Astrodienst Ephemeris Tables

from the year 300 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

JANUARY 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 24 35	7♑14'59	17♑39	25°R14	24♏55	22♏ 8	11°R27	20♓29	6°R15	17♑33	15°R 5	9°R32	11♒12	12♒56	n.a.	T 1
W 2	6 28 31	8°15'55	29°35	24♐26	26° 6	22°51	11♊21	20°33	6♍14	17°35	15♊ 4	9♒30	11° 9	13° 3	n.a.	W 2
T 3	6 32 28	9°16'49	11♒24	23°47	27°17	23°34	11°14	20°37	6°13	17°37	15° 2	9°D30	11° 5	13° 9	n.a.	T 3
F 4	6 36 24	10°17'42	23°11	23°16	28°28	24°17	11° 8	20°41	6°12	17°40	15° 1	9°30	11° 2	13°16	n.a.	F 4
S 5	6 40 21	11°18'33	4♓58	22°54	29°39	25° 0	11° 2	20°45	6°11	17°42	15° 0	9°32	10°59	13°23	n.a.	S 5
S 6	6 44 17	12°19'23	16°49	22°40	0♐50	25°43	10°56	20°50	6°10	17°44	14°59	9°34	10°56	13°29	n.a.	S 6
M 7	6 48 14	13°20'11	28°49	22°D34	2° 1	26°26	10°50	20°54	6° 8	17°46	14°58	9°36	10°53	13°36	n.a.	M 7
T 8	6 52 10	14°20'57	11♈ 3	22°35	3°12	27° 9	10°45	20°58	6° 7	17°49	14°57	9°R36	10°50	13°42	n.a.	T 8
W 9	6 56 7	15°21'42	23°36	22°43	4°23	27°53	10°39	21° 3	6° 6	17°51	14°56	9°36	10°46	13°49	n.a.	W 9
T 10	7 0 4	16°22'24	6♉31	22°58	5°35	28°36	10°34	21° 8	6° 4	17°53	14°55	9°35	10°43	13°56	n.a.	T 10
F 11	7 4 0	17°23'06	19°53	23°20	6°46	29°19	10°28	21°12	6° 3	17°55	14°54	9°33	10°40	14° 2	n.a.	F 11
S 12	7 7 57	18°23'45	3♊43	23°46	7°57	0♐ 2	10°23	21°17	6° 2	17°58	14°53	9°30	10°37	14° 9	n.a.	S 12
S 13	7 11 53	19°24'23	18° 0	24°18	9° 9	0°46	10°19	21°22	6° 0	18° 0	14°52	9°27	10°34	14°16	n.a.	S 13
M14	7 15 50	20°24'58	2♋41	24°55	10°20	1°29	10°14	21°27	5°59	18° 2	14°51	9°24	10°31	14°22	n.a.	M14
T 15	7 19 46	21°25'32	17°39	25°36	11°32	2°13	10° 9	21°32	5°57	18° 5	14°50	9°22	10°27	14°29	n.a.	T 15
W16	7 23 43	22°26'05	2♌47	26°21	12°44	2°56	10° 5	21°37	5°55	18° 7	14°49	9°D21	10°24	14°36	n.a.	W16
T 17	7 27 39	23°26'36	17°54	27°10	13°55	3°39	10° 1	21°42	5°54	18° 9	14°48	9°21	10°21	14°42	n.a.	T 17
F 18	7 31 36	24°27'05	2♍52	28° 2	15° 7	4°23	9°57	21°48	5°52	18°11	14°47	9°22	10°18	14°49	n.a.	F 18
S 19	7 35 33	25°27'32	17°34	28°58	16°19	5° 6	9°53	21°53	5°50	18°14	14°46	9°23	10°15	14°56	n.a.	S 19
S 20	7 39 29	26°27'58	1♎55	29°56	17°31	5°50	9°49	21°59	5°49	18°16	14°45	9°24	10°11	15° 2	n.a.	S 20
M21	7 43 26	27°28'23	15°52	0♑57	18°43	6°33	9°46	22° 4	5°47	18°18	14°44	9°25	10° 8	15° 9	n.a.	M21
T 22	7 47 22	28°28'46	29°25	2° 1	19°55	7°17	9°43	22°10	5°45	18°20	14°43	9°R25	10° 5	15°16	n.a.	T 22
W23	7 51 19	29°29'07	12♏37	3° 7	21° 7	8° 1	9°39	22°15	5°43	18°23	14°42	9°25	10° 2	15°22	n.a.	W23
T 24	7 55 15	0♒29'27	25°28	4°15	22°19	8°44	9°37	22°21	5°41	18°25	14°41	9°24	9°59	15°29	n.a.	T 24
F 25	7 59 12	1°29'46	8♐ 2	5°25	23°31	9°28	9°34	22°27	5°39	18°27	14°41	9°23	9°56	15°35	n.a.	F 25
S 26	8 3 8	2°30'03	20°22	6°37	24°43	10°12	9°31	22°33	5°37	18°29	14°40	9°22	9°52	15°42	n.a.	S 26
S 27	8 7 5	3°30'18	2♑31	7°51	25°55	10°55	9°29	22°39	5°35	18°32	14°39	9°21	9°49	15°49	n.a.	S 27
M28	8 11 2	4°30'31	14°32	9° 6	27° 8	11°39	9°27	22°45	5°33	18°34	14°38	9°21	9°46	15°55	n.a.	M28
T 29	8 14 58	5°30'43	26°25	10°24	28°20	12°23	9°25	22°51	5°31	18°36	14°37	9°20	9°43	16° 2	n.a.	T 29
W30	8 18 55	6°30'53	8♒15	11°43	29°32	13° 7	9°23	22°57	5°29	18°38	14°37	9°D20	9°40	16° 9	n.a.	W30
T 31	8 22 51	7♒31'00	20♒ 2	13♑ 3	0♑44	13♐50	9♊22	23♓ 3	5♍27	18♑40	14♊36	9♒20	9♒37	16♒15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s32	24s29	1s57	20s 2	3n36	17s 3	2n14	18s21	0n10	22n24	0s 2	6s 6	2s29	10n 4	0n48	22s37	0s 3	21n40	1s14	18s 5	17s38	16s59		n.a.
W 2	23 28	21 22	0 54	20 4	3 33	17 23	2 12	18 33	0 10	22 23	0 2	6 4	2 29	10 5	0 48	22 36	0 3	21 40	1 14	18 6	17 39	16 57		n.a.
T 3	23 24	17 24	0n11	20 7	3 28	17 42	2 9	18 45	0 9	22 22	0 2	6 2	2 29	10 5	0 48	22 36	0 3	21 40	1 13	18 6	17 39	16 54		n.a.
F 4	23 20	12 47	1 15	20 12	3 22	18 0	2 7	18 56	0 8	22 22	0 1	6 0	2 28	10 5	0 48	22 36	0 3	21 40	1 13	18 5	17 40	16 51		n.a.
S 5	23 15	7 42	2 16	20 18	3 14	18 18	2 4	19 8	0 7	22 21	0 1	5 58	2 28	10 6	0 48	22 35	0 3	21 40	1 13	18 5	17 41	16 48		n.a.
S 6	23 9	2 20	3 11	20 26	3 6	18 36	2 2	19 19	0 7	22 20	0 1	5 56	2 28	10 6	0 48	22 35	0 3	21 40	1 13	18 4	17 42	16 46		n.a.
M 7	23 3	3n10	3 59	20 35	2 57	18 53	1 59	19 30	0 6	22 20	0 1	5 54	2 28	10 7	0 48	22 35	0 3	21 40	1 13	18 4	17 43	16 43		n.a.
T 8	22 57	8 40	4 37	20 45	2 47	19 9	1 56	19 41	0 5	22 19	0 1	5 52	2 27	10 7	0 48	22 35	0 3	21 40	1 13	18 4	17 44	16 40		n.a.
W 9	22 50	13 57	5 3	20 56	2 36	19 26	1 53	19 52	0 4	22 18	0 1	5 50	2 27	10 8	0 48	22 34	0 3	21 40	1 13	18 4	17 45	16 37		n.a.
T 10	22 43	18 48	5 15	21 7	2 26	19 41	1 50	20 2	0 4	22 18	0 1	5 48	2 27	10 8	0 48	22 34	0 3	21 40	1 13	18 4	17 46	16 34		n.a.
F 11	22 35	22 54	5 10	21 19	2 15	19 57	1 47	20 12	0 3	22 17	0 0	5 46	2 27	10 9	0 48	22 34	0 3	21 40	1 13	18 5	17 47	16 32		n.a.
S 12	22 27	25 52	4 48	21 32	2 4	20 11	1 44	20 23	0 2	22 17	0 0	5 44	2 26	10 9	0 48	22 33	0 3	21 40	1 13	18 6	17 47	16 29		n.a.
S 13	22 19	27 17	4 7	21 44	1 52	20 26	1 41	20 33	0 1	22 16	0 0	5 42	2 26	10 10	0 48	22 33	0 3	21 39	1 13	18 6	17 48	16 26		n.a.
M14	22 10	26 51	3 9	21 57	1 41	20 39	1 38	20 42	0 0	22 15	0n 0	5 40	2 26	10 11	0 48	22 33	0 3	21 39	1 13	18 7	17 49	16 23		n.a.
T 15	22 0	24 29	1 57	22 9	1 30	20 52	1 35	20 52	0s 0	22 15	0 0	5 37	2 26	10 11	0 48	22 33	0 3	21 39	1 13	18 8	17 50	16 20		n.a.
W16	21 50	20 22	0 36	22 22	1 19	21 5	1 32	21 1	0 1	22 14	0 0	5 35	2 26	10 12	0 48	22 32	0 3	21 39	1 12	18 8	17 51	16 18		n.a.
T 17	21 40	14 54	0s47	22 34	1 8	21 17	1 29	21 11	0 2	22 14	0 0	5 33	2 25	10 13	0 48	22 32	0 3	21 39	1 12	18 8	17 52	16 15		n.a.
F 18	21 30	8 37	2 7	22 46	0 58	21 29	1 25	21 20	0 3	22 13	0 1	5 31	2 25	10 13	0 48	22 32	0 3	21 39	1 12	18 8	17 53	16 12		n.a.
S 19	21 19	1 58	3 16	22 57	0 47	21 39	1 22	21 29	0 4	22 13	0 1	5 28	2 25	10 14	0 48	22 31	0 3	21 39	1 12	18 7	17 53	16 9		n.a.
S 20	21 7	4s37	4 12	23 7	0 37	21 50	1 19	21 37	0 5	22 13	0 1	5 26	2 25	10 15	0 49	22 31	0 3	21 39	1 12	18 7	17 54	16 6		n.a.
M21	20 55	10 47	4 51	23 17	0 27	21 59	1 16	21 46	0 6	22 12	0 1	5 24	2 25	10 15	0 49	22 31	0 3	21 39	1 12	18 7	17 55	16 4		n.a.
T 22	20 43	16 16	5 13	23 26	0 17	22 9	1 12	21 54	0 6	22 12	0 1	5 21	2 24	10 16	0 49	22 30	0 3	21 39	1 12	18 7	17 56	16 1		n.a.
W23	20 31	20 50	5 17	23 35	0 7	22 17	1 9	22 2	0 7	22 12	0 1	5 19	2 24	10 17	0 49	22 30	0 3	21 39	1 12	18 7	17 57	15 58		n.a.
T 24	20 18	24 17	5 5	23 42	0s 2	22 25	1 6	22 10	0 8	22 11	0 1	5 16	2 24	10 17	0 49	22 30	0 3	21 39	1 12	18 7	17 58	15 55		n.a.
F 25	20 4	26 30	4 39	23 49	0 11	22 32	1 2	22 17	0 9	22 11	0 2	5 14	2 24	10 18	0 49	22 30	0 3	21 39	1 12	18 7	17 59	15 52		n.a.
S 26	19 51	27 22	4 0	23 54	0 20	22 39	0 59	22 25	0 10	22 11	0 2	5 11	2 24	10 19	0 49	22 29	0 3	21 39	1 12	18 8	18 0	15 50		n.a.
S 27	19 37	26 53	3 11	23 58	0 29	22 45	0 56	22 32	0 11	22 11	0 2	5 9	2 23	10 20	0 49	22 29	0 3	21 39	1 12	18 8	18 0	15 47		n.a.
M28	19 22	25 9	2 14	24 2	0 37	22 50	0 52	22 39	0 12	22 10	0 2	5 6	2 23	10 21	0 49	22 29	0 3	21 39	1 11	18 8	18 1	15 44		n.a.
T 29	19 7	22 18	1 11	24 4	0 45	22 54	0 49	22 46	0 13	22 10	0 2	5 4	2 23	10 21	0 49	22 28	0 3	21 39	1 11	18 8	18 2	15 41		n.a.
W30	18 52	18 31	0 6	24 5	0 52	22 58	0 46	22 52	0 13	22 10	0 2	5 1	2 23	10 22	0 49	22 28	0 3	21 39	1 11	18 8	18 3	15 38		n.a.
T 31	18s37	14s 3	0n59	24s 4	1s 0	23s 2	0n42	22s59	0s14	22n10	0n 2	4s58	2s23	10n23	0n49	22s28	0s 3	21n39	1s11	18s 8	18s 4	15s35		n.a.

Julian Day Number = 1611848.5, Delta T = 03h52m48s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'48, Lahiri = - 8°05'47 Julian Calendar 1 Jan. 300 BCE == Greg. Calendar 28 Dec. 301 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

FEBRUARY 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 26 48	8♒31'06	1♓49	14♑25	1♑57	14♐34	9°R20	23♓ 9	5°R25	18♑43	14°R35	9♒20	9♒33	16♒22	n.a.	F 1
S 2	8 30 44	9°31'09	13°39	15°48	3° 9	15°18	9♊19	23°16	5♍22	18°45	14♊35	9°R20	9°30	16°29	n.a.	S 2
S 3	8 34 41	10°31'10	25°34	17°12	4°21	16° 2	9°18	23°22	5°20	18°47	14°34	9°20	9°27	16°35	n.a.	S 3
M 4	8 38 37	11°31'09	7♈38	18°38	5°34	16°46	9°18	23°28	5°18	18°49	14°33	9°20	9°24	16°42	n.a.	M 4
T 5	8 42 34	12°31'06	19°53	20° 5	6°46	17°29	9°17	23°35	5°15	18°51	14°33	9°20	9°21	16°49	n.a.	T 5
W 6	8 46 31	13°31'00	2♉25	21°34	7°59	18°13	9°17	23°41	5°13	18°53	14°32	9°20	9°17	16°55	n.a.	W 6
T 7	8 50 27	14°30'53	15°15	23° 4	9°11	18°57	9°D16	23°48	5°11	18°55	14°32	9°D20	9°14	17° 2	n.a.	T 7
F 8	8 54 24	15°30'42	28°29	24°34	10°24	19°41	9°17	23°55	5° 8	18°58	14°31	9°20	9°11	17° 9	n.a.	F 8
S 9	8 58 20	16°30'30	12♊ 8	26° 7	11°36	20°25	9°17	24° 1	5° 6	19° 0	14°31	9°20	9° 8	17°15	n.a.	S 9
S 10	9 2 17	17°30'15	26°13	27°40	12°49	21° 9	9°17	24° 8	5° 4	19° 2	14°30	9°21	9° 5	17°22	n.a.	S 10
M11	9 6 13	18°29'58	10♋44	29°15	14° 1	21°53	9°18	24°15	5° 1	19° 4	14°30	9°22	9° 2	17°28	n.a.	M11
T 12	9 10 10	19°29'39	25°37	0♒50	15°14	22°37	9°19	24°22	4°59	19° 6	14°29	9°22	8°58	17°35	n.a.	T 12
W13	9 14 6	20°29'17	10♌44	2°27	16°26	23°21	9°20	24°28	4°56	19° 8	14°29	9°R22	8°55	17°42	n.a.	W13
T 14	9 18 3	21°28'53	25°59	4° 6	17°39	24° 5	9°21	24°35	4°54	19°10	14°28	9°22	8°52	17°48	n.a.	T 14
F 15	9 22 0	22°28'27	11♍10	5°45	18°51	24°49	9°22	24°42	4°51	19°12	14°28	9°21	8°49	17°55	n.a.	F 15
S 16	9 25 56	23°27'58	26° 8	7°26	20° 4	25°33	9°24	24°49	4°49	19°14	14°28	9°19	8°46	18° 2	n.a.	S 16
S 17	9 29 53	24°27'28	10♎45	9° 8	21°17	26°17	9°26	24°56	4°46	19°16	14°27	9°18	8°42	18° 8	n.a.	S 17
M18	9 33 49	25°26'56	24°57	10°51	22°29	27° 1	9°28	25° 3	4°44	19°18	14°27	9°16	8°39	18°15	n.a.	M18
T 19	9 37 46	26°26'22	8♏41	12°36	23°42	27°45	9°30	25°11	4°41	19°20	14°27	9°14	8°36	18°22	n.a.	T 19
W20	9 41 42	27°25'46	21°58	14°22	24°55	28°30	9°32	25°18	4°39	19°21	14°26	9°D13	8°33	18°28	n.a.	W20
T 21	9 45 39	28°25'09	4♐50	16° 9	26° 8	29°14	9°35	25°25	4°36	19°23	14°26	9°13	8°30	18°35	n.a.	T 21
F 22	9 49 35	29°24'29	17°21	17°57	27°20	29°58	9°37	25°32	4°33	19°25	14°26	9°14	8°27	18°42	n.a.	F 22
S 23	9 53 32	0♓23'48	29°34	19°47	28°33	0♑42	9°40	25°39	4°31	19°27	14°26	9°16	8°23	18°48	n.a.	S 23
S 24	9 57 29	1°23'05	11♑36	21°38	29°46	1°26	9°43	25°47	4°28	19°29	14°26	9°17	8°20	18°55	n.a.	S 24
M25	10 1 25	2°22'20	23°28	23°30	0♒59	2°10	9°46	25°54	4°26	19°31	14°26	9°19	8°17	19° 2	n.a.	M25
T 26	10 5 22	3°21'32	5♒16	25°24	2°11	2°55	9°50	26° 1	4°23	19°32	14°25	9°R20	8°14	19° 8	n.a.	T 26
W27	10 9 18	4°20'43	17° 2	27°19	3°24	3°39	9°53	26° 9	4°20	19°34	14°25	9°20	8°11	19°15	n.a.	W27
T 28	10 13 15	5♓19'52	28♒50	29♒16	4♒37	4♑23	9♊57	26♓16	4♍18	19♑36	14♊25	9♒18	8♒ 8	19♒21	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s21	9s 4	2n 2	24s 3	1s 7	23s 4	0n39	23s 5	0s15	22n10	0n 2	4s56	2s23	10n24	0n49	22s28	0s 3	21n39	1s11	18s 8	18s 5	15s32		n.a.
S 2	18 5	3 45	3 0	24 0	1 13	23 6	0 35	23 11	0 16	22 10	0 3	4 53	2 22	10 25	0 49	22 27	0 3	21 39	1 11	18 8	18 6	15 30		n.a.
S 3	17 49	1n44	3 50	23 56	1 20	23 7	0 32	23 16	0 17	22 10	0 3	4 50	2 22	10 26	0 49	22 27	0 3	21 39	1 11	18 8	18 6	15 27		n.a.
M 4	17 32	7 12	4 31	23 50	1 26	23 8	0 29	23 22	0 18	22 10	0 3	4 48	2 22	10 26	0 49	22 27	0 3	21 39	1 11	18 8	18 7	15 24		n.a.
T 5	17 15	12 29	5 0	23 43	1 31	23 8	0 25	23 27	0 19	22 10	0 3	4 45	2 22	10 27	0 49	22 26	0 3	21 39	1 11	18 8	18 8	15 21		n.a.
W 6	16 58	17 23	5 16	23 34	1 37	23 7	0 22	23 32	0 20	22 10	0 3	4 42	2 22	10 28	0 49	22 26	0 3	21 39	1 11	18 8	18 9	15 18		n.a.
T 7	16 41	21 38	5 16	23 24	1 41	23 6	0 19	23 37	0 21	22 10	0 3	4 39	2 22	10 29	0 49	22 26	0 3	21 39	1 11	18 8	18 10	15 15		n.a.
F 8	16 23	24 56	5 0	23 12	1 46	23 4	0 16	23 41	0 22	22 10	0 3	4 37	2 22	10 30	0 49	22 25	0 3	21 39	1 10	18 8	18 11	15 12		n.a.
S 9	16 5	26 56	4 27	22 59	1 50	23 1	0 12	23 46	0 23	22 10	0 4	4 34	2 21	10 31	0 49	22 25	0 3	21 39	1 10	18 8	18 12	15 10		n.a.
S 10	15 47	27 18	3 38	22 45	1 54	22 57	0 9	23 50	0 24	22 10	0 4	4 31	2 21	10 32	0 49	22 25	0 3	21 39	1 10	18 8	18 12	15 7		n.a.
M11	15 28	25 50	2 33	22 28	1 57	22 53	0 6	23 54	0 25	22 11	0 4	4 28	2 21	10 33	0 49	22 25	0 3	21 39	1 10	18 8	18 13	15 4		n.a.
T 12	15 9	22 31	1 16	22 10	2 0	22 48	0 3	23 57	0 26	22 11	0 4	4 25	2 21	10 34	0 49	22 24	0 3	21 39	1 10	18 8	18 14	15 1		n.a.
W13	14 50	17 38	0s 8	21 51	2 3	22 43	0s 0	24 1	0 27	22 11	0 4	4 22	2 21	10 35	0 49	22 24	0 3	21 39	1 10	18 8	18 15	14 58		n.a.
T 14	14 31	11 35	1 31	21 30	2 5	22 37	0 4	24 4	0 28	22 12	0 4	4 19	2 21	10 36	0 49	22 24	0 3	21 40	1 10	18 8	18 16	14 55		n.a.
F 15	14 11	4 53	2 47	21 7	2 7	22 30	0 7	24 7	0 29	22 12	0 4	4 17	2 21	10 36	0 49	22 24	0 3	21 40	1 10	18 8	18 17	14 52		n.a.
S 16	13 52	1s58	3 51	20 42	2 8	22 22	0 10	24 9	0 30	22 12	0 4	4 14	2 21	10 37	0 49	22 23	0 3	21 40	1 10	18 8	18 17	14 49		n.a.
S 17	13 32	8 34	4 38	20 16	2 9	22 14	0 13	24 12	0 31	22 13	0 4	4 11	2 20	10 38	0 49	22 23	0 3	21 40	1 10	18 9	18 18	14 47		n.a.
M18	13 12	14 31	5 7	19 48	2 10	22 5	0 16	24 14	0 32	22 13	0 5	4 8	2 20	10 39	0 49	22 23	0 3	21 40	1 10	18 9	18 19	14 44		n.a.
T 19	12 51	19 33	5 17	19 18	2 9	21 56	0 19	24 16	0 33	22 13	0 5	4 5	2 20	10 40	0 49	22 22	0 3	21 40	1 10	18 10	18 20	14 41		n.a.
W20	12 31	23 27	5 9	18 47	2 9	21 46	0 22	24 17	0 34	22 14	0 5	4 2	2 20	10 41	0 49	22 22	0 3	21 40	1 9	18 10	18 21	14 38		n.a.
T 21	12 10	26 2	4 46	18 13	2 8	21 35	0 25	24 19	0 35	22 14	0 5	3 59	2 20	10 42	0 49	22 22	0 3	21 40	1 9	18 10	18 22	14 35		n.a.
F 22	11 49	27 15	4 9	17 38	2 6	21 24	0 27	24 20	0 36	22 15	0 5	3 56	2 20	10 43	0 49	22 22	0 3	21 40	1 9	18 10	18 22	14 32		n.a.
S 23	11 28	27 6	3 22	17 2	2 4	21 12	0 30	24 21	0 37	22 15	0 5	3 53	2 20	10 44	0 49	22 21	0 3	21 40	1 9	18 9	18 23	14 29		n.a.
S 24	11 7	25 40	2 27	16 23	2 2	20 59	0 33	24 21	0 38	22 16	0 5	3 50	2 20	10 45	0 49	22 21	0 3	21 40	1 9	18 9	18 24	14 26		n.a.
M25	10 45	23 5	1 26	15 43	1 59	20 46	0 36	24 22	0 39	22 17	0 5	3 47	2 20	10 46	0 49	22 21	0 3	21 40	1 9	18 9	18 25	14 23		n.a.
T 26	10 24	19 33	0 22	15 1	1 55	20 32	0 38	24 22	0 40	22 17	0 5	3 44	2 19	10 47	0 49	22 21	0 3	21 40	1 9	18 8	18 26	14 20		n.a.
W27	10 2	15 15	0n42	14 17	1 51	20 18	0 41	24 22	0 41	22 18	0 6	3 41	2 19	10 48	0 49	22 20	0 3	21 40	1 9	18 8	18 27	14 18		n.a.
T 28	9s40	10s23	1n45	13s32	1s47	20s 3	0s43	24s22	0s42	22n19	0n 6	3s38	2s19	10n49	0n49	22s20	0s 3	21n40	1s 9	18s 9	18s27	14s15		n.a.

Julian Day Number = 1611879.5, Delta T = 03h52m46s
Ecliptic obliquity = 23°44'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'43, Lahiri = - 8°05'43 Julian Calendar 1 Feb. 300 BCE == Greg. Calendar 28 Jan. 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

MARCH 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 17 11	6♓18'58	10♓41	1♓13	5♒50	5♑ 7	10♊ 1	26♓24	4°R15	19♑38	14°R25	9°R15	8♒ 4	19♒28	n.a.	F 1
S 2	10 21 8	7°18'02	22°38	3°12	7° 3	5°51	10° 5	26°31	4♍13	19°39	14°D25	9♒11	8° 1	19°35	n.a.	S 2
S 3	10 25 4	8°17'04	4♈42	5°12	8°16	6°36	10°10	26°39	4°10	19°41	14♊25	9° 6	7°58	19°41	n.a.	S 3
M 4	10 29 1	9°16'04	16°55	7°13	9°28	7°20	10°14	26°46	4° 7	19°43	14°25	9° 1	7°55	19°48	n.a.	M 4
T 5	10 32 57	10°15'01	29°19	9°16	10°41	8° 4	10°19	26°54	4° 5	19°44	14°25	8°56	7°52	19°55	n.a.	T 5
W 6	10 36 54	11°13'57	11♉56	11°19	11°54	8°48	10°23	27° 1	4° 2	19°46	14°25	8°52	7°48	20° 1	n.a.	W 6
T 7	10 40 51	12°12'50	24°49	13°23	13° 7	9°33	10°28	27° 9	4° 0	19°47	14°25	8°49	7°45	20° 8	n.a.	T 7
F 8	10 44 47	13°11'40	8♊ 0	15°28	14°20	10°17	10°34	27°16	3°57	19°49	14°26	8°D48	7°42	20°15	n.a.	F 8
S 9	10 48 44	14°10'28	21°31	17°33	15°33	11° 1	10°39	27°24	3°55	19°50	14°26	8°48	7°39	20°21	n.a.	S 9
S 10	10 52 40	15° 9'14	5♋23	19°38	16°46	11°45	10°44	27°32	3°52	19°52	14°26	8°49	7°36	20°28	n.a.	S 10
M11	10 56 37	16° 7'58	19°38	21°44	17°59	12°29	10°50	27°39	3°50	19°53	14°26	8°50	7°33	20°35	n.a.	M11
T 12	11 0 33	17° 6'39	4♌13	23°49	19°11	13°14	10°56	27°47	3°47	19°55	14°26	8°R51	7°29	20°41	n.a.	T 12
W13	11 4 30	18° 5'17	19° 6	25°54	20°24	13°58	11° 2	27°55	3°45	19°56	14°27	8°51	7°26	20°48	n.a.	W13
T 14	11 8 26	19° 3'54	4♍ 9	27°58	21°37	14°42	11° 8	28° 2	3°42	19°58	14°27	8°49	7°23	20°55	n.a.	T 14
F 15	11 12 23	20° 2'28	19°15	0♈ 1	22°50	15°26	11°14	28°10	3°40	19°59	14°27	8°45	7°20	21° 1	n.a.	F 15
S 16	11 16 20	21° 1'00	4♎14	2° 2	24° 3	16°11	11°20	28°18	3°37	20° 0	14°27	8°39	7°17	21° 8	n.a.	S 16
S 17	11 20 16	21°59'30	18°57	4° 1	25°16	16°55	11°27	28°26	3°35	20° 2	14°28	8°33	7°14	21°14	n.a.	S 17
M18	11 24 13	22°57'59	3♏17	5°59	26°29	17°39	11°33	28°33	3°32	20° 3	14°28	8°26	7°10	21°21	n.a.	M18
T 19	11 28 9	23°56'25	17° 9	7°54	27°42	18°23	11°40	28°41	3°30	20° 4	14°29	8°20	7° 7	21°28	n.a.	T 19
W20	11 32 6	24°54'50	0♐33	9°46	28°55	19° 7	11°47	28°49	3°28	20° 5	14°29	8°15	7° 4	21°34	n.a.	W20
T 21	11 36 2	25°53'14	13°30	11°35	0♓ 8	19°52	11°54	28°57	3°25	20° 7	14°29	8°13	7° 1	21°41	n.a.	T 21
F 22	11 39 59	26°51'35	26° 3	13°21	1°21	20°36	12° 1	29° 4	3°23	20° 8	14°30	8°D12	6°58	21°48	n.a.	F 22
S 23	11 43 55	27°49'55	8♑17	15° 3	2°34	21°20	12° 9	29°12	3°21	20° 9	14°30	8°12	6°54	21°54	n.a.	S 23
S 24	11 47 52	28°48'14	20°16	16°41	3°47	22° 4	12°16	29°20	3°18	20°10	14°31	8°14	6°51	22° 1	n.a.	S 24
M25	11 51 48	29°46'30	2♒ 7	18°16	5° 0	22°48	12°24	29°28	3°16	20°11	14°31	8°R15	6°48	22° 8	n.a.	M25
T 26	11 55 45	0♈44'45	13°53	19°46	6°13	23°33	12°32	29°35	3°14	20°12	14°32	8°15	6°45	22°14	n.a.	T 26
W27	11 59 42	1°42'58	25°40	21°12	7°26	24°17	12°40	29°43	3°12	20°13	14°33	8°13	6°42	22°21	n.a.	W27
T 28	12 3 38	2°41'10	7♓31	22°34	8°39	25° 1	12°48	29°51	3°10	20°14	14°33	8° 9	6°39	22°28	n.a.	T 28
F 29	12 7 35	3°39'20	19°28	23°51	9°52	25°45	12°56	29°59	3° 7	20°15	14°34	8° 2	6°35	22°34	n.a.	F 29
S 30	12 11 31	4°37'28	1♈35	25° 4	11° 5	26°29	13° 4	0♈ 7	3° 5	20°16	14°34	7°54	6°32	22°41	n.a.	S 30
S 31	12 15 28	5♈35'34	13♈52	26♈12	12♓18	27♑13	13♊12	0♈14	3♍ 3	20♑17	14♊35	7♒44	6♒29	22♒48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s18	5s 8	2n44	12s45	1s41	19s47	0s46	24s21	0s43	22n19	0n 6	3s35	2s19	10n50	0n49	22s20	0s 3	21n41	1s 9	18s10	18s28	14s12		n.a.
S 2	8 56	0n20	3 36	11 56	1 36	19 31	0 48	24 20	0 44	22 20	0 6	3 31	2 19	10 51	0 49	22 20	0 3	21 41	1 9	18 11	18 29	14 9		n.a.
S 3	8 34	5 50	4 18	11 6	1 29	19 14	0 51	24 19	0 45	22 21	0 6	3 28	2 19	10 52	0 49	22 20	0 3	21 41	1 8	18 12	18 30	14 6		n.a.
M 4	8 11	11 10	4 50	10 14	1 22	18 57	0 53	24 18	0 46	22 22	0 6	3 25	2 19	10 53	0 49	22 19	0 3	21 41	1 8	18 13	18 31	14 3		n.a.
T 5	7 49	16 9	5 8	9 21	1 15	18 39	0 55	24 16	0 48	22 22	0 6	3 22	2 19	10 54	0 49	22 19	0 3	21 41	1 8	18 15	18 32	14 0		n.a.
W 6	7 26	20 32	5 12	8 26	1 7	18 21	0 57	24 15	0 49	22 23	0 6	3 19	2 19	10 55	0 49	22 19	0 3	21 41	1 8	18 16	18 32	13 57		n.a.
T 7	7 4	24 3	5 0	7 31	0 59	18 2	1 0	24 13	0 50	22 24	0 6	3 16	2 19	10 56	0 49	22 19	0 3	21 41	1 8	18 17	18 33	13 54		n.a.
F 8	6 41	26 24	4 33	6 34	0 50	17 43	1 2	24 10	0 51	22 25	0 7	3 13	2 19	10 56	0 49	22 18	0 3	21 41	1 8	18 17	18 34	13 51		n.a.
S 9	6 18	27 17	3 50	5 36	0 40	17 23	1 4	24 8	0 52	22 26	0 7	3 10	2 19	10 57	0 49	22 18	0 3	21 41	1 8	18 17	18 35	13 48		n.a.
S 10	5 55	26 30	2 52	4 37	0 30	17 3	1 6	24 5	0 53	22 27	0 7	3 7	2 19	10 58	0 49	22 18	0 4	21 41	1 8	18 17	18 36	13 45		n.a.
M11	5 32	23 58	1 43	3 38	0 20	16 42	1 8	24 2	0 54	22 27	0 7	3 4	2 19	10 59	0 49	22 18	0 4	21 42	1 8	18 16	18 37	13 42		n.a.
T 12	5 9	19 51	0 25	2 38	0 10	16 21	1 9	23 59	0 55	22 28	0 7	3 0	2 19	11 0	0 49	22 18	0 4	21 42	1 8	18 16	18 37	13 39		n.a.
W13	4 46	14 24	0s56	1 38	0n 1	15 59	1 11	23 55	0 56	22 29	0 7	2 57	2 19	11 1	0 49	22 17	0 4	21 42	1 8	18 16	18 38	13 37		n.a.
T 14	4 23	8 2	2 13	0 38	0 12	15 37	1 13	23 52	0 57	22 30	0 7	2 54	2 19	11 2	0 49	22 17	0 4	21 42	1 7	18 17	18 39	13 34		n.a.
F 15	3 59	1 13	3 22	0n22	0 24	15 15	1 15	23 48	0 59	22 31	0 7	2 51	2 19	11 3	0 49	22 17	0 4	21 42	1 7	18 18	18 40	13 31		n.a.
S 16	3 36	5s36	4 16	1 21	0 35	14 52	1 16	23 44	1 0	22 32	0 7	2 48	2 18	11 4	0 49	22 17	0 4	21 42	1 7	18 19	18 41	13 28		n.a.
S 17	3 13	11 59	4 51	2 20	0 46	14 28	1 18	23 39	1 1	22 33	0 7	2 45	2 18	11 5	0 49	22 17	0 4	21 42	1 7	18 21	18 42	13 25		n.a.
M18	2 50	17 34	5 8	3 17	0 58	14 5	1 19	23 35	1 2	22 34	0 8	2 42	2 18	11 5	0 49	22 17	0 4	21 42	1 7	18 23	18 42	13 22		n.a.
T 19	2 26	22 2	5 6	4 13	1 9	13 41	1 21	23 30	1 3	22 35	0 8	2 38	2 18	11 6	0 49	22 16	0 4	21 42	1 7	18 24	18 43	13 19		n.a.
W20	2 3	25 11	4 46	5 8	1 20	13 16	1 22	23 25	1 4	22 36	0 8	2 35	2 18	11 7	0 49	22 16	0 4	21 43	1 7	18 25	18 44	13 16		n.a.
T 21	1 39	26 53	4 13	6 1	1 30	12 51	1 23	23 19	1 5	22 37	0 8	2 32	2 18	11 8	0 49	22 16	0 4	21 43	1 7	18 26	18 45	13 13		n.a.
F 22	1 16	27 8	3 28	6 52	1 41	12 26	1 24	23 14	1 6	22 38	0 8	2 29	2 18	11 9	0 49	22 16	0 4	21 43	1 7	18 26	18 46	13 10		n.a.
S 23	0 52	26 3	2 35	7 41	1 50	12 1	1 25	23 8	1 8	22 40	0 8	2 26	2 18	11 10	0 49	22 16	0 4	21 43	1 7	18 26	18 46	13 7		n.a.
S 24	0 29	23 45	1 36	8 28	2 0	11 35	1 26	23 2	1 9	22 41	0 8	2 23	2 18	11 10	0 49	22 16	0 4	21 43	1 7	18 26	18 47	13 4		n.a.
M25	0 5	20 28	0 33	9 13	2 8	11 9	1 27	22 56	1 10	22 42	0 8	2 20	2 18	11 11	0 49	22 15	0 4	21 43	1 6	18 26	18 48	13 1		n.a.
T 26	0n18	16 23	0n30	9 55	2 16	10 42	1 28	22 49	1 11	22 43	0 8	2 17	2 18	11 12	0 49	22 15	0 4	21 43	1 6	18 26	18 49	12 58		n.a.
W27	0 41	11 40	1 32	10 35	2 24	10 16	1 29	22 42	1 12	22 44	0 8	2 13	2 18	11 13	0 49	22 15	0 4	21 44	1 6	18 26	18 50	12 55		n.a.
T 28	1 5	6 32	2 31	11 12	2 30	9 49	1 30	22 36	1 13	22 45	0 9	2 10	2 18	11 14	0 49	22 15	0 4	21 44	1 6	18 27	18 50	12 52		n.a.
F 29	1 28	1 7	3 23	11 47	2 36	9 21	1 30	22 28	1 14	22 46	0 9	2 7	2 18	11 14	0 49	22 15	0 4	21 44	1 6	18 29	18 51	12 49		n.a.
S 30	1 52	4n23	4 6	12 18	2 41	8 54	1 31	22 21	1 16	22 47	0 9	2 4	2 18	11 15	0 49	22 15	0 4	21 44	1 6	18 31	18 52	12 46		n.a.
S 31	2n15	9n48	4n39	12n47	2n45	8s26	1s32	22s14	1s17	22n48	0n 9	2s 1	2s18	11n16	0n49	22s15	0s 4	21n44	1s 6	18s34	18s53	12s43		n.a.

Julian Day Number = 1611907.5, Delta T = 03h52m45s
Ecliptic obliquity = 23°44'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'39, Lahiri = - 8°05'39 Julian Calendar 1 March 300 BCE == Greg. Calendar 25 Feb. 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

APRIL 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 19 24	6♈33'38	26♈20	27♈16	13♓31	27♉57	13♊21	0♈22	3°R 1	20♉18	14♊36	7°R33	6♒26	22♒54	n.a.	M 1
T 2	12 23 21	7°31'41	9♉ 0	28°14	14°44	28°41	13°29	0°30	2♍59	20°19	14°36	7♒23	6°23	23° 1	n.a.	T 2
W 3	12 27 17	8°29'41	21°51	29° 8	15°57	29°25	13°38	0°38	2°57	20°19	14°37	7°13	6°19	23° 8	n.a.	W 3
T 4	12 31 14	9°27'40	4♊56	29°57	17°10	0♒ 9	13°47	0°45	2°55	20°20	14°38	7° 7	6°16	23°14	n.a.	T 4
F 5	12 35 11	10°25'37	18°13	0♉41	18°23	0°53	13°56	0°53	2°53	20°21	14°39	7° 2	6°13	23°21	n.a.	F 5
S 6	12 39 7	11°23'33	1♋45	1°19	19°36	1°37	14° 5	1° 1	2°52	20°22	14°40	7° 0	6°10	23°28	n.a.	S 6
S 7	12 43 4	12°21'26	15°32	1°53	20°49	2°21	14°14	1° 8	2°50	20°22	14°40	7°D 0	6° 7	23°34	n.a.	S 7
M 8	12 47 0	13°19'17	29°35	2°22	22° 2	3° 5	14°23	1°16	2°48	20°23	14°41	7°R 0	6° 4	23°41	n.a.	M 8
T 9	12 50 57	14°17'06	13♌53	2°45	23°16	3°49	14°33	1°24	2°46	20°24	14°42	7° 0	6° 0	23°47	n.a.	T 9
W10	12 54 53	15°14'53	28°25	3° 3	24°29	4°32	14°42	1°31	2°45	20°24	14°43	6°58	5°57	23°54	n.a.	W10
T 11	12 58 50	16°12'39	13♍ 7	3°17	25°42	5°16	14°52	1°39	2°43	20°25	14°44	6°55	5°54	24° 1	n.a.	T 11
F 12	13 2 46	17°10'23	27°54	3°25	26°55	6° 0	15° 2	1°47	2°41	20°25	14°45	6°48	5°51	24° 7	n.a.	F 12
S 13	13 6 43	18° 8'05	12♎37	3°R28	28° 8	6°44	15°11	1°54	2°40	20°26	14°46	6°39	5°48	24°14	n.a.	S 13
S 14	13 10 40	19° 5'45	27° 9	3°26	29°21	7°27	15°21	2° 2	2°38	20°26	14°47	6°29	5°45	24°21	n.a.	S 14
M15	13 14 36	20° 3'25	11♏23	3°19	0♈34	8°11	15°31	2° 9	2°37	20°27	14°48	6°18	5°41	24°27	n.a.	M15
T 16	13 18 33	21° 1'03	25°14	3° 8	1°47	8°54	15°41	2°17	2°35	20°27	14°49	6° 8	5°38	24°34	n.a.	T 16
W17	13 22 29	21°58'40	8♐39	2°53	3° 0	9°38	15°52	2°24	2°34	20°27	14°50	5°59	5°35	24°41	n.a.	W17
T 18	13 26 26	22°56'15	21°38	2°34	4°13	10°22	16° 2	2°32	2°32	20°28	14°51	5°53	5°32	24°47	n.a.	T 18
F 19	13 30 22	23°53'50	4♑13	2°11	5°26	11° 5	16°12	2°39	2°31	20°28	14°52	5°50	5°29	24°54	n.a.	F 19
S 20	13 34 19	24°51'23	16°29	1°45	6°40	11°49	16°23	2°47	2°30	20°28	14°53	5°49	5°25	25° 1	n.a.	S 20
S 21	13 38 15	25°48'56	28°30	1°17	7°53	12°32	16°33	2°54	2°29	20°28	14°54	5°D48	5°22	25° 7	n.a.	S 21
M22	13 42 12	26°46'27	10♒22	0°46	9° 6	13°15	16°44	3° 1	2°28	20°29	14°55	5°R48	5°19	25°14	n.a.	M22
T 23	13 46 9	27°43'58	22° 9	0°13	10°19	13°59	16°55	3° 9	2°26	20°29	14°56	5°48	5°16	25°21	n.a.	T 23
W24	13 50 5	28°41'27	3♓58	29♈40	11°32	14°42	17° 5	3°16	2°25	20°29	14°57	5°45	5°13	25°27	n.a.	W24
T 25	13 54 2	29°38'56	15°53	29° 6	12°45	15°25	17°16	3°23	2°24	20°29	14°58	5°40	5°10	25°34	n.a.	T 25
F 26	13 57 58	0♉36'23	27°57	28°32	13°59	16° 8	17°27	3°30	2°23	20°29	14°59	5°32	5° 6	25°41	n.a.	F 26
S 27	14 1 55	1°33'50	10♈14	27°58	15°12	16°51	17°38	3°38	2°22	20°R29	15° 1	5°21	5° 3	25°47	n.a.	S 27
S 28	14 5 51	2°31'15	22°45	27°26	16°25	17°35	17°49	3°45	2°21	20°29	15° 2	5° 9	5° 0	25°54	n.a.	S 28
M29	14 9 48	3°28'40	5♉31	26°56	17°38	18°18	18° 0	3°52	2°21	20°29	15° 3	4°56	4°57	26° 1	n.a.	M29
T 30	14 13 44	4♉26'03	18♉30	26♈28	18♈51	19♒ 0	18♊12	3♈59	2♍20	20♉29	15♊ 4	4♒44	4♒54	26♒ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n38	14n54	4n58	13n14	2n48	7s58	1s32	22s 6	1s18	22n50	0n 9	1s58	2s18	11n17	0n49	22s14	0s 4	21n44	1s 6	18s36	18s54	12s40		n.a.
T 2	3 1	19 27	5 4	13 37	2 50	7 30	1 33	21 58	1 19	22 51	0 9	1 55	2 19	11 17	0 49	22 14	0 4	21 45	1 6	18 39	18 54	12 37		n.a.
W 3	3 25	23 11	4 54	13 58	2 51	7 2	1 33	21 50	1 20	22 52	0 9	1 52	2 19	11 18	0 49	22 14	0 4	21 45	1 6	18 42	18 55	12 34		n.a.
T 4	3 48	25 48	4 29	14 16	2 52	6 33	1 33	21 41	1 21	22 53	0 9	1 49	2 19	11 19	0 49	22 14	0 4	21 45	1 6	18 43	18 56	12 31		n.a.
F 5	4 11	27 1	3 50	14 31	2 51	6 4	1 33	21 33	1 23	22 54	0 9	1 46	2 19	11 19	0 49	22 14	0 4	21 45	1 6	18 44	18 57	12 28		n.a.
S 6	4 34	26 40	2 56	14 43	2 49	5 36	1 33	21 24	1 24	22 56	0 9	1 43	2 19	11 20	0 49	22 14	0 4	21 45	1 5	18 45	18 58	12 25		n.a.
S 7	4 56	24 40	1 52	14 52	2 46	5 7	1 33	21 15	1 25	22 57	0 9	1 39	2 19	11 21	0 49	22 14	0 4	21 45	1 5	18 45	18 58	12 22		n.a.
M 8	5 19	21 8	0 39	14 58	2 42	4 37	1 33	21 6	1 26	22 58	0 10	1 36	2 19	11 21	0 49	22 14	0 4	21 46	1 5	18 45	18 59	12 19		n.a.
T 9	5 42	16 17	0s37	15 1	2 36	4 8	1 33	20 57	1 27	22 59	0 10	1 33	2 19	11 22	0 48	22 14	0 4	21 46	1 5	18 45	19 0	12 16		n.a.
W10	6 5	10 26	1 51	15 2	2 30	3 39	1 33	20 47	1 28	23 0	0 10	1 30	2 19	11 22	0 48	22 14	0 4	21 46	1 5	18 45	19 1	12 13		n.a.
T 11	6 27	3 57	3 0	14 59	2 23	3 9	1 33	20 38	1 30	23 1	0 10	1 27	2 19	11 23	0 48	22 14	0 4	21 46	1 5	18 46	19 2	12 10		n.a.
F 12	6 49	2s45	3 56	14 54	2 14	2 39	1 33	20 28	1 31	23 3	0 10	1 24	2 19	11 24	0 48	22 13	0 4	21 46	1 5	18 48	19 2	12 7		n.a.
S 13	7 12	9 16	4 36	14 46	2 4	2 10	1 32	20 18	1 32	23 4	0 10	1 21	2 19	11 24	0 48	22 13	0 4	21 47	1 5	18 50	19 3	12 4		n.a.
S 14	7 34	15 12	4 58	14 35	1 53	1 40	1 32	20 8	1 33	23 5	0 10	1 18	2 19	11 25	0 48	22 13	0 4	21 47	1 5	18 53	19 4	12 1		n.a.
M15	7 56	20 11	5 1	14 22	1 42	1 10	1 31	19 57	1 34	23 6	0 10	1 15	2 19	11 25	0 48	22 13	0 4	21 47	1 5	18 56	19 5	11 58		n.a.
T 16	8 18	23 55	4 46	14 6	1 29	0 40	1 31	19 47	1 35	23 7	0 10	1 12	2 19	11 26	0 48	22 13	0 4	21 47	1 5	18 58	19 6	11 55		n.a.
W17	8 40	26 12	4 15	13 48	1 15	0 10	1 30	19 36	1 36	23 9	0 10	1 10	2 19	11 26	0 48	22 13	0 4	21 47	1 5	19 0	19 6	11 52		n.a.
T 18	9 1	26 59	3 32	13 27	1 0	0n20	1 30	19 25	1 38	23 10	0 10	1 7	2 19	11 27	0 48	22 13	0 4	21 48	1 4	19 2	19 7	11 49		n.a.
F 19	9 23	26 19	2 39	13 5	0 45	0 50	1 29	19 14	1 39	23 11	0 10	1 4	2 19	11 27	0 48	22 13	0 4	21 48	1 4	19 3	19 8	11 46		n.a.
S 20	9 44	24 22	1 41	12 41	0 29	1 20	1 28	19 3	1 40	23 12	0 11	1 1	2 20	11 27	0 48	22 13	0 4	21 48	1 4	19 3	19 9	11 43		n.a.
S 21	10 6	21 21	0 39	12 15	0 12	1 50	1 27	18 52	1 41	23 13	0 11	0 58	2 20	11 28	0 48	22 13	0 4	21 48	1 4	19 3	19 10	11 40		n.a.
M22	10 27	17 28	0n24	11 48	0s 5	2 20	1 26	18 41	1 42	23 14	0 11	0 55	2 20	11 28	0 48	22 13	0 4	21 48	1 4	19 3	19 10	11 37		n.a.
T 23	10 48	12 57	1 26	11 21	0 22	2 50	1 25	18 29	1 43	23 16	0 11	0 52	2 20	11 29	0 48	22 13	0 4	21 49	1 4	19 3	19 11	11 34		n.a.
W24	11 8	7 57	2 23	10 53	0 39	3 20	1 24	18 17	1 45	23 17	0 11	0 49	2 20	11 29	0 48	22 13	0 4	21 49	1 4	19 4	19 12	11 31		n.a.
T 25	11 29	2 38	3 15	10 25	0 56	3 50	1 23	18 5	1 46	23 18	0 11	0 46	2 20	11 29	0 48	22 13	0 4	21 49	1 4	19 5	19 13	11 28		n.a.
F 26	11 49	2n49	3 59	9 57	1 13	4 19	1 22	17 53	1 47	23 19	0 11	0 44	2 20	11 30	0 48	22 13	0 4	21 49	1 4	19 7	19 13	11 25		n.a.
S 27	12 10	8 16	4 32	9 29	1 30	4 49	1 21	17 41	1 48	23 20	0 11	0 41	2 20	11 30	0 48	22 13	0 4	21 49	1 4	19 10	19 14	11 22		n.a.
S 28	12 30	13 29	4 53	9 3	1 46	5 19	1 19	17 29	1 49	23 21	0 11	0 38	2 20	11 30	0 48	22 13	0 4	21 50	1 4	19 13	19 15	11 19		n.a.
M29	12 50	18 13	5 0	8 38	2 1	5 48	1 18	17 17	1 50	23 22	0 11	0 35	2 20	11 31	0 48	22 13	0 4	21 50	1 4	19 16	19 16	11 16		n.a.
T 30	13n 9	22n12	4n52	8n14	2s15	6n18	1s17	17s 4	1s51	23n23	0n11	0s33	2s21	11n31	0n48	22s13	0s 4	21n50	1s 3	19s19	19s17	11s13		n.a.

Julian Day Number = 1611938.5, Delta T = 03h52m44s
Ecliptic obliquity = 23°44'00, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'35, Lahiri = - 8°05'35 Julian Calendar 1 Apr. 300 BCE == Greg. Calendar 28 March 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

MAY 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 17 41	5♉23'26	1♊43	26°R 3	20♈ 5	19♒43	18♊23	4♈ 6	2°R19	20°R29	15♊ 5	4°R33	4♒51	26♒14	n.a.	W 1
T 2	14 21 38	6°20'47	15° 7	25♈40	21°18	20°26	18°34	4°13	2♍18	20♑29	15° 7	4♒24	4°47	26°20	n.a.	T 2
F 3	14 25 34	7°18'07	28°41	25°22	22°31	21° 9	18°46	4°20	2°18	20°29	15° 8	4°18	4°44	26°27	n.a.	F 3
S 4	14 29 31	8°15'27	12♋25	25° 7	23°44	21°52	18°57	4°27	2°17	20°28	15° 9	4°15	4°41	26°34	n.a.	S 4
S 5	14 33 27	9°12'45	26°18	24°56	24°58	22°34	19° 9	4°34	2°17	20°28	15°11	4°14	4°38	26°40	n.a.	S 5
M 6	14 37 24	10°10'02	10♌18	24°49	26°11	23°17	19°21	4°41	2°16	20°28	15°12	4°14	4°35	26°47	n.a.	M 6
T 7	14 41 20	11° 7'17	24°27	24°D47	27°24	23°59	19°32	4°48	2°16	20°28	15°13	4°13	4°31	26°54	n.a.	T 7
W 8	14 45 17	12° 4'32	8♍43	24°49	28°37	24°42	19°44	4°54	2°15	20°27	15°14	4°11	4°28	27° 0	n.a.	W 8
T 9	14 49 13	13° 1'45	23° 3	24°56	29°51	25°24	19°56	5° 1	2°15	20°27	15°16	4° 7	4°25	27° 7	n.a.	T 9
F 10	14 53 10	13°58'58	7♎25	25° 7	1♉ 4	26° 6	20° 8	5° 8	2°15	20°26	15°17	4° 0	4°22	27°14	n.a.	F 10
S 11	14 57 7	14°56'09	21°43	25°22	2°17	26°48	20°20	5°14	2°15	20°26	15°19	3°51	4°19	27°20	n.a.	S 11
S 12	15 1 3	15°53'20	5♏53	25°42	3°31	27°30	20°32	5°21	2°14	20°26	15°20	3°40	4°16	27°27	n.a.	S 12
M13	15 5 0	16°50'30	19°49	26° 7	4°44	28°12	20°44	5°27	2°14	20°25	15°21	3°29	4°12	27°34	n.a.	M13
T 14	15 8 56	17°47'40	3♐26	26°36	5°57	28°54	20°56	5°34	2°14	20°25	15°23	3°18	4° 9	27°40	n.a.	T 14
W15	15 12 53	18°44'49	16°42	27° 9	7°11	29°36	21° 8	5°40	2°D14	20°24	15°24	3° 9	4° 6	27°47	n.a.	W15
T 16	15 16 49	19°41'58	29°36	27°47	8°24	0♓18	21°21	5°47	2°14	20°24	15°26	3° 3	4° 3	27°54	n.a.	T 16
F 17	15 20 46	20°39'07	12♑ 9	28°29	9°37	0°59	21°33	5°53	2°14	20°23	15°27	2°59	4° 0	28° 0	n.a.	F 17
S 18	15 24 42	21°36'15	24°24	29°15	10°51	1°41	21°45	5°59	2°14	20°22	15°28	2°57	3°57	28° 7	n.a.	S 18
S 19	15 28 39	22°33'23	6♒26	0♉ 5	12° 4	2°22	21°58	6° 5	2°15	20°22	15°30	2°D57	3°53	28°14	n.a.	S 19
M20	15 32 36	23°30'31	18°19	0°59	13°17	3° 4	22°10	6°12	2°15	20°21	15°31	2°R57	3°50	28°20	n.a.	M20
T 21	15 36 32	24°27'39	0♓ 8	1°57	14°31	3°45	22°22	6°18	2°15	20°20	15°33	2°57	3°47	28°27	n.a.	T 21
W22	15 40 29	25°24'47	11°59	2°58	15°44	4°26	22°35	6°24	2°16	20°20	15°34	2°56	3°44	28°34	n.a.	W22
T 23	15 44 25	26°21'55	23°57	4° 4	16°58	5° 7	22°47	6°30	2°16	20°19	15°36	2°52	3°41	28°40	n.a.	T 23
F 24	15 48 22	27°19'02	6♈ 6	5°13	18°11	5°48	23° 0	6°35	2°16	20°18	15°37	2°46	3°37	28°47	n.a.	F 24
S 25	15 52 18	28°16'10	18°31	6°26	19°25	6°29	23°13	6°41	2°17	20°17	15°39	2°38	3°34	28°54	n.a.	S 25
S 26	15 56 15	29°13'17	1♉13	7°43	20°38	7°10	23°25	6°47	2°17	20°16	15°40	2°29	3°31	29° 0	n.a.	S 26
M27	16 0 11	0♊10'25	14°13	9° 3	21°52	7°51	23°38	6°53	2°18	20°15	15°42	2°18	3°28	29° 7	n.a.	M27
T 28	16 4 8	1° 7'33	27°32	10°27	23° 5	8°31	23°51	6°58	2°19	20°14	15°43	2° 8	3°25	29°14	n.a.	T 28
W29	16 8 5	2° 4'40	11♊ 7	11°54	24°19	9°11	24° 4	7° 4	2°20	20°14	15°45	1°59	3°22	29°20	n.a.	W29
T 30	16 12 1	3° 1'48	24°55	13°24	25°32	9°52	24°16	7°10	2°20	20°13	15°46	1°52	3°18	29°27	n.a.	T 30
F 31	16 15 58	3♊58'55	8♋53	14♉58	26♉46	10♓32	24♊29	7♈15	2♍21	20♑12	15♊48	1♒48	3♒15	29♒34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	13n29	25n 7	4n28	7n52	2s29	6n47	1s15	16s52	1s53	23n25	0n12	0s30	2s21	11n31	0n48	22s13	0s 4	21n50	1s 3	19s22	19s17	11s10			n.a.
T 2	13 48	26 40	3 48	7 32	2 41	7 16	1 14	16 39	1 54	23 26	0 12	0 27	2 21	11 31	0 48	22 13	0 4	21 50	1 3	19 24	19 18	11 7			n.a.
F 3	14 7	26 40	2 56	7 15	2 53	7 45	1 12	16 26	1 55	23 27	0 12	0 25	2 21	11 31	0 48	22 13	0 4	21 51	1 3	19 25	19 19	11 4			n.a.
S 4	14 26	25 1	1 53	7 0	3 4	8 14	1 10	16 13	1 56	23 28	0 12	0 22	2 21	11 32	0 48	22 13	0 4	21 51	1 3	19 26	19 20	11 0			n.a.
S 5	14 44	21 50	0 42	6 47	3 13	8 43	1 9	16 0	1 57	23 29	0 12	0 19	2 21	11 32	0 48	22 13	0 4	21 51	1 3	19 26	19 20	10 57			n.a.
M 6	15 3	17 22	0s32	6 37	3 21	9 11	1 7	15 47	1 58	23 30	0 12	0 17	2 21	11 32	0 47	22 13	0 4	21 51	1 3	19 26	19 21	10 54			n.a.
T 7	15 21	11 53	1 45	6 29	3 28	9 40	1 5	15 34	1 59	23 31	0 12	0 14	2 21	11 32	0 47	22 13	0 4	21 52	1 3	19 26	19 22	10 51			n.a.
W 8	15 39	5 45	2 52	6 25	3 34	10 8	1 4	15 20	2 0	23 32	0 12	0 11	2 22	11 32	0 47	22 14	0 4	21 52	1 3	19 27	19 23	10 48			n.a.
T 9	15 56	0s41	3 48	6 23	3 39	10 35	1 2	15 7	2 2	23 33	0 12	0 9	2 22	11 32	0 47	22 14	0 4	21 52	1 3	19 28	19 23	10 45			n.a.
F 10	16 14	7 6	4 30	6 23	3 42	11 3	1 0	14 53	2 3	23 34	0 12	0 6	2 22	11 32	0 47	22 14	0 4	21 52	1 3	19 29	19 24	10 42			n.a.
S 11	16 31	13 6	4 54	6 27	3 45	11 30	0 58	14 40	2 4	23 35	0 12	0 4	2 22	11 32	0 47	22 14	0 4	21 52	1 3	19 32	19 25	10 39			n.a.
S 12	16 48	18 22	5 1	6 33	3 46	11 58	0 56	14 26	2 5	23 36	0 12	0 1	2 22	11 32	0 47	22 14	0 4	21 53	1 3	19 34	19 26	10 36			n.a.
M13	17 4	22 32	4 49	6 41	3 47	12 24	0 54	14 12	2 6	23 37	0 13	0n 1	2 22	11 32	0 47	22 14	0 4	21 53	1 3	19 37	19 27	10 33			n.a.
T 14	17 21	25 22	4 21	6 52	3 46	12 51	0 52	13 59	2 7	23 38	0 13	0 4	2 23	11 32	0 47	22 14	0 4	21 53	1 2	19 39	19 27	10 30			n.a.
W15	17 37	26 42	3 39	7 6	3 45	13 17	0 50	13 45	2 8	23 39	0 13	0 6	2 23	11 32	0 47	22 14	0 4	21 53	1 2	19 41	19 28	10 27			n.a.
T 16	17 53	26 31	2 47	7 21	3 42	13 43	0 48	13 31	2 9	23 40	0 13	0 8	2 23	11 32	0 47	22 14	0 4	21 54	1 2	19 43	19 29	10 24			n.a.
F 17	18 8	24 58	1 48	7 39	3 39	14 9	0 46	13 17	2 10	23 40	0 13	0 11	2 23	11 32	0 47	22 14	0 4	21 54	1 2	19 44	19 30	10 21			n.a.
S 18	18 23	22 15	0 45	8 0	3 35	14 34	0 44	13 3	2 11	23 41	0 13	0 13	2 23	11 32	0 47	22 14	0 5	21 54	1 2	19 44	19 30	10 18			n.a.
S 19	18 38	18 36	0n19	8 22	3 30	14 59	0 42	12 49	2 12	23 42	0 13	0 15	2 23	11 32	0 47	22 15	0 5	21 54	1 2	19 44	19 31	10 15			n.a.
M20	18 53	14 15	1 21	8 46	3 24	15 24	0 40	12 34	2 13	23 43	0 13	0 18	2 24	11 32	0 47	22 15	0 5	21 54	1 2	19 44	19 32	10 12			n.a.
T 21	19 7	9 23	2 20	9 12	3 18	15 48	0 37	12 20	2 15	23 44	0 13	0 20	2 24	11 32	0 47	22 15	0 5	21 55	1 2	19 44	19 33	10 8			n.a.
W22	19 21	4 12	3 12	9 40	3 11	16 12	0 35	12 6	2 16	23 45	0 13	0 22	2 24	11 31	0 47	22 15	0 5	21 55	1 2	19 45	19 33	10 5			n.a.
T 23	19 35	1n11	3 57	10 9	3 3	16 35	0 33	11 52	2 17	23 45	0 13	0 24	2 24	11 31	0 47	22 15	0 5	21 55	1 2	19 45	19 34	10 2			n.a.
F 24	19 48	6 36	4 32	10 40	2 55	16 58	0 31	11 37	2 18	23 46	0 13	0 27	2 24	11 31	0 47	22 15	0 5	21 55	1 2	19 47	19 35	9 59			n.a.
S 25	20 1	11 52	4 55	11 13	2 46	17 21	0 28	11 23	2 19	23 47	0 14	0 29	2 24	11 31	0 47	22 15	0 5	21 56	1 2	19 49	19 36	9 56			n.a.
S 26	20 14	16 46	5 4	11 47	2 37	17 43	0 26	11 9	2 20	23 48	0 14	0 31	2 25	11 31	0 47	22 15	0 5	21 56	1 2	19 51	19 36	9 53			n.a.
M27	20 26	21 1	4 57	12 22	2 27	18 4	0 24	10 54	2 21	23 48	0 14	0 33	2 25	11 30	0 47	22 16	0 5	21 56	1 2	19 53	19 37	9 50			n.a.
T 28	20 38	24 18	4 35	12 58	2 17	18 26	0 21	10 40	2 22	23 49	0 14	0 35	2 25	11 30	0 47	22 16	0 5	21 56	1 1	19 56	19 38	9 47			n.a.
W29	20 50	26 17	3 56	13 35	2 6	18 46	0 19	10 25	2 23	23 50	0 14	0 37	2 25	11 30	0 47	22 16	0 5	21 57	1 1	19 58	19 39	9 44			n.a.
T 30	21 1	26 42	3 4	14 13	1 55	19 7	0 17	10 11	2 24	23 50	0 14	0 39	2 25	11 29	0 46	22 16	0 5	21 57	1 1	19 59	19 39	9 41			n.a.
F 31	21n12	25n25	1n59	14n52	1s44	19n26	0s14	9s56	2s25	23n51	0n14	0n41	2s26	11n29	0n46	22s16	0s 5	21n57	1s 1	20s 0	19s40	9s38			n.a.

Julian Day Number = 1611968.5, Delta T = 03h52m43s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'31, Lahiri = - 8°05'31 Julian Calendar 1 May 300 BCE == Greg. Calendar 27 Apr. 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

JUNE 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 19 54	4♊56'03	22♋58	16♉36	27♉59	11♓12	24♊42	7♈20	2♍22	20°R11	15♊49	1°R46	3♒12	29♒40	n.a.	S 1
S 2	16 23 51	5°53'10	7♌ 7	18°17	29°13	11°52	24°55	7°26	2°23	20♑10	15°51	1°D45	3° 9	29°47	n.a.	S 2
M 3	16 27 47	6°50'17	21°17	20° 0	0♊27	12°31	25° 8	7°31	2°24	20° 8	15°52	1♒46	3° 6	29°54	n.a.	M 3
T 4	16 31 44	7°47'23	5♍27	21°47	1°40	13°11	25°21	7°36	2°25	20° 7	15°54	1°R47	3° 3	0♓ 0	n.a.	T 4
W 5	16 35 41	8°44'29	19°36	23°37	2°54	13°50	25°34	7°41	2°26	20° 6	15°56	1°46	2°59	0° 7	n.a.	W 5
T 6	16 39 37	9°41'36	3♎41	25°30	4° 7	14°30	25°47	7°46	2°27	20° 5	15°57	1°44	2°56	0°14	n.a.	T 6
F 7	16 43 34	10°38'42	17°42	27°26	5°21	15° 9	26° 0	7°51	2°28	20° 4	15°59	1°40	2°53	0°20	n.a.	F 7
S 8	16 47 30	11°35'48	1♏36	29°24	6°35	15°48	26°13	7°56	2°30	20° 3	16° 0	1°33	2°50	0°27	n.a.	S 8
S 9	16 51 27	12°32'54	15°19	1♊24	7°48	16°26	26°26	8° 1	2°31	20° 2	16° 2	1°26	2°47	0°34	n.a.	S 9
M10	16 55 23	13°30'01	28°50	3°26	9° 2	17° 5	26°39	8° 5	2°32	20° 0	16° 3	1°18	2°43	0°40	n.a.	M10
T 11	16 59 20	14°27'08	12♐ 5	5°30	10°16	17°44	26°52	8°10	2°34	19°59	16° 5	1°10	2°40	0°47	n.a.	T 11
W12	17 3 16	15°24'15	25° 4	7°36	11°30	18°22	27° 5	8°14	2°35	19°58	16° 6	1° 4	2°37	0°54	n.a.	W12
T 13	17 7 13	16°21'23	7♑46	9°42	12°43	19° 0	27°19	8°19	2°37	19°57	16° 8	1° 0	2°34	1° 0	n.a.	T 13
F 14	17 11 10	17°18'31	20°11	11°50	13°57	19°38	27°32	8°23	2°38	19°55	16°10	0°57	2°31	1° 7	n.a.	F 14
S 15	17 15 6	18°15'40	2♒22	13°58	15°11	20°16	27°45	8°28	2°40	19°54	16°11	0°D57	2°28	1°14	n.a.	S 15
S 16	17 19 3	19°12'49	14°22	16° 6	16°25	20°54	27°58	8°32	2°41	19°53	16°13	0°58	2°24	1°20	n.a.	S 16
M17	17 22 59	20°10'00	26°14	18°15	17°38	21°31	28°11	8°36	2°43	19°51	16°14	0°59	2°21	1°27	n.a.	M17
T 18	17 26 56	21° 7'11	8♓ 3	20°23	18°52	22° 9	28°25	8°40	2°45	19°50	16°16	1° 1	2°18	1°34	n.a.	T 18
W19	17 30 52	22° 4'23	19°55	22°31	20° 6	22°46	28°38	8°44	2°47	19°49	16°17	1°R 1	2°15	1°40	n.a.	W19
T 20	17 34 49	23° 1'35	1♈54	24°37	21°20	23°23	28°51	8°48	2°48	19°47	16°19	1° 1	2°12	1°47	n.a.	T 20
F 21	17 38 45	23°58'49	14° 5	26°43	22°34	24° 0	29° 4	8°52	2°50	19°46	16°21	0°59	2° 8	1°54	n.a.	F 21
S 22	17 42 42	24°56'04	26°32	28°48	23°48	24°36	29°18	8°55	2°52	19°44	16°22	0°56	2° 5	2° 0	n.a.	S 22
S 23	17 46 39	25°53'20	9♉19	0♋52	25° 2	25°12	29°31	8°59	2°54	19°43	16°24	0°51	2° 2	2° 7	n.a.	S 23
M24	17 50 35	26°50'36	22°28	2°54	26°15	25°49	29°44	9° 2	2°56	19°41	16°25	0°46	1°59	2°14	n.a.	M24
T 25	17 54 32	27°47'54	5♊59	4°55	27°29	26°24	29°57	9° 6	2°58	19°40	16°27	0°41	1°56	2°20	n.a.	T 25
W26	17 58 28	28°45'13	19°52	6°55	28°43	27° 0	0♌11	9° 9	3° 0	19°38	16°28	0°36	1°53	2°27	n.a.	W26
T 27	18 2 25	29°42'33	4♌ 1	8°53	29°57	27°36	0°24	9°12	3° 2	19°37	16°30	0°33	1°49	2°34	n.a.	T 27
F 28	18 6 21	0♌39'53	18°24	10°49	1♌11	28°11	0°37	9°15	3° 5	19°35	16°31	0°31	1°46	2°40	n.a.	F 28
S 29	18 10 18	1°37'15	2♌55	12°44	2°25	28°46	0°51	9°18	3° 7	19°34	16°33	0°D30	1°43	2°47	n.a.	S 29
S 30	18 14 15	2♌34'37	17♌27	14♌37	3♌39	29♓21	1♌ 4	9♈21	3♍ 9	19♑32	16♊34	0♒31	1♒40	2♓54	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n23	22n31	0n47	15n31	1s33	19n46	0s12	9s42	2s26	23n52	0n14	0n43	2s26	11n29	0n46	22s16	0s 5	21n57	1s 1	20s 1	19s41	9s35		n.a.
S 2	21 33	18 15	0s29	16 11	1 21	20 4	0 9	9 27	2 27	23 52	0 14	0 45	2 26	11 28	0 46	22 17	0 5	21 57	1 1	20 1	19 42	9 31		n.a.
M 3	21 43	12 57	1 43	16 51	1 9	20 23	0 7	9 13	2 28	23 53	0 14	0 47	2 26	11 28	0 46	22 17	0 5	21 58	1 1	20 1	19 42	9 28		n.a.
T 4	21 53	6 59	2 51	17 31	0 57	20 40	0 5	8 58	2 29	23 53	0 14	0 49	2 27	11 28	0 46	22 17	0 5	21 58	1 1	20 0	19 43	9 25		n.a.
W 5	22 2	0 41	3 48	18 11	0 45	20 57	0 2	8 44	2 30	23 54	0 15	0 51	2 27	11 27	0 46	22 17	0 5	21 58	1 1	20 1	19 44	9 22		n.a.
T 6	22 11	5s37	4 31	18 50	0 33	21 14	0n 0	8 29	2 31	23 54	0 15	0 52	2 27	11 27	0 46	22 17	0 5	21 58	1 1	20 1	19 45	9 19		n.a.
F 7	22 19	11 36	4 58	19 29	0 21	21 30	0 2	8 15	2 32	23 55	0 15	0 54	2 27	11 26	0 46	22 17	0 5	21 59	1 1	20 2	19 45	9 16		n.a.
S 8	22 27	16 57	5 7	20 7	0 10	21 45	0 5	8 0	2 33	23 55	0 15	0 56	2 27	11 26	0 46	22 18	0 5	21 59	1 1	20 3	19 46	9 13		n.a.
S 9	22 35	21 22	4 58	20 43	0n 2	22 0	0 7	7 46	2 34	23 56	0 15	0 58	2 28	11 25	0 46	22 18	0 5	21 59	1 1	20 5	19 47	9 10		n.a.
M10	22 42	24 34	4 33	21 19	0 13	22 14	0 10	7 32	2 34	23 56	0 15	0 59	2 28	11 25	0 46	22 18	0 5	21 59	1 1	20 7	19 47	9 7		n.a.
T 11	22 49	26 22	3 53	21 52	0 24	22 27	0 12	7 17	2 35	23 57	0 15	1 1	2 28	11 24	0 46	22 18	0 5	21 59	1 1	20 9	19 48	9 4		n.a.
W12	22 55	26 40	3 2	22 24	0 34	22 40	0 14	7 3	2 36	23 57	0 15	1 2	2 28	11 24	0 46	22 18	0 5	22 0	1 1	20 10	19 49	9 1		n.a.
T 13	23 1	25 32	2 2	22 54	0 44	22 52	0 17	6 48	2 37	23 58	0 15	1 4	2 29	11 23	0 46	22 19	0 5	22 0	1 0	20 11	19 50	8 57		n.a.
F 14	23 7	23 9	0 58	23 21	0 53	23 4	0 19	6 34	2 38	23 58	0 15	1 5	2 29	11 22	0 46	22 19	0 5	22 0	1 0	20 11	19 50	8 54		n.a.
S 15	23 12	19 45	0n 8	23 46	1 2	23 15	0 21	6 20	2 39	23 58	0 15	1 7	2 29	11 22	0 46	22 19	0 5	22 0	1 0	20 12	19 51	8 51		n.a.
S 16	23 17	15 34	1 12	24 9	1 9	23 25	0 23	6 6	2 40	23 59	0 16	1 8	2 29	11 21	0 46	22 19	0 5	22 1	1 0	20 11	19 52	8 48		n.a.
M17	23 22	10 51	2 13	24 29	1 17	23 35	0 26	5 51	2 41	23 59	0 16	1 10	2 30	11 20	0 46	22 20	0 5	22 1	1 0	20 11	19 53	8 45		n.a.
T 18	23 26	5 45	3 8	24 46	1 23	23 43	0 28	5 37	2 42	23 59	0 16	1 11	2 30	11 20	0 46	22 20	0 5	22 1	1 0	20 11	19 53	8 42		n.a.
W19	23 30	0 27	3 55	25 0	1 29	23 52	0 30	5 23	2 43	23 59	0 16	1 13	2 30	11 19	0 46	22 20	0 5	22 1	1 0	20 11	19 54	8 39		n.a.
T 20	23 33	4n55	4 32	25 12	1 34	23 59	0 32	5 9	2 43	24 0	0 16	1 14	2 30	11 18	0 46	22 20	0 5	22 1	1 0	20 11	19 55	8 36		n.a.
F 21	23 36	10 11	4 58	25 20	1 39	24 6	0 35	4 55	2 44	24 0	0 16	1 15	2 31	11 18	0 46	22 20	0 5	22 2	1 0	20 11	19 55	8 33		n.a.
S 22	23 38	15 10	5 11	25 26	1 42	24 12	0 37	4 41	2 45	24 0	0 16	1 16	2 31	11 17	0 46	22 21	0 5	22 2	1 0	20 12	19 56	8 30		n.a.
S 23	23 40	19 38	5 8	25 29	1 45	24 17	0 39	4 28	2 46	24 0	0 16	1 18	2 31	11 16	0 45	22 21	0 5	22 2	1 0	20 13	19 57	8 26		n.a.
M24	23 42	23 16	4 50	25 30	1 48	24 22	0 41	4 14	2 47	24 0	0 16	1 19	2 31	11 15	0 45	22 21	0 5	22 2	1 0	20 14	19 58	8 23		n.a.
T 25	23 43	25 45	4 15	25 27	1 49	24 26	0 43	4 0	2 47	24 0	0 16	1 20	2 32	11 15	0 45	22 21	0 5	22 3	1 0	20 15	19 58	8 20		n.a.
W26	23 44	26 44	3 24	25 23	1 50	24 29	0 45	3 46	2 48	24 0	0 16	1 21	2 32	11 14	0 45	22 22	0 5	22 3	1 0	20 16	19 59	8 17		n.a.
T 27	23 44	26 0	2 20	25 16	1 50	24 31	0 47	3 33	2 49	24 1	0 17	1 22	2 32	11 13	0 45	22 22	0 5	22 3	1 0	20 17	20 0	8 14		n.a.
F 28	23 44	23 32	1 6	25 7	1 50	24 33	0 49	3 19	2 50	24 1	0 17	1 23	2 32	11 12	0 45	22 22	0 5	22 3	1 0	20 17	20 1	8 11		n.a.
S 29	23 43	19 32	0s13	24 55	1 49	24 33	0 51	3 6	2 51	24 1	0 17	1 24	2 33	11 11	0 45	22 22	0 5	22 3	1 0	20 17	20 1	8 8		n.a.
S 30	23n42	14n20	1s32	24n42	1n47	24n34	0n53	2s53	2s51	24n 1	0n17	1n25	2s33	11n10	0n45	22s22	0s 5	22n 4	0s59	20s17	20s 2	8s 5		n.a.

Julian Day Number = 1611999.5, Delta T = 03h52m42s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'27, Lahiri = - 8°05'26 Julian Calendar 1 June 300 BCE == Greg. Calendar 28 May 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

JULY 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 18 11	3♋32'00	1♍57	16♋29	4♋54	29♓55	1♋17	9♈24	3♍11	19°R31	16♊36	0♒32	1♒37	3♓ 0	n.a.	M 1
T 2	18 22 8	4°29'23	16°19	18°19	6° 8	0♈29	1°30	9°27	3°14	19♉29	16°37	0°34	1°34	3° 7	n.a.	T 2
W 3	18 26 4	5°26'47	0♎32	20° 7	7°22	1° 3	1°44	9°30	3°16	19°28	16°39	0°R34	1°30	3°14	n.a.	W 3
T 4	18 30 1	6°24'12	14°33	21°54	8°36	1°37	1°57	9°32	3°19	19°26	16°40	0°34	1°27	3°20	n.a.	T 4
F 5	18 33 57	7°21'38	28°21	23°39	9°50	2°10	2°10	9°35	3°21	19°25	16°42	0°33	1°24	3°27	n.a.	F 5
S 6	18 37 54	8°19'05	11♏55	25°23	11° 4	2°43	2°24	9°37	3°24	19°23	16°43	0°31	1°21	3°34	n.a.	S 6
S 7	18 41 50	9°16'33	25°15	27° 5	12°18	3°16	2°37	9°39	3°26	19°21	16°45	0°28	1°18	3°40	n.a.	S 7
M 8	18 45 47	10°14'02	8♐22	28°45	13°32	3°49	2°50	9°41	3°29	19°20	16°46	0°25	1°14	3°47	n.a.	M 8
T 9	18 49 44	11°11'32	21°14	0♑24	14°46	4°21	3° 3	9°43	3°31	19°18	16°48	0°22	1°11	3°54	n.a.	T 9
W10	18 53 40	12° 9'03	3♑53	2° 1	16° 0	4°53	3°16	9°45	3°34	19°16	16°49	0°20	1° 8	4° 0	n.a.	W10
T 11	18 57 37	13° 6'35	16°19	3°37	17°15	5°25	3°30	9°47	3°37	19°15	16°51	0°19	1° 5	4° 7	n.a.	T 11
F 12	19 1 33	14° 4'08	28°33	5°11	18°29	5°57	3°43	9°49	3°40	19°13	16°52	0°D18	1° 2	4°14	n.a.	F 12
S 13	19 5 30	15° 1'43	10♒36	6°44	19°43	6°28	3°56	9°51	3°42	19°12	16°53	0°18	0°59	4°20	n.a.	S 13
S 14	19 9 26	15°59'20	22°32	8°15	20°57	6°58	4° 9	9°52	3°45	19°10	16°55	0°19	0°55	4°27	n.a.	S 14
M15	19 13 23	16°56'58	4♓22	9°44	22°11	7°29	4°22	9°54	3°48	19° 8	16°56	0°20	0°52	4°34	n.a.	M15
T 16	19 17 19	17°54'37	16°11	11°12	23°26	7°59	4°35	9°55	3°51	19° 7	16°58	0°22	0°49	4°40	n.a.	T 16
W17	19 21 16	18°52'18	28° 3	12°38	24°40	8°29	4°48	9°56	3°54	19° 5	16°59	0°23	0°46	4°47	n.a.	W17
T 18	19 25 13	19°50'01	10♈ 1	14° 3	25°54	8°58	5° 1	9°57	3°57	19° 3	17° 0	0°23	0°43	4°54	n.a.	T 18
F 19	19 29 9	20°47'46	22°11	15°26	27° 9	9°27	5°14	9°58	4° 0	19° 2	17° 2	0°R24	0°40	5° 0	n.a.	F 19
S 20	19 33 6	21°45'32	4♉36	16°47	28°23	9°56	5°27	9°59	4° 3	19° 0	17° 3	0°23	0°36	5° 7	n.a.	S 20
S 21	19 37 2	22°43'20	17°22	18° 6	29°37	10°24	5°40	10° 0	4° 6	18°59	17° 4	0°23	0°33	5°14	n.a.	S 21
M22	19 40 59	23°41'11	0♊31	19°24	0♌52	10°52	5°53	10° 1	4° 9	18°57	17° 6	0°22	0°30	5°20	n.a.	M22
T 23	19 44 55	24°39'03	14° 5	20°40	2° 6	11°20	6° 6	10° 1	4°12	18°55	17° 7	0°21	0°27	5°27	n.a.	T 23
W24	19 48 52	25°36'57	28° 4	21°54	3°20	11°47	6°19	10° 2	4°15	18°54	17° 8	0°21	0°24	5°34	n.a.	W24
T 25	19 52 48	26°34'52	12♋26	23° 6	4°35	12°14	6°32	10° 2	4°18	18°52	17° 9	0°20	0°20	5°40	n.a.	T 25
F 26	19 56 45	27°32'50	27° 7	24°17	5°49	12°40	6°45	10° 2	4°22	18°50	17°11	0°D20	0°17	5°47	n.a.	F 26
S 27	20 0 42	28°30'49	12♌ 0	25°25	7° 3	13° 6	6°58	10° 2	4°25	18°49	17°12	0°20	0°14	5°54	n.a.	S 27
S 28	20 4 38	29°28'49	26°57	26°30	8°18	13°31	7°10	10°R 2	4°28	18°47	17°13	0°20	0°11	6° 0	n.a.	S 28
M29	20 8 35	0♌26'52	11♍50	27°34	9°32	13°56	7°23	10° 2	4°31	18°46	17°14	0°R20	0° 8	6° 7	n.a.	M29
T 30	20 12 31	1°24'55	26°32	28°35	10°47	14°21	7°36	10° 2	4°35	18°44	17°16	0°20	0° 5	6°14	n.a.	T 30
W31	20 16 28	2♌23'00	10♎58	29♌33	12♌ 1	14♈45	7♋48	10♈ 2	4♍38	18♉42	17♊17	0♒20	0♒ 1	6♓20	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n41	8n21	2s44	24n27	1n45	24n33	0n55	2s40	2s52	24n 1	0n17	1n26	2s33	11n10	0n45	22s23	0s 5	22n 4	0s59	20s17	20s 3	8s 2			n.a.
T 2	23 39	2 0	3 46	24 9	1 43	24 32	0 56	2 27	2 53	24 1	0 17	1 26	2 33	11 9	0 45	22 23	0 5	22 4	0 59	20 17	20 3	7 58			n.a.
W 3	23 37	4s22	4 33	23 51	1 40	24 30	0 58	2 14	2 54	24 0	0 17	1 27	2 34	11 8	0 45	22 23	0 5	22 4	0 59	20 16	20 4	7 55			n.a.
T 4	23 35	10 26	5 2	23 30	1 36	24 27	1 0	2 1	2 54	24 0	0 17	1 28	2 34	11 7	0 45	22 23	0 5	22 4	0 59	20 17	20 5	7 52			n.a.
F 5	23 32	15 54	5 14	23 8	1 32	24 23	1 2	1 48	2 55	24 0	0 17	1 29	2 34	11 6	0 45	22 24	0 5	22 5	0 59	20 17	20 6	7 49			n.a.
S 6	23 28	20 28	5 8	22 45	1 27	24 19	1 3	1 35	2 56	24 0	0 18	1 29	2 35	11 5	0 45	22 24	0 5	22 5	0 59	20 17	20 6	7 46			n.a.
S 7	23 24	23 56	4 46	22 21	1 22	24 14	1 5	1 23	2 56	24 0	0 18	1 30	2 35	11 4	0 45	22 24	0 5	22 5	0 59	20 18	20 7	7 43			n.a.
M 8	23 20	26 3	4 9	21 55	1 17	24 8	1 6	1 10	2 57	24 0	0 18	1 31	2 35	11 3	0 45	22 24	0 5	22 5	0 59	20 18	20 8	7 40			n.a.
T 9	23 15	26 45	3 19	21 28	1 11	24 1	1 8	0 58	2 58	24 0	0 18	1 31	2 35	11 2	0 45	22 25	0 5	22 5	0 59	20 19	20 8	7 37			n.a.
W10	23 10	26 1	2 21	21 1	1 5	23 54	1 9	0 46	2 58	23 59	0 18	1 32	2 36	11 1	0 45	22 25	0 5	22 6	0 59	20 20	20 9	7 33			n.a.
T 11	23 5	23 59	1 17	20 32	0 59	23 46	1 11	0 33	2 59	23 59	0 18	1 32	2 36	11 0	0 45	22 25	0 5	22 6	0 59	20 20	20 10	7 30			n.a.
F 12	22 59	20 52	0 10	20 3	0 52	23 38	1 12	0 21	3 0	23 59	0 18	1 33	2 36	10 59	0 45	22 25	0 5	22 6	0 59	20 20	20 10	7 27			n.a.
S 13	22 52	16 53	0n57	19 33	0 45	23 28	1 13	0 10	3 0	23 59	0 18	1 33	2 37	10 58	0 45	22 26	0 5	22 6	0 59	20 20	20 11	7 24			n.a.
S 14	22 46	12 17	2 0	19 2	0 38	23 18	1 14	0n 2	3 1	23 58	0 18	1 33	2 37	10 57	0 45	22 26	0 5	22 6	0 59	20 20	20 12	7 21			n.a.
M15	22 39	7 16	2 58	18 31	0 30	23 7	1 16	0 14	3 2	23 58	0 18	1 34	2 37	10 56	0 45	22 26	0 5	22 7	0 59	20 20	20 13	7 18			n.a.
T 16	22 31	2 1	3 48	17 59	0 22	22 56	1 17	0 25	3 2	23 58	0 19	1 34	2 37	10 55	0 45	22 26	0 5	22 7	0 59	20 19	20 13	7 15			n.a.
W17	22 23	3n18	4 28	17 27	0 14	22 44	1 18	0 37	3 3	23 57	0 19	1 34	2 38	10 54	0 45	22 27	0 5	22 7	0 59	20 19	20 14	7 12			n.a.
T 18	22 15	8 34	4 57	16 55	0 6	22 31	1 19	0 48	3 3	23 57	0 19	1 34	2 38	10 52	0 45	22 27	0 5	22 7	0 59	20 19	20 15	7 8			n.a.
F 19	22 6	13 35	5 14	16 22	0s 3	22 17	1 20	0 59	3 4	23 57	0 19	1 34	2 38	10 51	0 45	22 27	0 5	22 7	0 59	20 19	20 15	7 5			n.a.
S 20	21 57	18 10	5 16	15 49	0 11	22 3	1 20	1 10	3 4	23 56	0 19	1 35	2 39	10 50	0 45	22 27	0 5	22 7	0 58	20 19	20 16	7 2			n.a.
S 21	21 48	22 4	5 3	15 16	0 20	21 48	1 21	1 20	3 5	23 56	0 19	1 35	2 39	10 49	0 45	22 28	0 5	22 8	0 58	20 19	20 17	6 59			n.a.
M22	21 38	24 59	4 34	14 43	0 29	21 33	1 22	1 31	3 5	23 55	0 19	1 35	2 39	10 48	0 45	22 28	0 5	22 8	0 58	20 19	20 17	6 56			n.a.
T 23	21 27	26 34	3 50	14 10	0 39	21 17	1 23	1 41	3 6	23 55	0 19	1 35	2 39	10 47	0 45	22 28	0 5	22 8	0 58	20 19	20 18	6 53			n.a.
W24	21 17	26 33	2 50	13 37	0 48	21 0	1 23	1 52	3 6	23 54	0 19	1 34	2 40	10 46	0 45	22 28	0 5	22 8	0 58	20 19	20 19	6 50			n.a.
T 25	21 6	24 46	1 38	13 5	0 58	20 43	1 24	2 2	3 7	23 54	0 20	1 34	2 40	10 44	0 44	22 29	0 5	22 8	0 58	20 20	20 19	6 47			n.a.
F 26	20 54	21 17	0 18	12 32	1 7	20 25	1 24	2 12	3 7	23 53	0 20	1 34	2 40	10 43	0 44	22 29	0 5	22 8	0 58	20 20	20 20	6 43			n.a.
S 27	20 43	16 23	1s 4	12 0	1 17	20 6	1 25	2 21	3 8	23 53	0 20	1 34	2 41	10 42	0 44	22 29	0 5	22 9	0 58	20 20	20 21	6 40			n.a.
S 28	20 31	10 27	2 23	11 29	1 27	19 47	1 25	2 31	3 8	23 52	0 20	1 34	2 41	10 41	0 44	22 29	0 5	22 9	0 58	20 20	20 22	6 37			n.a.
M29	20 18	3 58	3 31	10 57	1 36	19 27	1 25	2 40	3 8	23 51	0 20	1 33	2 41	10 39	0 44	22 30	0 5	22 9	0 58	20 20	20 22	6 34			n.a.
T 30	20 5	2s38	4 24	10 27	1 46	19 7	1 26	2 50	3 9	23 51	0 20	1 33	2 41	10 38	0 44	22 30	0 6	22 9	0 58	20 20	20 23	6 31			n.a.
W31	19n52	8s58	5s 0	9n57	1s56	18n46	1n26	2n59	3s 9	23n50	0n20	1n33	2s42	10n37	0n44	22s30	0s 6	22n 9	0s58	20s20	20s24	6s28			n.a.

Julian Day Number = 1612029.5, Delta T = 03h52m41s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'23, Lahiri = - 8°05'22 Julian Calendar 1 July 300 BCE == Greg. Calendar 27 June 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

AUGUST 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 20 24	3♌21'07	25♎ 4	0♍29	13♌15	15♈ 8	8♋ 1	10°R 1	4♍41	18°R41	17♊18	0°R20	29♉58	6♓27	n.a.	T 1
F 2	20 24 21	4°19'15	8♏49	1°22	14°30	15°31	8°14	10♈ 1	4°45	18♉39	17°19	0°D20	29°55	6°34	n.a.	F 2
S 3	20 28 17	5°17'25	22°14	2°12	15°44	15°54	8°26	10° 0	4°48	18°38	17°20	0♒20	29°52	6°40	n.a.	S 3
S 4	20 32 14	6°15'36	5♐20	2°58	16°59	16°16	8°39	10° 0	4°52	18°36	17°21	0°21	29°49	6°47	n.a.	S 4
M 5	20 36 11	7°13'49	18° 8	3°41	18°13	16°37	8°51	9°59	4°55	18°35	17°22	0°21	29°46	6°54	n.a.	M 5
T 6	20 40 7	8°12'04	0♑42	4°20	19°28	16°58	9° 3	9°58	4°58	18°33	17°23	0°22	29°42	7° 0	n.a.	T 6
W 7	20 44 4	9°10'20	13° 3	4°55	20°42	17°19	9°16	9°57	5° 2	18°32	17°25	0°23	29°39	7° 7	n.a.	W 7
T 8	20 48 0	10° 8'38	25°13	5°26	21°57	17°39	9°28	9°56	5° 5	18°30	17°26	0°R23	29°36	7°14	n.a.	T 8
F 9	20 51 57	11° 6'58	7♒16	5°53	23°11	17°58	9°40	9°54	5° 9	18°29	17°27	0°23	29°33	7°20	n.a.	F 9
S 10	20 55 53	12° 5'20	19°12	6°14	24°26	18°17	9°52	9°53	5°13	18°27	17°28	0°22	29°30	7°27	n.a.	S 10
S 11	20 59 50	13° 3'44	1♓ 3	6°30	25°40	18°35	10° 5	9°52	5°16	18°26	17°29	0°21	29°26	7°34	n.a.	S 11
M12	21 3 46	14° 2'10	12°53	6°41	26°55	18°52	10°17	9°50	5°20	18°24	17°30	0°19	29°23	7°40	n.a.	M12
T 13	21 7 43	15° 0'38	24°42	6°R46	28° 9	19° 9	10°29	9°48	5°23	18°23	17°31	0°17	29°20	7°47	n.a.	T 13
W14	21 11 40	15°59'08	6♈35	6°44	29°24	19°26	10°41	9°47	5°27	18°21	17°31	0°15	29°17	7°54	n.a.	W14
T 15	21 15 36	16°57'40	18°34	6°36	0♍38	19°41	10°52	9°45	5°31	18°20	17°32	0°13	29°14	8° 0	n.a.	T 15
F 16	21 19 33	17°56'15	0♉43	6°22	1°53	19°56	11° 4	9°43	5°34	18°19	17°33	0°11	29°11	8° 7	n.a.	F 16
S 17	21 23 29	18°54'52	13° 6	6° 0	3° 7	20°11	11°16	9°41	5°38	18°17	17°34	0°10	29° 7	8°14	n.a.	S 17
S 18	21 27 26	19°53'31	25°46	5°32	4°22	20°24	11°28	9°38	5°42	18°16	17°35	0°D10	29° 4	8°20	n.a.	S 18
M19	21 31 22	20°52'13	8♊49	4°56	5°36	20°37	11°39	9°36	5°45	18°15	17°36	0°11	29° 1	8°27	n.a.	M19
T 20	21 35 19	21°50'57	22°16	4°14	6°51	20°49	11°51	9°34	5°49	18°13	17°37	0°12	28°58	8°34	n.a.	T 20
W21	21 39 15	22°49'43	6♋11	3°26	8° 5	21° 1	12° 3	9°31	5°53	18°12	17°37	0°14	28°55	8°41	n.a.	W21
T 22	21 43 12	23°48'32	20°32	2°32	9°20	21°11	12°14	9°29	5°56	18°11	17°38	0°15	28°52	8°47	n.a.	T 22
F 23	21 47 9	24°47'23	5♌17	1°32	10°34	21°21	12°25	9°26	6° 0	18°10	17°39	0°R15	28°48	8°54	n.a.	F 23
S 24	21 51 5	25°46'16	20°19	0°29	11°49	21°31	12°37	9°23	6° 4	18° 8	17°40	0°14	28°45	9° 1	n.a.	S 24
S 25	21 55 2	26°45'12	5♍32	29♌24	13° 3	21°39	12°48	9°20	6° 8	18° 7	17°40	0°12	28°42	9° 7	n.a.	S 25
M26	21 58 58	27°44'09	20°44	28°17	14°18	21°47	12°59	9°18	6°11	18° 6	17°41	0° 8	28°39	9°14	n.a.	M26
T 27	22 2 55	28°43'08	5♎46	27°11	15°32	21°53	13°10	9°15	6°15	18° 5	17°42	0° 4	28°36	9°21	n.a.	T 27
W28	22 6 51	29°42'09	20°29	26° 8	16°47	21°59	13°21	9°11	6°19	18° 4	17°42	0° 0	28°32	9°27	n.a.	W28
T 29	22 10 48	0♍41'13	4♏48	25° 8	18° 1	22° 4	13°32	9° 8	6°23	18° 3	17°43	29♉57	28°29	9°34	n.a.	T 29
F 30	22 14 44	1°40'18	18°40	24°14	19°16	22° 9	13°43	9° 5	6°27	18° 1	17°43	29°55	28°26	9°41	n.a.	F 30
S 31	22 18 41	2♍39'25	2♐ 5	23♌27	20♍30	22♈12	13♋53	9♈ 2	6♍30	18♉ 0	17♊44	29°D54	28♉23	9♓47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n39	14s42	5s16	9n28	2s 6	18n25	1n26	3n 7	3s 9	23n50	0n20	1n32	2s42	10n36	0n44	22s30	0s 6	22n 9	0s58	20s20	20s24	6s25			n.a.
F 2	19 25	19 34	5 14	9 0	2 16	18 3	1 26	3 16	3 10	23 49	0 21	1 32	2 42	10 34	0 44	22 30	0 6	22 10	0 58	20 20	20 25	6 21			n.a.
S 3	19 11	23 17	4 55	8 33	2 26	17 41	1 26	3 25	3 10	23 48	0 21	1 31	2 43	10 33	0 44	22 31	0 6	22 10	0 58	20 20	20 26	6 18			n.a.
S 4	18 56	25 43	4 20	8 8	2 35	17 18	1 26	3 33	3 10	23 48	0 21	1 31	2 43	10 32	0 44	22 31	0 6	22 10	0 58	20 19	20 26	6 15			n.a.
M 5	18 41	26 44	3 34	7 43	2 45	16 55	1 26	3 41	3 11	23 47	0 21	1 30	2 43	10 31	0 44	22 31	0 6	22 10	0 58	20 19	20 27	6 12			n.a.
T 6	18 26	26 21	2 37	7 20	2 54	16 31	1 26	3 49	3 11	23 46	0 21	1 30	2 43	10 29	0 44	22 31	0 6	22 10	0 58	20 19	20 28	6 9			n.a.
W 7	18 11	24 39	1 35	6 59	3 3	16 7	1 25	3 56	3 11	23 45	0 21	1 29	2 44	10 28	0 44	22 32	0 6	22 10	0 58	20 19	20 28	6 6			n.a.
T 8	17 55	21 49	0 29	6 40	3 12	15 42	1 25	4 4	3 11	23 45	0 21	1 28	2 44	10 27	0 44	22 32	0 6	22 10	0 58	20 19	20 29	6 3			n.a.
F 9	17 39	18 4	0n38	6 22	3 20	15 17	1 25	4 11	3 11	23 44	0 21	1 28	2 44	10 25	0 44	22 32	0 6	22 11	0 58	20 19	20 30	6 0			n.a.
S 10	17 23	13 38	1 42	6 7	3 28	14 52	1 24	4 18	3 12	23 43	0 22	1 27	2 44	10 24	0 44	22 32	0 6	22 11	0 58	20 19	20 30	5 56			n.a.
S 11	17 6	8 43	2 42	5 54	3 35	14 26	1 23	4 25	3 12	23 42	0 22	1 26	2 45	10 23	0 44	22 32	0 6	22 11	0 58	20 19	20 31	5 53			n.a.
M12	16 49	3 31	3 34	5 44	3 42	13 59	1 23	4 32	3 12	23 41	0 22	1 25	2 45	10 21	0 44	22 33	0 6	22 11	0 57	20 20	20 32	5 50			n.a.
T 13	16 32	1n48	4 17	5 36	3 48	13 33	1 22	4 38	3 12	23 41	0 22	1 24	2 45	10 20	0 44	22 33	0 6	22 11	0 57	20 20	20 32	5 47			n.a.
W14	16 14	7 4	4 49	5 32	3 54	13 6	1 21	4 44	3 12	23 40	0 22	1 23	2 45	10 19	0 44	22 33	0 6	22 11	0 57	20 21	20 33	5 44			n.a.
T 15	15 57	12 7	5 9	5 31	3 58	12 38	1 21	4 50	3 12	23 39	0 22	1 22	2 46	10 17	0 44	22 33	0 6	22 11	0 57	20 21	20 34	5 41			n.a.
F 16	15 39	16 47	5 16	5 33	4 1	12 11	1 20	4 56	3 12	23 38	0 22	1 21	2 46	10 16	0 44	22 33	0 6	22 11	0 57	20 22	20 34	5 38			n.a.
S 17	15 20	20 50	5 8	5 40	4 3	11 42	1 19	5 1	3 12	23 37	0 22	1 20	2 46	10 14	0 44	22 34	0 6	22 12	0 57	20 22	20 35	5 34			n.a.
S 18	15 2	24 2	4 45	5 49	4 4	11 14	1 18	5 7	3 12	23 36	0 23	1 19	2 46	10 13	0 44	22 34	0 6	22 12	0 57	20 22	20 36	5 31			n.a.
M19	14 43	26 6	4 7	6 3	4 3	10 45	1 17	5 12	3 12	23 36	0 23	1 18	2 47	10 12	0 44	22 34	0 6	22 12	0 57	20 22	20 36	5 28			n.a.
T 20	14 24	26 44	3 14	6 21	4 0	10 16	1 16	5 16	3 11	23 35	0 23	1 17	2 47	10 10	0 44	22 34	0 6	22 12	0 57	20 21	20 37	5 25			n.a.
W21	14 4	25 44	2 9	6 43	3 56	9 47	1 14	5 21	3 11	23 34	0 23	1 16	2 47	10 9	0 44	22 34	0 6	22 12	0 57	20 21	20 38	5 22			n.a.
T 22	13 45	23 1	0 53	7 8	3 49	9 18	1 13	5 25	3 11	23 33	0 23	1 14	2 47	10 7	0 44	22 35	0 6	22 12	0 57	20 21	20 38	5 19			n.a.
F 23	13 25	18 44	0s28	7 37	3 41	8 48	1 12	5 29	3 11	23 32	0 23	1 13	2 48	10 6	0 44	22 35	0 6	22 12	0 57	20 21	20 39	5 16			n.a.
S 24	13 5	13 11	1 48	8 9	3 30	8 18	1 11	5 33	3 10	23 31	0 23	1 12	2 48	10 5	0 44	22 35	0 6	22 12	0 57	20 21	20 40	5 12			n.a.
S 25	12 45	6 47	3 2	8 44	3 18	7 48	1 9	5 36	3 10	23 30	0 24	1 11	2 48	10 3	0 44	22 35	0 6	22 12	0 57	20 21	20 40	5 9			n.a.
M26	12 24	0 1	4 2	9 21	3 4	7 17	1 8	5 39	3 10	23 29	0 24	1 9	2 48	10 2	0 44	22 35	0 6	22 13	0 57	20 22	20 41	5 6			n.a.
T 27	12 4	6s40	4 46	9 58	2 48	6 47	1 6	5 42	3 9	23 28	0 24	1 8	2 48	10 0	0 44	22 35	0 6	22 13	0 57	20 23	20 42	5 3			n.a.
W28	11 43	12 51	5 9	10 36	2 30	6 16	1 4	5 45	3 9	23 27	0 24	1 6	2 49	9 59	0 44	22 36	0 6	22 13	0 57	20 24	20 42	5 0			n.a.
T 29	11 22	18 10	5 12	11 14	2 12	5 45	1 3	5 47	3 8	23 26	0 24	1 5	2 49	9 58	0 44	22 36	0 6	22 13	0 57	20 25	20 43	4 57			n.a.
F 30	11 1	22 20	4 57	11 50	1 52	5 14	1 1	5 50	3 8	23 25	0 24	1 3	2 49	9 56	0 44	22 36	0 6	22 13	0 57	20 25	20 44	4 54			n.a.
S 31	10n39	25s10	4s25	12n25	1s33	4n43	0n59	5n51	3s 7	23n24	0n24	1n 2	2s49	9n55	0n44	22s36	0s 6	22n13	0s57	20s25	20s44	4s50			n.a.

Julian Day Number = 1612060.5, Delta T = 03h52m40s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'19, Lahiri = - 8°05'18 Julian Calendar 1 Aug. 300 BCE == Greg. Calendar 28 July 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

SEPTEMBER 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 22 37	3♍38'33	15♐ 6	22°R48	21♍45	22♈15	14♋ 4	8°R58	6♍34	17°R59	17♊45	29♉55	28♉20	9♓54	n.a.	S 1
M 2	22 26 34	4°37'44	27°45	22♌19	22°59	22°17	14°15	8♈55	6°38	17♉58	17°45	29°56	28°17	10° 1	n.a.	M 2
T 3	22 30 31	5°36'57	10♑ 7	22° 0	24°14	22°18	14°25	8°51	6°42	17°57	17°46	29°58	28°13	10° 7	n.a.	T 3
W 4	22 34 27	6°36'11	22°16	21°D51	25°28	22°R18	14°36	8°47	6°45	17°56	17°46	29°59	28°10	10°14	n.a.	W 4
T 5	22 38 24	7°35'28	4♒16	21°53	26°43	22°17	14°46	8°44	6°49	17°55	17°46	29°R59	28° 7	10°21	n.a.	T 5
F 6	22 42 20	8°34'46	16°10	22° 5	27°57	22°15	14°56	8°40	6°53	17°55	17°47	29°58	28° 4	10°27	n.a.	F 6
S 7	22 46 17	9°34'06	28° 0	22°28	29°12	22°12	15° 6	8°36	6°57	17°54	17°47	29°54	28° 1	10°34	n.a.	S 7
S 8	22 50 13	10°33'29	9♓50	23° 1	0♎26	22° 9	15°16	8°32	7° 1	17°53	17°48	29°49	27°58	10°41	n.a.	S 8
M 9	22 54 10	11°32'53	21°41	23°42	1°41	22° 5	15°26	8°28	7° 4	17°52	17°48	29°42	27°54	10°47	n.a.	M 9
T 10	22 58 6	12°32'20	3♈34	24°32	2°55	21°59	15°36	8°24	7° 8	17°51	17°48	29°34	27°51	10°54	n.a.	T 10
W11	23 2 3	13°31'49	15°32	25°30	4°10	21°53	15°46	8°20	7°12	17°51	17°49	29°26	27°48	11° 1	n.a.	W11
T 12	23 6 0	14°31'21	27°36	26°35	5°24	21°46	15°55	8°15	7°16	17°50	17°49	29°18	27°45	11° 7	n.a.	T 12
F 13	23 9 56	15°30'54	9♉48	27°45	6°39	21°38	16° 5	8°11	7°20	17°49	17°49	29°11	27°42	11°14	n.a.	F 13
S 14	23 13 53	16°30'30	22°13	29° 2	7°53	21°29	16°14	8° 7	7°23	17°48	17°49	29° 6	27°38	11°21	n.a.	S 14
S 15	23 17 49	17°30'09	4♊51	0♍23	9° 7	21°20	16°23	8° 2	7°27	17°48	17°50	29° 3	27°35	11°28	n.a.	S 15
M16	23 21 46	18°29'50	17°48	1°48	10°22	21° 9	16°32	7°58	7°31	17°47	17°50	29°D 2	27°32	11°34	n.a.	M16
T 17	23 25 42	19°29'33	1♋ 7	3°16	11°36	20°58	16°41	7°54	7°35	17°47	17°50	29° 2	27°29	11°41	n.a.	T 17
W18	23 29 39	20°29'19	14°49	4°47	12°51	20°46	16°50	7°49	7°38	17°46	17°50	29° 3	27°26	11°48	n.a.	W18
T 19	23 33 35	21°29'07	28°58	6°21	14° 5	20°32	16°59	7°44	7°42	17°46	17°50	29°R 4	27°23	11°54	n.a.	T 19
F 20	23 37 32	22°28'57	13♌32	7°56	15°20	20°19	17° 8	7°40	7°46	17°45	17°50	29° 3	27°19	12° 1	n.a.	F 20
S 21	23 41 29	23°28'50	28°28	9°33	16°34	20° 4	17°17	7°35	7°49	17°45	17°50	29° 0	27°16	12° 8	n.a.	S 21
S 22	23 45 25	24°28'44	13♍39	11°11	17°48	19°49	17°25	7°31	7°53	17°44	17°50	28°55	27°13	12°14	n.a.	S 22
M23	23 49 22	25°28'41	28°56	12°51	19° 3	19°32	17°33	7°26	7°57	17°44	17°R50	28°47	27°10	12°21	n.a.	M23
T 24	23 53 18	26°28'40	14♎ 7	14°30	20°17	19°16	17°41	7°21	8° 0	17°43	17°50	28°38	27° 7	12°28	n.a.	T 24
W25	23 57 15	27°28'41	29° 2	16°10	21°32	18°58	17°50	7°16	8° 4	17°43	17°50	28°29	27° 3	12°34	n.a.	W25
T 26	0 1 11	28°28'44	13♏33	17°51	22°46	18°40	17°58	7°11	8° 8	17°43	17°50	28°21	27° 0	12°41	n.a.	T 26
F 27	0 5 8	29°28'48	27°35	19°32	24° 0	18°21	18° 5	7° 7	8°11	17°43	17°50	28°14	26°57	12°48	n.a.	F 27
S 28	0 9 4	0♎28'54	11♐ 7	21°12	25°15	18° 2	18°13	7° 2	8°15	17°42	17°50	28°10	26°54	12°54	n.a.	S 28
S 29	0 13 1	1°29'02	24°11	22°53	26°29	17°42	18°21	6°57	8°18	17°42	17°50	28° 8	26°51	13° 1	n.a.	S 29
M30	0 16 57	2♎29'12	6♑50	24♍33	27♎43	17♈22	18♋28	6♈52	8♍22	17♑42	17♊50	28°D 8	26♑48	13♓ 8	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	10n18	26s33	3s41	12n56	1s12	4n11	0n58	5n53	3s 7	23n23	0n25	1n 0	2s49	9n53	0n44	22s36	0s 6	22n13	0s57	20s25	20s45	4s47			n.a.
M 2	9 56	26 30	2 47	13 25	0 53	3 40	0 56	5 54	3 6	23 22	0 25	0 59	2 50	9 52	0 44	22 36	0 6	22 13	0 57	20 25	20 46	4 44			n.a.
T 3	9 34	25 7	1 46	13 49	0 33	3 8	0 54	5 55	3 5	23 21	0 25	0 57	2 50	9 51	0 44	22 37	0 6	22 13	0 57	20 24	20 46	4 41			n.a.
W 4	9 12	22 33	0 42	14 10	0 14	2 37	0 52	5 56	3 4	23 20	0 25	0 56	2 50	9 49	0 44	22 37	0 6	22 13	0 57	20 24	20 47	4 38			n.a.
T 5	8 50	19 3	0n23	14 26	0n 3	2 5	0 50	5 57	3 3	23 19	0 25	0 54	2 50	9 48	0 44	22 37	0 6	22 13	0 57	20 24	20 48	4 35			n.a.
F 6	8 27	14 48	1 27	14 38	0 20	1 33	0 48	5 57	3 2	23 18	0 25	0 52	2 50	9 46	0 44	22 37	0 6	22 14	0 56	20 24	20 48	4 32			n.a.
S 7	8 5	10 2	2 26	14 45	0 35	1 1	0 46	5 57	3 1	23 17	0 26	0 51	2 51	9 45	0 44	22 37	0 6	22 14	0 56	20 25	20 49	4 28			n.a.
S 8	7 42	4 54	3 19	14 48	0 50	0 29	0 43	5 57	3 0	23 16	0 26	0 49	2 51	9 43	0 44	22 37	0 6	22 14	0 56	20 26	20 49	4 25			n.a.
M 9	7 19	0n23	4 3	14 46	1 2	0s 3	0 41	5 56	2 59	23 15	0 26	0 47	2 51	9 42	0 44	22 37	0 6	22 14	0 56	20 28	20 50	4 22			n.a.
T 10	6 56	5 40	4 37	14 40	1 14	0 35	0 39	5 55	2 58	23 14	0 26	0 45	2 51	9 41	0 44	22 37	0 6	22 14	0 56	20 29	20 51	4 19			n.a.
W11	6 33	10 46	4 59	14 29	1 24	1 7	0 37	5 54	2 57	23 13	0 26	0 44	2 51	9 39	0 44	22 38	0 6	22 14	0 56	20 31	20 51	4 16			n.a.
T 12	6 10	15 31	5 8	14 15	1 32	1 39	0 34	5 53	2 55	23 12	0 26	0 42	2 51	9 38	0 44	22 38	0 6	22 14	0 56	20 33	20 52	4 13			n.a.
F 13	5 47	19 42	5 3	13 57	1 40	2 11	0 32	5 51	2 54	23 11	0 27	0 40	2 51	9 36	0 44	22 38	0 6	22 14	0 56	20 34	20 53	4 10			n.a.
S 14	5 23	23 6	4 43	13 36	1 46	2 43	0 30	5 49	2 52	23 10	0 27	0 38	2 52	9 35	0 44	22 38	0 6	22 14	0 56	20 35	20 53	4 6			n.a.
S 15	5 0	25 28	4 10	13 12	1 51	3 15	0 27	5 47	2 51	23 10	0 27	0 36	2 52	9 33	0 44	22 38	0 6	22 14	0 56	20 36	20 54	4 3			n.a.
M16	4 36	26 33	3 24	12 45	1 54	3 46	0 25	5 44	2 49	23 9	0 27	0 34	2 52	9 32	0 44	22 38	0 6	22 14	0 56	20 36	20 55	4 0			n.a.
T 17	4 13	26 8	2 25	12 15	1 57	4 18	0 22	5 42	2 47	23 8	0 27	0 33	2 52	9 31	0 44	22 38	0 6	22 14	0 56	20 36	20 55	3 57			n.a.
W18	3 49	24 9	1 16	11 43	1 59	4 50	0 20	5 39	2 46	23 7	0 27	0 31	2 52	9 29	0 44	22 38	0 6	22 14	0 56	20 36	20 56	3 54			n.a.
T 19	3 25	20 38	0 1	11 9	2 0	5 21	0 17	5 35	2 44	23 6	0 28	0 29	2 52	9 28	0 44	22 38	0 6	22 14	0 56	20 36	20 56	3 51			n.a.
F 20	3 1	15 44	1s17	10 33	2 0	5 53	0 15	5 32	2 42	23 5	0 28	0 27	2 52	9 26	0 44	22 38	0 6	22 14	0 56	20 36	20 57	3 48			n.a.
S 21	2 37	9 48	2 31	9 55	1 59	6 24	0 12	5 28	2 40	23 4	0 28	0 25	2 52	9 25	0 44	22 38	0 6	22 14	0 56	20 37	20 58	3 44			n.a.
S 22	2 13	3 12	3 35	9 16	1 58	6 55	0 9	5 24	2 38	23 3	0 28	0 23	2 52	9 24	0 44	22 38	0 6	22 15	0 56	20 38	20 58	3 41			n.a.
M23	1 49	3s36	4 25	8 36	1 56	7 27	0 7	5 20	2 36	23 2	0 28	0 21	2 52	9 22	0 44	22 39	0 6	22 15	0 56	20 39	20 59	3 38			n.a.
T 24	1 25	10 9	4 55	7 55	1 54	7 57	0 4	5 16	2 33	23 1	0 28	0 19	2 52	9 21	0 44	22 39	0 6	22 15	0 56	20 41	21 0	3 35			n.a.
W25	1 1	16 0	5 5	7 13	1 51	8 28	0 1	5 11	2 31	23 0	0 29	0 17	2 52	9 20	0 44	22 39	0 6	22 15	0 56	20 43	21 0	3 32			n.a.
T 26	0 37	20 46	4 54	6 30	1 47	8 59	0s 1	5 7	2 29	22 59	0 29	0 15	2 53	9 18	0 44	22 39	0 6	22 15	0 56	20 45	21 1	3 29			n.a.
F 27	0 13	24 10	4 26	5 47	1 43	9 29	0 4	5 2	2 26	22 58	0 29	0 13	2 53	9 17	0 44	22 39	0 6	22 15	0 56	20 46	21 1	3 26			n.a.
S 28	0s12	26 4	3 44	5 3	1 39	9 59	0 7	4 57	2 24	22 58	0 29	0 11	2 53	9 16	0 44	22 39	0 6	22 15	0 56	20 47	21 2	3 22			n.a.
S 29	0 36	26 27	2 51	4 18	1 35	10 29	0 9	4 52	2 21	22 57	0 29	0 9	2 53	9 14	0 44	22 39	0 6	22 15	0 56	20 47	21 3	3 19			n.a.
M30	1s 0	25s24	1s51	3n34	1n30	10s59	0s12	4n46	2s18	22n56	0n30	0n 7	2s53	9n13	0n44	22s39	0s 6	22n15	0s56	20s47	21s 3	3s16			n.a.

Julian Day Number = 1612091.5, Delta T = 03h52m39s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'14, Lahiri = - 8°05'14 Julian Calendar 1 Sept. 300 BCE == Greg. Calendar 28 Aug. 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

OCTOBER 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 20 54	3♎29'23	19♑ 9	26♍13	28♎58	17°R 2	18♋35	6°R47	8♍26	17°R42	17°R50	28♑ 9	26♑44	13♓14	n.a.	T 1
W 2	0 24 51	4°29'36	1♒13	27°53	0♏12	16♈41	18°42	6♈42	8°29	17♑42	17♊49	28°R 9	26°41	13°21	n.a.	W 2
T 3	0 28 47	5°29'51	13° 8	29°33	1°26	16°20	18°49	6°37	8°33	17°42	17°49	28° 8	26°38	13°28	n.a.	T 3
F 4	0 32 44	6°30'07	24°58	1♎12	2°40	15°58	18°56	6°33	8°36	17°D42	17°49	28° 4	26°35	13°35	n.a.	F 4
S 5	0 36 40	7°30'24	6♓46	2°51	3°55	15°36	19° 3	6°28	8°40	17°42	17°49	27°58	26°32	13°41	n.a.	S 5
S 6	0 40 37	8°30'44	18°36	4°30	5° 9	15°14	19° 9	6°23	8°43	17°42	17°48	27°49	26°29	13°48	n.a.	S 6
M 7	0 44 33	9°31'05	0♈31	6° 8	6°23	14°52	19°16	6°18	8°46	17°42	17°48	27°37	26°25	13°55	n.a.	M 7
T 8	0 48 30	10°31'28	12°31	7°46	7°37	14°30	19°22	6°13	8°50	17°42	17°48	27°24	26°22	14° 1	n.a.	T 8
W 9	0 52 26	11°31'53	24°38	9°23	8°52	14° 8	19°28	6° 8	8°53	17°42	17°47	27°10	26°19	14° 8	n.a.	W 9
T 10	0 56 23	12°32'19	6♉54	11° 0	10° 6	13°46	19°34	6° 3	8°56	17°42	17°47	26°57	26°16	14°15	n.a.	T 10
F 11	1 0 20	13°32'48	19°17	12°37	11°20	13°24	19°40	5°58	9° 0	17°43	17°46	26°45	26°13	14°21	n.a.	F 11
S 12	1 4 16	14°33'18	1♊51	14°14	12°34	13° 2	19°45	5°54	9° 3	17°43	17°46	26°36	26° 9	14°28	n.a.	S 12
S 13	1 8 13	15°33'50	14°36	15°50	13°48	12°41	19°51	5°49	9° 6	17°43	17°45	26°30	26° 6	14°35	n.a.	S 13
M14	1 12 9	16°34'25	27°35	17°26	15° 2	12°19	19°56	5°44	9°10	17°43	17°45	26°26	26° 3	14°41	n.a.	M14
T 15	1 16 6	17°35'01	10♋51	19° 1	16°16	11°58	20° 1	5°39	9°13	17°44	17°44	26°25	26° 0	14°48	n.a.	T 15
W16	1 20 2	18°35'39	24°25	20°36	17°31	11°37	20° 6	5°35	9°16	17°44	17°44	26°25	25°57	14°55	n.a.	W16
T 17	1 23 59	19°36'19	8♌20	22°11	18°45	11°17	20°11	5°30	9°19	17°45	17°43	26°25	25°54	15° 1	n.a.	T 17
F 18	1 27 55	20°37'01	22°36	23°46	19°59	10°57	20°16	5°25	9°22	17°45	17°43	26°23	25°50	15° 8	n.a.	F 18
S 19	1 31 52	21°37'44	7♍13	25°20	21°13	10°37	20°20	5°21	9°25	17°46	17°42	26°19	25°47	15°15	n.a.	S 19
S 20	1 35 49	22°38'29	22° 7	26°55	22°27	10°18	20°24	5°16	9°28	17°46	17°41	26°11	25°44	15°22	n.a.	S 20
M21	1 39 45	23°39'16	7♎ 9	28°29	23°41	10° 0	20°28	5°11	9°31	17°47	17°41	26° 2	25°41	15°28	n.a.	M21
T 22	1 43 42	24°40'04	22°10	0♏ 2	24°55	9°42	20°32	5° 7	9°34	17°47	17°40	25°50	25°38	15°35	n.a.	T 22
W23	1 47 38	25°40'54	7♏ 2	1°36	26° 9	9°24	20°36	5° 3	9°37	17°48	17°39	25°38	25°34	15°42	n.a.	W23
T 24	1 51 35	26°41'45	21°34	3°10	27°23	9° 7	20°40	4°58	9°40	17°48	17°39	25°26	25°31	15°48	n.a.	T 24
F 25	1 55 31	27°42'38	5♐40	4°43	28°37	8°51	20°43	4°54	9°43	17°49	17°38	25°17	25°28	15°55	n.a.	F 25
S 26	1 59 28	28°43'32	19°18	6°16	29°51	8°36	20°46	4°50	9°46	17°50	17°37	25°11	25°25	16° 2	n.a.	S 26
S 27	2 3 24	29°44'26	2♑28	7°49	1♐ 5	8°21	20°49	4°45	9°48	17°51	17°36	25° 7	25°22	16° 8	n.a.	S 27
M28	2 7 21	0♏45'22	15°11	9°22	2°19	8° 7	20°52	4°41	9°51	17°51	17°36	25° 5	25°19	16°15	n.a.	M28
T 29	2 11 18	1°46'18	27°33	10°55	3°32	7°54	20°55	4°37	9°54	17°52	17°35	25° 5	25°15	16°22	n.a.	T 29
W30	2 15 14	2°47'16	9♒39	12°28	4°46	7°42	20°57	4°33	9°57	17°53	17°34	25° 5	25°12	16°28	n.a.	W30
T 31	2 19 11	3♏48'14	21♒34	14♏ 0	6♐ 0	7♈30	20♋59	4♈29	9♍59	17♑54	17♊33	25♑ 4	25♑ 9	16♓35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1s24	23s 8	0s48	2n49	1n25	11s28	0s15	4n41	2s16	22n55	0n30	0n 5	2s53	9n12	0n44	22s39	0s 6	22n15	0s56	20s47	21s 4	3s13		n.a.
W 2	1 48	19 52	0n16	2 4	1 19	11 57	0 18	4 36	2 13	22 54	0 30	0 3	2 53	9 10	0 44	22 39	0 6	22 15	0 55	20 47	21 5	3 10		n.a.
T 3	2 13	15 49	1 19	1 18	1 14	12 26	0 20	4 30	2 10	22 53	0 30	0 1	2 53	9 9	0 44	22 39	0 6	22 15	0 55	20 47	21 5	3 7		n.a.
F 4	2 37	11 12	2 18	0 33	1 8	12 55	0 23	4 24	2 7	22 53	0 30	0s 1	2 53	9 8	0 44	22 39	0 6	22 15	0 55	20 48	21 6	3 4		n.a.
S 5	3 1	6 12	3 10	0s12	1 2	13 23	0 26	4 19	2 4	22 52	0 31	0 2	2 53	9 6	0 44	22 39	0 6	22 15	0 55	20 49	21 6	3 1		n.a.
S 6	3 25	0 59	3 54	0 57	0 56	13 51	0 29	4 13	2 1	22 51	0 31	0 4	2 53	9 5	0 44	22 39	0 6	22 15	0 55	20 51	21 7	2 57		n.a.
M 7	3 49	4n18	4 28	1 42	0 50	14 18	0 31	4 7	1 58	22 50	0 31	0 6	2 53	9 4	0 44	22 39	0 6	22 15	0 55	20 53	21 8	2 54		n.a.
T 8	4 13	9 27	4 51	2 27	0 43	14 46	0 34	4 2	1 55	22 50	0 31	0 8	2 53	9 2	0 44	22 39	0 6	22 15	0 55	20 56	21 8	2 51		n.a.
W 9	4 37	14 18	5 0	3 12	0 37	15 12	0 37	3 56	1 52	22 49	0 31	0 10	2 52	9 1	0 44	22 39	0 6	22 15	0 55	20 59	21 9	2 48		n.a.
T 10	5 1	18 38	4 56	3 56	0 31	15 39	0 40	3 50	1 48	22 48	0 32	0 12	2 52	9 0	0 44	22 39	0 6	22 15	0 55	21 1	21 9	2 45		n.a.
F 11	5 25	22 13	4 38	4 41	0 24	16 5	0 42	3 45	1 45	22 48	0 32	0 14	2 52	8 59	0 44	22 39	0 6	22 15	0 55	21 4	21 10	2 42		n.a.
S 12	5 48	24 48	4 6	5 24	0 18	16 31	0 45	3 39	1 42	22 47	0 32	0 16	2 52	8 57	0 44	22 39	0 6	22 15	0 55	21 6	21 11	2 39		n.a.
S 13	6 12	26 10	3 22	6 8	0 11	16 56	0 48	3 34	1 39	22 47	0 32	0 18	2 52	8 56	0 44	22 39	0 6	22 15	0 55	21 7	21 11	2 35		n.a.
M14	6 36	26 9	2 26	6 51	0 4	17 21	0 50	3 28	1 35	22 46	0 32	0 20	2 52	8 55	0 44	22 39	0 6	22 15	0 55	21 7	21 12	2 32		n.a.
T 15	6 59	24 38	1 21	7 34	0s 2	17 45	0 53	3 23	1 32	22 45	0 33	0 21	2 52	8 54	0 44	22 39	0 6	22 15	0 55	21 8	21 12	2 29		n.a.
W16	7 22	21 40	0 11	8 17	0 9	18 9	0 56	3 18	1 29	22 45	0 33	0 23	2 52	8 53	0 45	22 39	0 6	22 15	0 55	21 8	21 13	2 26		n.a.
T 17	7 46	17 24	1s 3	8 59	0 15	18 33	0 58	3 13	1 25	22 44	0 33	0 25	2 52	8 52	0 45	22 39	0 6	22 15	0 55	21 8	21 14	2 23		n.a.
F 18	8 9	12 3	2 14	9 40	0 22	18 56	1 1	3 8	1 22	22 44	0 33	0 27	2 52	8 50	0 45	22 39	0 6	22 15	0 55	21 8	21 14	2 20		n.a.
S 19	8 32	5 55	3 18	10 21	0 28	19 18	1 3	3 3	1 18	22 43	0 33	0 28	2 52	8 49	0 45	22 39	0 6	22 15	0 55	21 9	21 15	2 17		n.a.
S 20	8 55	0s38	4 9	11 2	0 35	19 40	1 6	2 59	1 15	22 43	0 34	0 30	2 52	8 48	0 45	22 38	0 6	22 15	0 55	21 10	21 15	2 14		n.a.
M21	9 18	7 12	4 44	11 42	0 41	20 2	1 8	2 54	1 12	22 43	0 34	0 32	2 51	8 47	0 45	22 38	0 6	22 15	0 55	21 12	21 16	2 10		n.a.
T 22	9 40	13 21	4 59	12 21	0 47	20 22	1 11	2 50	1 8	22 42	0 34	0 34	2 51	8 46	0 45	22 38	0 6	22 15	0 55	21 14	21 17	2 7		n.a.
W23	10 3	18 39	4 54	13 0	0 53	20 43	1 13	2 47	1 5	22 42	0 34	0 35	2 51	8 45	0 45	22 38	0 6	22 15	0 55	21 17	21 17	2 4		n.a.
T 24	10 25	22 43	4 30	13 39	0 59	21 3	1 16	2 43	1 2	22 42	0 35	0 37	2 51	8 44	0 45	22 38	0 6	22 15	0 55	21 19	21 18	2 1		n.a.
F 25	10 47	25 17	3 49	14 16	1 5	21 22	1 18	2 40	0 58	22 41	0 35	0 38	2 51	8 43	0 45	22 38	0 6	22 15	0 54	21 20	21 18	1 58		n.a.
S 26	11 9	26 14	2 57	14 53	1 11	21 40	1 20	2 36	0 55	22 41	0 35	0 40	2 51	8 42	0 45	22 38	0 6	22 15	0 54	21 22	21 19	1 55		n.a.
S 27	11 31	25 39	1 57	15 30	1 17	21 58	1 23	2 34	0 52	22 41	0 35	0 42	2 51	8 41	0 45	22 38	0 6	22 15	0 54	21 22	21 20	1 52		n.a.
M28	11 53	23 43	0 52	16 5	1 22	22 16	1 25	2 31	0 49	22 40	0 35	0 43	2 50	8 40	0 45	22 38	0 6	22 15	0 54	21 23	21 20	1 49		n.a.
T 29	12 14	20 41	0n13	16 40	1 28	22 33	1 27	2 29	0 46	22 40	0 36	0 45	2 50	8 39	0 45	22 38	0 6	22 15	0 54	21 23	21 21	1 45		n.a.
W30	12 35	16 50	1 16	17 14	1 33	22 49	1 29	2 27	0 42	22 40	0 36	0 46	2 50	8 38	0 45	22 38	0 6	22 15	0 54	21 23	21 21	1 42		n.a.
T 31	12s56	12s21	2n15	17s47	1s38	23s 4	1s31	2n25	0s39	22n40	0n36	0s47	2s50	8n37	0n45	22s37	0s 6	22n15	0s54	21s23	21s22	1s39		n.a.

Julian Day Number = 1612121.5, Delta T = 03h52m38s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'10, Lahiri = - 8°05'10 Julian Calendar 1 Oct. 300 BCE == Greg. Calendar 27 Sept. 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

NOVEMBER 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 23 7	4♏49'13	3♓23	15♏33	7♐14	7°R20	21♋ 2	4°R25	10♍ 2	17♑55	17°R32	25°R 1	25♑ 6	16♓42	n.a.	F 1
S 2	2 27 4	5°50'13	15°12	17° 5	8°28	7♈10	21° 3	4♈22	10° 4	17°56	17♊31	24♑55	25° 3	16°49	n.a.	S 2
S 3	2 31 0	6°51'14	27° 5	18°38	9°41	7° 0	21° 5	4°18	10° 7	17°57	17°30	24°46	25° 0	16°55	n.a.	S 3
M 4	2 34 57	7°52'16	9♈ 4	20°10	10°55	6°52	21° 7	4°14	10° 9	17°58	17°30	24°34	24°56	17° 2	n.a.	M 4
T 5	2 38 53	8°53'18	21°13	21°42	12° 9	6°45	21° 8	4°11	10°12	17°59	17°29	24°21	24°53	17° 9	n.a.	T 5
W 6	2 42 50	9°54'22	3♉32	23°13	13°22	6°38	21° 9	4° 7	10°14	18° 0	17°28	24° 7	24°50	17°15	n.a.	W 6
T 7	2 46 47	10°55'26	16° 2	24°45	14°36	6°32	21°10	4° 4	10°16	18° 1	17°27	23°54	24°47	17°22	n.a.	T 7
F 8	2 50 43	11°56'31	28°43	26°16	15°50	6°27	21°11	4° 0	10°19	18° 2	17°26	23°42	24°44	17°29	n.a.	F 8
S 9	2 54 40	12°57'38	11♊34	27°47	17° 3	6°23	21°11	3°57	10°21	18° 4	17°25	23°33	24°40	17°35	n.a.	S 9
S 10	2 58 36	13°58'45	24°37	29°17	18°17	6°19	21°12	3°54	10°23	18° 5	17°24	23°26	24°37	17°42	n.a.	S 10
M11	3 2 33	14°59'53	7♋50	0♐47	19°30	6°17	21°R12	3°51	10°25	18° 6	17°23	23°23	24°34	17°49	n.a.	M11
T 12	3 6 29	16° 1'02	21°15	2°16	20°43	6°15	21°12	3°48	10°27	18° 7	17°22	23°D22	24°31	17°56	n.a.	T 12
W13	3 10 26	17° 2'12	4♌52	3°45	21°57	6°14	21°11	3°45	10°29	18° 9	17°20	23°22	24°28	18° 2	n.a.	W13
T 14	3 14 22	18° 3'23	18°42	5°13	23°10	6°D14	21°11	3°42	10°31	18°10	17°19	23°R23	24°25	18° 9	n.a.	T 14
F 15	3 18 19	19° 4'35	2♍47	6°39	24°24	6°14	21°10	3°40	10°33	18°11	17°18	23°22	24°21	18°16	n.a.	F 15
S 16	3 22 16	20° 5'48	17° 5	8° 5	25°37	6°16	21°10	3°37	10°35	18°13	17°17	23°19	24°18	18°22	n.a.	S 16
S 17	3 26 12	21° 7'01	1♎34	9°29	26°50	6°18	21° 9	3°34	10°37	18°14	17°16	23°13	24°15	18°29	n.a.	S 17
M18	3 30 9	22° 8'15	16°10	10°51	28° 3	6°21	21° 7	3°32	10°39	18°15	17°15	23° 6	24°12	18°36	n.a.	M18
T 19	3 34 5	23° 9'30	0♏46	12°11	29°17	6°24	21° 6	3°30	10°41	18°17	17°14	22°56	24° 9	18°42	n.a.	T 19
W20	3 38 2	24°10'46	15°16	13°29	0♑30	6°29	21° 4	3°28	10°42	18°18	17°13	22°46	24° 6	18°49	n.a.	W20
T 21	3 41 58	25°12'02	29°33	14°44	1°43	6°34	21° 2	3°25	10°44	18°20	17°12	22°36	24° 2	18°56	n.a.	T 21
F 22	3 45 55	26°13'18	13♐30	15°56	2°56	6°40	21° 0	3°23	10°46	18°21	17°10	22°29	23°59	19° 2	n.a.	F 22
S 23	3 49 52	27°14'35	27° 4	17° 4	4° 9	6°46	20°58	3°22	10°47	18°23	17° 9	22°23	23°56	19° 9	n.a.	S 23
S 24	3 53 48	28°15'52	10♑14	18° 7	5°22	6°54	20°56	3°20	10°49	18°25	17° 8	22°20	23°53	19°16	n.a.	S 24
M25	3 57 45	29°17'08	23° 0	19° 5	6°35	7° 1	20°53	3°18	10°50	18°26	17° 7	22°D19	23°50	19°23	n.a.	M25
T 26	4 1 41	0♐18'25	5♒25	19°57	7°48	7°10	20°50	3°17	10°52	18°28	17° 6	22°20	23°46	19°29	n.a.	T 26
W27	4 5 38	1°19'41	17°34	20°43	9° 0	7°19	20°47	3°15	10°53	18°30	17° 4	22°21	23°43	19°36	n.a.	W27
T 28	4 9 34	2°20'58	29°31	21°21	10°13	7°29	20°44	3°14	10°54	18°31	17° 3	22°R22	23°40	19°43	n.a.	T 28
F 29	4 13 31	3°22'14	11♓23	21°50	11°26	7°40	20°41	3°13	10°55	18°33	17° 2	22°22	23°37	19°49	n.a.	F 29
S 30	4 17 27	4♐23'29	23♓13	22♐10	12♑38	7♈51	20♋37	3♈11	10♍57	18♑35	17♊ 1	22♑19	23♑34	19♓56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s17	7s28	3n 8	18s20	1s42	23s19	1s33	2n23	0s36	22n40	0n36	0s49	2s50	8n36	0n45	22s37	0s 6	22n15	0s54	21s23	21s22	1s36		n.a.
S 2	13 38	2 20	3 52	18 51	1 47	23 33	1 35	2 22	0 33	22 40	0 37	0 50	2 50	8 35	0 45	22 37	0 6	22 14	0 54	21 25	21 23	1 33		n.a.
S 3	13 58	2n54	4 27	19 22	1 51	23 47	1 37	2 21	0 30	22 40	0 37	0 51	2 49	8 34	0 45	22 37	0 6	22 14	0 54	21 26	21 24	1 30		n.a.
M 4	14 18	8 4	4 50	19 51	1 55	23 59	1 39	2 20	0 27	22 40	0 37	0 53	2 49	8 33	0 45	22 37	0 6	22 14	0 54	21 28	21 24	1 27		n.a.
T 5	14 38	13 0	5 0	20 19	1 59	24 11	1 41	2 20	0 24	22 40	0 37	0 54	2 49	8 32	0 45	22 37	0 6	22 14	0 54	21 31	21 25	1 24		n.a.
W 6	14 58	17 29	4 56	20 47	2 3	24 23	1 43	2 20	0 22	22 40	0 38	0 55	2 49	8 31	0 45	22 37	0 6	22 14	0 54	21 33	21 25	1 20		n.a.
T 7	15 17	21 16	4 39	21 13	2 6	24 33	1 44	2 20	0 19	22 40	0 38	0 56	2 49	8 30	0 45	22 37	0 6	22 14	0 54	21 35	21 26	1 17		n.a.
F 8	15 36	24 8	4 7	21 38	2 9	24 43	1 46	2 21	0 16	22 40	0 38	0 58	2 48	8 29	0 45	22 36	0 6	22 14	0 54	21 37	21 27	1 14		n.a.
S 9	15 55	25 47	3 22	22 2	2 11	24 53	1 47	2 21	0 13	22 40	0 38	0 59	2 48	8 29	0 45	22 36	0 7	22 14	0 54	21 39	21 27	1 11		n.a.
S 10	16 14	26 3	2 26	22 24	2 13	25 1	1 49	2 22	0 11	22 40	0 38	1 0	2 48	8 28	0 45	22 36	0 7	22 14	0 54	21 40	21 28	1 8		n.a.
M11	16 32	24 51	1 22	22 46	2 15	25 9	1 50	2 24	0 8	22 41	0 39	1 1	2 48	8 27	0 45	22 36	0 7	22 14	0 54	21 41	21 28	1 5		n.a.
T 12	16 50	22 13	0 11	23 5	2 16	25 16	1 52	2 25	0 6	22 41	0 39	1 2	2 47	8 26	0 45	22 36	0 7	22 14	0 54	21 41	21 29	1 2		n.a.
W13	17 8	18 18	1s 1	23 24	2 17	25 22	1 53	2 27	0 3	22 41	0 39	1 3	2 47	8 25	0 45	22 36	0 7	22 14	0 54	21 41	21 29	0 59		n.a.
T 14	17 25	13 20	2 11	23 41	2 17	25 27	1 54	2 29	0 1	22 41	0 39	1 4	2 47	8 25	0 45	22 35	0 7	22 14	0 54	21 41	21 30	0 56		n.a.
F 15	17 42	7 36	3 14	23 56	2 17	25 32	1 55	2 32	0n 1	22 42	0 40	1 4	2 47	8 24	0 45	22 35	0 7	22 14	0 53	21 41	21 31	0 52		n.a.
S 16	17 59	1 24	4 6	24 9	2 16	25 36	1 56	2 34	0 4	22 42	0 40	1 5	2 46	8 23	0 46	22 35	0 7	22 14	0 53	21 41	21 31	0 49		n.a.
S 17	18 15	4s56	4 43	24 21	2 14	25 39	1 57	2 37	0 6	22 42	0 40	1 6	2 46	8 23	0 46	22 35	0 7	22 14	0 53	21 42	21 32	0 46		n.a.
M18	18 32	11 3	5 2	24 31	2 12	25 41	1 58	2 41	0 8	22 43	0 40	1 7	2 46	8 22	0 46	22 35	0 7	22 14	0 53	21 44	21 32	0 43		n.a.
T 19	18 47	16 34	5 1	24 40	2 9	25 43	1 59	2 44	0 10	22 43	0 41	1 7	2 46	8 21	0 46	22 35	0 7	22 14	0 53	21 45	21 33	0 40		n.a.
W20	19 3	21 5	4 41	24 46	2 5	25 44	2 0	2 48	0 13	22 44	0 41	1 8	2 45	8 21	0 46	22 34	0 7	22 14	0 53	21 47	21 33	0 37		n.a.
T 21	19 18	24 16	4 4	24 50	2 0	25 44	2 0	2 52	0 15	22 44	0 41	1 9	2 45	8 20	0 46	22 34	0 7	22 14	0 53	21 49	21 34	0 34		n.a.
F 22	19 33	25 53	3 12	24 53	1 55	25 43	2 1	2 56	0 17	22 45	0 41	1 9	2 45	8 19	0 46	22 34	0 7	22 13	0 53	21 50	21 34	0 31		n.a.
S 23	19 47	25 53	2 11	24 53	1 48	25 41	2 1	3 0	0 19	22 46	0 42	1 10	2 45	8 19	0 46	22 34	0 7	22 13	0 53	21 51	21 35	0 28		n.a.
S 24	20 1	24 24	1 5	24 52	1 41	25 39	2 2	3 5	0 21	22 46	0 42	1 10	2 44	8 18	0 46	22 34	0 7	22 13	0 53	21 51	21 36	0 24		n.a.
M25	20 15	21 41	0n 4	24 48	1 32	25 36	2 2	3 10	0 22	22 47	0 42	1 11	2 44	8 18	0 46	22 33	0 7	22 13	0 53	21 51	21 36	0 21		n.a.
T 26	20 28	18 1	1 10	24 42	1 22	25 32	2 2	3 15	0 24	22 47	0 42	1 11	2 44	8 17	0 46	22 33	0 7	22 13	0 53	21 51	21 37	0 18		n.a.
W27	20 41	13 40	2 12	24 35	1 11	25 28	2 3	3 20	0 26	22 48	0 42	1 11	2 44	8 17	0 46	22 33	0 7	22 13	0 53	21 51	21 37	0 15		n.a.
T 28	20 53	8 52	3 7	24 25	0 58	25 22	2 3	3 26	0 28	22 49	0 43	1 11	2 43	8 16	0 46	22 33	0 7	22 13	0 53	21 51	21 38	0 12		n.a.
F 29	21 5	3 48	3 53	24 13	0 45	25 16	2 3	3 32	0 30	22 50	0 43	1 12	2 43	8 16	0 46	22 32	0 7	22 13	0 53	21 51	21 38	0 9		n.a.
S 30	21s17	1n24	4n30	23s59	0s30	25s 9	2s 2	3n38	0n31	22n50	0n43	1s12	2s43	8n16	0n46	22s32	0s 7	22n13	0s53	21s51	21s39	0s 6		n.a.

Julian Day Number = 1612152.5, Delta T = 03h52m37s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'06, Lahiri = - 8°05'06 Julian Calendar 1 Nov. 300 BCE == Greg. Calendar 28 Oct. 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 300 BCE
geocentric

DECEMBER 300 BCE (-299) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 21 24	5♐24'45	5♈ 7	22°R19	13♑51	8♈ 3	20°R34	3°R10	10♍58	18♑37	16°R59	22°R15	23♑31	20♓ 3	n.a.	S 1
M 2	4 25 21	6°26'00	17°10	22♐17	15° 3	8°15	20♋30	3♈10	10°59	18°38	16♊58	22♑ 9	23°27	20° 9	n.a.	M 2
T 3	4 29 17	7°27'15	29°24	22° 4	16°16	8°28	20°26	3° 9	11° 0	18°40	16°57	22° 1	23°24	20°16	n.a.	T 3
W 4	4 33 14	8°28'29	11♉52	21°39	17°28	8°41	20°21	3° 8	11° 1	18°42	16°56	21°53	23°21	20°23	n.a.	W 4
T 5	4 37 10	9°29'44	24°36	21° 2	18°40	8°55	20°17	3° 8	11° 2	18°44	16°54	21°45	23°18	20°30	n.a.	T 5
F 6	4 41 7	10°30'58	7♊35	20°14	19°52	9°10	20°12	3° 7	11° 2	18°46	16°53	21°38	23°15	20°36	n.a.	F 6
S 7	4 45 3	11°32'12	20°49	19°16	21° 4	9°25	20° 8	3° 7	11° 3	18°48	16°52	21°32	23°12	20°43	n.a.	S 7
S 8	4 49 0	12°33'25	4♋16	18° 9	22°16	9°40	20° 3	3° 7	11° 4	18°49	16°51	21°29	23° 8	20°50	n.a.	S 8
M 9	4 52 56	13°34'38	17°53	16°55	23°28	9°56	19°58	3°D 7	11° 5	18°51	16°49	21°D27	23° 5	20°56	n.a.	M 9
T 10	4 56 53	14°35'51	1♌41	15°37	24°40	10°13	19°52	3° 7	11° 5	18°53	16°48	21°28	23° 2	21° 3	n.a.	T 10
W11	5 0 50	15°37'04	15°35	14°17	25°52	10°30	19°47	3° 7	11° 6	18°55	16°47	21°29	22°59	21°10	n.a.	W11
T 12	5 4 46	16°38'17	29°36	12°58	27° 4	10°47	19°42	3° 7	11° 6	18°57	16°45	21°31	22°56	21°17	n.a.	T 12
F 13	5 8 43	17°39'29	13♍42	11°43	28°15	11° 5	19°36	3° 7	11° 7	18°59	16°44	21°R32	22°52	21°23	n.a.	F 13
S 14	5 12 39	18°40'41	27°52	10°32	29°27	11°23	19°30	3° 8	11° 7	19° 1	16°43	21°31	22°49	21°30	n.a.	S 14
S 15	5 16 36	19°41'53	12♎ 4	9°28	0♒38	11°42	19°24	3° 8	11° 8	19° 3	16°42	21°29	22°46	21°37	n.a.	S 15
M16	5 20 32	20°43'05	26°15	8°33	1°49	12° 1	19°18	3° 9	11° 8	19° 5	16°40	21°26	22°43	21°43	n.a.	M16
T 17	5 24 29	21°44'16	10♏22	7°46	3° 1	12°21	19°12	3°10	11° 8	19° 7	16°39	21°22	22°40	21°50	n.a.	T 17
W18	5 28 26	22°45'27	24°22	7° 9	4°12	12°41	19° 5	3°11	11° 8	19° 9	16°38	21°17	22°37	21°57	n.a.	W18
T 19	5 32 22	23°46'37	8♐11	6°41	5°23	13° 1	18°59	3°12	11° 8	19°12	16°37	21°13	22°33	22° 3	n.a.	T 19
F 20	5 36 19	24°47'46	21°46	6°23	6°33	13°22	18°52	3°13	11°R 8	19°14	16°35	21° 9	22°30	22°10	n.a.	F 20
S 21	5 40 15	25°48'55	5♑ 3	6°14	7°44	13°43	18°45	3°14	11° 8	19°16	16°34	21° 7	22°27	22°17	n.a.	S 21
S 22	5 44 12	26°50'03	18° 2	6°D13	8°55	14° 5	18°38	3°16	11° 8	19°18	16°33	21°D 6	22°24	22°24	n.a.	S 22
M23	5 48 8	27°51'10	0♒43	6°20	10° 5	14°27	18°31	3°17	11° 8	19°20	16°31	21° 6	22°21	22°30	n.a.	M23
T 24	5 52 5	28°52'15	13° 7	6°34	11°16	14°49	18°24	3°19	11° 8	19°22	16°30	21° 8	22°18	22°37	n.a.	T 24
W25	5 56 1	29°53'20	25°17	6°55	12°26	15°11	18°17	3°20	11° 8	19°24	16°29	21° 9	22°14	22°44	n.a.	W25
T 26	5 59 58	0♑54'23	7♓16	7°22	13°36	15°34	18°10	3°22	11° 7	19°27	16°28	21°11	22°11	22°50	n.a.	T 26
F 27	6 3 55	1°55'25	19° 9	7°55	14°46	15°58	18° 3	3°24	11° 7	19°29	16°27	21°12	22° 8	22°57	n.a.	F 27
S 28	6 7 51	2°56'25	1♈ 0	8°33	15°56	16°21	17°55	3°26	11° 7	19°31	16°25	21°R13	22° 5	23° 4	n.a.	S 28
S 29	6 11 48	3°57'25	12°55	9°16	17° 6	16°45	17°48	3°28	11° 6	19°33	16°24	21°12	22° 2	23°11	n.a.	S 29
M30	6 15 44	4°58'22	24°57	10° 3	18°15	17° 9	17°40	3°31	11° 6	19°35	16°23	21°11	21°58	23°17	n.a.	M30
T 31	6 19 41	5♑59'19	7♉12	10♐54	19♒25	17♈33	17♋32	3♈33	11♍ 5	19♑38	16♊22	21♑10	21♑55	23♓24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	21s28	6n33	4n55	23s44	0s13	25s 2	2s 2	3n44	0n33	22n51	0n43	1s12	2s42	8n15	0n46	22s32	0s 7	22n13	0s53	21s52	21s39	0s 3			n.a.
M 2	21 39	11 32	5 7	23 26	0n 4	24 53	2 2	3 50	0 34	22 52	0 44	1 12	2 42	8 15	0 46	22 32	0 7	22 13	0 53	21 53	21 40	0n 0			n.a.
T 3	21 49	16 9	5 5	23 7	0 22	24 44	2 1	3 57	0 36	22 53	0 44	1 12	2 42	8 14	0 46	22 31	0 7	22 13	0 52	21 54	21 41	0 3			n.a.
W 4	21 59	20 10	4 50	22 47	0 41	24 34	2 1	4 3	0 37	22 54	0 44	1 12	2 41	8 14	0 46	22 31	0 7	22 13	0 52	21 56	21 41	0 7			n.a.
T 5	22 9	23 20	4 19	22 25	1 1	24 24	2 0	4 10	0 39	22 55	0 44	1 12	2 41	8 14	0 46	22 31	0 7	22 13	0 52	21 57	21 42	0 10			n.a.
F 6	22 18	25 23	3 35	22 1	1 21	24 13	1 59	4 17	0 40	22 56	0 45	1 12	2 41	8 14	0 46	22 31	0 7	22 13	0 52	21 58	21 42	0 13			n.a.
S 7	22 27	26 3	2 39	21 37	1 40	24 1	1 59	4 25	0 42	22 56	0 45	1 12	2 41	8 13	0 46	22 30	0 7	22 13	0 52	21 59	21 43	0 16			n.a.
S 8	22 35	25 12	1 32	21 13	1 59	23 48	1 58	4 32	0 43	22 57	0 45	1 12	2 40	8 13	0 46	22 30	0 7	22 12	0 52	22 0	21 43	0 19			n.a.
M 9	22 43	22 50	0 19	20 48	2 17	23 35	1 57	4 40	0 44	22 58	0 45	1 11	2 40	8 13	0 46	22 30	0 7	22 12	0 52	22 0	21 44	0 22			n.a.
T 10	22 50	19 8	0s55	20 24	2 33	23 21	1 56	4 47	0 46	22 59	0 45	1 11	2 40	8 13	0 47	22 30	0 7	22 12	0 52	22 0	21 44	0 25			n.a.
W11	22 57	14 20	2 8	20 1	2 47	23 6	1 54	4 55	0 47	23 0	0 46	1 11	2 39	8 12	0 47	22 29	0 7	22 12	0 52	22 0	21 45	0 28			n.a.
T 12	23 3	8 44	3 13	19 40	2 59	22 51	1 53	5 3	0 48	23 1	0 46	1 10	2 39	8 12	0 47	22 29	0 7	22 12	0 52	21 59	21 45	0 31			n.a.
F 13	23 9	2 41	4 7	19 21	3 9	22 35	1 52	5 12	0 49	23 2	0 46	1 10	2 39	8 12	0 47	22 29	0 7	22 12	0 52	21 59	21 46	0 34			n.a.
S 14	23 15	3s31	4 46	19 4	3 16	22 19	1 50	5 20	0 51	23 4	0 46	1 10	2 38	8 12	0 47	22 29	0 7	22 12	0 52	21 59	21 46	0 37			n.a.
S 15	23 20	9 32	5 8	18 50	3 21	22 2	1 49	5 28	0 52	23 5	0 47	1 9	2 38	8 12	0 47	22 28	0 7	22 12	0 52	22 0	21 47	0 41			n.a.
M16	23 24	15 4	5 11	18 39	3 23	21 44	1 47	5 37	0 53	23 6	0 47	1 8	2 38	8 12	0 47	22 28	0 7	22 12	0 52	22 0	21 48	0 44			n.a.
T 17	23 28	19 46	4 55	18 31	3 24	21 26	1 45	5 46	0 54	23 7	0 47	1 8	2 38	8 12	0 47	22 28	0 7	22 12	0 52	22 1	21 48	0 47			n.a.
W18	23 32	23 19	4 22	18 27	3 22	21 7	1 43	5 55	0 55	23 8	0 47	1 7	2 37	8 12	0 47	22 27	0 7	22 12	0 52	22 1	21 49	0 50			n.a.
T 19	23 35	25 27	3 34	18 25	3 19	20 47	1 41	6 4	0 56	23 9	0 47	1 7	2 37	8 12	0 47	22 27	0 7	22 12	0 51	22 2	21 49	0 53			n.a.
F 20	23 38	26 2	2 34	18 27	3 15	20 27	1 39	6 13	0 57	23 10	0 48	1 6	2 37	8 12	0 47	22 27	0 7	22 12	0 51	22 3	21 50	0 56			n.a.
S 21	23 40	25 5	1 27	18 31	3 9	20 7	1 37	6 22	0 58	23 11	0 48	1 5	2 36	8 12	0 47	22 27	0 7	22 12	0 51	22 3	21 50	0 59			n.a.
S 22	23 42	22 47	0 17	18 37	3 2	19 46	1 34	6 31	0 59	23 13	0 48	1 4	2 36	8 12	0 47	22 26	0 7	22 12	0 51	22 3	21 51	1 2			n.a.
M23	23 43	19 23	0n53	18 46	2 54	19 24	1 32	6 41	1 0	23 14	0 48	1 3	2 36	8 12	0 47	22 26	0 7	22 12	0 51	22 3	21 51	1 5			n.a.
T 24	23 44	15 12	1 58	18 56	2 46	19 2	1 29	6 50	1 1	23 15	0 48	1 2	2 35	8 12	0 47	22 26	0 7	22 11	0 51	22 3	21 52	1 8			n.a.
W25	23 44	10 28	2 57	19 9	2 37	18 40	1 27	7 0	1 1	23 16	0 49	1 1	2 35	8 12	0 47	22 25	0 7	22 11	0 51	22 3	21 52	1 11			n.a.
T 26	23 44	5 26	3 48	19 22	2 28	18 17	1 24	7 9	1 2	23 17	0 49	1 0	2 35	8 12	0 47	22 25	0 7	22 11	0 51	22 2	21 53	1 14			n.a.
F 27	23 43	0 15	4 28	19 37	2 19	17 53	1 21	7 19	1 3	23 18	0 49	0 59	2 34	8 13	0 47	22 25	0 7	22 11	0 51	22 2	21 53	1 17			n.a.
S 28	23 42	4n56	4 56	19 52	2 9	17 30	1 18	7 29	1 4	23 20	0 49	0 58	2 34	8 13	0 47	22 24	0 7	22 11	0 51	22 2	21 54	1 20			n.a.
S 29	23 40	9 57	5 13	20 9	1 59	17 5	1 15	7 39	1 5	23 21	0 49	0 57	2 34	8 13	0 47	22 24	0 7	22 11	0 51	22 2	21 54	1 24			n.a.
M30	23 38	14 39	5 15	20 25	1 50	16 41	1 12	7 49	1 5	23 22	0 49	0 56	2 34	8 13	0 47	22 24	0 7	22 11	0 51	22 2	21 55	1 27			n.a.
T 31	23s36	18n51	5n 4	20s42	1n40	16s16	1s 9	7n59	1n 6	23n23	0n50	0s55	2s33	8n13	0n47	22s24	0s 7	22n11	0s51	22s 3	21s55	1n30			n.a.

Julian Day Number = 1612182.5, Delta T = 03h52m36s
Ecliptic obliquity = 23°43'57, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'02, Lahiri = - 8°05'02 Julian Calendar 1 Dec. 300 BCE == Greg. Calendar 27 Nov. 300 BCE

The year -299 astronomical counting style corresponds to year 300 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

JANUARY 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 23 37	7♑ 0'14	19♉44	11♐48	20♒34	17♈58	17°R25	3♈36	11°R 5	19♑40	16°R20	21°R 8	21♑52	23♓31	n.a.	W 1
T 2	6 27 34	8° 1'07	2♊34	12°45	21°43	18°23	17♋17	3°38	11♍ 4	19°42	16♊19	21♑ 6	21°49	23°37	n.a.	T 2
F 3	6 31 30	9° 2'00	15°45	13°45	22°52	18°48	17° 9	3°41	11° 3	19°44	16°18	21° 4	21°46	23°44	n.a.	F 3
S 4	6 35 27	10° 2'51	29°15	14°48	24° 1	19°14	17° 1	3°44	11° 2	19°47	16°17	21° 3	21°43	23°51	n.a.	S 4
S 5	6 39 24	11° 3'40	13♋ 5	15°54	25° 9	19°40	16°54	3°47	11° 2	19°49	16°16	21° 2	21°39	23°57	n.a.	S 5
M 6	6 43 20	12° 4'28	27°10	17° 1	26°18	20° 6	16°46	3°50	11° 1	19°51	16°15	21°D 2	21°36	24° 4	n.a.	M 6
T 7	6 47 17	13° 5'15	11♌27	18°11	27°26	20°32	16°38	3°53	11° 0	19°53	16°14	21° 2	21°33	24°11	n.a.	T 7
W 8	6 51 13	14° 6'00	25°50	19°22	28°34	20°58	16°30	3°56	10°59	19°56	16°12	21° 3	21°30	24°18	n.a.	W 8
T 9	6 55 10	15° 6'44	10♍15	20°36	29°41	21°25	16°22	3°59	10°58	19°58	16°11	21° 4	21°27	24°24	n.a.	T 9
F 10	6 59 6	16° 7'27	24°37	21°51	0♓49	21°52	16°14	4° 3	10°57	20° 0	16°10	21° 4	21°24	24°31	n.a.	F 10
S 11	7 3 3	17° 8'09	8♎54	23° 7	1°56	22°19	16° 6	4° 6	10°56	20° 2	16° 9	21° 4	21°20	24°38	n.a.	S 11
S 12	7 6 59	18° 8'49	23° 2	24°25	3° 3	22°46	15°58	4°10	10°54	20° 5	16° 8	21°R 4	21°17	24°44	n.a.	S 12
M13	7 10 56	19° 9'29	7♏ 0	25°45	4°10	23°14	15°50	4°13	10°53	20° 7	16° 7	21° 4	21°14	24°51	n.a.	M13
T 14	7 14 53	20°10'06	20°46	27° 6	5°17	23°42	15°42	4°17	10°52	20° 9	16° 6	21° 4	21°11	24°58	n.a.	T 14
W15	7 18 49	21°10'43	4♐19	28°28	6°24	24°10	15°34	4°21	10°51	20°12	16° 5	21°D 4	21° 8	25° 5	n.a.	W15
T 16	7 22 46	22°11'18	17°40	29°51	7°30	24°38	15°26	4°25	10°49	20°14	16° 4	21° 4	21° 4	25°11	n.a.	T 16
F 17	7 26 42	23°11'52	0♑48	1♑15	8°36	25° 6	15°19	4°29	10°48	20°16	16° 3	21° 4	21° 1	25°18	n.a.	F 17
S 18	7 30 39	24°12'24	13°42	2°41	9°41	25°35	15°11	4°33	10°46	20°18	16° 2	21° 4	20°58	25°25	n.a.	S 18
S 19	7 34 35	25°12'55	26°23	4° 7	10°47	26° 3	15° 3	4°37	10°45	20°21	16° 1	21°R 4	20°55	25°31	n.a.	S 19
M20	7 38 32	26°13'24	8♒51	5°35	11°52	26°32	14°55	4°42	10°43	20°23	16° 0	21° 4	20°52	25°38	n.a.	M20
T 21	7 42 29	27°13'50	21° 7	7° 4	12°57	27° 1	14°48	4°46	10°42	20°25	15°59	21° 4	20°49	25°45	n.a.	T 21
W22	7 46 25	28°14'15	3♓13	8°34	14° 2	27°30	14°40	4°51	10°40	20°27	15°58	21° 3	20°45	25°52	n.a.	W22
T 23	7 50 22	29°14'38	15°11	10° 4	15° 6	28° 0	14°33	4°55	10°38	20°30	15°57	21° 2	20°42	25°58	n.a.	T 23
F 24	7 54 18	0♒14'59	27° 4	11°36	16°10	28°29	14°25	5° 0	10°37	20°32	15°57	21° 0	20°39	26° 5	n.a.	F 24
S 25	7 58 15	1°15'18	8♈55	13° 9	17°14	28°59	14°18	5° 5	10°35	20°34	15°56	20°59	20°36	26°12	n.a.	S 25
S 26	8 2 11	2°15'35	20°49	14°43	18°17	29°29	14°10	5°10	10°33	20°36	15°55	20°58	20°33	26°18	n.a.	S 26
M27	8 6 8	3°15'49	2♉50	16°18	19°20	29°59	14° 3	5°15	10°31	20°39	15°54	20°D58	20°30	26°25	n.a.	M27
T 28	8 10 4	4°16'02	15° 2	17°54	20°23	0♉29	13°56	5°20	10°29	20°41	15°53	20°58	20°26	26°32	n.a.	T 28
W29	8 14 1	5°16'12	27°30	19°31	21°25	0°59	13°49	5°25	10°27	20°43	15°52	20°59	20°23	26°39	n.a.	W29
T 30	8 17 58	6°16'20	10♊19	21° 9	22°27	1°30	13°42	5°30	10°25	20°45	15°52	21° 1	20°20	26°45	n.a.	T 30
F 31	8 21 54	7♒16'26	23♊31	22♑48	23♓29	2♉ 0	13♋35	5♈35	10♍23	20♑48	15♊51	21♑ 2	20♑17	26♓52	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23 s33	22n20	4n38	21 s 0	1n30	15 s50	1 s 5	8n10	1n 7	23n24	0n50	0 s53	2 s33	8n14	0n47	22 s23	0 s 7	22n11	0 s51	22 s 3	21 s56	1n33			n.a.
T 2	23 29	24 48	3 57	21 17	1 20	15 25	1 2	8 20	1 8	23 25	0 50	0 52	2 33	8 14	0 47	22 23	0 7	22 11	0 50	22 3	21 56	1 36			n.a.
F 3	23 25	26 0	3 3	21 34	1 10	14 59	0 58	8 30	1 8	23 27	0 50	0 51	2 32	8 14	0 48	22 23	0 7	22 11	0 50	22 4	21 57	1 39			n.a.
S 4	23 21	25 42	1 58	21 51	1 0	14 32	0 54	8 41	1 9	23 28	0 50	0 49	2 32	8 15	0 48	22 22	0 7	22 11	0 50	22 4	21 57	1 42			n.a.
S 5	23 16	23 48	0 44	22 8	0 51	14 5	0 51	8 51	1 10	23 29	0 50	0 48	2 32	8 15	0 48	22 22	0 7	22 11	0 50	22 4	21 58	1 45			n.a.
M 6	23 11	20 26	0 s34	22 24	0 41	13 38	0 47	9 2	1 10	23 30	0 50	0 46	2 32	8 15	0 48	22 22	0 7	22 11	0 50	22 4	21 58	1 48			n.a.
T 7	23 5	15 47	1 51	22 40	0 32	13 11	0 43	9 12	1 11	23 31	0 51	0 45	2 31	8 16	0 48	22 21	0 7	22 11	0 50	22 4	21 59	1 51			n.a.
W 8	22 59	10 13	3 1	22 55	0 23	12 43	0 39	9 23	1 11	23 32	0 51	0 43	2 31	8 16	0 48	22 21	0 7	22 11	0 50	22 4	21 59	1 54			n.a.
T 9	22 52	4 7	4 0	23 10	0 14	12 16	0 35	9 34	1 12	23 33	0 51	0 42	2 31	8 17	0 48	22 21	0 7	22 11	0 50	22 4	22 0	1 57			n.a.
F 10	22 45	2 s11	4 44	23 23	0 5	11 48	0 31	9 44	1 13	23 35	0 51	0 40	2 30	8 17	0 48	22 20	0 7	22 11	0 50	22 4	22 0	2 0			n.a.
S 11	22 37	8 18	5 10	23 36	0 s 3	11 19	0 26	9 55	1 13	23 36	0 51	0 39	2 30	8 18	0 48	22 20	0 7	22 11	0 50	22 4	22 1	2 3			n.a.
S 12	22 29	13 57	5 17	23 48	0 11	10 51	0 22	10 6	1 14	23 37	0 51	0 37	2 30	8 18	0 48	22 20	0 7	22 11	0 50	22 3	22 1	2 6			n.a.
M13	22 21	18 48	5 5	23 59	0 19	10 22	0 17	10 17	1 14	23 38	0 51	0 35	2 30	8 19	0 48	22 19	0 7	22 11	0 50	22 4	22 2	2 9			n.a.
T 14	22 12	22 35	4 36	24 9	0 27	9 53	0 13	10 28	1 15	23 39	0 52	0 33	2 29	8 19	0 48	22 19	0 7	22 10	0 50	22 4	22 2	2 12			n.a.
W15	22 3	25 3	3 51	24 18	0 35	9 24	0 8	10 39	1 15	23 40	0 52	0 32	2 29	8 20	0 48	22 19	0 7	22 10	0 50	22 4	22 3	2 15			n.a.
T 16	21 53	26 3	2 55	24 26	0 42	8 55	0 3	10 49	1 16	23 41	0 52	0 30	2 29	8 20	0 48	22 18	0 7	22 10	0 49	22 4	22 3	2 18			n.a.
F 17	21 43	25 34	1 50	24 33	0 49	8 25	0n 2	11 0	1 16	23 42	0 52	0 28	2 29	8 21	0 48	22 18	0 7	22 10	0 49	22 4	22 4	2 22			n.a.
S 18	21 32	23 42	0 41	24 38	0 56	7 56	0 7	11 11	1 16	23 43	0 52	0 26	2 28	8 21	0 48	22 18	0 7	22 10	0 49	22 3	22 4	2 25			n.a.
S 19	21 21	20 39	0n29	24 43	1 3	7 26	0 12	11 22	1 17	23 44	0 52	0 24	2 28	8 22	0 48	22 17	0 7	22 10	0 49	22 3	22 5	2 28			n.a.
M20	21 10	16 42	1 37	24 46	1 9	6 56	0 17	11 33	1 17	23 45	0 52	0 22	2 28	8 23	0 48	22 17	0 7	22 10	0 49	22 4	22 5	2 31			n.a.
T 21	20 58	12 7	2 39	24 47	1 15	6 26	0 22	11 45	1 18	23 46	0 52	0 20	2 27	8 23	0 48	22 17	0 7	22 10	0 49	22 4	22 6	2 34			n.a.
W22	20 46	7 8	3 33	24 48	1 21	5 56	0 27	11 56	1 18	23 47	0 52	0 18	2 27	8 24	0 48	22 16	0 7	22 10	0 49	22 4	22 6	2 37			n.a.
T 23	20 34	1 58	4 17	24 47	1 26	5 26	0 33	12 7	1 19	23 48	0 52	0 16	2 27	8 25	0 48	22 16	0 7	22 10	0 49	22 4	22 7	2 40			n.a.
F 24	20 21	3n14	4 49	24 44	1 31	4 56	0 38	12 18	1 19	23 49	0 52	0 14	2 27	8 25	0 48	22 16	0 7	22 10	0 49	22 4	22 7	2 43			n.a.
S 25	20 7	8 18	5 10	24 40	1 36	4 26	0 43	12 29	1 19	23 50	0 53	0 12	2 26	8 26	0 48	22 15	0 7	22 10	0 49	22 4	22 8	2 46			n.a.
S 26	19 54	13 6	5 16	24 34	1 40	3 56	0 49	12 40	1 20	23 50	0 53	0 9	2 26	8 27	0 48	22 15	0 7	22 10	0 49	22 4	22 8	2 49			n.a.
M27	19 40	17 26	5 10	24 27	1 45	3 26	0 55	12 51	1 20	23 51	0 53	0 7	2 26	8 27	0 48	22 15	0 7	22 10	0 49	22 4	22 9	2 52			n.a.
T 28	19 26	21 8	4 49	24 19	1 48	2 56	1 0	13 2	1 20	23 52	0 53	0 5	2 26	8 28	0 48	22 14	0 7	22 10	0 49	22 4	22 9	2 55			n.a.
W29	19 11	23 58	4 15	24 8	1 52	2 26	1 6	13 13	1 21	23 53	0 53	0 3	2 25	8 29	0 48	22 14	0 7	22 10	0 48	22 4	22 10	2 58			n.a.
T 30	18 56	25 40	3 27	23 56	1 55	1 56	1 12	13 24	1 21	23 54	0 53	0 0	2 25	8 30	0 48	22 14	0 7	22 10	0 48	22 4	22 10	3 1			n.a.
F 31	18 s41	26n 0	2n26	23 s43	1 s58	1 s26	1n18	13n35	1n21	23n54	0n53	0n 2	2 s25	8n31	0n48	22 s13	0 s 7	22n10	0 s48	22 s 4	22 s11	3n 4			n.a.

Julian Day Number = 1612213.5, Delta T = 03h52m35s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'58, Lahiri = - 8°04'57 Julian Calendar 1 Jan. 299 BCE == Greg. Calendar 28 Dec. 300 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

FEBRUARY 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 25 51	8♒16'30	7♋ 8	24♑28	24♓30	2♉31	13°R29	5♈41	10°R21	20♑50	15°R50	21♑ 3	20♑14	26♓59	n.a.	S 1
S 2	8 29 47	9°16'31	21°10	26° 9	25°31	3° 2	13♋22	5°46	10♍19	20°52	15♊50	21°R 3	20°10	27° 5	n.a.	S 2
M 3	8 33 44	10°16'31	5♌34	27°51	26°31	3°33	13°16	5°52	10°17	20°54	15°49	21° 3	20° 7	27°12	n.a.	M 3
T 4	8 37 40	11°16'28	20°16	29°35	27°31	4° 4	13°10	5°57	10°15	20°56	15°48	21° 1	20° 4	27°19	n.a.	T 4
W 5	8 41 37	12°16'23	5♍ 7	1♒19	28°30	4°35	13° 3	6° 3	10°13	20°58	15°48	20°59	20° 1	27°26	n.a.	W 5
T 6	8 45 33	13°16'17	20° 1	3° 5	29°29	5° 6	12°57	6° 8	10°11	21° 1	15°47	20°56	19°58	27°32	n.a.	T 6
F 7	8 49 30	14°16'08	4♎49	4°51	0♈28	5°38	12°51	6°14	10° 9	21° 3	15°46	20°53	19°55	27°39	n.a.	F 7
S 8	8 53 26	15°15'58	19°24	6°39	1°26	6° 9	12°46	6°20	10° 6	21° 5	15°46	20°50	19°51	27°46	n.a.	S 8
S 9	8 57 23	16°15'46	3♏42	8°28	2°23	6°41	12°40	6°26	10° 4	21° 7	15°45	20°48	19°48	27°52	n.a.	S 9
M10	9 1 20	17°15'32	17°40	10°18	3°20	7°13	12°35	6°32	10° 2	21° 9	15°45	20°D48	19°45	27°59	n.a.	M10
T 11	9 5 16	18°15'16	1♐18	12°10	4°17	7°44	12°29	6°38	9°59	21°11	15°44	20°48	19°42	28° 6	n.a.	T 11
W12	9 9 13	19°14'59	14°36	14° 2	5°13	8°16	12°24	6°44	9°57	21°13	15°44	20°50	19°39	28°13	n.a.	W12
T 13	9 13 9	20°14'40	27°38	15°56	6° 8	8°48	12°19	6°50	9°55	21°15	15°43	20°52	19°36	28°19	n.a.	T 13
F 14	9 17 6	21°14'19	10♑24	17°51	7° 3	9°20	12°14	6°56	9°52	21°17	15°43	20°53	19°32	28°26	n.a.	F 14
S 15	9 21 2	22°13'56	22°57	19°46	7°57	9°53	12°10	7° 3	9°50	21°19	15°42	20°R53	19°29	28°33	n.a.	S 15
S 16	9 24 59	23°13'31	5♒20	21°43	8°50	10°25	12° 5	7° 9	9°47	21°21	15°42	20°52	19°26	28°39	n.a.	S 16
M17	9 28 55	24°13'03	17°33	23°41	9°43	10°57	12° 1	7°16	9°45	21°23	15°42	20°50	19°23	28°46	n.a.	M17
T 18	9 32 52	25°12'34	29°39	25°40	10°35	11°30	11°56	7°22	9°43	21°25	15°41	20°45	19°20	28°53	n.a.	T 18
W19	9 36 49	26°12'03	11♓38	27°40	11°27	12° 2	11°52	7°29	9°40	21°27	15°41	20°39	19°16	29° 0	n.a.	W19
T 20	9 40 45	27°11'29	23°33	29°41	12°17	12°35	11°49	7°35	9°38	21°29	15°41	20°32	19°13	29° 6	n.a.	T 20
F 21	9 44 42	28°10'53	5♈25	1♓42	13° 7	13° 8	11°45	7°42	9°35	21°31	15°40	20°25	19°10	29°13	n.a.	F 21
S 22	9 48 38	29°10'14	17°16	3°43	13°56	13°41	11°41	7°48	9°33	21°33	15°40	20°19	19° 7	29°20	n.a.	S 22
S 23	9 52 35	0♓ 9'34	29°10	5°45	14°45	14°14	11°38	7°55	9°30	21°35	15°40	20°13	19° 4	29°26	n.a.	S 23
M24	9 56 31	1° 8'51	11♉ 9	7°47	15°32	14°47	11°35	8° 2	9°27	21°37	15°40	20° 9	19° 1	29°33	n.a.	M24
T 25	10 0 28	2° 8'05	23°19	9°49	16°18	15°20	11°32	8° 9	9°25	21°39	15°40	20° 7	18°57	29°40	n.a.	T 25
W26	10 4 24	3° 7'18	5♊43	11°50	17° 4	15°53	11°29	8°16	9°22	21°41	15°39	20°D 7	18°54	29°47	n.a.	W26
T 27	10 8 21	4° 6'27	18°25	13°51	17°49	16°26	11°27	8°23	9°20	21°42	15°39	20° 7	18°51	29°53	n.a.	T 27
F 28	10 12 18	5♓ 5'35	1♋32	15♓50	18♈32	16♉59	11♋24	8♈30	9♍17	21♑44	15♊39	20♑ 9	18♑48	29♓59	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s25	24n48	1n16	23s27	2s 0	0s56	1n24	13n46	1n22	23n55	0n53	0n 4	2s25	8n31	0n48	22s13	0s 7	22n10	0s48	22s 4	22s11	3n 7		n.a.
S 2	18 9	22 2	0s 1	23 10	2 2	0 26	1 30	13 57	1 22	23 56	0 53	0 7	2 25	8 32	0 48	22 13	0 7	22 10	0 48	22 4	22 12	3 10		n.a.
M 3	17 53	17 50	1 19	22 51	2 3	0n 4	1 36	14 8	1 22	23 56	0 53	0 9	2 24	8 33	0 49	22 12	0 7	22 10	0 48	22 4	22 12	3 13		n.a.
T 4	17 36	12 29	2 34	22 31	2 4	0 33	1 42	14 19	1 22	23 57	0 53	0 11	2 24	8 34	0 49	22 12	0 7	22 10	0 48	22 4	22 13	3 16		n.a.
W 5	17 20	6 21	3 39	22 8	2 5	1 3	1 48	14 30	1 23	23 58	0 53	0 14	2 24	8 35	0 49	22 12	0 7	22 10	0 48	22 4	22 13	3 19		n.a.
T 6	17 2	0s 8	4 30	21 44	2 5	1 32	1 54	14 41	1 23	23 58	0 53	0 16	2 24	8 36	0 49	22 11	0 7	22 10	0 48	22 5	22 14	3 22		n.a.
F 7	16 45	6 33	5 2	21 18	2 5	2 2	2 1	14 52	1 23	23 59	0 53	0 19	2 23	8 36	0 49	22 11	0 7	22 10	0 48	22 5	22 14	3 25		n.a.
S 8	16 27	12 31	5 14	20 50	2 4	2 31	2 7	15 3	1 23	24 0	0 53	0 21	2 23	8 37	0 49	22 11	0 7	22 10	0 48	22 6	22 15	3 28		n.a.
S 9	16 9	17 41	5 6	20 21	2 3	3 0	2 13	15 13	1 24	24 0	0 53	0 24	2 23	8 38	0 49	22 11	0 8	22 10	0 48	22 6	22 15	3 31		n.a.
M10	15 51	21 47	4 40	19 49	2 1	3 29	2 20	15 24	1 24	24 1	0 53	0 27	2 23	8 39	0 49	22 10	0 8	22 10	0 47	22 6	22 16	3 34		n.a.
T 11	15 33	24 34	3 59	19 16	1 59	3 57	2 26	15 35	1 24	24 1	0 53	0 29	2 23	8 40	0 49	22 10	0 8	22 10	0 47	22 6	22 16	3 37		n.a.
W12	15 14	25 55	3 6	18 40	1 56	4 26	2 33	15 46	1 24	24 2	0 53	0 32	2 22	8 41	0 49	22 10	0 8	22 10	0 47	22 6	22 16	3 40		n.a.
T 13	14 55	25 47	2 4	18 3	1 53	4 54	2 39	15 56	1 24	24 2	0 53	0 34	2 22	8 42	0 49	22 9	0 8	22 10	0 47	22 5	22 17	3 43		n.a.
F 14	14 36	24 16	0 57	17 24	1 49	5 22	2 46	16 7	1 25	24 3	0 53	0 37	2 22	8 43	0 49	22 9	0 8	22 10	0 47	22 5	22 17	3 46		n.a.
S 15	14 16	21 34	0n11	16 43	1 45	5 49	2 52	16 17	1 25	24 3	0 53	0 40	2 22	8 44	0 49	22 9	0 8	22 10	0 47	22 5	22 18	3 49		n.a.
S 16	13 57	17 54	1 18	16 1	1 40	6 17	2 59	16 28	1 25	24 4	0 53	0 42	2 22	8 45	0 49	22 8	0 8	22 11	0 47	22 5	22 18	3 52		n.a.
M17	13 37	13 32	2 20	15 16	1 34	6 44	3 6	16 38	1 25	24 4	0 53	0 45	2 22	8 46	0 49	22 8	0 8	22 11	0 47	22 6	22 19	3 55		n.a.
T 18	13 17	8 41	3 16	14 30	1 28	7 11	3 12	16 49	1 25	24 4	0 53	0 48	2 21	8 46	0 49	22 8	0 8	22 11	0 47	22 6	22 19	3 58		n.a.
W19	12 56	3 34	4 1	13 42	1 22	7 37	3 19	16 59	1 25	24 5	0 53	0 51	2 21	8 47	0 49	22 7	0 8	22 11	0 47	22 7	22 20	4 1		n.a.
T 20	12 36	1n38	4 36	12 53	1 14	8 4	3 25	17 10	1 26	24 5	0 53	0 53	2 21	8 48	0 49	22 7	0 8	22 11	0 47	22 8	22 20	4 4		n.a.
F 21	12 15	6 45	4 59	12 2	1 7	8 29	3 32	17 20	1 26	24 5	0 53	0 56	2 21	8 49	0 49	22 7	0 8	22 11	0 47	22 10	22 21	4 7		n.a.
S 22	11 54	11 37	5 9	11 10	0 58	8 55	3 39	17 30	1 26	24 6	0 53	0 59	2 21	8 50	0 49	22 7	0 8	22 11	0 47	22 11	22 21	4 10		n.a.
S 23	11 33	16 4	5 6	10 16	0 49	9 20	3 45	17 40	1 26	24 6	0 53	1 2	2 20	8 51	0 49	22 6	0 8	22 11	0 46	22 11	22 21	4 13		n.a.
M24	11 12	19 56	4 49	9 22	0 40	9 45	3 52	17 50	1 26	24 6	0 53	1 5	2 20	8 52	0 49	22 6	0 8	22 11	0 46	22 12	22 22	4 16		n.a.
T 25	10 51	23 1	4 20	8 26	0 30	10 9	3 59	18 0	1 26	24 6	0 53	1 8	2 20	8 53	0 49	22 6	0 8	22 11	0 46	22 12	22 22	4 19		n.a.
W26	10 29	25 5	3 37	7 30	0 19	10 33	4 5	18 10	1 26	24 7	0 53	1 10	2 20	8 54	0 49	22 5	0 8	22 11	0 46	22 12	22 23	4 22		n.a.
T 27	10 7	25 56	2 43	6 34	0 8	10 56	4 12	18 20	1 26	24 7	0 53	1 13	2 20	8 55	0 49	22 5	0 8	22 11	0 46	22 12	22 23	4 25		n.a.
F 28	9s46	25n22	1n39	5s37	0n 3	11n19	4n18	18n30	1n26	24n 7	0n53	1n16	2s20	8n56	0n49	22s 5	0s 8	22n11	0s46	22s12	22s24	4n28		n.a.

Julian Day Number = 1612244.5, Delta T = 03h52m34s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'54, Lahiri = - 8°04'53 Julian Calendar 1 Feb. 299 BCE == Greg. Calendar 28 Jan. 299 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

MARCH 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 16 14	6♓ 4'40	15♋ 5	17♓48	19♈15	17♉33	11°R22	8♈37	9°R15	21♑46	15°R39	20°R10	18♑45	0♈ 7	n.a.	S 1
S 2	10 20 11	7° 3'42	29° 6	19°44	19°56	18° 6	11♋20	8°44	9♍12	21°48	15♊39	20♑10	18°41	0°13	n.a.	S 2
M 3	10 24 7	8° 2'42	13♌34	21°37	20°37	18°40	11°18	8°51	9° 9	21°49	15°39	20° 7	18°38	0°20	n.a.	M 3
T 4	10 28 4	9° 1'40	28°26	23°28	21°16	19°13	11°17	8°58	9° 7	21°51	15°D39	20° 3	18°35	0°27	n.a.	T 4
W 5	10 32 0	10° 0'36	13♍35	25°16	21°54	19°47	11°15	9° 5	9° 4	21°53	15°39	19°57	18°32	0°34	n.a.	W 5
T 6	10 35 57	10°59'29	28°50	27° 1	22°30	20°21	11°14	9°12	9° 2	21°54	15°39	19°49	18°29	0°40	n.a.	T 6
F 7	10 39 53	11°58'21	14♎ 0	28°42	23° 6	20°54	11°13	9°19	8°59	21°56	15°39	19°42	18°26	0°47	n.a.	F 7
S 8	10 43 50	12°57'10	28°56	0♈18	23°40	21°28	11°12	9°27	8°56	21°58	15°39	19°34	18°22	0°54	n.a.	S 8
S 9	10 47 46	13°55'58	13♏30	1°51	24°12	22° 2	11°11	9°34	8°54	21°59	15°39	19°29	18°19	1° 0	n.a.	S 9
M10	10 51 43	14°54'44	27°38	3°18	24°43	22°36	11°11	9°41	8°51	22° 1	15°40	19°25	18°16	1° 7	n.a.	M10
T 11	10 55 40	15°53'28	11♐20	4°41	25°13	23°10	11°10	9°49	8°49	22° 2	15°40	19°D24	18°13	1°14	n.a.	T 11
W12	10 59 36	16°52'10	24°36	5°59	25°41	23°44	11°D10	9°56	8°46	22° 4	15°40	19°24	18°10	1°21	n.a.	W12
T 13	11 3 33	17°50'51	7♑29	7°11	26° 7	24°18	11°10	10° 4	8°44	22° 5	15°40	19°25	18° 7	1°27	n.a.	T 13
F 14	11 7 29	18°49'30	20° 4	8°18	26°32	24°52	11°10	10°11	8°41	22° 7	15°40	19°R25	18° 3	1°34	n.a.	F 14
S 15	11 11 26	19°48'07	2♒25	9°20	26°55	25°26	11°11	10°19	8°39	22° 8	15°41	19°25	18° 0	1°41	n.a.	S 15
S 16	11 15 22	20°46'42	14°35	10°15	27°16	26° 0	11°11	10°26	8°36	22°10	15°41	19°21	17°57	1°47	n.a.	S 16
M17	11 19 19	21°45'15	26°37	11° 5	27°36	26°35	11°12	10°34	8°34	22°11	15°41	19°16	17°54	1°54	n.a.	M17
T 18	11 23 15	22°43'46	8♓33	11°49	27°53	27° 9	11°13	10°41	8°31	22°12	15°42	19° 7	17°51	2° 1	n.a.	T 18
W19	11 27 12	23°42'16	20°27	12°27	28° 9	27°43	11°14	10°49	8°29	22°14	15°42	18°57	17°47	2° 8	n.a.	W19
T 20	11 31 9	24°40'43	2♈19	12°59	28°22	28°18	11°16	10°57	8°26	22°15	15°42	18°45	17°44	2°14	n.a.	T 20
F 21	11 35 5	25°39'08	14°11	13°25	28°33	28°52	11°17	11° 4	8°24	22°16	15°43	18°32	17°41	2°21	n.a.	F 21
S 22	11 39 2	26°37'31	26° 4	13°45	28°43	29°27	11°19	11°12	8°21	22°17	15°43	18°20	17°38	2°28	n.a.	S 22
S 23	11 42 58	27°35'53	8♉ 0	13°59	28°49	0♊ 2	11°21	11°20	8°19	22°19	15°44	18° 9	17°35	2°34	n.a.	S 23
M24	11 46 55	28°34'12	20° 2	14° 7	28°54	0°36	11°23	11°27	8°16	22°20	15°44	18° 1	17°32	2°41	n.a.	M24
T 25	11 50 51	29°32'29	2♊13	14°R 9	28°R56	1°11	11°25	11°35	8°14	22°21	15°45	17°55	17°28	2°48	n.a.	T 25
W26	11 54 48	0♈30'44	14°36	14° 6	28°56	1°46	11°27	11°43	8°12	22°22	15°45	17°52	17°25	2°55	n.a.	W26
T 27	11 58 44	1°28'57	27°15	13°57	28°54	2°20	11°30	11°50	8° 9	22°23	15°46	17°D51	17°22	3° 1	n.a.	T 27
F 28	12 2 41	2°27'08	10♋16	13°44	28°49	2°55	11°33	11°58	8° 7	22°24	15°46	17°51	17°19	3° 8	n.a.	F 28
S 29	12 6 37	3°25'16	23°41	13°25	28°42	3°30	11°36	12° 6	8° 5	22°25	15°47	17°R51	17°16	3°15	n.a.	S 29
S 30	12 10 34	4°23'23	7♌33	13° 2	28°32	4° 5	11°39	12°14	8° 3	22°26	15°47	17°50	17°13	3°21	n.a.	S 30
M31	12 14 31	5♈21'27	21♌54	12♈35	28♈20	4♊40	11♋42	12♈22	8♍ 0	22♑27	15♊48	17♑46	17♑ 9	3♈28	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s24	23n19	0n27	4s40	0n14	11n42	4n25	18n39	1n27	24n 7	0n53	1n19	2s20	8n57	0n49	22s 5	0s 8	22n11	0s46	22s12	22s24	4n31		n.a.
S 2	9 1	19 48	0s48	3 43	0 26	12 4	4 31	18 49	1 27	24 7	0 53	1 22	2 19	8 58	0 49	22 4	0 8	22 11	0 46	22 12	22 25	4 33		n.a.
M 3	8 39	15 0	2 3	2 47	0 38	12 25	4 38	18 59	1 27	24 7	0 53	1 25	2 19	8 59	0 49	22 4	0 8	22 11	0 46	22 12	22 25	4 36		n.a.
T 4	8 17	9 10	3 11	1 51	0 50	12 46	4 44	19 8	1 27	24 8	0 53	1 28	2 19	9 0	0 49	22 4	0 8	22 11	0 46	22 13	22 26	4 39		n.a.
W 5	7 54	2 44	4 7	0 57	1 2	13 7	4 51	19 17	1 27	24 8	0 53	1 31	2 19	9 1	0 49	22 4	0 8	22 12	0 46	22 14	22 26	4 42		n.a.
T 6	7 32	3s54	4 46	0 4	1 14	13 26	4 57	19 27	1 27	24 8	0 53	1 34	2 19	9 2	0 49	22 3	0 8	22 12	0 46	22 15	22 26	4 45		n.a.
F 7	7 9	10 15	5 5	0n47	1 26	13 46	5 3	19 36	1 27	24 8	0 53	1 37	2 19	9 3	0 49	22 3	0 8	22 12	0 45	22 16	22 27	4 48		n.a.
S 8	6 47	15 55	5 2	1 37	1 38	14 4	5 9	19 45	1 27	24 8	0 53	1 40	2 19	9 4	0 49	22 3	0 8	22 12	0 45	22 17	22 27	4 51		n.a.
S 9	6 24	20 31	4 40	2 24	1 49	14 22	5 15	19 54	1 27	24 8	0 53	1 43	2 19	9 5	0 49	22 3	0 8	22 12	0 45	22 18	22 28	4 54		n.a.
M10	6 1	23 47	4 1	3 10	2 0	14 39	5 21	20 3	1 27	24 8	0 53	1 46	2 18	9 6	0 49	22 2	0 8	22 12	0 45	22 18	22 28	4 57		n.a.
T 11	5 38	25 32	3 9	3 52	2 10	14 56	5 27	20 12	1 27	24 8	0 53	1 49	2 18	9 7	0 49	22 2	0 8	22 12	0 45	22 19	22 29	5 0		n.a.
W12	5 15	25 46	2 9	4 32	2 20	15 11	5 32	20 20	1 27	24 8	0 53	1 52	2 18	9 8	0 49	22 2	0 8	22 12	0 45	22 19	22 29	5 3		n.a.
T 13	4 52	24 34	1 3	5 10	2 29	15 26	5 38	20 29	1 27	24 8	0 53	1 55	2 18	9 9	0 49	22 2	0 8	22 12	0 45	22 18	22 29	5 6		n.a.
F 14	4 28	22 9	0n 3	5 44	2 37	15 40	5 43	20 38	1 27	24 8	0 52	1 58	2 18	9 10	0 49	22 1	0 8	22 12	0 45	22 18	22 30	5 9		n.a.
S 15	4 5	18 45	1 9	6 16	2 45	15 54	5 48	20 46	1 27	24 8	0 52	2 1	2 18	9 11	0 49	22 1	0 8	22 13	0 45	22 19	22 30	5 12		n.a.
S 16	3 42	14 35	2 10	6 44	2 51	16 6	5 53	20 54	1 27	24 7	0 52	2 4	2 18	9 12	0 49	22 1	0 8	22 13	0 45	22 19	22 31	5 15		n.a.
M17	3 19	9 54	3 5	7 9	2 57	16 18	5 58	21 3	1 27	24 7	0 52	2 7	2 18	9 13	0 49	22 1	0 8	22 13	0 45	22 20	22 31	5 18		n.a.
T 18	2 55	4 54	3 50	7 31	3 2	16 28	6 3	21 11	1 27	24 7	0 52	2 11	2 18	9 14	0 49	22 1	0 8	22 13	0 45	22 21	22 32	5 21		n.a.
W19	2 32	0n14	4 26	7 49	3 6	16 38	6 7	21 19	1 27	24 7	0 52	2 14	2 18	9 15	0 49	22 0	0 8	22 13	0 44	22 22	22 32	5 23		n.a.
T 20	2 8	5 21	4 50	8 4	3 8	16 47	6 11	21 27	1 27	24 7	0 52	2 17	2 17	9 16	0 49	22 0	0 8	22 13	0 44	22 24	22 32	5 26		n.a.
F 21	1 45	10 16	5 1	8 16	3 10	16 54	6 15	21 34	1 27	24 7	0 52	2 20	2 17	9 16	0 49	22 0	0 8	22 13	0 44	22 26	22 33	5 29		n.a.
S 22	1 21	14 49	4 59	8 24	3 10	17 1	6 18	21 42	1 27	24 6	0 52	2 23	2 17	9 17	0 49	22 0	0 8	22 13	0 44	22 28	22 33	5 32		n.a.
S 23	0 58	18 49	4 44	8 29	3 9	17 6	6 21	21 49	1 27	24 6	0 52	2 26	2 17	9 18	0 49	22 0	0 8	22 14	0 44	22 29	22 34	5 35		n.a.
M24	0 35	22 5	4 17	8 30	3 7	17 11	6 24	21 57	1 27	24 6	0 52	2 29	2 17	9 19	0 49	21 59	0 8	22 14	0 44	22 30	22 34	5 38		n.a.
T 25	0 11	24 24	3 37	8 27	3 3	17 14	6 26	22 4	1 27	24 6	0 52	2 32	2 17	9 20	0 49	21 59	0 8	22 14	0 44	22 31	22 35	5 41		n.a.
W26	0n12	25 35	2 47	8 21	2 58	17 16	6 28	22 11	1 27	24 6	0 52	2 35	2 17	9 21	0 49	21 59	0 8	22 14	0 44	22 31	22 35	5 44		n.a.
T 27	0 36	25 29	1 47	8 12	2 52	17 16	6 30	22 18	1 27	24 5	0 52	2 38	2 17	9 22	0 49	21 59	0 8	22 14	0 44	22 32	22 35	5 47		n.a.
F 28	0 59	24 0	0 40	7 59	2 44	17 15	6 31	22 25	1 27	24 5	0 52	2 42	2 17	9 23	0 49	21 59	0 8	22 14	0 44	22 32	22 36	5 50		n.a.
S 29	1 23	21 7	0s31	7 44	2 35	17 13	6 31	22 32	1 27	24 5	0 52	2 45	2 17	9 23	0 49	21 59	0 8	22 14	0 44	22 32	22 36	5 53		n.a.
S 30	1 46	16 57	1 42	7 25	2 25	17 10	6 31	22 39	1 27	24 4	0 52	2 48	2 17	9 24	0 49	21 58	0 8	22 14	0 44	22 32	22 37	5 55		n.a.
M31	2n 9	11n42	2s50	7n 4	2n13	17n 5	6n31	22n45	1n27	24n 4	0n52	2n51	2s17	9n25	0n49	21s58	0s 8	22n15	0s44	22s32	22s37	5n58		n.a.

Julian Day Number = 1612272.5, Delta T = 03h52m33s
Ecliptic obliquity = 23°43'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'50, Lahiri = - 8°04'49 Julian Calendar 1 March 299 BCE == Greg. Calendar 25 Feb. 299 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

APRIL 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 18 27	6♈19'29	6♍42	12°R 5	28°R 5	5♊15	11♋46	12♈29	7°R58	22♏28	15♊49	17°R40	17♏ 6	3♈35	n.a.	T 1
W 2	12 22 24	7°17'30	21°50	11♈32	27♈48	5°50	11°49	12°37	7♍56	22°29	15°49	17♏32	17° 3	3°42	n.a.	W 2
T 3	12 26 20	8°15'28	7♎ 9	10°57	27°28	6°25	11°53	12°45	7°54	22°30	15°50	17°22	17° 0	3°48	n.a.	T 3
F 4	12 30 17	9°13'25	22°28	10°20	27° 6	7° 0	11°57	12°53	7°52	22°31	15°51	17°11	16°57	3°55	n.a.	F 4
S 5	12 34 13	10°11'20	7♏36	9°43	26°42	7°35	12° 1	13° 1	7°50	22°32	15°51	17° 1	16°53	4° 2	n.a.	S 5
S 6	12 38 10	11° 9'14	22°23	9° 5	26°16	8°10	12° 6	13° 8	7°48	22°32	15°52	16°53	16°50	4° 9	n.a.	S 6
M 7	12 42 6	12° 7'06	6♐43	8°28	25°48	8°45	12°10	13°16	7°46	22°33	15°53	16°47	16°47	4°15	n.a.	M 7
T 8	12 46 3	13° 4'57	20°33	7°52	25°18	9°21	12°15	13°24	7°44	22°34	15°54	16°44	16°44	4°22	n.a.	T 8
W 9	12 50 0	14° 2'47	3♑54	7°17	24°46	9°56	12°19	13°32	7°42	22°35	15°55	16°42	16°41	4°29	n.a.	W 9
T 10	12 53 56	15° 0'35	16°49	6°45	24°13	10°31	12°24	13°40	7°40	22°35	15°56	16°42	16°38	4°35	n.a.	T 10
F 11	12 57 53	15°58'22	29°22	6°16	23°39	11° 6	12°30	13°48	7°38	22°36	15°56	16°42	16°34	4°42	n.a.	F 11
S 12	13 1 49	16°56'08	11♒38	5°50	23° 3	11°42	12°35	13°56	7°36	22°36	15°57	16°41	16°31	4°49	n.a.	S 12
S 13	13 5 46	17°53'53	23°43	5°27	22°26	12°17	12°40	14° 3	7°35	22°37	15°58	16°37	16°28	4°56	n.a.	S 13
M14	13 9 42	18°51'36	5♓39	5° 9	21°49	12°53	12°46	14°11	7°33	22°38	15°59	16°30	16°25	5° 2	n.a.	M14
T 15	13 13 39	19°49'18	17°31	4°54	21°11	13°28	12°51	14°19	7°31	22°38	16° 0	16°21	16°22	5° 9	n.a.	T 15
W16	13 17 35	20°46'58	29°22	4°44	20°34	14° 4	12°57	14°27	7°29	22°39	16° 1	16°10	16°18	5°16	n.a.	W16
T 17	13 21 32	21°44'37	11♈14	4°38	19°56	14°39	13° 3	14°35	7°28	22°39	16° 2	15°56	16°15	5°22	n.a.	T 17
F 18	13 25 29	22°42'15	23° 8	4°D37	19°18	15°15	13° 9	14°42	7°26	22°39	16° 3	15°42	16°12	5°29	n.a.	F 18
S 19	13 29 25	23°39'52	5♉ 6	4°41	18°41	15°50	13°16	14°50	7°25	22°40	16° 4	15°29	16° 9	5°36	n.a.	S 19
S 20	13 33 22	24°37'27	17° 9	4°48	18° 5	16°26	13°22	14°58	7°23	22°40	16° 5	15°17	16° 6	5°43	n.a.	S 20
M21	13 37 18	25°35'01	29°18	5° 1	17°30	17° 2	13°29	15° 6	7°22	22°40	16° 6	15° 7	16° 3	5°49	n.a.	M21
T 22	13 41 15	26°32'33	11♊37	5°18	16°56	17°37	13°35	15°13	7°20	22°41	16° 7	15° 1	15°59	5°56	n.a.	T 22
W23	13 45 11	27°30'05	24° 6	5°39	16°23	18°13	13°42	15°21	7°19	22°41	16° 8	14°57	15°56	6° 3	n.a.	W23
T 24	13 49 8	28°27'34	6♋49	6° 5	15°52	18°49	13°49	15°29	7°18	22°41	16° 9	14°55	15°53	6°10	n.a.	T 24
F 25	13 53 4	29°25'03	19°49	6°35	15°22	19°25	13°56	15°37	7°16	22°41	16°11	14°D55	15°50	6°16	n.a.	F 25
S 26	13 57 1	0♌22'29	3♌11	7° 9	14°55	20° 0	14° 4	15°44	7°15	22°41	16°12	14°R55	15°47	6°23	n.a.	S 26
S 27	14 0 58	1°19'55	16°55	7°47	14°29	20°36	14°11	15°52	7°14	22°42	16°13	14°55	15°44	6°30	n.a.	S 27
M28	14 4 54	2°17'18	1♍ 5	8°28	14° 6	21°12	14°18	16° 0	7°13	22°42	16°14	14°52	15°40	6°36	n.a.	M28
T 29	14 8 51	3°14'41	15°39	9°14	13°45	21°48	14°26	16° 7	7°12	22°42	16°15	14°47	15°37	6°43	n.a.	T 29
W30	14 12 47	4♌12'02	0♎33	10♈ 3	13♈26	22♊24	14♋34	16♈15	7♍11	22°R42	16♊16	14♏39	15♏34	6♈50	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n32	5n38	3s48	6n41	2n 0	16n58	6n30	22n52	1n27	24n 4	0n51	2n54	2s17	9n26	0n49	21s58	0s 8	22n15	0s43	22s33	22s37	6n 1		n.a.
W 2	2 56	0s52	4 31	6 15	1 47	16 50	6 28	22 58	1 27	24 3	0 51	2 57	2 17	9 27	0 49	21 58	0 8	22 15	0 43	22 34	22 38	6 4		n.a.
T 3	3 19	7 23	4 56	5 48	1 32	16 41	6 26	23 4	1 27	24 3	0 51	3 0	2 17	9 27	0 48	21 58	0 8	22 15	0 43	22 35	22 38	6 7		n.a.
F 4	3 42	13 28	4 59	5 19	1 17	16 30	6 23	23 10	1 27	24 2	0 51	3 3	2 17	9 28	0 48	21 58	0 8	22 15	0 43	22 37	22 39	6 10		n.a.
S 5	4 5	18 39	4 42	4 49	1 1	16 18	6 19	23 16	1 27	24 2	0 51	3 6	2 17	9 29	0 48	21 58	0 8	22 15	0 43	22 38	22 39	6 13		n.a.
S 6	4 28	22 32	4 5	4 19	0 44	16 4	6 15	23 22	1 27	24 1	0 51	3 9	2 16	9 30	0 48	21 58	0 8	22 16	0 43	22 39	22 39	6 16		n.a.
M 7	4 51	24 53	3 14	3 49	0 27	15 49	6 10	23 28	1 27	24 1	0 51	3 13	2 16	9 30	0 48	21 57	0 8	22 16	0 43	22 40	22 40	6 19		n.a.
T 8	5 14	25 37	2 14	3 19	0 10	15 32	6 4	23 33	1 27	24 1	0 51	3 16	2 16	9 31	0 48	21 57	0 8	22 16	0 43	22 40	22 40	6 21		n.a.
W 9	5 36	24 48	1 7	2 49	0s 7	15 14	5 58	23 38	1 27	24 0	0 51	3 19	2 16	9 32	0 48	21 57	0 8	22 16	0 43	22 40	22 41	6 24		n.a.
T 10	5 59	22 39	0n 1	2 21	0 24	14 55	5 50	23 43	1 27	23 59	0 51	3 22	2 16	9 33	0 48	21 57	0 8	22 16	0 43	22 40	22 41	6 27		n.a.
F 11	6 22	19 27	1 6	1 54	0 40	14 34	5 42	23 49	1 26	23 59	0 51	3 25	2 16	9 33	0 48	21 57	0 8	22 16	0 43	22 40	22 41	6 30		n.a.
S 12	6 44	15 28	2 8	1 29	0 56	14 13	5 34	23 53	1 26	23 58	0 51	3 28	2 16	9 34	0 48	21 57	0 8	22 17	0 43	22 41	22 42	6 33		n.a.
S 13	7 6	10 55	3 2	1 6	1 12	13 50	5 25	23 58	1 26	23 58	0 51	3 31	2 16	9 35	0 48	21 57	0 8	22 17	0 43	22 41	22 42	6 36		n.a.
M14	7 29	6 2	3 48	0 45	1 26	13 27	5 15	24 3	1 26	23 57	0 51	3 34	2 16	9 35	0 48	21 57	0 9	22 17	0 42	22 42	22 43	6 39		n.a.
T 15	7 51	0 57	4 23	0 26	1 41	13 3	5 4	24 7	1 26	23 57	0 51	3 37	2 16	9 36	0 48	21 57	0 9	22 17	0 42	22 43	22 43	6 42		n.a.
W16	8 13	4n 7	4 47	0 10	1 54	12 38	4 53	24 11	1 26	23 56	0 51	3 40	2 16	9 36	0 48	21 57	0 9	22 17	0 42	22 44	22 43	6 44		n.a.
T 17	8 34	9 4	4 59	0s 4	2 6	12 13	4 41	24 16	1 26	23 55	0 51	3 43	2 16	9 37	0 48	21 57	0 9	22 17	0 42	22 46	22 44	6 47		n.a.
F 18	8 56	13 41	4 57	0 15	2 18	11 47	4 29	24 20	1 26	23 55	0 51	3 46	2 16	9 37	0 48	21 57	0 9	22 18	0 42	22 48	22 44	6 50		n.a.
S 19	9 18	17 48	4 43	0 23	2 28	11 21	4 16	24 23	1 26	23 54	0 51	3 49	2 16	9 38	0 48	21 57	0 9	22 18	0 42	22 49	22 45	6 53		n.a.
S 20	9 39	21 14	4 15	0 29	2 38	10 55	4 3	24 27	1 26	23 53	0 50	3 52	2 16	9 39	0 48	21 57	0 9	22 18	0 42	22 51	22 45	6 56		n.a.
M21	10 1	23 46	3 36	0 32	2 46	10 29	3 50	24 31	1 26	23 53	0 50	3 55	2 16	9 39	0 48	21 56	0 9	22 18	0 42	22 52	22 45	6 59		n.a.
T 22	10 22	25 12	2 46	0 32	2 54	10 3	3 36	24 34	1 25	23 52	0 50	3 58	2 16	9 40	0 48	21 56	0 9	22 18	0 42	22 53	22 46	7 1		n.a.
W23	10 43	25 24	1 48	0 29	3 1	9 37	3 22	24 37	1 25	23 51	0 50	4 1	2 16	9 40	0 48	21 56	0 9	22 18	0 42	22 53	22 46	7 4		n.a.
T 24	11 3	24 16	0 43	0 24	3 7	9 12	3 8	24 40	1 25	23 50	0 50	4 4	2 17	9 41	0 48	21 56	0 9	22 19	0 42	22 53	22 46	7 7		n.a.
F 25	11 24	21 49	0s26	0 17	3 11	8 48	2 54	24 43	1 25	23 50	0 50	4 7	2 17	9 41	0 48	21 56	0 9	22 19	0 42	22 53	22 47	7 10		n.a.
S 26	11 45	18 9	1 35	0 7	3 15	8 24	2 40	24 46	1 25	23 49	0 50	4 10	2 17	9 41	0 48	21 56	0 9	22 19	0 42	22 53	22 47	7 13		n.a.
S 27	12 5	13 24	2 41	0n 5	3 18	8 1	2 26	24 48	1 25	23 48	0 50	4 13	2 17	9 42	0 48	21 56	0 9	22 19	0 41	22 53	22 48	7 16		n.a.
M28	12 25	7 49	3 39	0 20	3 20	7 39	2 12	24 51	1 25	23 47	0 50	4 16	2 17	9 42	0 48	21 56	0 9	22 19	0 41	22 54	22 48	7 18		n.a.
T 29	12 45	1 40	4 24	0 37	3 22	7 18	1 58	24 53	1 25	23 46	0 50	4 19	2 17	9 43	0 48	21 56	0 9	22 20	0 41	22 54	22 48	7 21		n.a.
W30	13n 4	4s42	4s53	0n56	3s22	6n58	1n44	24n55	1n25	23n45	0n50	4n22	2s17	9n43	0n48	21s56	0s 9	22n20	0s41	22s55	22s49	7n24		n.a.

Julian Day Number = 1612303.5, Delta T = 03h52m32s
Ecliptic obliquity = 23°43'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'46, Lahiri = - 8°04'45 Julian Calendar 1 Apr. 299 BCE == Greg. Calendar 28 March 299 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

MAY 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 16 44	5♉ 9'22	15♎40	10♈56	13°R 9	23♊ 0	14♋42	16♈22	7°R10	22°R42	16♊18	14°R30	15♑31	6♈57	n.a.	T 1
F 2	14 20 40	6° 6'41	0♏51	11°52	12♈55	23°36	14°50	16°30	7♍ 9	22♑42	16°19	14♑20	15°28	7° 3	n.a.	F 2
S 3	14 24 37	7° 3'59	15°55	12°52	12°43	24°12	14°58	16°38	7° 8	22°42	16°20	14°11	15°24	7°10	n.a.	S 3
S 4	14 28 33	8° 1'16	0♐42	13°55	12°34	24°48	15° 6	16°45	7° 7	22°41	16°21	14° 3	15°21	7°17	n.a.	S 4
M 5	14 32 30	8°58'32	15° 5	15° 2	12°27	25°24	15°14	16°53	7° 6	22°41	16°23	13°58	15°18	7°23	n.a.	M 5
T 6	14 36 27	9°55'48	29° 0	16°11	12°22	26° 0	15°23	17° 0	7° 6	22°41	16°24	13°55	15°15	7°30	n.a.	T 6
W 7	14 40 23	10°53'04	12♑27	17°24	12°D20	26°36	15°31	17° 7	7° 5	22°41	16°25	13°D54	15°12	7°37	n.a.	W 7
T 8	14 44 20	11°50'18	25°27	18°39	12°20	27°13	15°40	17°15	7° 4	22°41	16°27	13°55	15° 9	7°44	n.a.	T 8
F 9	14 48 16	12°47'32	8♒ 4	19°58	12°23	27°49	15°49	17°22	7° 4	22°40	16°28	13°R55	15° 5	7°50	n.a.	F 9
S 10	14 52 13	13°44'46	20°22	21°20	12°27	28°25	15°58	17°30	7° 3	22°40	16°29	13°55	15° 2	7°57	n.a.	S 10
S 11	14 56 9	14°41'59	2♓26	22°45	12°34	29° 1	16° 7	17°37	7° 3	22°40	16°31	13°53	14°59	8° 4	n.a.	S 11
M12	15 0 6	15°39'12	14°22	24°12	12°44	29°38	16°16	17°44	7° 2	22°39	16°32	13°49	14°56	8°11	n.a.	M12
T 13	15 4 2	16°36'24	26°14	25°43	12°55	0♋14	16°25	17°51	7° 2	22°39	16°33	13°43	14°53	8°17	n.a.	T 13
W14	15 7 59	17°33'36	8♈ 5	27°16	13° 8	0°50	16°34	17°59	7° 1	22°38	16°35	13°35	14°50	8°24	n.a.	W14
T 15	15 11 56	18°30'48	19°59	28°52	13°24	1°27	16°44	18° 6	7° 1	22°38	16°36	13°26	14°46	8°31	n.a.	T 15
F 16	15 15 52	19°27'59	1♉58	0♉31	13°41	2° 3	16°53	18°13	7° 1	22°38	16°38	13°16	14°43	8°37	n.a.	F 16
S 17	15 19 49	20°25'10	14° 3	2°13	14° 0	2°39	17° 3	18°20	7° 1	22°37	16°39	13° 6	14°40	8°44	n.a.	S 17
S 18	15 23 45	21°22'20	26°16	3°58	14°21	3°16	17°13	18°27	7° 1	22°36	16°40	12°57	14°37	8°51	n.a.	S 18
M19	15 27 42	22°19'30	8♊38	5°45	14°43	3°52	17°22	18°34	7° 1	22°36	16°42	12°51	14°34	8°58	n.a.	M19
T 20	15 31 38	23°16'40	21°11	7°35	15° 8	4°29	17°32	18°41	7°D 0	22°35	16°43	12°46	14°30	9° 4	n.a.	T 20
W21	15 35 35	24°13'49	3♋54	9°28	15°34	5° 5	17°42	18°48	7° 1	22°35	16°45	12°44	14°27	9°11	n.a.	W21
T 22	15 39 31	25°10'58	16°50	11°23	16° 1	5°42	17°52	18°55	7° 1	22°34	16°46	12°D44	14°24	9°18	n.a.	T 22
F 23	15 43 28	26° 8'06	29°59	13°21	16°30	6°19	18° 3	19° 1	7° 1	22°33	16°48	12°45	14°21	9°24	n.a.	F 23
S 24	15 47 25	27° 5'13	13♌26	15°20	17° 1	6°55	18°13	19° 8	7° 1	22°33	16°49	12°46	14°18	9°31	n.a.	S 24
S 25	15 51 21	28° 2'20	27°10	17°22	17°32	7°32	18°23	19°15	7° 1	22°32	16°51	12°R46	14°15	9°38	n.a.	S 25
M26	15 55 18	28°59'26	11♍12	19°26	18° 6	8° 9	18°34	19°22	7° 1	22°31	16°52	12°46	14°11	9°45	n.a.	M26
T 27	15 59 14	29°56'32	25°33	21°32	18°40	8°45	18°44	19°28	7° 2	22°30	16°54	12°43	14° 8	9°51	n.a.	T 27
W28	16 3 11	0♊53'38	10♎ 8	23°39	19°16	9°22	18°55	19°35	7° 2	22°29	16°55	12°39	14° 5	9°58	n.a.	W28
T 29	16 7 7	1°50'43	24°54	25°47	19°52	9°59	19° 5	19°41	7° 3	22°28	16°57	12°34	14° 2	10° 5	n.a.	T 29
F 30	16 11 4	2°47'48	9♏43	27°56	20°31	10°36	19°16	19°48	7° 3	22°28	16°58	12°28	13°59	10°12	n.a.	F 30
S 31	16 15 1	3♊44'52	24♏28	0♊ 6	21♈10	11♋12	19♋27	19♈54	7♍ 4	22♑27	17♊ 0	12♑23	13♑55	10♈18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	13n24	10s52	5s 2	1n17	3s22	6n38	1n31	24n57	1n24	23n44	0n50	4n25	2s17	9n43	0n48	21s56	0s 9	22n20	0s41	22s56	22s49	7n27			n.a.
F 2	13 43	16 25	4 50	1 41	3 21	6 21	1 17	24 59	1 24	23 43	0 50	4 28	2 17	9 44	0 48	21 56	0 9	22 20	0 41	22 57	22 49	7 30			n.a.
S 3	14 2	20 54	4 18	2 6	3 19	6 4	1 4	25 0	1 24	23 42	0 50	4 31	2 17	9 44	0 47	21 56	0 9	22 20	0 41	22 58	22 50	7 33			n.a.
S 4	14 21	23 56	3 28	2 33	3 16	5 48	0 51	25 2	1 24	23 41	0 50	4 33	2 17	9 44	0 47	21 57	0 9	22 21	0 41	22 59	22 50	7 35			n.a.
M 5	14 40	25 19	2 27	3 2	3 13	5 34	0 39	25 3	1 24	23 40	0 50	4 36	2 17	9 44	0 47	21 57	0 9	22 21	0 41	22 59	22 51	7 38			n.a.
T 6	14 58	25 2	1 19	3 32	3 9	5 21	0 26	25 4	1 24	23 39	0 50	4 39	2 17	9 45	0 47	21 57	0 9	22 21	0 41	23 0	22 51	7 41			n.a.
W 7	15 16	23 16	0 8	4 5	3 4	5 9	0 14	25 5	1 24	23 38	0 50	4 42	2 17	9 45	0 47	21 57	0 9	22 21	0 41	23 0	22 51	7 44			n.a.
T 8	15 34	20 18	1n 1	4 39	2 59	4 58	0 3	25 6	1 23	23 37	0 50	4 45	2 17	9 45	0 47	21 57	0 9	22 21	0 41	23 0	22 52	7 47			n.a.
F 9	15 52	16 28	2 5	5 14	2 53	4 49	0s 9	25 6	1 23	23 36	0 50	4 47	2 17	9 45	0 47	21 57	0 9	22 22	0 41	23 0	22 52	7 49			n.a.
S 10	16 9	12 0	3 2	5 51	2 46	4 41	0 19	25 6	1 23	23 35	0 50	4 50	2 17	9 45	0 47	21 57	0 9	22 22	0 41	23 0	22 52	7 52			n.a.
S 11	16 27	7 10	3 49	6 29	2 39	4 34	0 30	25 7	1 23	23 34	0 50	4 53	2 17	9 46	0 47	21 57	0 9	22 22	0 40	23 0	22 53	7 55			n.a.
M12	16 44	2 9	4 26	7 9	2 32	4 28	0 40	25 7	1 23	23 33	0 50	4 56	2 18	9 46	0 47	21 57	0 9	22 22	0 40	23 0	22 53	7 58			n.a.
T 13	17 0	2n55	4 51	7 50	2 24	4 24	0 50	25 7	1 23	23 32	0 50	4 58	2 18	9 46	0 47	21 57	0 9	22 22	0 40	23 1	22 53	8 1			n.a.
W14	17 17	7 53	5 3	8 32	2 15	4 20	0 59	25 6	1 22	23 31	0 50	5 1	2 18	9 46	0 47	21 57	0 9	22 23	0 40	23 2	22 54	8 3			n.a.
T 15	17 33	12 34	5 3	9 15	2 6	4 18	1 9	25 6	1 22	23 29	0 49	5 4	2 18	9 46	0 47	21 57	0 9	22 23	0 40	23 3	22 54	8 6			n.a.
F 16	17 49	16 48	4 49	9 59	1 57	4 17	1 17	25 5	1 22	23 28	0 49	5 6	2 18	9 46	0 47	21 57	0 9	22 23	0 40	23 4	22 54	8 9			n.a.
S 17	18 4	20 25	4 22	10 43	1 47	4 16	1 26	25 4	1 22	23 27	0 49	5 9	2 18	9 46	0 47	21 57	0 9	22 23	0 40	23 5	22 55	8 12			n.a.
S 18	18 20	23 10	3 43	11 29	1 36	4 17	1 34	25 3	1 22	23 26	0 49	5 11	2 18	9 46	0 47	21 58	0 9	22 24	0 40	23 6	22 55	8 14			n.a.
M19	18 34	24 51	2 53	12 15	1 26	4 19	1 41	25 2	1 22	23 24	0 49	5 14	2 18	9 46	0 47	21 58	0 9	22 24	0 40	23 6	22 56	8 17			n.a.
T 20	18 49	25 19	1 53	13 2	1 15	4 22	1 49	25 1	1 21	23 23	0 49	5 17	2 18	9 46	0 47	21 58	0 9	22 24	0 40	23 7	22 56	8 20			n.a.
W21	19 4	24 28	0 47	13 49	1 4	4 25	1 56	24 59	1 21	23 22	0 49	5 19	2 18	9 46	0 47	21 58	0 9	22 24	0 40	23 7	22 56	8 23			n.a.
T 22	19 18	22 18	0s22	14 36	0 53	4 30	2 2	24 57	1 21	23 20	0 49	5 22	2 19	9 46	0 47	21 58	0 9	22 24	0 40	23 7	22 57	8 26			n.a.
F 23	19 31	18 54	1 32	15 22	0 42	4 35	2 9	24 56	1 21	23 19	0 49	5 24	2 19	9 46	0 47	21 58	0 9	22 25	0 40	23 7	22 57	8 28			n.a.
S 24	19 45	14 28	2 38	16 9	0 30	4 41	2 15	24 53	1 21	23 17	0 49	5 27	2 19	9 46	0 47	21 58	0 9	22 25	0 40	23 7	22 57	8 31			n.a.
S 25	19 58	9 13	3 37	16 55	0 19	4 48	2 21	24 51	1 20	23 16	0 49	5 29	2 19	9 46	0 47	21 58	0 9	22 25	0 40	23 7	22 58	8 34			n.a.
M26	20 11	3 23	4 24	17 41	0 8	4 56	2 26	24 49	1 20	23 14	0 49	5 32	2 19	9 45	0 47	21 59	0 9	22 25	0 39	23 7	22 58	8 37			n.a.
T 27	20 23	2s43	4 56	18 25	0n 3	5 4	2 31	24 46	1 20	23 13	0 49	5 34	2 19	9 45	0 46	21 59	0 9	22 25	0 39	23 7	22 58	8 39			n.a.
W28	20 35	8 47	5 9	19 8	0 14	5 13	2 36	24 44	1 20	23 11	0 49	5 36	2 19	9 45	0 46	21 59	0 9	22 26	0 39	23 7	22 59	8 42			n.a.
T 29	20 47	14 26	5 2	19 50	0 24	5 23	2 41	24 41	1 20	23 10	0 49	5 39	2 19	9 45	0 46	21 59	0 9	22 26	0 39	23 8	22 59	8 45			n.a.
F 30	20 58	19 15	4 35	20 30	0 34	5 34	2 45	24 37	1 20	23 8	0 49	5 41	2 20	9 45	0 46	21 59	0 9	22 26	0 39	23 8	22 59	8 48			n.a.
S 31	21n 9	22s50	3s50	21n 8	0n44	5n45	2s49	24n34	1n19	23n 7	0n49	5n43	2s20	9n44	0n46	21s59	0s 9	22n26	0s39	23s 9	23s 0	8n50			n.a.

Julian Day Number = 1612333.5, Delta T = 03h52m31s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'41, Lahiri = - 8°04'41 Julian Calendar 1 May 299 BCE == Greg. Calendar 27 Apr. 299 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

JUNE 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 18 57	4♊41'57	9♐ 1	2♊17	21♈50	11♋49	19♋38	20♈ 1	7♍ 4	22°R26	17♊ 1	12°R18	13♑52	10♈25	n.a.	S 1
M 2	16 22 54	5°39'02	23°15	4°27	22°31	12°26	19°49	20° 7	7° 5	22♑25	17° 3	12♑15	13°49	10°32	n.a.	M 2
T 3	16 26 50	6°36'07	7♑ 6	6°37	23°13	13° 3	20° 0	20°13	7° 6	22°24	17° 4	12°D14	13°46	10°38	n.a.	T 3
W 4	16 30 47	7°33'13	20°32	8°47	23°57	13°40	20°11	20°19	7° 7	22°23	17° 6	12°14	13°43	10°45	n.a.	W 4
T 5	16 34 43	8°30'18	3♒34	10°56	24°41	14°17	20°22	20°26	7° 7	22°22	17° 8	12°15	13°40	10°52	n.a.	T 5
F 6	16 38 40	9°27'24	16°14	13° 4	25°26	14°54	20°33	20°32	7° 8	22°21	17° 9	12°17	13°36	10°59	n.a.	F 6
S 7	16 42 36	10°24'31	28°35	15°12	26°12	15°31	20°44	20°38	7° 9	22°19	17°11	12°18	13°33	11° 5	n.a.	S 7
S 8	16 46 33	11°21'38	10♓42	17°18	26°58	16° 8	20°56	20°44	7°10	22°18	17°12	12°R19	13°30	11°12	n.a.	S 8
M 9	16 50 30	12°18'45	22°40	19°22	27°46	16°45	21° 7	20°50	7°11	22°17	17°14	12°18	13°27	11°19	n.a.	M 9
T 10	16 54 26	13°15'53	4♈33	21°25	28°34	17°22	21°19	20°55	7°12	22°16	17°15	12°16	13°24	11°26	n.a.	T 10
W11	16 58 23	14°13'02	16°26	23°27	29°23	17°59	21°30	21° 1	7°13	22°15	17°17	12°13	13°21	11°32	n.a.	W11
T 12	17 2 19	15°10'11	28°23	25°27	0♉13	18°36	21°42	21° 7	7°15	22°14	17°19	12°10	13°17	11°39	n.a.	T 12
F 13	17 6 16	16° 7'21	10♉26	27°25	1° 3	19°14	21°54	21°12	7°16	22°12	17°20	12° 5	13°14	11°46	n.a.	F 13
S 14	17 10 12	17° 4'31	22°39	29°21	1°54	19°51	22° 5	21°18	7°17	22°11	17°22	12° 1	13°11	11°52	n.a.	S 14
S 15	17 14 9	18° 1'43	5♊ 4	1♋16	2°46	20°28	22°17	21°23	7°18	22°10	17°23	11°57	13° 8	11°59	n.a.	S 15
M16	17 18 5	18°58'54	17°41	3° 9	3°38	21° 5	22°29	21°29	7°20	22° 9	17°25	11°55	13° 5	12° 6	n.a.	M16
T 17	17 22 2	19°56'07	0♋31	5° 0	4°31	21°43	22°41	21°34	7°21	22° 7	17°26	11°53	13° 1	12°13	n.a.	T 17
W18	17 25 59	20°53'19	13°35	6°49	5°25	22°20	22°53	21°40	7°23	22° 6	17°28	11°D53	12°58	12°19	n.a.	W18
T 19	17 29 55	21°50'33	26°52	8°36	6°19	22°57	23° 5	21°45	7°24	22° 5	17°30	11°54	12°55	12°26	n.a.	T 19
F 20	17 33 52	22°47'47	10♌22	10°22	7°13	23°35	23°17	21°50	7°26	22° 3	17°31	11°55	12°52	12°33	n.a.	F 20
S 21	17 37 48	23°45'01	24° 4	12° 6	8° 8	24°12	23°29	21°55	7°27	22° 2	17°33	11°56	12°49	12°40	n.a.	S 21
S 22	17 41 45	24°42'15	7♍57	13°48	9° 4	24°50	23°41	22° 0	7°29	22° 1	17°34	11°57	12°46	12°46	n.a.	S 22
M23	17 45 41	25°39'30	22° 1	15°28	10° 0	25°27	23°53	22° 5	7°31	21°59	17°36	11°R58	12°42	12°53	n.a.	M23
T 24	17 49 38	26°36'46	6♎15	17° 6	10°56	26° 5	24° 6	22°10	7°33	21°58	17°37	11°57	12°39	13° 0	n.a.	T 24
W25	17 53 35	27°34'02	20°35	18°43	11°53	26°42	24°18	22°14	7°34	21°56	17°39	11°57	12°36	13° 6	n.a.	W25
T 26	17 57 31	28°31'18	4♏58	20°18	12°50	27°20	24°30	22°19	7°36	21°55	17°40	11°55	12°33	13°13	n.a.	T 26
F 27	18 1 28	29°28'35	19°21	21°51	13°48	27°58	24°43	22°24	7°38	21°53	17°42	11°54	12°30	13°20	n.a.	F 27
S 28	18 5 24	0♋25'53	3♐39	23°22	14°46	28°35	24°55	22°28	7°40	21°52	17°44	11°52	12°27	13°27	n.a.	S 28
S 29	18 9 21	1°23'12	17°46	24°51	15°45	29°13	25° 8	22°33	7°42	21°50	17°45	11°51	12°23	13°33	n.a.	S 29
M30	18 13 17	2♋20'32	1♑40	26♋19	16♉44	29♋51	25♋20	22♈37	7♍44	21♑49	17♊47	11♑51	12♑20	13♈40	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n20	24s53	2s51	21n44	0n53	5n56	2s53	24n31	1n19	23n 5	0n49	5n46	2s20	9n44	0n46	22s 0	0s 9	22n27	0s39	23s 9	23s 0	8n53		n.a.
M 2	21 31	25 15	1 41	22 18	1 2	6 8	2 56	24 27	1 19	23 4	0 49	5 48	2 20	9 44	0 46	22 0	0 9	22 27	0 39	23 10	23 0	8 56		n.a.
T 3	21 41	24 0	0 28	22 50	1 10	6 21	3 0	24 23	1 19	23 2	0 49	5 50	2 20	9 43	0 46	22 0	0 9	22 27	0 39	23 10	23 1	8 58		n.a.
W 4	21 50	21 24	0n45	23 19	1 18	6 34	3 3	24 19	1 18	23 0	0 49	5 52	2 20	9 43	0 46	22 0	0 9	22 27	0 39	23 10	23 1	9 1		n.a.
T 5	21 59	17 45	1 54	23 45	1 24	6 48	3 6	24 15	1 18	22 59	0 49	5 55	2 20	9 43	0 46	22 0	0 9	22 27	0 39	23 10	23 1	9 4		n.a.
F 6	22 8	13 23	2 55	24 8	1 30	7 2	3 8	24 11	1 18	22 57	0 49	5 57	2 21	9 42	0 46	22 1	0 9	22 28	0 39	23 9	23 2	9 7		n.a.
S 7	22 17	8 35	3 46	24 29	1 36	7 17	3 11	24 6	1 18	22 55	0 49	5 59	2 21	9 42	0 46	22 1	0 9	22 28	0 39	23 9	23 2	9 9		n.a.
S 8	22 25	3 32	4 27	24 47	1 40	7 31	3 13	24 2	1 18	22 53	0 49	6 1	2 21	9 42	0 46	22 1	0 9	22 28	0 39	23 9	23 2	9 12		n.a.
M 9	22 33	1n33	4 55	25 2	1 44	7 47	3 15	23 57	1 17	22 52	0 49	6 3	2 21	9 41	0 46	22 1	0 9	22 28	0 39	23 9	23 3	9 15		n.a.
T 10	22 40	6 34	5 10	25 14	1 48	8 2	3 17	23 52	1 17	22 50	0 49	6 5	2 21	9 41	0 46	22 1	0 9	22 28	0 38	23 9	23 3	9 17		n.a.
W11	22 47	11 19	5 12	25 24	1 50	8 18	3 18	23 47	1 17	22 48	0 49	6 7	2 21	9 40	0 46	22 2	0 9	22 29	0 38	23 10	23 3	9 20		n.a.
T 12	22 54	15 41	5 0	25 31	1 52	8 35	3 19	23 41	1 17	22 46	0 49	6 9	2 22	9 40	0 46	22 2	0 10	22 29	0 38	23 10	23 4	9 23		n.a.
F 13	23 0	19 29	4 36	25 36	1 53	8 51	3 21	23 36	1 16	22 44	0 49	6 11	2 22	9 39	0 46	22 2	0 10	22 29	0 38	23 10	23 4	9 26		n.a.
S 14	23 6	22 29	3 58	25 38	1 54	9 8	3 22	23 30	1 16	22 42	0 49	6 13	2 22	9 39	0 46	22 2	0 10	22 29	0 38	23 11	23 4	9 28		n.a.
S 15	23 11	24 30	3 9	25 37	1 54	9 25	3 22	23 24	1 16	22 40	0 49	6 15	2 22	9 38	0 46	22 2	0 10	22 30	0 38	23 11	23 4	9 31		n.a.
M16	23 16	25 18	2 9	25 35	1 53	9 42	3 23	23 18	1 16	22 38	0 49	6 17	2 22	9 38	0 46	22 3	0 10	22 30	0 38	23 11	23 5	9 34		n.a.
T 17	23 21	24 46	1 2	25 30	1 52	10 0	3 24	23 12	1 16	22 36	0 49	6 19	2 23	9 37	0 46	22 3	0 10	22 30	0 38	23 12	23 5	9 36		n.a.
W18	23 25	22 52	0s 9	25 23	1 50	10 17	3 24	23 6	1 15	22 34	0 49	6 20	2 23	9 37	0 46	22 3	0 10	22 30	0 38	23 12	23 5	9 39		n.a.
T 19	23 29	19 42	1 22	25 14	1 47	10 35	3 24	22 59	1 15	22 32	0 49	6 22	2 23	9 36	0 45	22 3	0 10	22 30	0 38	23 12	23 6	9 42		n.a.
F 20	23 32	15 27	2 31	25 3	1 44	10 53	3 24	22 52	1 15	22 30	0 49	6 24	2 23	9 35	0 45	22 4	0 10	22 31	0 38	23 11	23 6	9 44		n.a.
S 21	23 35	10 20	3 32	24 51	1 41	11 11	3 24	22 45	1 15	22 28	0 49	6 26	2 23	9 35	0 45	22 4	0 10	22 31	0 38	23 11	23 6	9 47		n.a.
S 22	23 37	4 39	4 22	24 36	1 37	11 29	3 23	22 38	1 14	22 26	0 49	6 27	2 24	9 34	0 45	22 4	0 10	22 31	0 38	23 11	23 7	9 50		n.a.
M23	23 40	1s20	4 57	24 21	1 32	11 47	3 23	22 31	1 14	22 24	0 49	6 29	2 24	9 33	0 45	22 4	0 10	22 31	0 38	23 11	23 7	9 52		n.a.
T 24	23 41	7 18	5 14	24 3	1 27	12 5	3 22	22 24	1 14	22 22	0 49	6 31	2 24	9 33	0 45	22 5	0 10	22 31	0 38	23 11	23 7	9 55		n.a.
W25	23 43	12 56	5 12	23 45	1 21	12 23	3 22	22 16	1 14	22 20	0 49	6 32	2 24	9 32	0 45	22 5	0 10	22 32	0 38	23 11	23 8	9 58		n.a.
T 26	23 43	17 53	4 51	23 25	1 15	12 42	3 21	22 9	1 13	22 17	0 49	6 34	2 24	9 31	0 45	22 5	0 10	22 32	0 38	23 11	23 8	10 0		n.a.
F 27	23 44	21 48	4 11	23 4	1 9	13 0	3 20	22 1	1 13	22 15	0 49	6 35	2 25	9 30	0 45	22 5	0 10	22 32	0 37	23 12	23 8	10 3		n.a.
S 28	23 44	24 20	3 16	22 42	1 2	13 18	3 19	21 53	1 13	22 13	0 49	6 37	2 25	9 30	0 45	22 6	0 10	22 32	0 37	23 12	23 8	10 6		n.a.
S 29	23 43	25 18	2 9	22 19	0 55	13 37	3 17	21 45	1 12	22 11	0 49	6 38	2 25	9 29	0 45	22 6	0 10	22 32	0 37	23 12	23 9	10 8		n.a.
M30	23n43	24s39	0s56	21n56	0n48	13n55	3s16	21n36	1n12	22n 8	0n49	6n40	2s25	9n28	0n45	22s 6	0s10	22n33	0s37	23s12	23s 9	10n11		n.a.

Julian Day Number = 1612364.5, Delta T = 03h52m30s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'37, Lahiri = - 8°04'37 Julian Calendar 1 June 299 BCE == Greg. Calendar 28 May 299 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

JULY 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 17 14	3♋17'52	15♉16	27♋45	17♌43	0♌28	25♋33	22♈41	7♍46	21°R47	17♊48	11°D51	12♉17	13♈47	n.a.	T 1
W 2	18 21 10	4°15'14	28°33	29° 8	18°43	1° 6	25°45	22°45	7°48	21♉46	17°50	11♉51	12°14	13°54	n.a.	W 2
T 3	18 25 7	5°12'37	11♒31	0♌30	19°43	1°44	25°58	22°49	7°51	21°44	17°51	11°51	12°11	14° 0	n.a.	T 3
F 4	18 29 4	6°10'01	24° 9	1°50	20°43	2°22	26°10	22°53	7°53	21°43	17°53	11°52	12° 7	14° 7	n.a.	F 4
S 5	18 33 0	7° 7'26	6♓31	3° 8	21°44	3° 0	26°23	22°57	7°55	21°41	17°54	11°53	12° 4	14°14	n.a.	S 5
S 6	18 36 57	8° 4'53	18°40	4°24	22°45	3°38	26°36	23° 1	7°57	21°40	17°56	11°53	12° 1	14°20	n.a.	S 6
M 7	18 40 53	9° 2'21	0♈39	5°37	23°47	4°15	26°48	23° 5	8° 0	21°38	17°57	11°53	11°58	14°27	n.a.	M 7
T 8	18 44 50	9°59'50	12°33	6°49	24°48	4°53	27° 1	23° 8	8° 2	21°36	17°59	11°R53	11°55	14°34	n.a.	T 8
W 9	18 48 46	10°57'21	24°27	7°58	25°50	5°31	27°14	23°12	8° 5	21°35	18° 0	11°53	11°52	14°41	n.a.	W 9
T 10	18 52 43	11°54'54	6♉25	9° 5	26°53	6° 9	27°27	23°15	8° 7	21°33	18° 2	11°D53	11°48	14°47	n.a.	T 10
F 11	18 56 39	12°52'28	18°31	10°10	27°55	6°48	27°40	23°19	8°10	21°32	18° 3	11°53	11°45	14°54	n.a.	F 11
S 12	19 0 36	13°50'03	0♊49	11°12	28°58	7°26	27°52	23°22	8°12	21°30	18° 5	11°53	11°42	15° 1	n.a.	S 12
S 13	19 4 33	14°47'40	13°22	12°11	0♊ 1	8° 4	28° 5	23°25	8°15	21°28	18° 6	11°54	11°39	15° 7	n.a.	S 13
M14	19 8 29	15°45'19	26°13	13° 8	1° 5	8°42	28°18	23°28	8°17	21°27	18° 7	11°54	11°36	15°14	n.a.	M14
T 15	19 12 26	16°42'59	9♋21	14° 1	2° 8	9°20	28°31	23°31	8°20	21°25	18° 9	11°R54	11°33	15°21	n.a.	T 15
W16	19 16 22	17°40'41	22°47	14°52	3°12	9°58	28°44	23°34	8°23	21°23	18°10	11°54	11°29	15°28	n.a.	W16
T 17	19 20 19	18°38'24	6♌30	15°39	4°16	10°37	28°57	23°37	8°25	21°22	18°12	11°53	11°26	15°34	n.a.	T 17
F 18	19 24 15	19°36'08	20°26	16°23	5°21	11°15	29°10	23°40	8°28	21°20	18°13	11°53	11°23	15°41	n.a.	F 18
S 19	19 28 12	20°33'54	4♍33	17° 3	6°25	11°53	29°23	23°42	8°31	21°18	18°14	11°52	11°20	15°48	n.a.	S 19
S 20	19 32 8	21°31'41	18°46	17°40	7°30	12°32	29°36	23°45	8°34	21°17	18°16	11°51	11°17	15°55	n.a.	S 20
M21	19 36 5	22°29'29	3♎ 3	18°12	8°35	13°10	29°49	23°47	8°37	21°15	18°17	11°50	11°13	16° 1	n.a.	M21
T 22	19 40 2	23°27'19	17°19	18°40	9°40	13°49	0♌ 2	23°49	8°40	21°14	18°18	11°D49	11°10	16° 8	n.a.	T 22
W23	19 43 58	24°25'09	1♏32	19° 4	10°46	14°27	0°15	23°51	8°43	21°12	18°20	11°49	11° 7	16°15	n.a.	W23
T 24	19 47 55	25°23'02	15°40	19°23	11°52	15° 6	0°28	23°53	8°46	21°10	18°21	11°50	11° 4	16°21	n.a.	T 24
F 25	19 51 51	26°20'55	29°40	19°36	12°57	15°44	0°41	23°55	8°49	21° 9	18°22	11°51	11° 1	16°28	n.a.	F 25
S 26	19 55 48	27°18'50	13♐31	19°45	14° 4	16°23	0°54	23°57	8°52	21° 7	18°24	11°52	10°58	16°35	n.a.	S 26
S 27	19 59 44	28°16'47	27°11	19°R48	15°10	17° 2	1° 7	23°59	8°55	21° 5	18°25	11°53	10°54	16°42	n.a.	S 27
M28	20 3 41	29°14'44	10♑39	19°45	16°16	17°40	1°20	24° 1	8°58	21° 4	18°26	11°R54	10°51	16°48	n.a.	M28
T 29	20 7 37	0♌12'44	23°54	19°36	17°23	18°19	1°33	24° 2	9° 1	21° 2	18°27	11°53	10°48	16°55	n.a.	T 29
W30	20 11 34	1°10'45	6♒55	19°21	18°30	18°58	1°46	24° 4	9° 4	21° 1	18°29	11°52	10°45	17° 2	n.a.	W30
T 31	20 15 31	2♌ 8'48	19♒40	19♌ 0	19♊37	19♌36	1♌59	24♈ 5	9♍ 7	20♉59	18♊30	11♉50	10♉42	17♈ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n41	22s32	0n19	21n31	0n40	14n13	3s14	21n28	1n12	22n 6	0n49	6n41	2s25	9n27	0n45	22s 6	0s10	22n33	0s37	23s12	23s 9	10n14			n.a.
W 2	23 40	19 13	1 31	21 6	0 32	14 31	3 13	21 19	1 12	22 4	0 49	6 42	2 26	9 26	0 45	22 7	0 10	22 33	0 37	23 12	23 10	10 16			n.a.
T 3	23 38	15 2	2 37	20 40	0 23	14 49	3 11	21 11	1 11	22 1	0 49	6 44	2 26	9 25	0 45	22 7	0 10	22 33	0 37	23 12	23 10	10 19			n.a.
F 4	23 35	10 17	3 33	20 14	0 14	15 7	3 9	21 2	1 11	21 59	0 50	6 45	2 26	9 25	0 45	22 7	0 10	22 33	0 37	23 12	23 10	10 22			n.a.
S 5	23 32	5 14	4 19	19 47	0 5	15 25	3 7	20 53	1 11	21 57	0 50	6 46	2 26	9 24	0 45	22 7	0 10	22 34	0 37	23 12	23 11	10 24			n.a.
S 6	23 29	0 5	4 51	19 20	0s 4	15 42	3 5	20 43	1 11	21 54	0 50	6 47	2 27	9 23	0 45	22 8	0 10	22 34	0 37	23 12	23 11	10 27			n.a.
M 7	23 25	5n 0	5 11	18 52	0 14	16 0	3 3	20 34	1 10	21 52	0 50	6 49	2 27	9 22	0 45	22 8	0 10	22 34	0 37	23 12	23 11	10 29			n.a.
T 8	23 21	9 52	5 17	18 25	0 24	16 17	3 1	20 24	1 10	21 49	0 50	6 50	2 27	9 21	0 45	22 8	0 10	22 34	0 37	23 12	23 11	10 32			n.a.
W 9	23 16	14 22	5 9	17 57	0 34	16 34	2 58	20 15	1 10	21 47	0 50	6 51	2 27	9 20	0 45	22 8	0 10	22 34	0 37	23 12	23 12	10 35			n.a.
T 10	23 11	18 21	4 48	17 30	0 44	16 51	2 56	20 5	1 9	21 44	0 50	6 52	2 27	9 19	0 45	22 9	0 10	22 35	0 37	23 12	23 12	10 37			n.a.
F 11	23 6	21 37	4 15	17 2	0 54	17 7	2 53	19 55	1 9	21 42	0 50	6 53	2 28	9 18	0 45	22 9	0 10	22 35	0 37	23 12	23 12	10 40			n.a.
S 12	23 0	23 58	3 28	16 35	1 5	17 24	2 51	19 45	1 9	21 39	0 50	6 54	2 28	9 17	0 45	22 9	0 10	22 35	0 37	23 12	23 13	10 42			n.a.
S 13	22 54	25 11	2 32	16 8	1 16	17 40	2 48	19 34	1 8	21 37	0 50	6 55	2 28	9 16	0 45	22 10	0 10	22 35	0 37	23 12	23 13	10 45			n.a.
M14	22 47	25 6	1 26	15 42	1 27	17 56	2 45	19 24	1 8	21 34	0 50	6 56	2 28	9 15	0 45	22 10	0 10	22 35	0 37	23 12	23 13	10 48			n.a.
T 15	22 40	23 38	0 14	15 15	1 38	18 11	2 43	19 14	1 8	21 31	0 50	6 57	2 29	9 14	0 45	22 10	0 10	22 35	0 36	23 11	23 13	10 50			n.a.
W16	22 33	20 48	1s 0	14 50	1 49	18 27	2 40	19 3	1 8	21 29	0 50	6 57	2 29	9 13	0 45	22 10	0 10	22 36	0 36	23 12	23 14	10 53			n.a.
T 17	22 25	16 45	2 12	14 25	2 0	18 41	2 37	18 52	1 7	21 26	0 50	6 58	2 29	9 12	0 44	22 11	0 10	22 36	0 36	23 12	23 14	10 55			n.a.
F 18	22 17	11 44	3 17	14 2	2 12	18 56	2 34	18 41	1 7	21 23	0 50	6 59	2 29	9 11	0 44	22 11	0 10	22 36	0 36	23 12	23 14	10 58			n.a.
S 19	22 8	6 3	4 12	13 39	2 23	19 10	2 31	18 30	1 7	21 21	0 50	7 0	2 30	9 10	0 44	22 11	0 10	22 36	0 36	23 12	23 15	11 1			n.a.
S 20	21 59	0 2	4 51	13 17	2 34	19 24	2 27	18 19	1 6	21 18	0 50	7 0	2 30	9 9	0 44	22 11	0 10	22 36	0 36	23 12	23 15	11 3			n.a.
M21	21 50	6s 0	5 12	12 57	2 45	19 38	2 24	18 7	1 6	21 15	0 50	7 1	2 30	9 7	0 44	22 12	0 10	22 36	0 36	23 12	23 15	11 6			n.a.
T 22	21 40	11 43	5 15	12 37	2 56	19 51	2 21	17 56	1 6	21 13	0 50	7 2	2 30	9 6	0 44	22 12	0 10	22 37	0 36	23 12	23 15	11 8			n.a.
W23	21 30	16 48	4 58	12 20	3 7	20 4	2 18	17 44	1 5	21 10	0 50	7 2	2 31	9 5	0 44	22 12	0 10	22 37	0 36	23 12	23 16	11 11			n.a.
T 24	21 19	20 55	4 23	12 4	3 17	20 16	2 14	17 32	1 5	21 7	0 50	7 3	2 31	9 4	0 44	22 13	0 10	22 37	0 36	23 12	23 16	11 13			n.a.
F 25	21 8	23 47	3 33	11 50	3 27	20 28	2 11	17 20	1 5	21 4	0 51	7 3	2 31	9 3	0 44	22 13	0 10	22 37	0 36	23 12	23 16	11 16			n.a.
S 26	20 57	25 11	2 30	11 39	3 37	20 40	2 7	17 8	1 4	21 1	0 51	7 4	2 31	9 2	0 44	22 13	0 10	22 37	0 36	23 12	23 16	11 19			n.a.
S 27	20 45	25 2	1 20	11 29	3 46	20 51	2 4	16 56	1 4	20 59	0 51	7 4	2 32	9 0	0 44	22 13	0 10	22 37	0 36	23 12	23 17	11 21			n.a.
M28	20 33	23 25	0 7	11 22	3 54	21 1	2 0	16 44	1 4	20 56	0 51	7 5	2 32	8 59	0 44	22 14	0 10	22 38	0 36	23 12	23 17	11 24			n.a.
T 29	20 21	20 31	1n 6	11 18	4 2	21 11	1 57	16 32	1 3	20 53	0 51	7 5	2 32	8 58	0 44	22 14	0 10	22 38	0 36	23 12	23 17	11 26			n.a.
W30	20 8	16 37	2 14	11 16	4 8	21 21	1 53	16 19	1 3	20 50	0 51	7 5	2 32	8 57	0 44	22 14	0 10	22 38	0 36	23 12	23 17	11 29			n.a.
T 31	19n55	12s 3	3n13	11n17	4s14	21n30	1s49	16n 7	1n 3	20n47	0n51	7n 5	2s33	8n56	0n44	22s14	0s10	22n38	0s36	23s12	23s18	11n31			n.a.

Julian Day Number = 1612394.5, Delta T = 03h52m28s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'33, Lahiri = - 8°04'33 Julian Calendar 1 July 299 BCE == Greg. Calendar 27 June 299 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

AUGUST 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 19 27	3♌ 6'53	2♓12	18°R33	20♊44	20♌15	2♌12	24♈ 6	9♍11	20°R57	18♊31	11°R47	10♑39	17♈15	n.a.	F 1
S 2	20 23 24	4° 5'00	14°30	18♌ 0	21°51	20°54	2°26	24° 7	9°14	20♑56	18°32	11♑43	10°35	17°22	n.a.	S 2
S 3	20 27 20	5° 3'08	26°37	17°21	22°59	21°33	2°39	24° 8	9°17	20°54	18°33	11°39	10°32	17°29	n.a.	S 3
M 4	20 31 17	6° 1'19	8♈35	16°37	24° 7	22°12	2°52	24° 9	9°20	20°53	18°35	11°36	10°29	17°35	n.a.	M 4
T 5	20 35 13	6°59'32	20°29	15°47	25°15	22°51	3° 5	24°10	9°24	20°51	18°36	11°34	10°26	17°42	n.a.	T 5
W 6	20 39 10	7°57'47	2♉22	14°54	26°23	23°30	3°18	24°11	9°27	20°49	18°37	11°33	10°23	17°49	n.a.	W 6
T 7	20 43 6	8°56'04	14°18	13°57	27°31	24° 9	3°31	24°11	9°30	20°48	18°38	11°D33	10°19	17°56	n.a.	T 7
F 8	20 47 3	9°54'24	26°23	12°58	28°39	24°48	3°44	24°12	9°34	20°46	18°39	11°34	10°16	18° 2	n.a.	F 8
S 9	20 51 0	10°52'45	8♊42	11°58	29°48	25°27	3°57	24°12	9°37	20°45	18°40	11°35	10°13	18° 9	n.a.	S 9
S 10	20 54 56	11°51'09	21°18	10°58	0♋57	26° 6	4°10	24°12	9°41	20°43	18°41	11°37	10°10	18°16	n.a.	S 10
M11	20 58 53	12°49'35	4♋15	10° 0	2° 6	26°45	4°23	24°12	9°44	20°42	18°42	11°38	10° 7	18°22	n.a.	M11
T 12	21 2 49	13°48'03	17°35	9° 5	3°15	27°25	4°36	24°R12	9°48	20°40	18°43	11°R38	10° 4	18°29	n.a.	T 12
W13	21 6 46	14°46'34	1♌19	8°15	4°24	28° 4	4°49	24°12	9°51	20°39	18°44	11°37	10° 0	18°36	n.a.	W13
T 14	21 10 42	15°45'06	15°24	7°29	5°33	28°43	5° 2	24°12	9°55	20°37	18°45	11°34	9°57	18°43	n.a.	T 14
F 15	21 14 39	16°43'40	29°48	6°51	6°42	29°23	5°15	24°12	9°58	20°36	18°46	11°29	9°54	18°49	n.a.	F 15
S 16	21 18 35	17°42'16	14♍23	6°21	7°52	0♍ 2	5°28	24°11	10° 2	20°35	18°47	11°24	9°51	18°56	n.a.	S 16
S 17	21 22 32	18°40'54	29° 3	5°58	9° 2	0°42	5°41	24°11	10° 5	20°33	18°48	11°19	9°48	19° 3	n.a.	S 17
M18	21 26 29	19°39'34	13♎41	5°45	10°12	1°21	5°54	24°10	10° 9	20°32	18°49	11°14	9°45	19°10	n.a.	M18
T 19	21 30 25	20°38'16	28°11	5°D42	11°21	2° 1	6° 6	24° 9	10°13	20°30	18°50	11°10	9°41	19°16	n.a.	T 19
W20	21 34 22	21°37'00	12♏29	5°48	12°32	2°40	6°19	24° 8	10°16	20°29	18°50	11° 8	9°38	19°23	n.a.	W20
T 21	21 38 18	22°35'45	26°32	6° 4	13°42	3°20	6°32	24° 7	10°20	20°28	18°51	11°D 8	9°35	19°30	n.a.	T 21
F 22	21 42 15	23°34'32	10♐19	6°29	14°52	3°59	6°45	24° 6	10°24	20°26	18°52	11° 9	9°32	19°36	n.a.	F 22
S 23	21 46 11	24°33'21	23°51	7° 4	16° 3	4°39	6°58	24° 5	10°27	20°25	18°53	11°10	9°29	19°43	n.a.	S 23
S 24	21 50 8	25°32'12	7♑ 8	7°47	17°13	5°19	7°10	24° 4	10°31	20°24	18°54	11°R11	9°25	19°50	n.a.	S 24
M25	21 54 4	26°31'05	20°13	8°39	18°24	5°58	7°23	24° 2	10°35	20°23	18°54	11°11	9°22	19°57	n.a.	M25
T 26	21 58 1	27°29'59	3♒ 5	9°38	19°35	6°38	7°36	24° 1	10°38	20°21	18°55	11° 9	9°19	20° 3	n.a.	T 26
W27	22 1 58	28°28'56	15°46	10°45	20°45	7°18	7°48	23°59	10°42	20°20	18°56	11° 4	9°16	20°10	n.a.	W27
T 28	22 5 54	29°27'55	28°16	11°58	21°56	7°58	8° 1	23°58	10°46	20°19	18°56	10°57	9°13	20°17	n.a.	T 28
F 29	22 9 51	0♍26'55	10♓37	13°17	23° 8	8°38	8°14	23°56	10°50	20°18	18°57	10°49	9°10	20°24	n.a.	F 29
S 30	22 13 47	1°25'58	22°47	14°40	24°19	9°18	8°26	23°54	10°53	20°17	18°58	10°39	9° 6	20°30	n.a.	S 30
S 31	22 17 44	2♍25'03	4♈50	16♌ 9	25♋30	9♍58	8♌39	23♈52	10♍57	20♑16	18♊58	10♑29	9♑ 3	20♈37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n42	7s 3	4n 2	11n21	4s18	21n39	1s46	15n54	1n 2	20n44	0n51	7n 6	2s33	8n54	0n44	22s15	0s10	22n38	0s36	23s12	23s18	11n34		n.a.
S 2	19 28	1 53	4 39	11 29	4 21	21 47	1 42	15 41	1 2	20 41	0 51	7 6	2 33	8 53	0 44	22 15	0 10	22 38	0 36	23 12	23 18	11 36		n.a.
S 3	19 14	3n16	5 3	11 39	4 23	21 54	1 38	15 28	1 2	20 38	0 51	7 6	2 33	8 52	0 44	22 15	0 10	22 39	0 35	23 13	23 18	11 39		n.a.
M 4	19 0	8 14	5 13	11 52	4 23	22 1	1 35	15 15	1 1	20 35	0 51	7 6	2 34	8 50	0 44	22 15	0 10	22 39	0 35	23 13	23 19	11 41		n.a.
T 5	18 45	12 52	5 10	12 9	4 21	22 8	1 31	15 2	1 1	20 32	0 51	7 6	2 34	8 49	0 44	22 16	0 10	22 39	0 35	23 13	23 19	11 44		n.a.
W 6	18 30	17 1	4 53	12 28	4 17	22 14	1 27	14 48	1 1	20 29	0 51	7 6	2 34	8 48	0 44	22 16	0 10	22 39	0 35	23 13	23 19	11 46		n.a.
T 7	18 15	20 31	4 24	12 50	4 11	22 19	1 23	14 35	1 0	20 26	0 51	7 6	2 34	8 47	0 44	22 16	0 10	22 39	0 35	23 13	23 19	11 49		n.a.
F 8	17 59	23 11	3 43	13 14	4 3	22 24	1 19	14 21	1 0	20 23	0 52	7 6	2 35	8 45	0 44	22 16	0 10	22 39	0 35	23 13	23 20	11 51		n.a.
S 9	17 43	24 50	2 51	13 40	3 54	22 28	1 16	14 8	1 0	20 20	0 52	7 6	2 35	8 44	0 44	22 17	0 10	22 39	0 35	23 13	23 20	11 54		n.a.
S 10	17 27	25 15	1 49	14 8	3 42	22 32	1 12	13 54	0 59	20 17	0 52	7 6	2 35	8 43	0 44	22 17	0 10	22 40	0 35	23 13	23 20	11 56		n.a.
M11	17 10	24 20	0 40	14 36	3 29	22 35	1 8	13 40	0 59	20 14	0 52	7 6	2 35	8 41	0 44	22 17	0 10	22 40	0 35	23 13	23 20	11 59		n.a.
T 12	16 53	22 1	0s32	15 5	3 14	22 37	1 4	13 26	0 58	20 11	0 52	7 5	2 36	8 40	0 44	22 17	0 10	22 40	0 35	23 13	23 21	12 1		n.a.
W13	16 36	18 24	1 45	15 34	2 57	22 39	1 0	13 12	0 58	20 8	0 52	7 5	2 36	8 39	0 44	22 18	0 10	22 40	0 35	23 13	23 21	12 4		n.a.
T 14	16 19	13 39	2 54	16 3	2 40	22 40	0 57	12 58	0 58	20 5	0 52	7 5	2 36	8 37	0 44	22 18	0 10	22 40	0 35	23 13	23 21	12 6		n.a.
F 15	16 1	8 4	3 52	16 30	2 21	22 41	0 53	12 43	0 57	20 2	0 52	7 4	2 36	8 36	0 44	22 18	0 10	22 40	0 35	23 14	23 21	12 9		n.a.
S 16	15 43	1 58	4 37	16 56	2 2	22 41	0 49	12 29	0 57	19 59	0 52	7 4	2 37	8 34	0 44	22 18	0 10	22 40	0 35	23 14	23 22	12 11		n.a.
S 17	15 25	4s15	5 3	17 20	1 43	22 40	0 45	12 14	0 57	19 56	0 52	7 4	2 37	8 33	0 44	22 19	0 10	22 41	0 35	23 15	23 22	12 14		n.a.
M18	15 6	10 13	5 10	17 42	1 24	22 39	0 41	12 0	0 56	19 53	0 52	7 3	2 37	8 32	0 44	22 19	0 10	22 41	0 35	23 15	23 22	12 16		n.a.
T 19	14 47	15 34	4 57	18 2	1 5	22 37	0 38	11 45	0 56	19 49	0 53	7 3	2 37	8 30	0 44	22 19	0 10	22 41	0 35	23 15	23 22	12 19		n.a.
W20	14 28	19 58	4 25	18 18	0 46	22 34	0 34	11 30	0 55	19 46	0 53	7 2	2 38	8 29	0 44	22 19	0 10	22 41	0 35	23 16	23 23	12 21		n.a.
T 21	14 9	23 9	3 38	18 32	0 28	22 31	0 30	11 16	0 55	19 43	0 53	7 1	2 38	8 27	0 44	22 19	0 10	22 41	0 35	23 16	23 23	12 24		n.a.
F 22	13 50	24 54	2 39	18 42	0 11	22 27	0 26	11 1	0 55	19 40	0 53	7 1	2 38	8 26	0 44	22 20	0 10	22 41	0 35	23 15	23 23	12 26		n.a.
S 23	13 30	25 8	1 32	18 49	0n 5	22 23	0 23	10 46	0 54	19 37	0 53	7 0	2 38	8 25	0 44	22 20	0 10	22 41	0 34	23 15	23 23	12 29		n.a.
S 24	13 10	23 54	0 22	18 52	0 20	22 18	0 19	10 31	0 54	19 34	0 53	6 59	2 39	8 23	0 44	22 20	0 10	22 41	0 34	23 15	23 24	12 31		n.a.
M25	12 50	21 23	0n49	18 52	0 34	22 12	0 15	10 15	0 53	19 30	0 53	6 59	2 39	8 22	0 44	22 20	0 10	22 41	0 34	23 15	23 24	12 34		n.a.
T 26	12 29	17 50	1 55	18 49	0 47	22 5	0 12	10 0	0 53	19 27	0 53	6 58	2 39	8 20	0 44	22 20	0 10	22 42	0 34	23 15	23 24	12 36		n.a.
W27	12 9	13 31	2 55	18 42	0 59	21 58	0 8	9 45	0 53	19 24	0 53	6 57	2 39	8 19	0 44	22 21	0 10	22 42	0 34	23 16	23 24	12 38		n.a.
T 28	11 48	8 42	3 46	18 31	1 9	21 50	0 5	9 29	0 52	19 21	0 54	6 56	2 40	8 17	0 44	22 21	0 10	22 42	0 34	23 16	23 24	12 41		n.a.
F 29	11 27	3 36	4 25	18 18	1 19	21 42	0 1	9 14	0 52	19 18	0 54	6 55	2 40	8 16	0 44	22 21	0 10	22 42	0 34	23 17	23 25	12 43		n.a.
S 30	11 6	1n33	4 51	18 1	1 27	21 33	0n 2	8 58	0 51	19 14	0 54	6 54	2 40	8 15	0 44	22 21	0 10	22 42	0 34	23 18	23 25	12 46		n.a.
S 31	10n44	6n35	5n 4	17n41	1n34	21n23	0n 6	8n43	0n51	19n11	0n54	6n54	2s40	8n13	0n44	22s21	0s11	22n42	0s34	23s19	23s25	12n48		n.a.

Julian Day Number = 1612425.5, Delta T = 03h52m27s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'29, Lahiri = - 8°04'28 Julian Calendar 1 Aug. 299 BCE == Greg. Calendar 28 July 299 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

SEPTEMBER 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 21 40	3♍24'10	16♈46	17♌40	26♋42	10♍38	8♌51	23°R50	11♍ 1	20°R15	18♊59	10°R20	9♑ 0	20♈44	n.a.	M 1
T 2	22 25 37	4°23'20	28°37	19°16	27°53	11°18	9° 3	23♈47	11° 5	20♑13	18°59	10♑13	8°57	20°50	n.a.	T 2
W 3	22 29 33	5°22'32	10♉28	20°53	29° 5	11°58	9°16	23°45	11° 8	20°12	19° 0	10° 7	8°54	20°57	n.a.	W 3
T 4	22 33 30	6°21'47	22°22	22°33	0♌17	12°38	9°28	23°43	11°12	20°11	19° 0	10° 4	8°51	21° 4	n.a.	T 4
F 5	22 37 26	7°21'04	4♊24	24°15	1°29	13°19	9°40	23°40	11°16	20°10	19° 1	10°D 3	8°47	21°11	n.a.	F 5
S 6	22 41 23	8°20'23	16°39	25°58	2°41	13°59	9°53	23°38	11°20	20° 9	19° 1	10° 3	8°44	21°17	n.a.	S 6
S 7	22 45 20	9°19'45	29°12	27°42	3°53	14°39	10° 5	23°35	11°24	20° 8	19° 2	10° 4	8°41	21°24	n.a.	S 7
M 8	22 49 16	10°19'10	12♋ 7	29°27	5° 5	15°19	10°17	23°32	11°27	20° 8	19° 2	10°R 4	8°38	21°31	n.a.	M 8
T 9	22 53 13	11°18'36	25°29	1♍12	6°17	16° 0	10°29	23°29	11°31	20° 7	19° 3	10° 3	8°35	21°37	n.a.	T 9
W10	22 57 9	12°18'05	9♌19	2°58	7°30	16°40	10°41	23°26	11°35	20° 6	19° 3	10° 0	8°31	21°44	n.a.	W10
T 11	23 1 6	13°17'37	23°37	4°43	8°42	17°21	10°53	23°23	11°39	20° 5	19° 3	9°54	8°28	21°51	n.a.	T 11
F 12	23 5 2	14°17'10	8♍19	6°29	9°55	18° 1	11° 5	23°20	11°43	20° 4	19° 4	9°46	8°25	21°58	n.a.	F 12
S 13	23 8 59	15°16'46	23°17	8°14	11° 7	18°42	11°17	23°17	11°46	20° 3	19° 4	9°36	8°22	22° 4	n.a.	S 13
S 14	23 12 55	16°16'23	8♎23	9°59	12°20	19°23	11°29	23°13	11°50	20° 3	19° 4	9°26	8°19	22°11	n.a.	S 14
M15	23 16 52	17°16'03	23°26	11°44	13°33	20° 3	11°41	23°10	11°54	20° 2	19° 4	9°16	8°16	22°18	n.a.	M15
T 16	23 20 48	18°15'45	8♏16	13°28	14°46	20°44	11°52	23° 6	11°58	20° 1	19° 5	9° 9	8°12	22°24	n.a.	T 16
W17	23 24 45	19°15'28	22°48	15°11	15°59	21°25	12° 4	23° 3	12° 1	20° 1	19° 5	9° 4	8° 9	22°31	n.a.	W17
T 18	23 28 42	20°15'14	6♐58	16°55	17°12	22° 5	12°16	22°59	12° 5	20° 0	19° 5	9° 1	8° 6	22°38	n.a.	T 18
F 19	23 32 38	21°15'01	20°44	18°37	18°25	22°46	12°27	22°55	12° 9	19°59	19° 5	9°D 0	8° 3	22°45	n.a.	F 19
S 20	23 36 35	22°14'50	4♑ 9	20°19	19°38	23°27	12°39	22°51	12°13	19°59	19° 5	9°R 1	8° 0	22°51	n.a.	S 20
S 21	23 40 31	23°14'41	17°14	22° 1	20°51	24° 8	12°50	22°47	12°17	19°58	19° 5	9° 0	7°56	22°58	n.a.	S 21
M22	23 44 28	24°14'33	0♒ 2	23°41	22° 5	24°49	13° 1	22°43	12°20	19°58	19° 5	8°59	7°53	23° 5	n.a.	M22
T 23	23 48 24	25°14'28	12°37	25°22	23°18	25°30	13°13	22°39	12°24	19°57	19° 6	8°54	7°50	23°12	n.a.	T 23
W24	23 52 21	26°14'24	25° 2	27° 1	24°32	26°11	13°24	22°35	12°28	19°57	19°R 6	8°47	7°47	23°18	n.a.	W24
T 25	23 56 17	27°14'22	7♓18	28°41	25°45	26°52	13°35	22°31	12°31	19°56	19° 6	8°37	7°44	23°25	n.a.	T 25
F 26	0 0 14	28°14'21	19°26	0♎19	26°59	27°33	13°46	22°27	12°35	19°56	19° 5	8°25	7°41	23°32	n.a.	F 26
S 27	0 4 11	29°14'23	1♈28	1°57	28°12	28°14	13°57	22°23	12°39	19°56	19° 5	8°10	7°37	23°38	n.a.	S 27
S 28	0 8 7	0♎14'27	13°26	3°35	29°26	28°56	14° 8	22°18	12°42	19°55	19° 5	7°56	7°34	23°45	n.a.	S 28
M29	0 12 4	1°14'33	25°19	5°12	0♍40	29°37	14°18	22°14	12°46	19°55	19° 5	7°42	7°31	23°52	n.a.	M29
T 30	0 16 0	2♎14'41	7♉ 9	6♎48	1♍54	0♎18	14♌29	22♈ 9	12♍50	19♑55	19♊ 5	7♑30	7♑28	23♈59	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n23	11n19	5n 4	17n18	1n40	21n13	0n 9	8n27	0n51	19n 8	0n54	6n53	2s40	8n12	0n44	22s22	0s11	22n42	0s34	23s19	23s25	12n51		n.a.
T 2	10 1	15 37	4 50	16 53	1 45	21 2	0 12	8 11	0 50	19 5	0 54	6 52	2 41	8 10	0 44	22 22	0 11	22 42	0 34	23 20	23 26	12 53		n.a.
W 3	9 39	19 19	4 24	16 25	1 48	20 51	0 16	7 55	0 50	19 2	0 54	6 50	2 41	8 9	0 44	22 22	0 11	22 42	0 34	23 20	23 26	12 55		n.a.
T 4	9 17	22 14	3 47	15 55	1 51	20 39	0 19	7 39	0 49	18 58	0 54	6 49	2 41	8 7	0 44	22 22	0 11	22 42	0 34	23 21	23 26	12 58		n.a.
F 5	8 55	24 12	2 59	15 23	1 53	20 26	0 22	7 23	0 49	18 55	0 55	6 48	2 41	8 6	0 44	22 22	0 11	22 43	0 34	23 21	23 26	13 0		n.a.
S 6	8 33	25 4	2 2	14 48	1 54	20 13	0 25	7 7	0 48	18 52	0 55	6 47	2 41	8 4	0 44	22 22	0 11	22 43	0 34	23 21	23 26	13 3		n.a.
S 7	8 10	24 42	0 58	14 13	1 55	19 59	0 28	6 51	0 48	18 49	0 55	6 46	2 42	8 3	0 44	22 22	0 11	22 43	0 34	23 21	23 27	13 5		n.a.
M 8	7 47	22 59	0s11	13 35	1 54	19 44	0 31	6 35	0 48	18 46	0 55	6 45	2 42	8 1	0 44	22 23	0 11	22 43	0 34	23 21	23 27	13 7		n.a.
T 9	7 25	19 58	1 21	12 56	1 53	19 29	0 34	6 19	0 47	18 42	0 55	6 43	2 42	8 0	0 44	22 23	0 11	22 43	0 34	23 21	23 27	13 10		n.a.
W10	7 2	15 45	2 29	12 17	1 52	19 13	0 37	6 2	0 47	18 39	0 55	6 42	2 42	7 59	0 44	22 23	0 11	22 43	0 34	23 21	23 27	13 12		n.a.
T 11	6 39	10 30	3 30	11 36	1 50	18 57	0 40	5 46	0 46	18 36	0 55	6 41	2 42	7 57	0 44	22 23	0 11	22 43	0 34	23 21	23 27	13 15		n.a.
F 12	6 15	4 34	4 19	10 54	1 47	18 40	0 43	5 29	0 46	18 33	0 56	6 39	2 43	7 56	0 44	22 23	0 11	22 43	0 33	23 22	23 28	13 17		n.a.
S 13	5 52	1s44	4 50	10 11	1 44	18 23	0 46	5 13	0 45	18 30	0 56	6 38	2 43	7 54	0 44	22 23	0 11	22 43	0 33	23 23	23 28	13 19		n.a.
S 14	5 29	7 59	5 2	9 28	1 40	18 5	0 49	4 56	0 45	18 27	0 56	6 37	2 43	7 53	0 44	22 23	0 11	22 43	0 33	23 24	23 28	13 22		n.a.
M15	5 5	13 44	4 53	8 44	1 36	17 47	0 51	4 40	0 44	18 23	0 56	6 35	2 43	7 51	0 44	22 24	0 11	22 43	0 33	23 24	23 28	13 24		n.a.
T 16	4 42	18 36	4 25	7 59	1 32	17 28	0 54	4 23	0 44	18 20	0 56	6 34	2 43	7 50	0 44	22 24	0 11	22 43	0 33	23 25	23 28	13 26		n.a.
W17	4 18	22 14	3 39	7 15	1 27	17 8	0 56	4 7	0 43	18 17	0 56	6 32	2 43	7 48	0 44	22 24	0 11	22 43	0 33	23 25	23 29	13 29		n.a.
T 18	3 54	24 23	2 41	6 30	1 23	16 48	0 59	3 50	0 43	18 14	0 56	6 31	2 43	7 47	0 44	22 24	0 11	22 44	0 33	23 25	23 29	13 31		n.a.
F 19	3 31	24 59	1 35	5 44	1 17	16 28	1 1	3 33	0 43	18 11	0 57	6 29	2 44	7 45	0 44	22 24	0 11	22 44	0 33	23 25	23 29	13 34		n.a.
S 20	3 7	24 6	0 26	4 59	1 12	16 7	1 4	3 16	0 42	18 8	0 57	6 28	2 44	7 44	0 44	22 24	0 11	22 44	0 33	23 25	23 29	13 36		n.a.
S 21	2 43	21 53	0n43	4 13	1 6	15 45	1 6	3 0	0 42	18 5	0 57	6 26	2 44	7 42	0 44	22 24	0 11	22 44	0 33	23 25	23 29	13 38		n.a.
M22	2 19	18 37	1 49	3 28	1 1	15 23	1 8	2 43	0 41	18 1	0 57	6 25	2 44	7 41	0 44	22 24	0 11	22 44	0 33	23 25	23 30	13 41		n.a.
T 23	1 55	14 33	2 48	2 42	0 55	15 1	1 10	2 26	0 41	17 58	0 57	6 23	2 44	7 40	0 44	22 24	0 11	22 44	0 33	23 26	23 30	13 43		n.a.
W24	1 31	9 55	3 38	1 56	0 49	14 38	1 12	2 9	0 40	17 55	0 57	6 21	2 44	7 38	0 44	22 24	0 11	22 44	0 33	23 26	23 30	13 45		n.a.
T 25	1 7	4 58	4 17	1 11	0 42	14 15	1 14	1 52	0 40	17 52	0 58	6 20	2 44	7 37	0 44	22 24	0 11	22 44	0 33	23 27	23 30	13 48		n.a.
F 26	0 43	0n 6	4 44	0 25	0 36	13 51	1 16	1 35	0 39	17 49	0 58	6 18	2 44	7 35	0 44	22 24	0 11	22 44	0 33	23 28	23 30	13 50		n.a.
S 27	0 18	5 8	4 57	0s20	0 30	13 27	1 18	1 18	0 39	17 46	0 58	6 16	2 45	7 34	0 44	22 25	0 11	22 44	0 33	23 29	23 31	13 52		n.a.
S 28	0s 6	9 56	4 58	1 5	0 23	13 3	1 20	1 1	0 38	17 43	0 58	6 15	2 45	7 32	0 44	22 25	0 11	22 44	0 33	23 29	23 31	13 54		n.a.
M29	0 30	14 20	4 46	1 50	0 17	12 38	1 21	0 44	0 38	17 40	0 58	6 13	2 45	7 31	0 44	22 25	0 11	22 44	0 33	23 30	23 31	13 57		n.a.
T 30	0s54	18n10	4n21	2s35	0n10	12n13	1n23	0n27	0n37	17n37	0n59	6n11	2s45	7n30	0n44	22s25	0s11	22n44	0s33	23s31	23s31	13n59		n.a.

Julian Day Number = 1612456.5, Delta T = 03h52m26s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'25, Lahiri = - 8°04'24 Julian Calendar 1 Sept. 299 BCE == Greg. Calendar 28 Aug. 299 BCE

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

OCTOBER 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 19 57	3♎14'51	19♉ 0	8♎24	3♍ 8	1♎ 0	14♌40	22°R 5	12♍53	19°R55	19°R 5	7°R21	7♑25	24♈ 5	n.a.	W 1
T 2	0 23 53	4°15'03	0♊54	10° 0	4°22	1°41	14°50	22♈ 0	12°57	19♑55	19♊ 5	7♑14	7°22	24°12	n.a.	T 2
F 3	0 27 50	5°15'17	12°54	11°35	5°36	2°23	15° 1	21°56	13° 1	19°54	19° 5	7°11	7°18	24°19	n.a.	F 3
S 4	0 31 46	6°15'34	25° 6	13°10	6°50	3° 4	15°11	21°51	13° 4	19°54	19° 4	7°10	7°15	24°25	n.a.	S 4
S 5	0 35 43	7°15'52	7♋34	14°44	8° 4	3°46	15°21	21°46	13° 8	19°54	19° 4	7° 9	7°12	24°32	n.a.	S 5
M 6	0 39 40	8°16'13	20°23	16°18	9°18	4°27	15°31	21°42	13°11	19°54	19° 4	7° 9	7° 9	24°39	n.a.	M 6
T 7	0 43 36	9°16'36	3♌38	17°51	10°33	5° 9	15°41	21°37	13°15	19°D54	19° 4	7° 8	7° 6	24°46	n.a.	T 7
W 8	0 47 33	10°17'00	17°23	19°24	11°47	5°51	15°51	21°32	13°18	19°54	19° 3	7° 4	7° 2	24°52	n.a.	W 8
T 9	0 51 29	11°17'27	1♍38	20°57	13° 1	6°32	16° 1	21°27	13°22	19°54	19° 3	6°57	6°59	24°59	n.a.	T 9
F 10	0 55 26	12°17'56	16°21	22°30	14°16	7°14	16°11	21°23	13°25	19°54	19° 3	6°48	6°56	25° 6	n.a.	F 10
S 11	0 59 22	13°18'27	1♎26	24° 2	15°30	7°56	16°21	21°18	13°29	19°55	19° 2	6°37	6°53	25°12	n.a.	S 11
S 12	1 3 19	14°18'59	16°45	25°34	16°45	8°38	16°30	21°13	13°32	19°55	19° 2	6°26	6°50	25°19	n.a.	S 12
M13	1 7 15	15°19'33	2♏ 4	27° 5	17°59	9°20	16°40	21° 8	13°35	19°55	19° 1	6°15	6°47	25°26	n.a.	M13
T 14	1 11 12	16°20'09	17°13	28°36	19°14	10° 2	16°49	21° 3	13°39	19°55	19° 1	6° 6	6°43	25°33	n.a.	T 14
W15	1 15 8	17°20'46	2♐ 3	0♏ 7	20°29	10°44	16°58	20°58	13°42	19°55	19° 0	6° 0	6°40	25°39	n.a.	W15
T 16	1 19 5	18°21'25	16°27	1°37	21°43	11°26	17° 8	20°53	13°45	19°56	19° 0	5°56	6°37	25°46	n.a.	T 16
F 17	1 23 2	19°22'05	0♑23	3° 7	22°58	12° 8	17°17	20°48	13°49	19°56	18°59	5°D55	6°34	25°53	n.a.	F 17
S 18	1 26 58	20°22'46	13°52	4°37	24°13	12°50	17°25	20°43	13°52	19°56	18°59	5°R55	6°31	25°59	n.a.	S 18
S 19	1 30 55	21°23'28	26°56	6° 6	25°28	13°32	17°34	20°38	13°55	19°57	18°58	5°55	6°28	26° 6	n.a.	S 19
M20	1 34 51	22°24'12	9♒40	7°35	26°42	14°14	17°43	20°33	13°58	19°57	18°58	5°54	6°24	26°13	n.a.	M20
T 21	1 38 48	23°24'57	22° 7	9° 4	27°57	14°57	17°51	20°28	14° 2	19°58	18°57	5°50	6°21	26°20	n.a.	T 21
W22	1 42 44	24°25'42	4♓22	10°32	29°12	15°39	18° 0	20°23	14° 5	19°58	18°56	5°44	6°18	26°26	n.a.	W22
T 23	1 46 41	25°26'30	16°27	12° 0	0♎27	16°21	18° 8	20°19	14° 8	19°59	18°56	5°35	6°15	26°33	n.a.	T 23
F 24	1 50 37	26°27'18	28°27	13°27	1°42	17° 4	18°16	20°14	14°11	19°59	18°55	5°23	6°12	26°40	n.a.	F 24
S 25	1 54 34	27°28'07	10♈22	14°53	2°57	17°46	18°24	20° 9	14°14	20° 0	18°54	5°10	6° 8	26°46	n.a.	S 25
S 26	1 58 31	28°28'58	22°15	16°19	4°12	18°29	18°32	20° 4	14°17	20° 1	18°53	4°57	6° 5	26°53	n.a.	S 26
M27	2 2 27	29°29'50	4♉ 7	17°43	5°27	19°11	18°40	19°59	14°20	20° 1	18°53	4°44	6° 2	27° 0	n.a.	M27
T 28	2 6 24	0♏30'43	16° 0	19° 7	6°42	19°54	18°48	19°54	14°23	20° 2	18°52	4°33	5°59	27° 7	n.a.	T 28
W29	2 10 20	1°31'38	27°54	20°30	7°57	20°37	18°55	19°49	14°26	20° 3	18°51	4°24	5°56	27°13	n.a.	W29
T 30	2 14 17	2°32'34	9♊52	21°52	9°12	21°19	19° 3	19°45	14°29	20° 4	18°50	4°18	5°53	27°20	n.a.	T 30
F 31	2 18 13	3♏33'32	21♊57	23♏12	10♎27	22♎ 2	19♌10	19♈40	14♍31	20♑ 4	18♊49	4♑15	5♑49	27♈27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1s18	21n17	3n45	3s19	0n 4	11n47	1n24	0n10	0n37	17n34	0n59	6n 9	2s45	7n28	0n44	22s25	0s11	22n44	0s33	23s32	23s31	14n 1			n.a.
T 2	1 43	23 30	2 59	4 3	0s 3	11 21	1 26	0s 8	0 36	17 31	0 59	6 8	2 45	7 27	0 44	22 25	0 11	22 44	0 33	23 32	23 31	14 4			n.a.
F 3	2 7	24 41	2 4	4 47	0 10	10 55	1 27	0 25	0 36	17 28	0 59	6 6	2 45	7 26	0 44	22 25	0 11	22 44	0 32	23 32	23 32	14 6			n.a.
S 4	2 31	24 42	1 3	5 30	0 16	10 29	1 29	0 42	0 35	17 25	0 59	6 4	2 45	7 24	0 44	22 25	0 11	22 44	0 32	23 32	23 32	14 8			n.a.
S 5	2 55	23 29	0s 2	6 14	0 23	10 2	1 30	0 59	0 35	17 22	1 0	6 2	2 45	7 23	0 44	22 25	0 11	22 44	0 32	23 32	23 32	14 11			n.a.
M 6	3 19	21 1	1 9	6 56	0 29	9 35	1 31	1 16	0 34	17 20	1 0	6 0	2 45	7 21	0 44	22 25	0 11	22 44	0 32	23 32	23 32	14 13			n.a.
T 7	3 43	17 23	2 15	7 38	0 36	9 7	1 32	1 33	0 34	17 17	1 0	5 59	2 45	7 20	0 44	22 25	0 11	22 44	0 32	23 32	23 32	14 15			n.a.
W 8	4 7	12 43	3 15	8 20	0 42	8 39	1 33	1 51	0 33	17 14	1 0	5 57	2 45	7 19	0 44	22 25	0 11	22 44	0 32	23 32	23 33	14 17			n.a.
T 9	4 31	7 12	4 6	9 2	0 49	8 11	1 34	2 8	0 33	17 11	1 0	5 55	2 45	7 17	0 44	22 25	0 11	22 44	0 32	23 33	23 33	14 20			n.a.
F 10	4 55	1 8	4 42	9 43	0 55	7 43	1 35	2 25	0 32	17 8	1 1	5 53	2 45	7 16	0 44	22 25	0 11	22 44	0 32	23 33	23 33	14 22			n.a.
S 11	5 19	5s 8	4 59	10 23	1 1	7 15	1 35	2 42	0 32	17 6	1 1	5 51	2 45	7 15	0 44	22 25	0 11	22 44	0 32	23 34	23 33	14 24			n.a.
S 12	5 43	11 11	4 55	11 3	1 8	6 46	1 36	2 59	0 31	17 3	1 1	5 49	2 45	7 13	0 44	22 25	0 11	22 44	0 32	23 34	23 33	14 26			n.a.
M13	6 6	16 34	4 31	11 42	1 14	6 17	1 37	3 16	0 30	17 0	1 1	5 47	2 45	7 12	0 44	22 25	0 11	22 44	0 32	23 35	23 33	14 29			n.a.
T 14	6 30	20 48	3 47	12 21	1 20	5 48	1 37	3 34	0 30	16 58	1 1	5 46	2 45	7 11	0 44	22 25	0 11	22 44	0 32	23 35	23 34	14 31			n.a.
W15	6 53	23 35	2 49	12 59	1 25	5 19	1 38	3 51	0 29	16 55	1 2	5 44	2 45	7 10	0 44	22 25	0 11	22 44	0 32	23 36	23 34	14 33			n.a.
T 16	7 17	24 42	1 41	13 36	1 31	4 49	1 38	4 8	0 29	16 52	1 2	5 42	2 45	7 8	0 44	22 25	0 11	22 44	0 32	23 36	23 34	14 35			n.a.
F 17	7 40	24 13	0 29	14 13	1 36	4 19	1 38	4 25	0 28	16 50	1 2	5 40	2 45	7 7	0 44	22 25	0 11	22 44	0 32	23 36	23 34	14 38			n.a.
S 18	8 3	22 18	0n42	14 49	1 42	3 50	1 38	4 42	0 28	16 47	1 2	5 38	2 45	7 6	0 44	22 25	0 11	22 44	0 32	23 36	23 34	14 40			n.a.
S 19	8 26	19 15	1 49	15 24	1 47	3 20	1 39	4 59	0 27	16 45	1 2	5 36	2 45	7 5	0 44	22 24	0 11	22 44	0 32	23 36	23 34	14 42			n.a.
M20	8 49	15 20	2 49	15 58	1 52	2 50	1 39	5 16	0 27	16 42	1 3	5 35	2 45	7 3	0 44	22 24	0 11	22 45	0 32	23 36	23 34	14 44			n.a.
T 21	9 12	10 52	3 39	16 32	1 56	2 20	1 39	5 33	0 26	16 40	1 3	5 33	2 45	7 2	0 44	22 24	0 11	22 45	0 32	23 36	23 35	14 47			n.a.
W22	9 35	6 2	4 18	17 4	2 1	1 49	1 38	5 50	0 26	16 37	1 3	5 31	2 45	7 1	0 44	22 24	0 11	22 44	0 31	23 36	23 35	14 49			n.a.
T 23	9 57	1 2	4 45	17 36	2 5	1 19	1 38	6 7	0 25	16 35	1 3	5 29	2 45	7 0	0 44	22 24	0 11	22 44	0 31	23 37	23 35	14 51			n.a.
F 24	10 20	3n56	4 59	18 7	2 9	0 49	1 38	6 24	0 24	16 33	1 4	5 27	2 45	6 59	0 44	22 24	0 11	22 44	0 31	23 37	23 35	14 53			n.a.
S 25	10 42	8 45	5 0	18 36	2 12	0 18	1 38	6 41	0 24	16 30	1 4	5 26	2 45	6 57	0 44	22 24	0 11	22 44	0 31	23 38	23 35	14 55			n.a.
S 26	11 4	13 13	4 48	19 5	2 16	0s12	1 37	6 58	0 23	16 28	1 4	5 24	2 45	6 56	0 44	22 24	0 11	22 44	0 31	23 38	23 35	14 58			n.a.
M27	11 26	17 10	4 23	19 32	2 18	0 43	1 37	7 15	0 23	16 26	1 4	5 22	2 45	6 55	0 44	22 24	0 11	22 44	0 31	23 39	23 36	15 0			n.a.
T 28	11 47	20 27	3 47	19 58	2 21	1 13	1 36	7 32	0 22	16 24	1 5	5 20	2 45	6 54	0 44	22 24	0 11	22 44	0 31	23 39	23 36	15 2			n.a.
W29	12 9	22 52	3 1	20 23	2 23	1 44	1 36	7 49	0 22	16 22	1 5	5 19	2 44	6 53	0 44	22 24	0 11	22 44	0 31	23 39	23 36	15 4			n.a.
T 30	12 30	24 17	2 6	20 47	2 24	2 14	1 35	8 5	0 21	16 19	1 5	5 17	2 44	6 52	0 44	22 24	0 11	22 44	0 31	23 40	23 36	15 6			n.a.
F 31	12s51	24n34	1n 5	21s 9	2s25	2s45	1n34	8s22	0n20	16n17	1n 5	5n15	2s44	6n51	0n44	22s23	0s11	22n44	0s31	23s40	23s36	15n 9			n.a.

Julian Day Number = 1612486.5, Delta T = 03h52m25s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'21, Lahiri = - 8°04'20 Julian Calendar 1 Oct. 299 BCE == Greg. Calendar 27 Sept. 299 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

NOVEMBER 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 22 10	4♏34'30	4♋11	24♏31	11♎42	22♎45	19♌17	19°R35	14♍34	20♑ 5	18°R49	4°D14	5♑46	27♈33	n.a.	S 1
S 2	2 26 7	5°35'30	16°39	25°48	12°58	23°28	19°24	19♈30	14°37	20° 6	18♊48	4♑15	5°43	27°40	n.a.	S 2
M 3	2 30 3	6°36'32	29°26	27° 3	14°13	24°10	19°31	19°26	14°40	20° 7	18°47	4°16	5°40	27°47	n.a.	M 3
T 4	2 34 0	7°37'34	12♌34	28°16	15°28	24°53	19°38	19°21	14°42	20° 8	18°46	4°R16	5°37	27°54	n.a.	T 4
W 5	2 37 56	8°38'38	26° 9	29°25	16°43	25°36	19°44	19°17	14°45	20° 9	18°45	4°14	5°33	28° 0	n.a.	W 5
T 6	2 41 53	9°39'43	10♍11	0♐32	17°58	26°19	19°51	19°12	14°47	20°10	18°44	4°10	5°30	28° 7	n.a.	T 6
F 7	2 45 49	10°40'49	24°41	1°34	19°14	27° 2	19°57	19° 8	14°50	20°11	18°43	4° 5	5°27	28°14	n.a.	F 7
S 8	2 49 46	11°41'57	9♎35	2°33	20°29	27°45	20° 3	19° 3	14°53	20°12	18°42	3°57	5°24	28°20	n.a.	S 8
S 9	2 53 42	12°43'05	24°46	3°27	21°44	28°29	20° 9	18°59	14°55	20°13	18°41	3°49	5°21	28°27	n.a.	S 9
M10	2 57 39	13°44'15	10♏ 3	4°15	23° 0	29°12	20°15	18°55	14°57	20°14	18°40	3°41	5°18	28°34	n.a.	M10
T 11	3 1 36	14°45'25	25°16	4°56	24°15	29°55	20°20	18°51	15° 0	20°16	18°39	3°34	5°14	28°41	n.a.	T 11
W12	3 5 32	15°46'36	10♐15	5°31	25°30	0♏38	20°26	18°47	15° 2	20°17	18°38	3°30	5°11	28°47	n.a.	W12
T 13	3 9 29	16°47'47	24°50	5°57	26°46	1°22	20°31	18°42	15° 4	20°18	18°37	3°27	5° 8	28°54	n.a.	T 13
F 14	3 13 25	17°48'59	8♑59	6°15	28° 1	2° 5	20°36	18°38	15° 7	20°19	18°36	3°D27	5° 5	29° 1	n.a.	F 14
S 15	3 17 22	18°50'12	22°38	6°R23	29°16	2°48	20°41	18°35	15° 9	20°21	18°35	3°28	5° 2	29° 7	n.a.	S 15
S 16	3 21 18	19°51'24	5♒51	6°20	0♏32	3°32	20°46	18°31	15°11	20°22	18°34	3°30	4°59	29°14	n.a.	S 16
M17	3 25 15	20°52'37	18°39	6° 6	1°47	4°15	20°51	18°27	15°13	20°23	18°33	3°R31	4°55	29°21	n.a.	M17
T 18	3 29 11	21°53'50	1♓ 7	5°41	3° 2	4°59	20°55	18°23	15°15	20°25	18°32	3°30	4°52	29°28	n.a.	T 18
W19	3 33 8	22°55'03	13°20	5° 4	4°18	5°42	20°59	18°20	15°17	20°26	18°31	3°28	4°49	29°34	n.a.	W19
T 20	3 37 5	23°56'16	25°22	4°15	5°33	6°26	21° 3	18°16	15°19	20°27	18°29	3°24	4°46	29°41	n.a.	T 20
F 21	3 41 1	24°57'30	7♈17	3°16	6°48	7°10	21° 7	18°13	15°21	20°29	18°28	3°18	4°43	29°48	n.a.	F 21
S 22	3 44 58	25°58'43	19° 9	2° 8	8° 4	7°53	21°11	18° 9	15°23	20°30	18°27	3°11	4°39	29°54	n.a.	S 22
S 23	3 48 54	26°59'57	1♉ 0	0°53	9°19	8°37	21°15	18° 6	15°25	20°32	18°26	3° 4	4°36	0♉ 1	n.a.	S 23
M24	3 52 51	28° 1'11	12°53	29♏33	10°35	9°21	21°18	18° 3	15°26	20°33	18°25	2°57	4°33	0° 8	n.a.	M24
T 25	3 56 47	29° 2'25	24°50	28°11	11°50	10° 5	21°21	18° 0	15°28	20°35	18°24	2°51	4°30	0°15	n.a.	T 25
W26	4 0 44	0♐ 3'39	6♊52	26°49	13° 5	10°49	21°24	17°57	15°30	20°36	18°22	2°46	4°27	0°21	n.a.	W26
T 27	4 4 40	1° 4'54	19° 0	25°31	14°21	11°33	21°27	17°54	15°31	20°38	18°21	2°44	4°24	0°28	n.a.	T 27
F 28	4 8 37	2° 6'09	1♋17	24°18	15°36	12°17	21°30	17°51	15°33	20°40	18°20	2°D43	4°20	0°35	n.a.	F 28
S 29	4 12 34	3° 7'23	13°43	23°13	16°52	13° 1	21°32	17°48	15°34	20°41	18°19	2°43	4°17	0°41	n.a.	S 29
S 30	4 16 30	4♐ 8'39	26♋22	22♏17	18♏ 7	13♏45	21♌35	17♈46	15♍36	20♑43	18♊17	2♑45	4♑14	0♉48	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s12	23n40	0n 0	21s29	2s26	3s15	1n33	8s39	0n20	16n15	1n 6	5n13	2s44	6n50	0n44	22s23	0s11	22n44	0s31	23s40	23s36	15n11		n.a.
S 2	13 33	21 35	1s 6	21 48	2 26	3 46	1 33	8 55	0 19	16 13	1 6	5 12	2 44	6 49	0 44	22 23	0 11	22 44	0 31	23 40	23 36	15 13		n.a.
M 3	13 53	18 23	2 11	22 5	2 25	4 16	1 32	9 12	0 19	16 11	1 6	5 10	2 44	6 48	0 44	22 23	0 11	22 44	0 31	23 40	23 37	15 15		n.a.
T 4	14 13	14 12	3 10	22 21	2 24	4 46	1 31	9 28	0 18	16 10	1 6	5 9	2 44	6 47	0 44	22 23	0 11	22 44	0 31	23 40	23 37	15 17		n.a.
W 5	14 33	9 10	4 2	22 34	2 21	5 16	1 29	9 45	0 17	16 8	1 7	5 7	2 44	6 46	0 44	22 23	0 11	22 44	0 31	23 40	23 37	15 19		n.a.
T 6	14 53	3 31	4 40	22 46	2 18	5 47	1 28	10 1	0 17	16 6	1 7	5 5	2 43	6 45	0 45	22 23	0 11	22 44	0 31	23 40	23 37	15 21		n.a.
F 7	15 13	2s29	5 2	22 55	2 14	6 16	1 27	10 17	0 16	16 4	1 7	5 4	2 43	6 44	0 45	22 22	0 11	22 44	0 31	23 40	23 37	15 24		n.a.
S 8	15 32	8 30	5 5	23 2	2 10	6 46	1 26	10 34	0 16	16 2	1 7	5 2	2 43	6 43	0 45	22 22	0 11	22 44	0 31	23 40	23 37	15 26		n.a.
S 9	15 51	14 8	4 46	23 7	2 4	7 16	1 25	10 50	0 15	16 1	1 8	5 1	2 43	6 42	0 45	22 22	0 11	22 44	0 31	23 41	23 37	15 28		n.a.
M10	16 9	18 55	4 7	23 10	1 57	7 46	1 23	11 6	0 14	15 59	1 8	4 59	2 43	6 41	0 45	22 22	0 11	22 44	0 30	23 41	23 37	15 30		n.a.
T 11	16 28	22 24	3 11	23 9	1 48	8 15	1 22	11 22	0 14	15 58	1 8	4 58	2 43	6 40	0 45	22 22	0 11	22 44	0 30	23 41	23 38	15 32		n.a.
W12	16 46	24 16	2 2	23 6	1 39	8 44	1 20	11 38	0 13	15 56	1 8	4 57	2 42	6 39	0 45	22 22	0 11	22 44	0 30	23 41	23 38	15 34		n.a.
T 13	17 4	24 24	0 46	23 0	1 28	9 13	1 19	11 54	0 13	15 55	1 9	4 55	2 42	6 38	0 45	22 21	0 11	22 44	0 30	23 41	23 38	15 36		n.a.
F 14	17 21	22 56	0n30	22 51	1 16	9 42	1 17	12 9	0 12	15 53	1 9	4 54	2 42	6 37	0 45	22 21	0 11	22 44	0 30	23 41	23 38	15 38		n.a.
S 15	17 38	20 8	1 42	22 39	1 2	10 10	1 15	12 25	0 11	15 52	1 9	4 53	2 42	6 37	0 45	22 21	0 11	22 44	0 30	23 41	23 38	15 41		n.a.
S 16	17 55	16 21	2 46	22 24	0 47	10 39	1 14	12 41	0 11	15 51	1 10	4 51	2 42	6 36	0 45	22 21	0 11	22 44	0 30	23 41	23 38	15 43		n.a.
M17	18 12	11 56	3 40	22 5	0 30	11 7	1 12	12 56	0 10	15 49	1 10	4 50	2 41	6 35	0 45	22 21	0 11	22 44	0 30	23 41	23 38	15 45		n.a.
T 18	18 28	7 8	4 22	21 43	0 12	11 35	1 10	13 12	0 9	15 48	1 10	4 49	2 41	6 34	0 45	22 20	0 11	22 44	0 30	23 41	23 38	15 47		n.a.
W19	18 44	2 9	4 51	21 18	0n 7	12 2	1 8	13 27	0 9	15 47	1 10	4 48	2 41	6 33	0 45	22 20	0 11	22 44	0 30	23 41	23 39	15 49		n.a.
T 20	18 59	2n49	5 7	20 49	0 26	12 29	1 6	13 42	0 8	15 46	1 11	4 46	2 41	6 33	0 45	22 20	0 11	22 44	0 30	23 41	23 39	15 51		n.a.
F 21	19 14	7 39	5 9	20 18	0 47	12 56	1 5	13 57	0 7	15 45	1 11	4 45	2 40	6 32	0 45	22 20	0 11	22 44	0 30	23 41	23 39	15 53		n.a.
S 22	19 29	12 10	4 58	19 45	1 7	13 23	1 3	14 12	0 7	15 44	1 11	4 44	2 40	6 31	0 45	22 20	0 11	22 44	0 30	23 42	23 39	15 55		n.a.
S 23	19 44	16 14	4 34	19 10	1 27	13 49	1 1	14 27	0 6	15 43	1 12	4 43	2 40	6 31	0 45	22 19	0 11	22 44	0 30	23 42	23 39	15 57		n.a.
M24	19 58	19 41	3 58	18 35	1 46	14 15	0 58	14 42	0 6	15 42	1 12	4 42	2 40	6 30	0 45	22 19	0 11	22 44	0 30	23 42	23 39	15 59		n.a.
T 25	20 11	22 18	3 12	18 0	2 3	14 41	0 56	14 56	0 5	15 42	1 12	4 41	2 40	6 29	0 45	22 19	0 11	22 44	0 30	23 42	23 39	16 1		n.a.
W26	20 25	23 58	2 17	17 26	2 19	15 6	0 54	15 11	0 4	15 41	1 12	4 40	2 39	6 29	0 45	22 19	0 11	22 44	0 30	23 42	23 39	16 3		n.a.
T 27	20 38	24 30	1 14	16 54	2 33	15 31	0 52	15 25	0 4	15 40	1 13	4 39	2 39	6 28	0 45	22 18	0 11	22 43	0 29	23 42	23 39	16 6		n.a.
F 28	20 50	23 51	0 8	16 25	2 44	15 55	0 50	15 40	0 3	15 40	1 13	4 39	2 39	6 28	0 45	22 18	0 11	22 43	0 29	23 42	23 40	16 8		n.a.
S 29	21 2	22 1	1s 0	16 0	2 53	16 19	0 48	15 54	0 2	15 39	1 13	4 38	2 39	6 27	0 45	22 18	0 11	22 43	0 29	23 42	23 40	16 10		n.a.
S 30	21s14	19n 4	2s 6	15s40	3n 0	16s42	0n45	16s 8	0n 2	15n39	1n14	4n37	2s38	6n26	0n45	22s18	0s11	22n43	0s29	23s42	23s40	16n12		n.a.

Julian Day Number = 1612517.5, Delta T = 03h52m24s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'16, Lahiri = - 8°04'16 Julian Calendar 1 Nov. 299 BCE == Greg. Calendar 28 Oct. 299 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 299 BCE
geocentric

DECEMBER 299 BCE (-298) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 20 27	5♐ 9'54	9♌16	21°R31	19♏22	14♏29	21♌37	17°R43	15♍37	20♑45	18°R16	2♑46	4♑11	0♉55	n.a.	M 1
T 2	4 24 23	6°11'09	22°26	20♏55	20°38	15°13	21°39	17♈41	15°38	20°47	18♊15	2°48	4° 8	1° 1	n.a.	T 2
W 3	4 28 20	7°12'25	5♍57	20°29	21°53	15°57	21°41	17°38	15°40	20°48	18°14	2°R49	4° 5	1° 8	n.a.	W 3
T 4	4 32 16	8°13'40	19°49	20°14	23° 9	16°41	21°42	17°36	15°41	20°50	18°12	2°48	4° 1	1°15	n.a.	T 4
F 5	4 36 13	9°14'56	4♎ 2	20°D 8	24°24	17°25	21°44	17°34	15°42	20°52	18°11	2°46	3°58	1°22	n.a.	F 5
S 6	4 40 10	10°16'12	18°34	20°11	25°39	18°10	21°45	17°32	15°43	20°54	18°10	2°44	3°55	1°28	n.a.	S 6
S 7	4 44 6	11°17'28	3♏22	20°23	26°55	18°54	21°46	17°30	15°44	20°55	18° 9	2°41	3°52	1°35	n.a.	S 7
M 8	4 48 3	12°18'44	18°18	20°43	28°10	19°39	21°47	17°28	15°45	20°57	18° 7	2°38	3°49	1°42	n.a.	M 8
T 9	4 51 59	13°20'00	3♐15	21° 9	29°26	20°23	21°47	17°26	15°46	20°59	18° 6	2°36	3°45	1°48	n.a.	T 9
W10	4 55 56	14°21'15	18° 4	21°42	0♐41	21° 7	21°48	17°25	15°47	21° 1	18° 5	2°34	3°42	1°55	n.a.	W10
T 11	4 59 52	15°22'30	2♑37	22°20	1°56	21°52	21°48	17°23	15°48	21° 3	18° 3	2°D34	3°39	2° 2	n.a.	T 11
F 12	5 3 49	16°23'45	16°49	23° 4	3°12	22°36	21°R48	17°22	15°49	21° 5	18° 2	2°34	3°36	2° 9	n.a.	F 12
S 13	5 7 45	17°24'59	0♒35	23°52	4°27	23°21	21°48	17°21	15°50	21° 7	18° 1	2°35	3°33	2°15	n.a.	S 13
S 14	5 11 42	18°26'12	13°56	24°44	5°42	24° 6	21°47	17°20	15°50	21° 9	18° 0	2°36	3°30	2°22	n.a.	S 14
M15	5 15 39	19°27'24	26°51	25°40	6°58	24°50	21°47	17°19	15°51	21°11	17°58	2°38	3°26	2°29	n.a.	M15
T 16	5 19 35	20°28'35	9♓26	26°40	8°13	25°35	21°46	17°18	15°51	21°13	17°57	2°38	3°23	2°35	n.a.	T 16
W17	5 23 32	21°29'45	21°42	27°42	9°28	26°20	21°45	17°17	15°52	21°15	17°56	2°R39	3°20	2°42	n.a.	W17
T 18	5 27 28	22°30'54	3♈46	28°47	10°44	27° 4	21°44	17°16	15°52	21°17	17°55	2°38	3°17	2°49	n.a.	T 18
F 19	5 31 25	23°32'03	15°41	29°54	11°59	27°49	21°43	17°16	15°53	21°19	17°53	2°38	3°14	2°56	n.a.	F 19
S 20	5 35 21	24°33'10	27°32	1♐ 4	13°14	28°34	21°41	17°15	15°53	21°21	17°52	2°37	3°11	3° 2	n.a.	S 20
S 21	5 39 18	25°34'16	9♉23	2°15	14°30	29°19	21°39	17°15	15°53	21°23	17°51	2°36	3° 7	3° 9	n.a.	S 21
M22	5 43 14	26°35'21	21°18	3°29	15°45	0♐ 4	21°38	17°15	15°54	21°25	17°49	2°35	3° 4	3°16	n.a.	M22
T 23	5 47 11	27°36'26	3♊20	4°44	17° 0	0°49	21°35	17°D15	15°54	21°27	17°48	2°34	3° 1	3°22	n.a.	T 23
W24	5 51 8	28°37'29	15°31	6° 0	18°15	1°34	21°33	17°15	15°54	21°30	17°47	2°33	2°58	3°29	n.a.	W24
T 25	5 55 4	29°38'31	27°52	7°18	19°31	2°19	21°31	17°15	15°R54	21°32	17°46	2°D33	2°55	3°36	n.a.	T 25
F 26	5 59 1	0♑39'33	10♋26	8°37	20°46	3° 4	21°28	17°15	15°54	21°34	17°44	2°33	2°51	3°42	n.a.	F 26
S 27	6 2 57	1°40'33	23°13	9°58	22° 1	3°49	21°25	17°15	15°54	21°36	17°43	2°33	2°48	3°49	n.a.	S 27
S 28	6 6 54	2°41'32	6♌12	11°19	23°16	4°34	21°22	17°16	15°54	21°38	17°42	2°R33	2°45	3°56	n.a.	S 28
M29	6 10 50	3°42'31	19°25	12°42	24°32	5°19	21°19	17°16	15°54	21°40	17°41	2°33	2°42	4° 3	n.a.	M29
T 30	6 14 47	4°43'28	2♍51	14° 6	25°47	6° 4	21°16	17°17	15°53	21°43	17°39	2°33	2°39	4° 9	n.a.	T 30
W31	6 18 44	5♑44'25	16♍31	15♐30	27♐ 2	6♐49	21♌12	17♈18	15♍53	21♑45	17♊38	2♑33	2♑36	4♉16	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	21s25	15n 9	3s 7	15s23	3n 5	17s 6	0n43	16s22	0n 1	15n38	1n14	4n36	2s38	6n26	0n45	22s17	0s11	22n43	0s29	23s42	23s40	16n14			n.a.
T 2	21 36	10 25	4 0	15 12	3 7	17 28	0 41	16 36	0 0	15 38	1 14	4 36	2 38	6 25	0 45	22 17	0 11	22 43	0 29	23 42	23 40	16 16			n.a.
W 3	21 47	5 6	4 41	15 4	3 8	17 50	0 39	16 49	0s 0	15 38	1 15	4 35	2 37	6 25	0 45	22 17	0 11	22 43	0 29	23 42	23 40	16 18			n.a.
T 4	21 57	0s36	5 7	15 1	3 7	18 12	0 36	17 3	0 1	15 37	1 15	4 34	2 37	6 25	0 46	22 17	0 11	22 43	0 29	23 42	23 40	16 20			n.a.
F 5	22 6	6 25	5 14	15 2	3 4	18 33	0 34	17 16	0 2	15 37	1 15	4 34	2 37	6 24	0 46	22 16	0 11	22 43	0 29	23 42	23 40	16 22			n.a.
S 6	22 16	12 1	5 3	15 7	3 0	18 54	0 32	17 29	0 2	15 37	1 15	4 33	2 37	6 24	0 46	22 16	0 11	22 43	0 29	23 42	23 40	16 24			n.a.
S 7	22 24	17 1	4 31	15 15	2 56	19 14	0 29	17 42	0 3	15 37	1 16	4 33	2 36	6 23	0 46	22 16	0 11	22 43	0 29	23 42	23 40	16 26			n.a.
M 8	22 33	21 1	3 40	15 25	2 50	19 34	0 27	17 55	0 4	15 37	1 16	4 32	2 36	6 23	0 46	22 16	0 11	22 43	0 29	23 42	23 41	16 28			n.a.
T 9	22 41	23 36	2 35	15 38	2 43	19 53	0 24	18 8	0 4	15 37	1 16	4 32	2 36	6 23	0 46	22 15	0 11	22 43	0 29	23 42	23 41	16 30			n.a.
W10	22 48	24 30	1 19	15 54	2 36	20 11	0 22	18 21	0 5	15 37	1 17	4 32	2 35	6 22	0 46	22 15	0 11	22 43	0 29	23 42	23 41	16 32			n.a.
T 11	22 55	23 42	0n 0	16 11	2 29	20 29	0 19	18 33	0 6	15 37	1 17	4 31	2 35	6 22	0 46	22 15	0 11	22 43	0 29	23 42	23 41	16 34			n.a.
F 12	23 2	21 22	1 18	16 29	2 21	20 46	0 17	18 45	0 7	15 38	1 17	4 31	2 35	6 22	0 46	22 14	0 11	22 43	0 29	23 42	23 41	16 36			n.a.
S 13	23 8	17 51	2 29	16 49	2 13	21 3	0 15	18 57	0 7	15 38	1 18	4 31	2 35	6 22	0 46	22 14	0 11	22 43	0 28	23 42	23 41	16 38			n.a.
S 14	23 13	13 31	3 29	17 10	2 4	21 19	0 12	19 9	0 8	15 38	1 18	4 31	2 34	6 21	0 46	22 14	0 11	22 43	0 28	23 42	23 41	16 40			n.a.
M15	23 18	8 41	4 17	17 32	1 56	21 35	0 10	19 21	0 9	15 39	1 18	4 31	2 34	6 21	0 46	22 14	0 11	22 43	0 28	23 42	23 41	16 42			n.a.
T 16	23 23	3 38	4 51	17 55	1 47	21 50	0 7	19 32	0 9	15 39	1 19	4 31	2 34	6 21	0 46	22 13	0 11	22 43	0 28	23 42	23 41	16 44			n.a.
W17	23 27	1n26	5 11	18 18	1 38	22 4	0 5	19 44	0 10	15 40	1 19	4 31	2 33	6 21	0 46	22 13	0 11	22 42	0 28	23 42	23 41	16 46			n.a.
T 18	23 31	6 21	5 17	18 41	1 29	22 17	0 2	19 55	0 11	15 41	1 19	4 31	2 33	6 21	0 46	22 13	0 11	22 42	0 28	23 42	23 41	16 48			n.a.
F 19	23 34	10 59	5 9	19 4	1 21	22 30	0s 0	20 6	0 11	15 41	1 19	4 31	2 33	6 21	0 46	22 12	0 11	22 42	0 28	23 42	23 41	16 50			n.a.
S 20	23 37	15 11	4 47	19 27	1 12	22 42	0 3	20 17	0 12	15 42	1 20	4 31	2 32	6 20	0 46	22 12	0 11	22 42	0 28	23 42	23 42	16 52			n.a.
S 21	23 39	18 48	4 14	19 50	1 3	22 54	0 5	20 27	0 13	15 43	1 20	4 31	2 32	6 20	0 46	22 12	0 11	22 42	0 28	23 42	23 42	16 53			n.a.
M22	23 41	21 40	3 29	20 13	0 54	23 5	0 7	20 38	0 14	15 44	1 20	4 31	2 32	6 20	0 46	22 11	0 11	22 42	0 28	23 42	23 42	16 55			n.a.
T 23	23 43	23 37	2 35	20 36	0 46	23 15	0 10	20 48	0 14	15 45	1 21	4 31	2 31	6 20	0 46	22 11	0 11	22 42	0 28	23 42	23 42	16 57			n.a.
W24	23 43	24 29	1 33	20 58	0 37	23 24	0 12	20 58	0 15	15 46	1 21	4 32	2 31	6 20	0 46	22 11	0 11	22 42	0 28	23 42	23 42	16 59			n.a.
T 25	23 44	24 9	0 26	21 19	0 29	23 33	0 15	21 8	0 16	15 47	1 21	4 32	2 31	6 20	0 46	22 10	0 11	22 42	0 28	23 42	23 42	17 1			n.a.
F 26	23 44	22 35	0s44	21 41	0 20	23 41	0 17	21 18	0 16	15 48	1 21	4 32	2 30	6 20	0 46	22 10	0 11	22 42	0 28	23 42	23 42	17 3			n.a.
S 27	23 43	19 52	1 52	22 1	0 12	23 49	0 19	21 27	0 17	15 49	1 22	4 33	2 30	6 20	0 46	22 10	0 11	22 42	0 28	23 42	23 42	17 5			n.a.
S 28	23 42	16 6	2 56	22 21	0 4	23 55	0 22	21 36	0 18	15 51	1 22	4 33	2 30	6 20	0 47	22 9	0 11	22 42	0 27	23 42	23 42	17 7			n.a.
M29	23 41	11 31	3 52	22 40	0s 4	24 1	0 24	21 45	0 19	15 52	1 22	4 34	2 30	6 21	0 47	22 9	0 11	22 42	0 27	23 42	23 42	17 9			n.a.
T 30	23 39	6 18	4 36	22 58	0 12	24 6	0 26	21 54	0 19	15 53	1 23	4 34	2 29	6 21	0 47	22 9	0 11	22 42	0 27	23 42	23 42	17 11			n.a.
W31	23s36	0n42	5s 5	23s15	0s19	24s10	0s29	22s 3	0s20	15n55	1n23	4n35	2s29	6n21	0n47	22s 8	0s11	22n42	0s27	23s42	23s42	17n13			n.a.

Julian Day Number = 1612547.5, Delta T = 03h52m23s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'12, Lahiri = - 8°04'12 Julian Calendar 1 Dec. 299 BCE == Greg. Calendar 27 Nov. 299 BCE

The year -298 astronomical counting style corresponds to year 299 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

JANUARY 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 22 40	6♑45'20	0♎23	16♐56	28♐17	7♐35	21°R 8	17♈19	15°R53	21♑47	17°R37	2°D33	2♑32	4♉23	n.a.	T 1
F 2	6 26 37	7°46'15	14°28	18°23	29°32	8°20	21♌ 5	17°20	15♍52	21°49	17♊36	2♑33	2°29	4°29	n.a.	F 2
S 3	6 30 33	8°47'08	28°43	19°50	0♑48	9° 5	21° 0	17°21	15°52	21°51	17°35	2°33	2°26	4°36	n.a.	S 3
S 4	6 34 30	9°48'01	13♏ 6	21°18	2° 3	9°50	20°56	17°22	15°51	21°54	17°33	2°34	2°23	4°43	n.a.	S 4
M 5	6 38 26	10°48'53	27°34	22°48	3°18	10°36	20°52	17°23	15°51	21°56	17°32	2°34	2°20	4°49	n.a.	M 5
T 6	6 42 23	11°49'44	12♐ 2	24°18	4°33	11°21	20°47	17°25	15°50	21°58	17°31	2°35	2°17	4°56	n.a.	T 6
W 7	6 46 19	12°50'33	26°26	25°48	5°48	12° 7	20°42	17°27	15°49	22° 0	17°30	2°R35	2°13	5° 3	n.a.	W 7
T 8	6 50 16	13°51'21	10♑40	27°20	7° 3	12°52	20°38	17°28	15°49	22° 3	17°29	2°35	2°10	5°10	n.a.	T 8
F 9	6 54 13	14°52'08	24°39	28°52	8°19	13°38	20°32	17°30	15°48	22° 5	17°28	2°35	2° 7	5°16	n.a.	F 9
S 10	6 58 9	15°52'53	8♒19	0♑26	9°34	14°23	20°27	17°32	15°47	22° 7	17°27	2°33	2° 4	5°23	n.a.	S 10
S 11	7 2 6	16°53'37	21°39	2° 0	10°49	15° 9	20°22	17°34	15°46	22° 9	17°25	2°31	2° 1	5°30	n.a.	S 11
M12	7 6 2	17°54'19	4♓37	3°35	12° 4	15°54	20°16	17°36	15°45	22°12	17°24	2°29	1°57	5°36	n.a.	M12
T 13	7 9 59	18°54'59	17°15	5°10	13°19	16°40	20°11	17°39	15°44	22°14	17°23	2°27	1°54	5°43	n.a.	T 13
W14	7 13 55	19°55'37	29°36	6°47	14°34	17°25	20° 5	17°41	15°43	22°16	17°22	2°25	1°51	5°50	n.a.	W14
T 15	7 17 52	20°56'13	11♈42	8°24	15°49	18°11	19°59	17°43	15°42	22°19	17°21	2°24	1°48	5°57	n.a.	T 15
F 16	7 21 48	21°56'47	23°39	10° 2	17° 4	18°57	19°53	17°46	15°41	22°21	17°20	2°D24	1°45	6° 3	n.a.	F 16
S 17	7 25 45	22°57'20	5♉30	11°42	18°19	19°42	19°47	17°49	15°40	22°23	17°19	2°24	1°42	6°10	n.a.	S 17
S 18	7 29 42	23°57'50	17°22	13°22	19°34	20°28	19°40	17°51	15°39	22°25	17°18	2°25	1°38	6°17	n.a.	S 18
M19	7 33 38	24°58'19	29°17	15° 3	20°49	21°14	19°34	17°54	15°37	22°28	17°17	2°27	1°35	6°23	n.a.	M19
T 20	7 37 35	25°58'46	11♊22	16°44	22° 4	22° 0	19°27	17°57	15°36	22°30	17°16	2°29	1°32	6°30	n.a.	T 20
W21	7 41 31	26°59'11	23°40	18°27	23°19	22°45	19°21	18° 0	15°35	22°32	17°15	2°30	1°29	6°37	n.a.	W21
T 22	7 45 28	27°59'33	6♋13	20°11	24°34	23°31	19°14	18° 4	15°33	22°34	17°14	2°R30	1°26	6°43	n.a.	T 22
F 23	7 49 24	28°59'54	19° 4	21°56	25°49	24°17	19° 7	18° 7	15°32	22°37	17°13	2°29	1°23	6°50	n.a.	F 23
S 24	7 53 21	0♒ 0'13	2♌12	23°41	27° 4	25° 3	19° 0	18°10	15°30	22°39	17°12	2°27	1°19	6°57	n.a.	S 24
S 25	7 57 17	1° 0'31	15°37	25°28	28°19	25°49	18°53	18°14	15°29	22°41	17°12	2°23	1°16	7° 4	n.a.	S 25
M26	8 1 14	2° 0'46	29°17	27°16	29°34	26°35	18°46	18°17	15°27	22°44	17°11	2°19	1°13	7°10	n.a.	M26
T 27	8 5 11	3° 0'59	13♍ 9	29° 4	0♒49	27°21	18°39	18°21	15°26	22°46	17°10	2°14	1°10	7°17	n.a.	T 27
W28	8 9 7	4° 1'11	27°11	0♒54	2° 4	28° 7	18°31	18°25	15°24	22°48	17° 9	2° 9	1° 7	7°24	n.a.	W28
T 29	8 13 4	5° 1'21	11♎18	2°45	3°18	28°52	18°24	18°29	15°22	22°50	17° 8	2° 6	1° 3	7°30	n.a.	T 29
F 30	8 17 0	6° 1'30	25°28	4°36	4°33	29°38	18°17	18°33	15°20	22°52	17° 7	2° 4	1° 0	7°37	n.a.	F 30
S 31	8 20 57	7♒ 1'37	9♏38	6♒29	5♒48	0♑24	18♌ 9	18♈37	15♍19	22♑55	17♊ 7	2°D 4	0♑57	7♉44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s33	5s 0	5s17	23s31	0s26	24s14	0s31	22s11	0s21	15n56	1n23	4n36	2s29	6n21	0n47	22s 8	0s11	22n42	0s27	23s42	23s42	17n15		n.a.
F 2	23 30	10 31	5 10	23 46	0 34	24 17	0 33	22 19	0 22	15 58	1 23	4 36	2 28	6 21	0 47	22 8	0 11	22 42	0 27	23 42	23 42	17 16		n.a.
S 3	23 26	15 34	4 45	24 1	0 40	24 19	0 35	22 27	0 22	15 59	1 24	4 37	2 28	6 21	0 47	22 7	0 11	22 42	0 27	23 42	23 43	17 18		n.a.
S 4	23 22	19 47	4 1	24 14	0 47	24 20	0 37	22 35	0 23	16 1	1 24	4 38	2 28	6 22	0 47	22 7	0 11	22 42	0 27	23 42	23 43	17 20		n.a.
M 5	23 17	22 49	3 2	24 25	0 54	24 21	0 39	22 42	0 24	16 3	1 24	4 39	2 27	6 22	0 47	22 7	0 11	22 42	0 27	23 42	23 43	17 22		n.a.
T 6	23 12	24 21	1 52	24 36	1 0	24 21	0 41	22 49	0 24	16 4	1 25	4 39	2 27	6 22	0 47	22 6	0 11	22 42	0 27	23 42	23 43	17 24		n.a.
W 7	23 6	24 15	0 34	24 46	1 6	24 20	0 44	22 56	0 25	16 6	1 25	4 40	2 27	6 23	0 47	22 6	0 11	22 41	0 27	23 42	23 43	17 26		n.a.
T 8	23 0	22 33	0n45	24 54	1 12	24 18	0 46	23 3	0 26	16 8	1 25	4 41	2 26	6 23	0 47	22 5	0 11	22 41	0 27	23 42	23 43	17 28		n.a.
F 9	22 53	19 30	1 59	25 1	1 17	24 15	0 48	23 9	0 27	16 10	1 25	4 42	2 26	6 23	0 47	22 5	0 11	22 41	0 27	23 42	23 43	17 29		n.a.
S 10	22 46	15 26	3 5	25 6	1 22	24 12	0 49	23 15	0 27	16 12	1 26	4 43	2 26	6 24	0 47	22 5	0 12	22 41	0 27	23 42	23 43	17 31		n.a.
S 11	22 39	10 41	3 59	25 10	1 27	24 8	0 51	23 21	0 28	16 14	1 26	4 44	2 25	6 24	0 47	22 4	0 12	22 41	0 27	23 42	23 43	17 33		n.a.
M12	22 31	5 36	4 39	25 13	1 32	24 4	0 53	23 27	0 29	16 16	1 26	4 46	2 25	6 24	0 47	22 4	0 12	22 41	0 26	23 42	23 43	17 35		n.a.
T 13	22 23	0 25	5 5	25 14	1 37	23 58	0 55	23 33	0 30	16 18	1 26	4 47	2 25	6 25	0 47	22 4	0 12	22 41	0 26	23 43	23 43	17 37		n.a.
W14	22 14	4n39	5 15	25 14	1 41	23 52	0 57	23 38	0 30	16 20	1 26	4 48	2 25	6 25	0 47	22 3	0 12	22 41	0 26	23 43	23 43	17 39		n.a.
T 15	22 5	9 27	5 12	25 12	1 44	23 45	0 59	23 43	0 31	16 22	1 27	4 49	2 24	6 26	0 47	22 3	0 12	22 41	0 26	23 43	23 43	17 40		n.a.
F 16	21 55	13 50	4 54	25 8	1 48	23 37	1 0	23 48	0 32	16 24	1 27	4 50	2 24	6 26	0 47	22 3	0 12	22 41	0 26	23 43	23 43	17 42		n.a.
S 17	21 45	17 40	4 25	25 3	1 51	23 29	1 2	23 52	0 33	16 26	1 27	4 52	2 24	6 27	0 47	22 2	0 12	22 41	0 26	23 43	23 43	17 44		n.a.
S 18	21 35	20 47	3 44	24 56	1 54	23 20	1 3	23 56	0 33	16 29	1 27	4 53	2 23	6 27	0 47	22 2	0 12	22 41	0 26	23 43	23 43	17 46		n.a.
M19	21 24	23 3	2 53	24 48	1 56	23 10	1 5	24 0	0 34	16 31	1 28	4 54	2 23	6 28	0 47	22 1	0 12	22 41	0 26	23 42	23 43	17 48		n.a.
T 20	21 13	24 18	1 54	24 37	1 58	23 0	1 7	24 4	0 35	16 33	1 28	4 56	2 23	6 28	0 47	22 1	0 12	22 41	0 26	23 42	23 43	17 49		n.a.
W21	21 1	24 23	0 48	24 25	2 0	22 48	1 8	24 7	0 35	16 35	1 28	4 57	2 22	6 29	0 47	22 1	0 12	22 41	0 26	23 42	23 43	17 51		n.a.
T 22	20 49	23 15	0s20	24 11	2 1	22 36	1 9	24 10	0 36	16 38	1 28	4 59	2 22	6 29	0 47	22 0	0 12	22 41	0 26	23 42	23 43	17 53		n.a.
F 23	20 37	20 53	1 30	23 56	2 2	22 24	1 11	24 13	0 37	16 40	1 28	5 0	2 22	6 30	0 47	22 0	0 12	22 41	0 26	23 42	23 43	17 55		n.a.
S 24	20 24	17 23	2 36	23 38	2 3	22 11	1 12	24 16	0 38	16 43	1 29	5 2	2 22	6 31	0 48	22 0	0 12	22 41	0 26	23 43	23 43	17 57		n.a.
S 25	20 11	12 56	3 35	23 19	2 3	21 57	1 13	24 18	0 38	16 45	1 29	5 4	2 21	6 31	0 48	21 59	0 12	22 41	0 26	23 43	23 44	17 58		n.a.
M26	19 57	7 46	4 22	22 57	2 2	21 42	1 14	24 20	0 39	16 47	1 29	5 5	2 21	6 32	0 48	21 59	0 12	22 41	0 25	23 43	23 44	18 0		n.a.
T 27	19 43	2 10	4 55	22 34	2 1	21 27	1 16	24 22	0 40	16 50	1 29	5 7	2 21	6 33	0 48	21 59	0 12	22 41	0 25	23 43	23 44	18 2		n.a.
W28	19 29	3s37	5 11	22 9	2 0	21 11	1 17	24 24	0 41	16 52	1 29	5 9	2 20	6 33	0 48	21 58	0 12	22 41	0 25	23 43	23 44	18 4		n.a.
T 29	19 15	9 14	5 8	21 42	1 58	20 55	1 18	24 25	0 41	16 55	1 29	5 10	2 20	6 34	0 48	21 58	0 12	22 41	0 25	23 43	23 44	18 5		n.a.
F 30	19 0	14 24	4 47	21 12	1 55	20 38	1 19	24 26	0 42	16 57	1 30	5 12	2 20	6 35	0 48	21 57	0 12	22 41	0 25	23 43	23 44	18 7		n.a.
S 31	18s44	18s47	4s 8	20s41	1s52	20s20	1s19	24s27	0s43	17n 0	1n30	5n14	2s20	6n35	0n48	21s57	0s12	22n41	0s25	23s43	23s44	18n 9		n.a.

Julian Day Number = 1612578.5, Delta T = 03h52m22s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'08, Lahiri = - 8°04'08 Julian Calendar 1 Jan. 298 BCE == Greg. Calendar 28 Dec. 299 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

FEBRUARY 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 53	8♒ 1'42	23♏47	8♒22	7♒ 3	1♑10	18°R 2	18♈41	15°R17	22♑57	17°R 6	2♑ 4	0♑54	7♉50	n.a.	S 1
M 2	8 28 50	9° 1'46	7♐52	10°16	8°18	1°56	17♌54	18°45	15♍15	22°59	17♊ 5	2° 6	0°51	7°57	n.a.	M 2
T 3	8 32 46	10° 1'48	21°53	12°12	9°33	2°43	17°46	18°50	15°13	23° 1	17° 4	2° 7	0°48	8° 4	n.a.	T 3
W 4	8 36 43	11° 1'48	5♑48	14° 8	10°47	3°29	17°39	18°54	15°11	23° 4	17° 4	2°R 7	0°44	8°10	n.a.	W 4
T 5	8 40 40	12° 1'47	19°34	16° 4	12° 2	4°15	17°31	18°59	15° 9	23° 6	17° 3	2° 6	0°41	8°17	n.a.	T 5
F 6	8 44 36	13° 1'43	3♒10	18° 1	13°17	5° 1	17°23	19° 3	15° 7	23° 8	17° 2	2° 3	0°38	8°24	n.a.	F 6
S 7	8 48 33	14° 1'38	16°32	19°59	14°32	5°47	17°15	19° 8	15° 5	23°10	17° 2	1°57	0°35	8°31	n.a.	S 7
S 8	8 52 29	15° 1'30	29°40	21°56	15°46	6°33	17° 7	19°13	15° 3	23°12	17° 1	1°50	0°32	8°37	n.a.	S 8
M 9	8 56 26	16° 1'20	12♓31	23°54	17° 1	7°19	17° 0	19°18	15° 1	23°14	17° 1	1°42	0°29	8°44	n.a.	M 9
T 10	9 0 22	17° 1'08	25° 5	25°51	18°16	8° 5	16°52	19°22	14°59	23°16	17° 0	1°34	0°25	8°51	n.a.	T 10
W11	9 4 19	18° 0'53	7♈25	27°48	19°30	8°51	16°44	19°28	14°56	23°19	17° 0	1°26	0°22	8°57	n.a.	W11
T 12	9 8 15	19° 0'37	19°31	29°44	20°45	9°38	16°36	19°33	14°54	23°21	16°59	1°20	0°19	9° 4	n.a.	T 12
F 13	9 12 12	20° 0'18	1♉27	1♓39	22° 0	10°24	16°28	19°38	14°52	23°23	16°59	1°16	0°16	9°11	n.a.	F 13
S 14	9 16 9	20°59'56	13°19	3°32	23°14	11°10	16°21	19°43	14°50	23°25	16°58	1°14	0°13	9°17	n.a.	S 14
S 15	9 20 5	21°59'32	25° 9	5°24	24°29	11°56	16°13	19°48	14°47	23°27	16°58	1°D14	0° 9	9°24	n.a.	S 15
M16	9 24 2	22°59'06	7♊ 5	7°13	25°44	12°42	16° 5	19°54	14°45	23°29	16°57	1°15	0° 6	9°31	n.a.	M16
T 17	9 27 58	23°58'38	19°10	8°59	26°58	13°28	15°57	19°59	14°43	23°31	16°57	1°16	0° 3	9°37	n.a.	T 17
W18	9 31 55	24°58'07	1♋29	10°42	28°13	14°15	15°50	20° 5	14°40	23°33	16°56	1°R16	29♐59	9°44	n.a.	W18
T 19	9 35 51	25°57'34	14° 8	12°21	29°27	15° 1	15°42	20°11	14°38	23°35	16°56	1°16	29°57	9°51	n.a.	T 19
F 20	9 39 48	26°56'58	27° 9	13°56	0♓42	15°47	15°35	20°16	14°36	23°37	16°56	1°13	29°54	9°58	n.a.	F 20
S 21	9 43 44	27°56'21	10♌33	15°26	1°56	16°33	15°27	20°22	14°33	23°39	16°55	1° 7	29°50	10° 4	n.a.	S 21
S 22	9 47 41	28°55'40	24°20	16°52	3°11	17°19	15°20	20°28	14°31	23°41	16°55	1° 0	29°47	10°11	n.a.	S 22
M23	9 51 37	29°54'58	8♍27	18°12	4°25	18° 6	15°12	20°34	14°28	23°43	16°55	0°51	29°44	10°18	n.a.	M23
T 24	9 55 34	0♓54'13	22°48	19°26	5°39	18°52	15° 5	20°40	14°26	23°45	16°55	0°41	29°41	10°24	n.a.	T 24
W25	9 59 31	1°53'27	7♎18	20°34	6°54	19°38	14°58	20°46	14°23	23°47	16°54	0°32	29°38	10°31	n.a.	W25
T 26	10 3 27	2°52'38	21°49	21°35	8° 8	20°24	14°51	20°52	14°21	23°49	16°54	0°24	29°34	10°38	n.a.	T 26
F 27	10 7 24	3°51'48	6♏17	22°30	9°23	21°11	14°44	20°58	14°18	23°50	16°54	0°19	29°31	10°44	n.a.	F 27
S 28	10 11 20	4♓50'56	20♏36	23♓18	10♓37	21♑57	14♌37	21♈ 4	14♍16	23♑52	16♊54	0♑16	29♐28	10♉51	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	18s29	22s 4	3s14	20s 8	1s49	20s 2	1s20	24s27	0s44	17n 2	1n30	5n16	2s19	6n36	0n48	21s57	0s12	22n41	0s25	23s43	23s44	18n11			n.a.
M 2	18 13	24 0	2 8	19 33	1 44	19 43	1 21	24 27	0 44	17 5	1 30	5 18	2 19	6 37	0 48	21 56	0 12	22 41	0 25	23 43	23 44	18 12			n.a.
T 3	17 57	24 24	0 55	18 56	1 40	19 24	1 22	24 27	0 45	17 7	1 30	5 20	2 19	6 38	0 48	21 56	0 12	22 41	0 25	23 43	23 44	18 14			n.a.
W 4	17 40	23 16	0n20	18 18	1 34	19 4	1 22	24 27	0 46	17 10	1 30	5 22	2 18	6 38	0 48	21 56	0 12	22 41	0 25	23 43	23 44	18 16			n.a.
T 5	17 24	20 45	1 33	17 37	1 28	18 43	1 23	24 26	0 46	17 12	1 30	5 23	2 18	6 39	0 48	21 55	0 12	22 41	0 25	23 43	23 44	18 18			n.a.
F 6	17 7	17 5	2 40	16 55	1 22	18 22	1 23	24 25	0 47	17 15	1 30	5 26	2 18	6 40	0 48	21 55	0 12	22 41	0 25	23 43	23 44	18 19			n.a.
S 7	16 49	12 37	3 37	16 11	1 15	18 1	1 24	24 24	0 48	17 17	1 31	5 28	2 18	6 41	0 48	21 55	0 12	22 41	0 25	23 43	23 44	18 21			n.a.
S 8	16 32	7 39	4 21	15 25	1 7	17 39	1 24	24 23	0 49	17 20	1 31	5 30	2 17	6 42	0 48	21 54	0 12	22 41	0 25	23 43	23 44	18 23			n.a.
M 9	16 14	2 28	4 51	14 38	0 58	17 16	1 25	24 21	0 49	17 22	1 31	5 32	2 17	6 43	0 48	21 54	0 12	22 41	0 24	23 43	23 44	18 24			n.a.
T 10	15 55	2n42	5 6	13 50	0 49	16 53	1 25	24 19	0 50	17 25	1 31	5 34	2 17	6 43	0 48	21 54	0 12	22 41	0 24	23 43	23 44	18 26			n.a.
W11	15 37	7 39	5 6	13 0	0 40	16 30	1 25	24 17	0 51	17 27	1 31	5 36	2 17	6 44	0 48	21 53	0 12	22 41	0 24	23 43	23 44	18 28			n.a.
T 12	15 18	12 14	4 53	12 10	0 29	16 6	1 25	24 14	0 51	17 30	1 31	5 38	2 16	6 45	0 48	21 53	0 12	22 41	0 24	23 43	23 44	18 29			n.a.
F 13	14 59	16 17	4 27	11 18	0 19	15 42	1 25	24 11	0 52	17 32	1 31	5 40	2 16	6 46	0 48	21 53	0 12	22 41	0 24	23 44	23 44	18 31			n.a.
S 14	14 40	19 40	3 49	10 27	0 7	15 17	1 25	24 8	0 53	17 35	1 31	5 43	2 16	6 47	0 48	21 52	0 12	22 41	0 24	23 44	23 44	18 33			n.a.
S 15	14 21	22 14	3 2	9 35	0n 4	14 52	1 25	24 5	0 54	17 37	1 31	5 45	2 16	6 48	0 48	21 52	0 12	22 41	0 24	23 44	23 44	18 34			n.a.
M16	14 1	23 50	2 7	8 43	0 17	14 26	1 25	24 1	0 54	17 39	1 31	5 47	2 15	6 49	0 48	21 51	0 12	22 41	0 24	23 44	23 44	18 36			n.a.
T 17	13 41	24 21	1 5	7 51	0 29	14 0	1 25	23 57	0 55	17 42	1 31	5 49	2 15	6 50	0 48	21 51	0 12	22 41	0 24	23 44	23 44	18 38			n.a.
W18	13 21	23 42	0s 1	7 0	0 42	13 34	1 25	23 53	0 56	17 44	1 31	5 52	2 15	6 51	0 48	21 51	0 12	22 41	0 24	23 44	23 44	18 39			n.a.
T 19	13 1	21 50	1 9	6 10	0 55	13 7	1 25	23 48	0 56	17 46	1 31	5 54	2 15	6 52	0 48	21 50	0 12	22 41	0 24	23 44	23 44	18 41			n.a.
F 20	12 41	18 47	2 14	5 21	1 8	12 40	1 24	23 44	0 57	17 49	1 31	5 56	2 15	6 53	0 48	21 50	0 12	22 41	0 24	23 44	23 44	18 43			n.a.
S 21	12 20	14 41	3 14	4 34	1 21	12 13	1 24	23 39	0 58	17 51	1 31	5 59	2 14	6 54	0 48	21 50	0 12	22 41	0 24	23 44	23 44	18 44			n.a.
S 22	11 59	9 44	4 5	3 49	1 34	11 45	1 23	23 34	0 58	17 53	1 31	6 1	2 14	6 54	0 48	21 50	0 12	22 41	0 23	23 44	23 44	18 46			n.a.
M23	11 38	4 9	4 41	3 5	1 47	11 17	1 23	23 28	0 59	17 55	1 31	6 4	2 14	6 55	0 48	21 49	0 12	22 41	0 23	23 44	23 44	18 48			n.a.
T 24	11 17	1s43	5 1	2 25	1 59	10 49	1 22	23 22	1 0	17 58	1 31	6 6	2 14	6 56	0 48	21 49	0 12	22 41	0 23	23 44	23 44	18 49			n.a.
W25	10 56	7 32	5 2	1 47	2 11	10 21	1 22	23 16	1 0	18 0	1 31	6 9	2 13	6 57	0 48	21 49	0 12	22 42	0 23	23 44	23 44	18 51			n.a.
T 26	10 34	12 58	4 43	1 12	2 23	9 52	1 21	23 10	1 1	18 2	1 31	6 11	2 13	6 58	0 48	21 48	0 12	22 42	0 23	23 44	23 44	18 52			n.a.
F 27	10 13	17 39	4 7	0 40	2 34	9 23	1 20	23 4	1 2	18 4	1 31	6 14	2 13	6 59	0 48	21 48	0 12	22 42	0 23	23 44	23 44	18 54			n.a.
S 28	9s51	21s15	3s15	0s11	2n44	8s54	1s19	22s57	1s 2	18n 6	1n31	6n16	2s13	7n 0	0n48	21s48	0s12	22n42	0s23	23s44	23s44	18n56			n.a.

Julian Day Number = 1612609.5, Delta T = 03h52m21s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'04, Lahiri = - 8°04'03 Julian Calendar 1 Feb. 298 BCE == Greg. Calendar 28 Jan. 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

MARCH 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 15 17	5♓50'02	4♐44	23♓59	11♓51	22♑43	14°R30	21♈11	14°R13	23♑54	16°R54	0°D15	29♐25	10♉58	n.a.	S 1
M 2	10 19 13	6°49'06	18°41	24°34	13° 6	23°29	14♌23	21°17	14♍11	23°56	16♊54	0♑15	29°22	11° 4	n.a.	M 2
T 3	10 23 10	7°48'08	2♑25	25° 0	14°20	24°16	14°16	21°23	14° 8	23°58	16°54	0°R16	29°19	11°11	n.a.	T 3
W 4	10 27 6	8°47'09	15°58	25°20	15°34	25° 2	14°10	21°30	14° 6	23°59	16°54	0°15	29°15	11°18	n.a.	W 4
T 5	10 31 3	9°46'08	29°20	25°33	16°49	25°48	14° 3	21°36	14° 3	24° 1	16°D54	0°11	29°12	11°25	n.a.	T 5
F 6	10 35 0	10°45'04	12♒31	25°R39	18° 3	26°34	13°57	21°43	14° 0	24° 3	16°54	0° 5	29° 9	11°31	n.a.	F 6
S 7	10 38 56	11°43'59	25°31	25°38	19°17	27°20	13°51	21°50	13°58	24° 5	16°54	29♐56	29° 6	11°38	n.a.	S 7
S 8	10 42 53	12°42'51	8♓19	25°30	20°31	28° 7	13°45	21°56	13°55	24° 6	16°54	29°45	29° 3	11°45	n.a.	S 8
M 9	10 46 49	13°41'42	20°56	25°16	21°46	28°53	13°39	22° 3	13°53	24° 8	16°54	29°32	29° 0	11°51	n.a.	M 9
T 10	10 50 46	14°40'30	3♈20	24°56	23° 0	29°39	13°33	22°10	13°50	24° 9	16°54	29°19	28°56	11°58	n.a.	T 10
W11	10 54 42	15°39'16	15°32	24°31	24°14	0♒25	13°27	22°17	13°48	24°11	16°54	29° 7	28°53	12° 5	n.a.	W11
T 12	10 58 39	16°38'00	27°34	24° 0	25°28	1°11	13°21	22°24	13°45	24°13	16°54	28°56	28°50	12°11	n.a.	T 12
F 13	11 2 35	17°36'42	9♉29	23°26	26°42	1°58	13°16	22°30	13°42	24°14	16°54	28°48	28°47	12°18	n.a.	F 13
S 14	11 6 32	18°35'21	21°18	22°48	27°56	2°44	13°11	22°37	13°40	24°16	16°55	28°43	28°44	12°25	n.a.	S 14
S 15	11 10 28	19°33'58	3♊ 7	22° 8	29°10	3°30	13° 6	22°44	13°37	24°17	16°55	28°40	28°40	12°31	n.a.	S 15
M16	11 14 25	20°32'33	15° 1	21°25	0♈24	4°16	13° 1	22°52	13°35	24°19	16°55	28°39	28°37	12°38	n.a.	M16
T 17	11 18 22	21°31'06	27° 4	20°42	1°38	5° 2	12°56	22°59	13°32	24°20	16°55	28°39	28°34	12°45	n.a.	T 17
W18	11 22 18	22°29'36	9♋22	19°58	2°52	5°48	12°51	23° 6	13°30	24°22	16°56	28°39	28°31	12°51	n.a.	W18
T 19	11 26 15	23°28'04	22° 1	19°15	4° 6	6°34	12°47	23°13	13°27	24°23	16°56	28°37	28°28	12°58	n.a.	T 19
F 20	11 30 11	24°26'30	5♌ 4	18°33	5°20	7°20	12°42	23°20	13°25	24°24	16°56	28°34	28°25	13° 5	n.a.	F 20
S 21	11 34 8	25°24'54	18°35	17°53	6°34	8° 6	12°38	23°27	13°22	24°26	16°57	28°27	28°21	13°12	n.a.	S 21
S 22	11 38 4	26°23'15	2♍33	17°15	7°48	8°52	12°34	23°35	13°20	24°27	16°57	28°18	28°18	13°18	n.a.	S 22
M23	11 42 1	27°21'34	16°56	16°41	9° 2	9°38	12°30	23°42	13°17	24°28	16°57	28° 8	28°15	13°25	n.a.	M23
T 24	11 45 57	28°19'52	1♎39	16°11	10°16	10°24	12°26	23°49	13°15	24°29	16°58	27°56	28°12	13°32	n.a.	T 24
W25	11 49 54	29°18'07	16°33	15°45	11°30	11°10	12°23	23°57	13°12	24°31	16°58	27°45	28° 9	13°38	n.a.	W25
T 26	11 53 51	0♈16'21	1♏30	15°23	12°43	11°56	12°20	24° 4	13°10	24°32	16°59	27°36	28° 5	13°45	n.a.	T 26
F 27	11 57 47	1°14'33	16°20	15° 5	13°57	12°42	12°16	24°12	13° 7	24°33	16°59	27°29	28° 2	13°52	n.a.	F 27
S 28	12 1 44	2°12'43	0♐57	14°53	15°11	13°28	12°13	24°19	13° 5	24°34	17° 0	27°25	27°59	13°58	n.a.	S 28
S 29	12 5 40	3°10'52	15°17	14°45	16°25	14°14	12°11	24°27	13° 3	24°35	17° 0	27°24	27°56	14° 5	n.a.	S 29
M30	12 9 37	4° 8'59	29°16	14°D43	17°39	15° 0	12° 8	24°34	13° 0	24°36	17° 1	27°23	27°53	14°12	n.a.	M30
T 31	12 13 33	5♈ 7'05	12♑57	14♓45	18♈52	15♒45	12♌ 5	24♈42	12♍58	24♑37	17♊ 2	27♐23	27♐50	14♉18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	9s29	23s30	2s12	0n14	2n53	8s24	1s18	22s50	1s 3	18n 8	1n31	6n19	2s13	7n 1	0n48	21s47	0s12	22n42	0s23	23s44	23s44	18n57			n.a.
M 2	9 7	24 16	1 1	0 35	3 2	7 54	1 17	22 42	1 4	18 10	1 31	6 21	2 12	7 2	0 48	21 47	0 12	22 42	0 23	23 44	23 44	18 59			n.a.
T 3	8 45	23 31	0n11	0 53	3 9	7 25	1 16	22 35	1 4	18 12	1 31	6 24	2 12	7 3	0 48	21 47	0 12	22 42	0 23	23 44	23 44	19 0			n.a.
W 4	8 22	21 24	1 23	1 7	3 16	6 54	1 15	22 27	1 5	18 14	1 31	6 27	2 12	7 4	0 48	21 46	0 12	22 42	0 23	23 44	23 44	19 2			n.a.
T 5	8 0	18 8	2 28	1 17	3 21	6 24	1 14	22 19	1 6	18 16	1 31	6 29	2 12	7 5	0 48	21 46	0 12	22 42	0 23	23 44	23 44	19 3			n.a.
F 6	7 37	13 59	3 24	1 22	3 25	5 54	1 13	22 11	1 6	18 17	1 31	6 32	2 12	7 6	0 48	21 46	0 12	22 42	0 23	23 44	23 44	19 5			n.a.
S 7	7 15	9 16	4 9	1 24	3 27	5 23	1 12	22 2	1 7	18 19	1 31	6 35	2 11	7 7	0 48	21 46	0 12	22 42	0 23	23 44	23 44	19 7			n.a.
S 8	6 52	4 13	4 40	1 22	3 28	4 52	1 10	21 54	1 8	18 21	1 31	6 37	2 11	7 8	0 48	21 45	0 12	22 42	0 22	23 44	23 44	19 8			n.a.
M 9	6 29	0n55	4 58	1 16	3 28	4 22	1 9	21 45	1 8	18 22	1 30	6 40	2 11	7 9	0 48	21 45	0 12	22 42	0 22	23 44	23 44	19 10			n.a.
T 10	6 6	5 55	5 0	1 6	3 25	3 51	1 7	21 36	1 9	18 24	1 30	6 43	2 11	7 10	0 48	21 45	0 12	22 42	0 22	23 44	23 44	19 11			n.a.
W11	5 43	10 37	4 49	0 52	3 22	3 20	1 6	21 26	1 10	18 26	1 30	6 45	2 11	7 11	0 48	21 44	0 12	22 43	0 22	23 44	23 44	19 13			n.a.
T 12	5 20	14 51	4 25	0 36	3 17	2 48	1 4	21 17	1 10	18 27	1 30	6 48	2 11	7 12	0 48	21 44	0 12	22 43	0 22	23 44	23 44	19 14			n.a.
F 13	4 57	18 26	3 49	0 16	3 10	2 17	1 3	21 7	1 11	18 29	1 30	6 51	2 10	7 13	0 48	21 44	0 12	22 43	0 22	23 44	23 44	19 16			n.a.
S 14	4 34	21 16	3 4	0s 7	3 1	1 46	1 1	20 57	1 11	18 30	1 30	6 54	2 10	7 14	0 48	21 44	0 12	22 43	0 22	23 44	23 44	19 17			n.a.
S 15	4 11	23 11	2 11	0 32	2 52	1 15	1 0	20 47	1 12	18 32	1 30	6 56	2 10	7 15	0 48	21 43	0 12	22 43	0 22	23 43	23 43	19 19			n.a.
M16	3 47	24 4	1 12	0 59	2 40	0 43	0 58	20 36	1 13	18 33	1 30	6 59	2 10	7 16	0 48	21 43	0 12	22 43	0 22	23 43	23 43	19 20			n.a.
T 17	3 24	23 50	0 8	1 28	2 28	0 12	0 56	20 25	1 13	18 34	1 30	7 2	2 10	7 17	0 48	21 43	0 12	22 43	0 22	23 43	23 43	19 22			n.a.
W18	3 1	22 27	0s56	1 58	2 14	0n20	0 54	20 14	1 14	18 35	1 30	7 5	2 10	7 18	0 48	21 43	0 12	22 43	0 22	23 43	23 43	19 23			n.a.
T 19	2 37	19 56	2 0	2 28	2 0	0 51	0 52	20 3	1 14	18 37	1 29	7 8	2 9	7 19	0 48	21 43	0 13	22 43	0 22	23 43	23 43	19 25			n.a.
F 20	2 14	16 19	3 0	2 59	1 45	1 22	0 51	19 52	1 15	18 38	1 29	7 10	2 9	7 20	0 48	21 42	0 13	22 43	0 22	23 43	23 43	19 26			n.a.
S 21	1 51	11 46	3 51	3 29	1 29	1 54	0 49	19 41	1 16	18 39	1 29	7 13	2 9	7 21	0 48	21 42	0 13	22 43	0 22	23 43	23 43	19 28			n.a.
S 22	1 27	6 29	4 31	3 58	1 13	2 25	0 47	19 29	1 16	18 40	1 29	7 16	2 9	7 22	0 48	21 42	0 13	22 44	0 21	23 43	23 43	19 29			n.a.
M23	1 4	0 42	4 55	4 27	0 57	2 57	0 45	19 17	1 17	18 41	1 29	7 19	2 9	7 23	0 48	21 42	0 13	22 44	0 21	23 43	23 43	19 31			n.a.
T 24	0 40	5s14	5 0	4 54	0 40	3 28	0 42	19 5	1 17	18 42	1 29	7 22	2 9	7 24	0 48	21 41	0 13	22 44	0 21	23 43	23 43	19 32			n.a.
W25	0 17	10 57	4 45	5 19	0 24	3 59	0 40	18 53	1 18	18 42	1 29	7 25	2 9	7 25	0 48	21 41	0 13	22 44	0 21	23 43	23 43	19 34			n.a.
T 26	0n 7	16 2	4 10	5 43	0 8	4 30	0 38	18 40	1 18	18 43	1 28	7 28	2 9	7 26	0 48	21 41	0 13	22 44	0 21	23 43	23 43	19 35			n.a.
F 27	0 30	20 6	3 19	6 4	0s 8	5 1	0 36	18 28	1 19	18 44	1 28	7 30	2 8	7 27	0 48	21 41	0 13	22 44	0 21	23 42	23 43	19 37			n.a.
S 28	0 53	22 48	2 15	6 23	0 24	5 32	0 34	18 15	1 19	18 45	1 28	7 33	2 8	7 28	0 48	21 41	0 13	22 44	0 21	23 42	23 43	19 38			n.a.
S 29	1 17	23 58	1 4	6 40	0 38	6 3	0 32	18 2	1 20	18 45	1 28	7 36	2 8	7 29	0 48	21 40	0 13	22 44	0 21	23 42	23 43	19 40			n.a.
M30	1 40	23 34	0n10	6 54	0 53	6 33	0 29	17 49	1 20	18 46	1 28	7 39	2 8	7 30	0 48	21 40	0 13	22 45	0 21	23 42	23 43	19 41			n.a.
T 31	2n 3	21s45	1n21	7s 6	1s 6	7n 4	0s27	17s36	1s21	18n47	1n28	7n42	2s 8	7n31	0n48	21s40	0s13	22n45	0s21	23s42	23s43	19n42			n.a.

Julian Day Number = 1612637.5, Delta T = 03h52m20s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°11'00, Lahiri = - 8°04'00 Julian Calendar 1 March 298 BCE == Greg. Calendar 25 Feb. 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

APRIL 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 17 30	6♈ 5'10	26♑20	14♓52	20♈ 6	16♒31	12°R 3	24♈50	12°R56	24♑38	17♊ 2	27°R22	27♐46	14♉25	n.a.	W 1
T 2	12 21 26	7° 3'12	9♒27	15° 4	21°20	17°17	12♌ 1	24°57	12♍53	24°39	17° 3	27♐19	27°43	14°32	n.a.	T 2
F 3	12 25 23	8° 1'14	22°20	15°20	22°33	18° 3	11°59	25° 5	12°51	24°40	17° 4	27°13	27°40	14°38	n.a.	F 3
S 4	12 29 20	8°59'14	5♓ 1	15°41	23°47	18°49	11°57	25°12	12°49	24°41	17° 4	27° 4	27°37	14°45	n.a.	S 4
S 5	12 33 16	9°57'12	17°32	16° 6	25° 1	19°34	11°56	25°20	12°47	24°42	17° 5	26°53	27°34	14°52	n.a.	S 5
M 6	12 37 13	10°55'08	29°52	16°36	26°14	20°20	11°54	25°28	12°44	24°43	17° 6	26°40	27°31	14°58	n.a.	M 6
T 7	12 41 9	11°53'03	12♈ 4	17°10	27°28	21° 5	11°53	25°36	12°42	24°44	17° 7	26°27	27°27	15° 5	n.a.	T 7
W 8	12 45 6	12°50'57	24° 7	17°47	28°41	21°51	11°52	25°43	12°40	24°45	17° 7	26°14	27°24	15°12	n.a.	W 8
T 9	12 49 2	13°48'48	6♉ 3	18°29	29°55	22°37	11°51	25°51	12°38	24°45	17° 8	26° 3	27°21	15°18	n.a.	T 9
F 10	12 52 59	14°46'38	17°54	19°14	1♉ 8	23°22	11°51	25°59	12°36	24°46	17° 9	25°55	27°18	15°25	n.a.	F 10
S 11	12 56 55	15°44'27	29°42	20° 2	2°22	24° 8	11°50	26° 7	12°34	24°47	17°10	25°49	27°15	15°32	n.a.	S 11
S 12	13 0 52	16°42'13	11♊30	20°54	3°35	24°53	11°50	26°15	12°32	24°48	17°11	25°46	27°11	15°39	n.a.	S 12
M13	13 4 48	17°39'58	23°23	21°50	4°49	25°38	11°D50	26°22	12°30	24°48	17°11	25°D45	27° 8	15°45	n.a.	M13
T 14	13 8 45	18°37'42	5♋25	22°48	6° 2	26°24	11°50	26°30	12°28	24°49	17°12	25°45	27° 5	15°52	n.a.	T 14
W15	13 12 42	19°35'23	17°42	23°50	7°15	27° 9	11°50	26°38	12°26	24°49	17°13	25°R46	27° 2	15°59	n.a.	W15
T 16	13 16 38	20°33'03	0♌18	24°54	8°29	27°54	11°51	26°46	12°24	24°50	17°14	25°45	26°59	16° 5	n.a.	T 16
F 17	13 20 35	21°30'41	13°18	26° 1	9°42	28°40	11°51	26°54	12°22	24°50	17°15	25°43	26°56	16°12	n.a.	F 17
S 18	13 24 31	22°28'18	26°46	27°12	10°55	29°25	11°52	27° 2	12°21	24°51	17°16	25°39	26°52	16°19	n.a.	S 18
S 19	13 28 28	23°25'52	10♍44	28°24	12° 9	0♓10	11°53	27° 9	12°19	24°51	17°17	25°33	26°49	16°25	n.a.	S 19
M20	13 32 24	24°23'25	25°11	29°40	13°22	0°55	11°54	27°17	12°17	24°52	17°18	25°25	26°46	16°32	n.a.	M20
T 21	13 36 21	25°20'57	10♎ 1	0♈58	14°35	1°40	11°55	27°25	12°16	24°52	17°19	25°16	26°43	16°39	n.a.	T 21
W22	13 40 17	26°18'27	25° 7	2°19	15°48	2°25	11°57	27°33	12°14	24°53	17°20	25° 7	26°40	16°45	n.a.	W22
T 23	13 44 14	27°15'57	10♏20	3°42	17° 1	3°10	11°59	27°41	12°12	24°53	17°21	25° 0	26°37	16°52	n.a.	T 23
F 24	13 48 11	28°13'25	25°28	5° 8	18°15	3°55	12° 1	27°49	12°11	24°53	17°22	24°54	26°33	16°59	n.a.	F 24
S 25	13 52 7	29°10'52	10♐23	6°36	19°28	4°40	12° 3	27°57	12° 9	24°53	17°24	24°52	26°30	17° 5	n.a.	S 25
S 26	13 56 4	0♉ 8'18	24°58	8° 7	20°41	5°25	12° 5	28° 5	12° 8	24°54	17°25	24°D51	26°27	17°12	n.a.	S 26
M27	14 0 0	1° 5'43	9♑10	9°40	21°54	6°10	12° 7	28°13	12° 6	24°54	17°26	24°51	26°24	17°19	n.a.	M27
T 28	14 3 57	2° 3'08	22°57	11°15	23° 7	6°54	12°10	28°20	12° 5	24°54	17°27	24°52	26°21	17°25	n.a.	T 28
W29	14 7 53	3° 0'31	6♒20	12°53	24°20	7°39	12°13	28°28	12° 4	24°54	17°28	24°R52	26°17	17°32	n.a.	W29
T 30	14 11 50	3♉57'54	19♒23	14♈34	25♉33	8♓24	12♌15	28♈36	12♍ 2	24♑54	17♊29	24♐51	26♐14	17♉39	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n27	18s45	2n27	7s15	1s19	7n34	0s25	17s22	1s21	18n47	1n27	7n45	2s 8	7n31	0n48	21s40	0s13	22n45	0s21	23s42	23s43	19n44		n.a.
T 2	2 50	14 51	3 23	7 21	1 31	8 4	0 22	17 8	1 22	18 47	1 27	7 48	2 8	7 32	0 48	21 40	0 13	22 45	0 21	23 42	23 43	19 45		n.a.
F 3	3 13	10 20	4 8	7 25	1 43	8 34	0 20	16 55	1 22	18 48	1 27	7 51	2 8	7 33	0 48	21 40	0 13	22 45	0 21	23 42	23 43	19 47		n.a.
S 4	3 36	5 27	4 39	7 27	1 53	9 4	0 18	16 41	1 23	18 48	1 27	7 54	2 8	7 34	0 48	21 40	0 13	22 45	0 21	23 42	23 43	19 48		n.a.
S 5	3 59	0 26	4 57	7 26	2 3	9 34	0 15	16 27	1 23	18 48	1 27	7 57	2 7	7 35	0 48	21 39	0 13	22 45	0 20	23 42	23 43	19 50		n.a.
M 6	4 22	4n32	5 0	7 23	2 12	10 3	0 13	16 12	1 24	18 49	1 26	7 59	2 7	7 36	0 48	21 39	0 13	22 46	0 20	23 41	23 42	19 51		n.a.
T 7	4 45	9 16	4 50	7 17	2 21	10 32	0 10	15 58	1 24	18 49	1 26	8 2	2 7	7 36	0 48	21 39	0 13	22 46	0 20	23 41	23 42	19 52		n.a.
W 8	5 8	13 35	4 26	7 9	2 28	11 1	0 8	15 44	1 25	18 49	1 26	8 5	2 7	7 37	0 48	21 39	0 13	22 46	0 20	23 41	23 42	19 54		n.a.
T 9	5 31	17 20	3 52	6 59	2 35	11 30	0 5	15 29	1 25	18 49	1 26	8 8	2 7	7 38	0 48	21 39	0 13	22 46	0 20	23 40	23 42	19 55		n.a.
F 10	5 54	20 21	3 7	6 46	2 41	11 58	0 3	15 14	1 26	18 49	1 26	8 11	2 7	7 39	0 48	21 39	0 13	22 46	0 20	23 40	23 42	19 56		n.a.
S 11	6 16	22 31	2 14	6 31	2 46	12 26	0 0	14 59	1 26	18 49	1 26	8 14	2 7	7 40	0 48	21 39	0 13	22 46	0 20	23 40	23 42	19 58		n.a.
S 12	6 39	23 41	1 15	6 15	2 50	12 54	0n 2	14 44	1 26	18 49	1 25	8 17	2 7	7 40	0 48	21 39	0 13	22 46	0 20	23 40	23 42	19 59		n.a.
M13	7 1	23 46	0 13	5 56	2 54	13 22	0 5	14 29	1 27	18 49	1 25	8 20	2 7	7 41	0 48	21 38	0 13	22 47	0 20	23 40	23 42	20 1		n.a.
T 14	7 23	22 46	0s51	5 35	2 56	13 49	0 7	14 14	1 27	18 49	1 25	8 23	2 7	7 42	0 48	21 38	0 13	22 47	0 20	23 40	23 42	20 2		n.a.
W15	7 45	20 39	1 54	5 12	2 59	14 15	0 10	13 59	1 28	18 48	1 25	8 26	2 7	7 42	0 48	21 38	0 13	22 47	0 20	23 40	23 42	20 3		n.a.
T 16	8 7	17 31	2 53	4 48	3 0	14 42	0 13	13 43	1 28	18 48	1 25	8 29	2 7	7 43	0 48	21 38	0 13	22 47	0 20	23 40	23 42	20 5		n.a.
F 17	8 29	13 26	3 45	4 22	3 1	15 8	0 15	13 28	1 28	18 48	1 24	8 32	2 6	7 44	0 48	21 38	0 13	22 47	0 20	23 40	23 42	20 6		n.a.
S 18	8 51	8 34	4 27	3 53	3 1	15 34	0 18	13 12	1 29	18 47	1 24	8 34	2 6	7 45	0 48	21 38	0 13	22 47	0 20	23 40	23 42	20 7		n.a.
S 19	9 13	3 6	4 54	3 23	3 0	15 59	0 20	12 56	1 29	18 47	1 24	8 37	2 6	7 45	0 48	21 38	0 13	22 48	0 19	23 39	23 42	20 9		n.a.
M20	9 34	2s43	5 4	2 52	2 59	16 24	0 23	12 40	1 30	18 46	1 24	8 40	2 6	7 46	0 47	21 38	0 13	22 48	0 19	23 39	23 41	20 10		n.a.
T 21	9 55	8 31	4 55	2 19	2 57	16 49	0 25	12 24	1 30	18 46	1 24	8 43	2 6	7 46	0 47	21 38	0 13	22 48	0 19	23 39	23 41	20 11		n.a.
W22	10 16	13 55	4 24	1 44	2 55	17 13	0 28	12 8	1 30	18 45	1 23	8 46	2 6	7 47	0 47	21 38	0 13	22 48	0 19	23 38	23 41	20 13		n.a.
T 23	10 37	18 29	3 35	1 8	2 51	17 37	0 30	11 52	1 31	18 44	1 23	8 49	2 6	7 48	0 47	21 38	0 13	22 48	0 19	23 38	23 41	20 14		n.a.
F 24	10 58	21 48	2 31	0 30	2 48	18 0	0 33	11 36	1 31	18 44	1 23	8 52	2 6	7 48	0 47	21 38	0 13	22 48	0 19	23 38	23 41	20 15		n.a.
S 25	11 19	23 33	1 17	0n10	2 43	18 23	0 35	11 20	1 31	18 43	1 23	8 55	2 6	7 49	0 47	21 38	0 13	22 49	0 19	23 38	23 41	20 17		n.a.
S 26	11 39	23 37	0n 1	0 50	2 38	18 45	0 38	11 3	1 32	18 42	1 23	8 58	2 6	7 49	0 47	21 38	0 13	22 49	0 19	23 38	23 41	20 18		n.a.
M27	12 0	22 9	1 16	1 32	2 33	19 7	0 40	10 47	1 32	18 41	1 22	9 0	2 6	7 50	0 47	21 38	0 13	22 49	0 19	23 38	23 41	20 19		n.a.
T 28	12 20	19 22	2 25	2 16	2 27	19 28	0 43	10 30	1 32	18 40	1 22	9 3	2 6	7 50	0 47	21 38	0 13	22 49	0 19	23 38	23 41	20 20		n.a.
W29	12 40	15 37	3 24	3 0	2 20	19 49	0 45	10 14	1 32	18 39	1 22	9 6	2 6	7 51	0 47	21 38	0 13	22 49	0 19	23 38	23 41	20 22		n.a.
T 30	13n 0	11s13	4n11	3n46	2s13	20n 9	0n48	9s57	1s33	18n38	1n22	9n 9	2s 6	7n51	0n47	21s38	0s13	22n49	0s19	23s38	23s41	20n23		n.a.

Julian Day Number = 1612668.5, Delta T = 03h52m19s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'56, Lahiri = - 8°03'55 Julian Calendar 1 Apr. 298 BCE == Greg. Calendar 28 March 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

MAY 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 15 46	4♉55'16	2♓ 8	16♈16	26♉46	9♓ 8	12♌18	28♈44	12°R 1	24♑54	17♊31	24°R48	26♐11	17♉45	n.a.	F 1
S 2	14 19 43	5°52'37	14°38	18° 1	27°59	9°53	12°22	28°52	12♍ 0	24°R54	17°32	24♐43	26° 8	17°52	n.a.	S 2
S 3	14 23 40	6°49'58	26°56	19°49	29°12	10°37	12°25	29° 0	11°59	24°54	17°33	24°36	26° 5	17°59	n.a.	S 3
M 4	14 27 36	7°47'18	9♈ 4	21°39	0♊25	11°22	12°29	29° 8	11°58	24°54	17°34	24°27	26° 2	18° 5	n.a.	M 4
T 5	14 31 33	8°44'37	21° 5	23°31	1°37	12° 6	12°32	29°15	11°57	24°54	17°36	24°19	25°58	18°12	n.a.	T 5
W 6	14 35 29	9°41'55	3♉ 0	25°25	2°50	12°51	12°36	29°23	11°56	24°54	17°37	24°11	25°55	18°19	n.a.	W 6
T 7	14 39 26	10°39'12	14°51	27°22	4° 3	13°35	12°40	29°31	11°55	24°54	17°38	24° 4	25°52	18°25	n.a.	T 7
F 8	14 43 22	11°36'29	26°39	29°21	5°16	14°19	12°45	29°39	11°54	24°54	17°39	23°58	25°49	18°32	n.a.	F 8
S 9	14 47 19	12°33'45	8♊28	1♉21	6°29	15° 3	12°49	29°47	11°53	24°54	17°41	23°55	25°46	18°39	n.a.	S 9
S 10	14 51 15	13°31'00	20°18	3°24	7°42	15°47	12°54	29°54	11°52	24°53	17°42	23°D54	25°42	18°45	n.a.	S 10
M11	14 55 12	14°28'14	2♋14	5°29	8°54	16°31	12°58	0♉ 2	11°52	24°53	17°43	23°54	25°39	18°52	n.a.	M11
T 12	14 59 9	15°25'28	14°19	7°35	10° 7	17°15	13° 3	0°10	11°51	24°53	17°45	23°55	25°36	18°59	n.a.	T 12
W13	15 3 5	16°22'40	26°38	9°43	11°20	17°59	13° 8	0°17	11°50	24°53	17°46	23°57	25°33	19° 5	n.a.	W13
T 14	15 7 2	17°19'52	9♌13	11°52	12°32	18°43	13°13	0°25	11°50	24°52	17°48	23°58	25°30	19°12	n.a.	T 14
F 15	15 10 58	18°17'02	22°11	14° 2	13°45	19°27	13°19	0°33	11°49	24°52	17°49	23°R58	25°27	19°19	n.a.	F 15
S 16	15 14 55	19°14'12	5♍34	16°13	14°57	20°10	13°24	0°40	11°49	24°51	17°50	23°57	25°23	19°26	n.a.	S 16
S 17	15 18 51	20°11'21	19°25	18°24	16°10	20°54	13°30	0°48	11°48	24°51	17°52	23°55	25°20	19°32	n.a.	S 17
M18	15 22 48	21° 8'30	3♎44	20°35	17°22	21°37	13°35	0°56	11°48	24°50	17°53	23°51	25°17	19°39	n.a.	M18
T 19	15 26 44	22° 5'37	18°27	22°47	18°35	22°21	13°41	1° 3	11°47	24°50	17°55	23°47	25°14	19°46	n.a.	T 19
W20	15 30 41	23° 2'44	3♏30	24°58	19°47	23° 4	13°47	1°11	11°47	24°49	17°56	23°42	25°11	19°52	n.a.	W20
T 21	15 34 38	23°59'51	18°43	27° 8	21° 0	23°47	13°54	1°18	11°47	24°49	17°58	23°39	25° 8	19°59	n.a.	T 21
F 22	15 38 34	24°56'57	3♐56	29°18	22°12	24°31	14° 0	1°26	11°47	24°48	17°59	23°36	25° 4	20° 6	n.a.	F 22
S 23	15 42 31	25°54'03	19° 1	1♊27	23°25	25°14	14° 6	1°33	11°46	24°48	18° 0	23°D35	25° 1	20°12	n.a.	S 23
S 24	15 46 27	26°51'09	3♑47	3°34	24°37	25°57	14°13	1°41	11°46	24°47	18° 2	23°36	24°58	20°19	n.a.	S 24
M25	15 50 24	27°48'15	18°11	5°41	25°49	26°40	14°20	1°48	11°D46	24°46	18° 3	23°37	24°55	20°26	n.a.	M25
T 26	15 54 20	28°45'21	2♒ 8	7°45	27° 1	27°23	14°27	1°55	11°46	24°46	18° 5	23°38	24°52	20°32	n.a.	T 26
W27	15 58 17	29°42'27	15°39	9°48	28°14	28° 6	14°34	2° 3	11°46	24°45	18° 6	23°39	24°48	20°39	n.a.	W27
T 28	16 2 14	0♊39'33	28°45	11°49	29°26	28°49	14°41	2°10	11°47	24°44	18° 8	23°R40	24°45	20°46	n.a.	T 28
F 29	16 6 10	1°36'39	11♓30	13°48	0♋38	29°31	14°48	2°17	11°47	24°43	18°10	23°40	24°42	20°52	n.a.	F 29
S 30	16 10 7	2°33'46	23°56	15°46	1°50	0♈14	14°55	2°24	11°47	24°42	18°11	23°38	24°39	20°59	n.a.	S 30
S 31	16 14 3	3♊30'52	6♈ 8	17♊41	3♋ 2	0♈57	15♌ 3	2♉31	11♍47	24♑42	18♊13	23♐36	24♐36	21♉ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n19	6s26	4n44	4n33	2s 5	20n29	0n50	9s40	1s33	18n37	1n22	9n12	2s 6	7n52	0n47	21s38	0s13	22n50	0s19	23s38	23s41	20n24		n.a.
S 2	13 39	1 28	5 3	5 21	1 57	20 48	0 52	9 23	1 33	18 36	1 21	9 15	2 6	7 52	0 47	21 38	0 13	22 50	0 19	23 37	23 40	20 25		n.a.
S 3	13 58	3n27	5 7	6 10	1 49	21 7	0 55	9 7	1 33	18 35	1 21	9 17	2 6	7 52	0 47	21 38	0 13	22 50	0 19	23 37	23 40	20 27		n.a.
M 4	14 17	8 11	4 58	7 0	1 40	21 25	0 57	8 50	1 34	18 34	1 21	9 20	2 6	7 53	0 47	21 38	0 13	22 50	0 18	23 37	23 40	20 28		n.a.
T 5	14 35	12 34	4 35	7 51	1 30	21 42	0 59	8 33	1 34	18 32	1 21	9 23	2 6	7 53	0 47	21 38	0 13	22 50	0 18	23 36	23 40	20 29		n.a.
W 6	14 54	16 25	4 0	8 42	1 20	21 59	1 2	8 16	1 34	18 31	1 21	9 26	2 6	7 54	0 47	21 38	0 13	22 51	0 18	23 36	23 40	20 30		n.a.
T 7	15 12	19 36	3 16	9 34	1 10	22 16	1 4	7 59	1 34	18 30	1 21	9 29	2 6	7 54	0 47	21 38	0 13	22 51	0 18	23 36	23 40	20 32		n.a.
F 8	15 30	21 57	2 22	10 26	1 0	22 31	1 6	7 42	1 35	18 28	1 20	9 31	2 6	7 54	0 47	21 38	0 13	22 51	0 18	23 36	23 40	20 33		n.a.
S 9	15 48	23 21	1 23	11 19	0 50	22 46	1 8	7 25	1 35	18 27	1 20	9 34	2 6	7 54	0 47	21 38	0 13	22 51	0 18	23 35	23 40	20 34		n.a.
S 10	16 5	23 42	0 20	12 11	0 39	23 1	1 10	7 8	1 35	18 25	1 20	9 37	2 6	7 55	0 47	21 38	0 14	22 51	0 18	23 35	23 40	20 35		n.a.
M11	16 23	22 57	0s45	13 4	0 28	23 15	1 12	6 50	1 35	18 24	1 20	9 39	2 6	7 55	0 47	21 38	0 14	22 51	0 18	23 35	23 40	20 36		n.a.
T 12	16 40	21 9	1 49	13 56	0 17	23 28	1 14	6 33	1 35	18 22	1 20	9 42	2 6	7 55	0 47	21 38	0 14	22 52	0 18	23 35	23 39	20 38		n.a.
W13	16 56	18 19	2 49	14 48	0 6	23 40	1 16	6 16	1 35	18 21	1 19	9 45	2 6	7 55	0 47	21 38	0 14	22 52	0 18	23 35	23 39	20 39		n.a.
T 14	17 13	14 36	3 42	15 39	0n 4	23 52	1 18	5 59	1 36	18 19	1 19	9 48	2 6	7 56	0 47	21 38	0 14	22 52	0 18	23 36	23 39	20 40		n.a.
F 15	17 29	10 6	4 26	16 29	0 15	24 3	1 20	5 42	1 36	18 17	1 19	9 50	2 6	7 56	0 47	21 38	0 14	22 52	0 18	23 36	23 39	20 41		n.a.
S 16	17 45	4 59	4 57	17 18	0 25	24 14	1 22	5 24	1 36	18 16	1 19	9 53	2 6	7 56	0 47	21 38	0 14	22 52	0 18	23 35	23 39	20 42		n.a.
S 17	18 0	0s32	5 11	18 5	0 35	24 23	1 24	5 7	1 36	18 14	1 19	9 56	2 6	7 56	0 46	21 39	0 14	22 53	0 18	23 35	23 39	20 44		n.a.
M18	18 16	6 12	5 8	18 50	0 45	24 32	1 25	4 50	1 36	18 12	1 19	9 58	2 6	7 56	0 46	21 39	0 14	22 53	0 18	23 35	23 39	20 45		n.a.
T 19	18 31	11 41	4 44	19 34	0 54	24 41	1 27	4 33	1 36	18 10	1 18	10 1	2 6	7 56	0 46	21 39	0 14	22 53	0 17	23 35	23 39	20 46		n.a.
W20	18 46	16 36	4 1	20 16	1 3	24 48	1 29	4 15	1 36	18 8	1 18	10 3	2 6	7 56	0 46	21 39	0 14	22 53	0 17	23 35	23 39	20 47		n.a.
T 21	19 0	20 29	3 0	20 55	1 11	24 55	1 30	3 58	1 36	18 6	1 18	10 6	2 6	7 56	0 46	21 39	0 14	22 53	0 17	23 35	23 38	20 48		n.a.
F 22	19 14	22 56	1 46	21 32	1 19	25 2	1 32	3 41	1 36	18 4	1 18	10 9	2 6	7 56	0 46	21 39	0 14	22 54	0 17	23 34	23 38	20 49		n.a.
S 23	19 28	23 41	0 25	22 6	1 26	25 7	1 33	3 23	1 37	18 2	1 18	10 11	2 6	7 56	0 46	21 39	0 14	22 54	0 17	23 34	23 38	20 51		n.a.
S 24	19 41	22 45	0n56	22 38	1 33	25 12	1 35	3 6	1 37	18 0	1 17	10 14	2 6	7 56	0 46	21 39	0 14	22 54	0 17	23 34	23 38	20 52		n.a.
M25	19 55	20 19	2 11	23 7	1 38	25 16	1 36	2 49	1 37	17 58	1 17	10 16	2 6	7 56	0 46	21 40	0 14	22 54	0 17	23 34	23 38	20 53		n.a.
T 26	20 8	16 44	3 16	23 34	1 43	25 19	1 37	2 32	1 37	17 56	1 17	10 19	2 6	7 56	0 46	21 40	0 14	22 54	0 17	23 35	23 38	20 54		n.a.
W27	20 20	12 23	4 9	23 58	1 48	25 22	1 39	2 14	1 37	17 53	1 17	10 21	2 6	7 56	0 46	21 40	0 14	22 55	0 17	23 35	23 38	20 55		n.a.
T 28	20 32	7 35	4 46	24 19	1 51	25 23	1 40	1 57	1 37	17 51	1 17	10 24	2 7	7 56	0 46	21 40	0 14	22 55	0 17	23 35	23 38	20 56		n.a.
F 29	20 44	2 36	5 8	24 37	1 54	25 24	1 41	1 40	1 37	17 49	1 17	10 26	2 7	7 56	0 46	21 40	0 14	22 55	0 17	23 35	23 37	20 57		n.a.
S 30	20 56	2n23	5 15	24 53	1 56	25 25	1 42	1 23	1 37	17 46	1 16	10 29	2 7	7 56	0 46	21 40	0 14	22 55	0 17	23 35	23 37	20 58		n.a.
S 31	21n 7	7n10	5n 8	25n 7	1n58	25n24	1n43	1s 6	1s37	17n44	1n16	10n31	2s 7	7n56	0n46	21s41	0s14	22n55	0s17	23s34	23s37	20n59		n.a.

Julian Day Number = 1612698.5, Delta T = 03h52m18s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'52, Lahiri = - 8°03'51 Julian Calendar 1 May 298 BCE == Greg. Calendar 27 Apr. 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

JUNE 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 18 0	4♊27'59	18♈10	19♊34	4♋14	1♈39	15♎10	2♉39	11♍48	24°R41	18♊14	23°R33	24♐33	21♉12	n.a.	M 1
T 2	16 21 56	5°25'06	0♉ 4	21°26	5°26	2°21	15°18	2°46	11°48	24♑40	18°16	23♐31	24°29	21°19	n.a.	T 2
W 3	16 25 53	6°22'14	11°54	23°15	6°38	3° 4	15°26	2°53	11°48	24°39	18°17	23°28	24°26	21°26	n.a.	W 3
T 4	16 29 49	7°19'21	23°43	25° 3	7°50	3°46	15°34	3° 0	11°49	24°38	18°19	23°26	24°23	21°32	n.a.	T 4
F 5	16 33 46	8°16'29	5♊32	26°48	9° 2	4°28	15°42	3° 7	11°50	24°37	18°20	23°24	24°20	21°39	n.a.	F 5
S 6	16 37 43	9°13'37	17°24	28°31	10°14	5°10	15°50	3°14	11°50	24°36	18°22	23°23	24°17	21°46	n.a.	S 6
S 7	16 41 39	10°10'45	29°21	0♋12	11°26	5°52	15°59	3°21	11°51	24°35	18°23	23°D23	24°14	21°52	n.a.	S 7
M 8	16 45 36	11° 7'53	11♋26	1°51	12°38	6°34	16° 7	3°27	11°51	24°34	18°25	23°24	24°10	21°59	n.a.	M 8
T 9	16 49 32	12° 5'02	23°40	3°28	13°50	7°15	16°16	3°34	11°52	24°33	18°27	23°25	24° 7	22° 6	n.a.	T 9
W10	16 53 29	13° 2'10	6♌ 7	5° 3	15° 1	7°57	16°24	3°41	11°53	24°32	18°28	23°26	24° 4	22°12	n.a.	W10
T 11	16 57 25	13°59'19	18°49	6°36	16°13	8°39	16°33	3°48	11°54	24°31	18°30	23°27	24° 1	22°19	n.a.	T 11
F 12	17 1 22	14°56'28	1♍49	8° 7	17°25	9°20	16°42	3°54	11°55	24°29	18°31	23°27	23°58	22°26	n.a.	F 12
S 13	17 5 18	15°53'37	15°10	9°36	18°36	10° 1	16°51	4° 1	11°56	24°28	18°33	23°R28	23°54	22°32	n.a.	S 13
S 14	17 9 15	16°50'45	28°54	11° 3	19°48	10°43	17° 0	4° 7	11°57	24°27	18°34	23°27	23°51	22°39	n.a.	S 14
M15	17 13 12	17°47'55	13♎ 1	12°27	20°59	11°24	17° 9	4°14	11°58	24°26	18°36	23°27	23°48	22°46	n.a.	M15
T 16	17 17 8	18°45'04	27°29	13°49	22°11	12° 5	17°19	4°20	11°59	24°25	18°38	23°27	23°45	22°52	n.a.	T 16
W17	17 21 5	19°42'14	12♏16	15° 9	23°22	12°46	17°28	4°27	12° 0	24°23	18°39	23°26	23°42	22°59	n.a.	W17
T 18	17 25 1	20°39'24	27°15	16°27	24°34	13°26	17°38	4°33	12° 1	24°22	18°41	23°26	23°39	23° 6	n.a.	T 18
F 19	17 28 58	21°36'34	12♐18	17°43	25°45	14° 7	17°47	4°39	12° 3	24°21	18°42	23°26	23°35	23°12	n.a.	F 19
S 20	17 32 54	22°33'46	27°17	18°56	26°56	14°48	17°57	4°45	12° 4	24°19	18°44	23°D26	23°32	23°19	n.a.	S 20
S 21	17 36 51	23°30'57	12♑ 4	20° 6	28° 7	15°28	18° 7	4°51	12° 5	24°18	18°46	23°R26	23°29	23°26	n.a.	S 21
M22	17 40 48	24°28'10	26°32	21°14	29°19	16° 9	18°17	4°58	12° 7	24°17	18°47	23°26	23°26	23°32	n.a.	M22
T 23	17 44 44	25°25'24	10♒36	22°20	0♌30	16°49	18°27	5° 4	12° 8	24°15	18°49	23°25	23°23	23°39	n.a.	T 23
W24	17 48 41	26°22'38	24°14	23°23	1°41	17°29	18°37	5° 9	12°10	24°14	18°50	23°25	23°20	23°46	n.a.	W24
T 25	17 52 37	27°19'54	7♓26	24°23	2°52	18° 9	18°47	5°15	12°11	24°13	18°52	23°25	23°16	23°52	n.a.	T 25
F 26	17 56 34	28°17'10	20°14	25°20	4° 3	18°49	18°57	5°21	12°13	24°11	18°53	23°25	23°13	23°59	n.a.	F 26
S 27	18 0 30	29°14'28	2♈42	26°14	5°14	19°29	19° 7	5°27	12°15	24°10	18°55	23°D25	23°10	24° 6	n.a.	S 27
S 28	18 4 27	0♋11'47	14°53	27° 5	6°24	20° 9	19°18	5°33	12°16	24° 8	18°57	23°25	23° 7	24°12	n.a.	S 28
M29	18 8 23	1° 9'07	26°53	27°53	7°35	20°48	19°28	5°38	12°18	24° 7	18°58	23°25	23° 4	24°19	n.a.	M29
T 30	18 12 20	2♋ 6'28	8♉45	28♋37	8♌46	21♈28	19♎39	5♉44	12♍20	24♑ 5	19♊ 0	23♐26	23♐ 0	24♉26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n18	11n37	4n47	25n17	1n59	25n23	1n43	0s49	1s37	17n42	1n16	10n33	2s 7	7n56	0n46	21s41	0s14	22n56	0s17	23s34	23s37	21n 1		n.a.
T 2	21 28	15 35	4 14	25 26	1 59	25 21	1 44	0 32	1 37	17 39	1 16	10 36	2 7	7 55	0 46	21 41	0 14	22 56	0 17	23 34	23 37	21 2		n.a.
W 3	21 38	18 55	3 30	25 32	1 59	25 19	1 45	0 15	1 37	17 37	1 16	10 38	2 7	7 55	0 46	21 41	0 14	22 56	0 17	23 34	23 37	21 3		n.a.
T 4	21 48	21 27	2 37	25 36	1 57	25 15	1 46	0n 2	1 37	17 34	1 16	10 40	2 7	7 55	0 46	21 41	0 14	22 56	0 16	23 34	23 37	21 4		n.a.
F 5	21 57	23 5	1 37	25 37	1 56	25 11	1 46	0 19	1 37	17 31	1 16	10 43	2 7	7 55	0 46	21 41	0 14	22 56	0 16	23 34	23 36	21 5		n.a.
S 6	22 6	23 41	0 33	25 37	1 53	25 6	1 47	0 36	1 36	17 29	1 15	10 45	2 7	7 55	0 46	21 42	0 14	22 57	0 16	23 34	23 36	21 6		n.a.
S 7	22 15	23 11	0s33	25 34	1 50	25 1	1 47	0 53	1 36	17 26	1 15	10 47	2 7	7 54	0 46	21 42	0 14	22 57	0 16	23 34	23 36	21 7		n.a.
M 8	22 23	21 36	1 38	25 30	1 47	24 54	1 47	1 10	1 36	17 23	1 15	10 50	2 7	7 54	0 46	21 42	0 14	22 57	0 16	23 34	23 36	21 8		n.a.
T 9	22 31	19 0	2 40	25 24	1 43	24 47	1 48	1 27	1 36	17 21	1 15	10 52	2 7	7 54	0 45	21 42	0 14	22 57	0 16	23 34	23 36	21 9		n.a.
W10	22 38	15 30	3 35	25 16	1 38	24 39	1 48	1 43	1 36	17 18	1 15	10 54	2 8	7 53	0 45	21 42	0 14	22 57	0 16	23 34	23 36	21 10		n.a.
T 11	22 45	11 14	4 21	25 6	1 33	24 31	1 48	2 0	1 36	17 15	1 15	10 56	2 8	7 53	0 45	21 43	0 14	22 58	0 16	23 34	23 36	21 11		n.a.
F 12	22 52	6 22	4 55	24 56	1 27	24 22	1 48	2 17	1 36	17 12	1 15	10 58	2 8	7 52	0 45	21 43	0 14	22 58	0 16	23 34	23 35	21 12		n.a.
S 13	22 58	1 5	5 14	24 43	1 21	24 12	1 48	2 33	1 36	17 9	1 14	11 0	2 8	7 52	0 45	21 43	0 14	22 58	0 16	23 34	23 35	21 13		n.a.
S 14	23 4	4s23	5 16	24 30	1 14	24 1	1 48	2 50	1 36	17 6	1 14	11 3	2 8	7 52	0 45	21 43	0 14	22 58	0 16	23 34	23 35	21 14		n.a.
M15	23 10	9 47	4 59	24 15	1 7	23 50	1 47	3 6	1 35	17 3	1 14	11 5	2 8	7 51	0 45	21 44	0 14	22 58	0 16	23 34	23 35	21 15		n.a.
T 16	23 15	14 47	4 23	23 59	0 59	23 38	1 47	3 22	1 35	17 0	1 14	11 7	2 8	7 51	0 45	21 44	0 14	22 59	0 16	23 34	23 35	21 16		n.a.
W17	23 20	19 1	3 29	23 42	0 51	23 26	1 47	3 39	1 35	16 57	1 14	11 9	2 8	7 50	0 45	21 44	0 14	22 59	0 16	23 34	23 35	21 17		n.a.
T 18	23 24	22 4	2 20	23 25	0 43	23 13	1 46	3 55	1 35	16 54	1 14	11 11	2 8	7 50	0 45	21 44	0 14	22 59	0 16	23 34	23 35	21 18		n.a.
F 19	23 28	23 34	1 1	23 6	0 34	22 59	1 46	4 11	1 35	16 51	1 14	11 13	2 8	7 49	0 45	21 45	0 14	22 59	0 16	23 34	23 34	21 19		n.a.
S 20	23 31	23 21	0n21	22 47	0 24	22 44	1 45	4 27	1 34	16 48	1 14	11 15	2 9	7 49	0 45	21 45	0 14	22 59	0 15	23 34	23 34	21 20		n.a.
S 21	23 34	21 29	1 42	22 27	0 15	22 29	1 44	4 43	1 34	16 45	1 13	11 17	2 9	7 48	0 45	21 45	0 14	23 0	0 15	23 34	23 34	21 21		n.a.
M22	23 37	18 16	2 54	22 6	0 5	22 14	1 43	4 59	1 34	16 42	1 13	11 19	2 9	7 47	0 45	21 45	0 14	23 0	0 15	23 34	23 34	21 22		n.a.
T 23	23 39	14 3	3 53	21 46	0s 6	21 57	1 42	5 15	1 34	16 39	1 13	11 21	2 9	7 47	0 45	21 46	0 14	23 0	0 15	23 34	23 34	21 23		n.a.
W24	23 41	9 15	4 37	21 24	0 17	21 40	1 41	5 31	1 33	16 35	1 13	11 22	2 9	7 46	0 45	21 46	0 14	23 0	0 15	23 34	23 34	21 24		n.a.
T 25	23 42	4 10	5 5	21 3	0 28	21 23	1 40	5 46	1 33	16 32	1 13	11 24	2 9	7 46	0 45	21 46	0 14	23 0	0 15	23 34	23 33	21 25		n.a.
F 26	23 43	0n56	5 17	20 41	0 39	21 5	1 39	6 2	1 33	16 29	1 13	11 26	2 9	7 45	0 45	21 46	0 14	23 1	0 15	23 34	23 33	21 26		n.a.
S 27	23 44	5 52	5 13	20 20	0 51	20 46	1 38	6 17	1 33	16 25	1 13	11 28	2 9	7 44	0 45	21 47	0 14	23 1	0 15	23 34	23 33	21 27		n.a.
S 28	23 44	10 28	4 56	19 58	1 3	20 27	1 36	6 33	1 32	16 22	1 13	11 30	2 10	7 44	0 45	21 47	0 14	23 1	0 15	23 34	23 33	21 28		n.a.
M29	23 44	14 36	4 25	19 37	1 15	20 7	1 35	6 48	1 32	16 18	1 13	11 31	2 10	7 43	0 45	21 47	0 14	23 1	0 15	23 34	23 33	21 29		n.a.
T 30	23n43	18n 7	3n44	19n16	1s27	19n47	1n33	7n 3	1s32	16n15	1n12	11n33	2s10	7n42	0n45	21s48	0s14	23n 1	0s15	23s34	23s33	21n30		n.a.

Julian Day Number = 1612729.5, Delta T = 03h52m17s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'47, Lahiri = - 8°03'47 Julian Calendar 1 June 298 BCE == Greg. Calendar 28 May 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

JULY 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 16 17	3♋ 3'50	20♉33	29♋18	9♌57	22♈ 7	19♌49	5♉49	12♍22	24°R 4	19♊ 1	23♐27	22♐57	24♉32	n.a.	W 1
T 2	18 20 13	4° 1'14	2♊22	29°55	11° 7	22°46	20° 0	5°55	12°24	24♑ 2	19° 3	23°28	22°54	24°39	n.a.	T 2
F 3	18 24 10	4°58'39	14°15	0♌27	12°18	23°25	20°11	6° 0	12°26	24° 1	19° 4	23°29	22°51	24°46	n.a.	F 3
S 4	18 28 6	5°56'05	26°14	0°56	13°28	24° 4	20°22	6° 5	12°28	23°59	19° 6	23°R29	22°48	24°52	n.a.	S 4
S 5	18 32 3	6°53'32	8♋21	1°21	14°39	24°43	20°33	6°10	12°30	23°58	19° 7	23°28	22°45	24°59	n.a.	S 5
M 6	18 35 59	7°51'00	20°40	1°40	15°49	25°22	20°44	6°16	12°32	23°56	19° 9	23°27	22°41	25° 6	n.a.	M 6
T 7	18 39 56	8°48'30	3♌ 9	1°55	17° 0	26° 0	20°55	6°21	12°34	23°55	19°10	23°25	22°38	25°12	n.a.	T 7
W 8	18 43 52	9°46'00	15°52	2° 6	18°10	26°39	21° 6	6°26	12°36	23°53	19°12	23°23	22°35	25°19	n.a.	W 8
T 9	18 47 49	10°43'32	28°49	2°R11	19°20	27°17	21°17	6°30	12°38	23°51	19°13	23°21	22°32	25°26	n.a.	T 9
F 10	18 51 46	11°41'04	12♍ 1	2°11	20°30	27°55	21°28	6°35	12°41	23°50	19°15	23°19	22°29	25°32	n.a.	F 10
S 11	18 55 42	12°38'38	25°28	2° 5	21°40	28°33	21°40	6°40	12°43	23°48	19°16	23°17	22°26	25°39	n.a.	S 11
S 12	18 59 39	13°36'12	9♎11	1°54	22°50	29°11	21°51	6°45	12°45	23°47	19°18	23°D16	22°22	25°46	n.a.	S 12
M13	19 3 35	14°33'47	23° 9	1°37	24° 0	29°49	22° 3	6°49	12°48	23°45	19°19	23°16	22°19	25°52	n.a.	M13
T 14	19 7 32	15°31'24	7♏23	1°15	25°10	0♉26	22°14	6°54	12°50	23°43	19°21	23°17	22°16	25°59	n.a.	T 14
W15	19 11 28	16°29'02	21°49	0°48	26°20	1° 4	22°26	6°58	12°52	23°42	19°22	23°19	22°13	26° 6	n.a.	W15
T 16	19 15 25	17°26'41	6♐26	0°16	27°29	1°41	22°38	7° 2	12°55	23°40	19°24	23°20	22°10	26°12	n.a.	T 16
F 17	19 19 21	18°24'21	21° 8	29♋38	28°39	2°18	22°49	7° 6	12°57	23°39	19°25	23°R21	22° 6	26°19	n.a.	F 17
S 18	19 23 18	19°22'02	5♑48	28°56	29°48	2°55	23° 1	7°10	13° 0	23°37	19°26	23°20	22° 3	26°26	n.a.	S 18
S 19	19 27 15	20°19'45	20°22	28°11	0♍58	3°32	23°13	7°15	13° 3	23°35	19°28	23°18	22° 0	26°32	n.a.	S 19
M20	19 31 11	21°17'30	4♒42	27°22	2° 7	4° 8	23°25	7°18	13° 5	23°34	19°29	23°15	21°57	26°39	n.a.	M20
T 21	19 35 8	22°15'16	18°43	26°31	3°16	4°45	23°37	7°22	13° 8	23°32	19°31	23°11	21°54	26°45	n.a.	T 21
W22	19 39 4	23°13'03	2♓21	25°38	4°25	5°21	23°49	7°26	13°11	23°30	19°32	23° 7	21°51	26°52	n.a.	W22
T 23	19 43 1	24°10'52	15°35	24°45	5°34	5°57	24° 1	7°30	13°14	23°29	19°33	23° 2	21°47	26°59	n.a.	T 23
F 24	19 46 57	25° 8'44	28°26	23°53	6°43	6°33	24°13	7°33	13°16	23°27	19°35	22°59	21°44	27° 5	n.a.	F 24
S 25	19 50 54	26° 6'37	10♈56	23° 2	7°52	7° 9	24°25	7°37	13°19	23°25	19°36	22°56	21°41	27°12	n.a.	S 25
S 26	19 54 50	27° 4'31	23° 9	22°13	9° 1	7°44	24°37	7°40	13°22	23°24	19°37	22°D55	21°38	27°19	n.a.	S 26
M27	19 58 47	28° 2'28	5♉ 8	21°29	10° 9	8°20	24°49	7°43	13°25	23°22	19°39	22°55	21°35	27°25	n.a.	M27
T 28	20 2 44	29° 0'27	17° 0	20°50	11°18	8°55	25° 2	7°47	13°28	23°20	19°40	22°56	21°32	27°32	n.a.	T 28
W29	20 6 40	29°58'28	28°48	20°16	12°26	9°30	25°14	7°50	13°31	23°19	19°41	22°58	21°28	27°39	n.a.	W29
T 30	20 10 37	0♌56'31	10♊39	19°48	13°35	10° 5	25°26	7°53	13°34	23°17	19°42	23° 0	21°25	27°45	n.a.	T 30
F 31	20 14 33	1♌54'36	22♊36	19♋28	14♍43	10♉39	25♌39	7♉56	13♍37	23♑16	19♊44	23°R 0	21♐22	27♉52	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n42	20n53	2n53	18n55	1s40	19n26	1n32	7n18	1s31	16n11	1n12	11n35	2s10	7n41	0n45	21s48	0s14	23n 1	0s15	23s34	23s32	21n31			n.a.
T 2	23 40	22 45	1 54	18 35	1 52	19 5	1 30	7 33	1 31	16 8	1 12	11 36	2 10	7 41	0 45	21 48	0 14	23 2	0 15	23 34	23 32	21 32			n.a.
F 3	23 38	23 38	0 51	18 16	2 5	18 43	1 28	7 48	1 31	16 4	1 12	11 38	2 10	7 40	0 44	21 48	0 14	23 2	0 15	23 34	23 32	21 32			n.a.
S 4	23 36	23 25	0s15	17 57	2 18	18 21	1 26	8 3	1 30	16 1	1 12	11 40	2 10	7 39	0 44	21 49	0 15	23 2	0 15	23 34	23 32	21 33			n.a.
S 5	23 33	22 6	1 21	17 39	2 31	17 59	1 24	8 18	1 30	15 57	1 12	11 41	2 11	7 38	0 44	21 49	0 15	23 2	0 15	23 34	23 32	21 34			n.a.
M 6	23 30	19 44	2 25	17 23	2 43	17 35	1 22	8 32	1 30	15 54	1 12	11 43	2 11	7 37	0 44	21 49	0 15	23 2	0 14	23 34	23 32	21 35			n.a.
T 7	23 26	16 25	3 22	17 7	2 56	17 12	1 20	8 47	1 29	15 50	1 12	11 44	2 11	7 36	0 44	21 50	0 15	23 3	0 14	23 34	23 31	21 36			n.a.
W 8	23 22	12 17	4 11	16 53	3 8	16 48	1 18	9 1	1 29	15 46	1 12	11 46	2 11	7 36	0 44	21 50	0 15	23 3	0 14	23 34	23 31	21 37			n.a.
T 9	23 17	7 32	4 47	16 40	3 20	16 24	1 15	9 15	1 28	15 42	1 12	11 47	2 11	7 35	0 44	21 50	0 15	23 3	0 14	23 34	23 31	21 38			n.a.
F 10	23 13	2 23	5 9	16 29	3 32	15 59	1 13	9 30	1 28	15 39	1 12	11 49	2 11	7 34	0 44	21 50	0 15	23 3	0 14	23 34	23 31	21 39			n.a.
S 11	23 7	2s59	5 15	16 19	3 43	15 34	1 10	9 44	1 28	15 35	1 11	11 50	2 12	7 33	0 44	21 51	0 15	23 3	0 14	23 33	23 31	21 40			n.a.
S 12	23 2	8 19	5 4	16 11	3 53	15 8	1 8	9 58	1 27	15 31	1 11	11 51	2 12	7 32	0 44	21 51	0 15	23 4	0 14	23 33	23 30	21 40			n.a.
M13	22 55	13 20	4 34	16 5	4 3	14 42	1 5	10 11	1 27	15 27	1 11	11 53	2 12	7 31	0 44	21 51	0 15	23 4	0 14	23 33	23 30	21 41			n.a.
T 14	22 49	17 42	3 47	16 2	4 12	14 16	1 2	10 25	1 26	15 23	1 11	11 54	2 12	7 30	0 44	21 52	0 15	23 4	0 14	23 34	23 30	21 42			n.a.
W15	22 42	21 6	2 45	16 0	4 20	13 49	0 59	10 39	1 26	15 19	1 11	11 55	2 12	7 29	0 44	21 52	0 15	23 4	0 14	23 34	23 30	21 43			n.a.
T 16	22 35	23 9	1 32	16 1	4 26	13 22	0 56	10 52	1 25	15 15	1 11	11 57	2 12	7 28	0 44	21 52	0 15	23 4	0 14	23 34	23 30	21 44			n.a.
F 17	22 27	23 38	0 12	16 3	4 31	12 55	0 53	11 6	1 25	15 12	1 11	11 58	2 13	7 27	0 44	21 52	0 15	23 4	0 14	23 34	23 30	21 45			n.a.
S 18	22 19	22 28	1n 8	16 8	4 35	12 28	0 50	11 19	1 24	15 8	1 11	11 59	2 13	7 26	0 44	21 53	0 15	23 5	0 14	23 34	23 29	21 45			n.a.
S 19	22 10	19 48	2 23	16 15	4 37	12 0	0 47	11 32	1 24	15 4	1 11	12 0	2 13	7 25	0 44	21 53	0 15	23 5	0 14	23 34	23 29	21 46			n.a.
M20	22 1	15 58	3 28	16 25	4 37	11 32	0 44	11 45	1 23	14 59	1 11	12 1	2 13	7 24	0 44	21 53	0 15	23 5	0 14	23 33	23 29	21 47			n.a.
T 21	21 52	11 19	4 18	16 36	4 36	11 3	0 40	11 58	1 23	14 55	1 11	12 2	2 13	7 23	0 44	21 54	0 15	23 5	0 14	23 33	23 29	21 48			n.a.
W22	21 42	6 13	4 53	16 49	4 32	10 35	0 37	12 11	1 22	14 51	1 11	12 3	2 14	7 22	0 44	21 54	0 15	23 5	0 14	23 33	23 29	21 49			n.a.
T 23	21 32	0 59	5 10	17 4	4 27	10 6	0 33	12 23	1 21	14 47	1 11	12 4	2 14	7 21	0 44	21 54	0 15	23 5	0 13	23 33	23 28	21 49			n.a.
F 24	21 22	4n 7	5 11	17 20	4 20	9 37	0 30	12 36	1 21	14 43	1 11	12 5	2 14	7 19	0 44	21 55	0 15	23 6	0 13	23 33	23 28	21 50			n.a.
S 25	21 11	8 56	4 58	17 37	4 10	9 7	0 26	12 48	1 20	14 39	1 11	12 6	2 14	7 18	0 44	21 55	0 15	23 6	0 13	23 32	23 28	21 51			n.a.
S 26	21 0	13 17	4 31	17 56	3 59	8 38	0 22	13 0	1 20	14 35	1 10	12 7	2 14	7 17	0 44	21 55	0 15	23 6	0 13	23 32	23 28	21 52			n.a.
M27	20 48	17 2	3 52	18 15	3 47	8 8	0 19	13 12	1 19	14 31	1 10	12 8	2 14	7 16	0 44	21 55	0 15	23 6	0 13	23 32	23 28	21 53			n.a.
T 28	20 36	20 3	3 4	18 35	3 33	7 38	0 15	13 24	1 18	14 26	1 10	12 9	2 15	7 15	0 44	21 56	0 15	23 6	0 13	23 32	23 27	21 53			n.a.
W29	20 24	22 13	2 8	18 55	3 18	7 8	0 11	13 36	1 18	14 22	1 10	12 10	2 15	7 14	0 44	21 56	0 15	23 6	0 13	23 32	23 27	21 54			n.a.
T 30	20 12	23 25	1 7	19 15	3 2	6 38	0 7	13 48	1 17	14 18	1 10	12 11	2 15	7 12	0 44	21 56	0 15	23 7	0 13	23 33	23 27	21 55			n.a.
F 31	19n59	23n33	0n 2	19n35	2s45	6n 8	0n 3	13n59	1s17	14n14	1n10	12n11	2s15	7n11	0n44	21s57	0s15	23n 7	0s13	23s33	23s27	21n56			n.a.

Julian Day Number = 1612759.5, Delta T = 03h52m16s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'43, Lahiri = - 8°03'43 Julian Calendar 1 July 298 BCE == Greg. Calendar 27 June 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

AUGUST 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 18 30	2♌52'43	4♋42	19°R16	15♍51	11♉14	25♌51	7♉58	13♍40	23°R14	19♊45	23°R 0	21♐19	27♉59	n.a.	S 1
S 2	20 22 26	3°50'51	17° 2	19°D12	16°59	11°48	26° 4	8° 1	13°43	23♑12	19°46	22♐57	21°16	28° 5	n.a.	S 2
M 3	20 26 23	4°49'02	29°36	19♋16	18° 7	12°22	26°16	8° 4	13°46	23°11	19°47	22°52	21°12	28°12	n.a.	M 3
T 4	20 30 19	5°47'14	12♌26	19°29	19°15	12°56	26°29	8° 6	13°49	23° 9	19°48	22°46	21° 9	28°19	n.a.	T 4
W 5	20 34 16	6°45'29	25°31	19°50	20°22	13°29	26°41	8° 9	13°53	23° 8	19°50	22°39	21° 6	28°25	n.a.	W 5
T 6	20 38 13	7°43'45	8♍50	20°20	21°30	14° 3	26°54	8°11	13°56	23° 6	19°51	22°31	21° 3	28°32	n.a.	T 6
F 7	20 42 9	8°42'02	22°22	20°58	22°37	14°36	27° 7	8°13	13°59	23° 4	19°52	22°24	21° 0	28°39	n.a.	F 7
S 8	20 46 6	9°40'22	6♎ 5	21°44	23°44	15° 9	27°19	8°15	14° 2	23° 3	19°53	22°18	20°57	28°45	n.a.	S 8
S 9	20 50 2	10°38'43	19°57	22°38	24°52	15°42	27°32	8°17	14° 6	23° 1	19°54	22°15	20°53	28°52	n.a.	S 9
M10	20 53 59	11°37'05	3♏57	23°40	25°58	16°14	27°45	8°19	14° 9	23° 0	19°55	22°13	20°50	28°59	n.a.	M10
T 11	20 57 55	12°35'30	18° 3	24°48	27° 5	16°46	27°57	8°21	14°12	22°58	19°56	22°D13	20°47	29° 5	n.a.	T 11
W12	21 1 52	13°33'56	2♐14	26° 3	28°12	17°18	28°10	8°22	14°16	22°57	19°57	22°13	20°44	29°12	n.a.	W12
T 13	21 5 48	14°32'24	16°29	27°23	29°18	17°50	28°23	8°24	14°19	22°55	19°58	22°R14	20°41	29°19	n.a.	T 13
F 14	21 9 45	15°30'53	0♑45	28°49	0♎25	18°22	28°36	8°25	14°23	22°54	19°59	22°14	20°38	29°25	n.a.	F 14
S 15	21 13 42	16°29'25	15° 0	0♌20	1°31	18°53	28°49	8°27	14°26	22°52	20° 0	22°12	20°34	29°32	n.a.	S 15
S 16	21 17 38	17°27'58	29°10	1°54	2°37	19°24	29° 2	8°28	14°29	22°51	20° 1	22° 8	20°31	29°39	n.a.	S 16
M17	21 21 35	18°26'33	13♒10	3°33	3°43	19°55	29°15	8°29	14°33	22°49	20° 2	22° 1	20°28	29°45	n.a.	M17
T 18	21 25 31	19°25'10	26°57	5°14	4°48	20°25	29°27	8°30	14°36	22°48	20° 3	21°52	20°25	29°52	n.a.	T 18
W19	21 29 28	20°23'49	10♓25	6°58	5°54	20°55	29°40	8°31	14°40	22°47	20° 4	21°42	20°22	29°59	n.a.	W19
T 20	21 33 24	21°22'30	23°34	8°44	6°59	21°25	29°53	8°32	14°43	22°45	20° 5	21°32	20°18	0♊ 5	n.a.	T 20
F 21	21 37 21	22°21'14	6♈23	10°31	8° 4	21°55	0♍ 6	8°32	14°47	22°44	20° 6	21°23	20°15	0°12	n.a.	F 21
S 22	21 41 17	23°20'00	18°52	12°20	9° 9	22°24	0°19	8°33	14°51	22°42	20° 7	21°15	20°12	0°19	n.a.	S 22
S 23	21 45 14	24°18'48	1♉ 4	14° 9	10°14	22°53	0°32	8°33	14°54	22°41	20° 7	21°10	20° 9	0°25	n.a.	S 23
M24	21 49 10	25°17'38	13° 4	15°59	11°18	23°22	0°45	8°34	14°58	22°40	20° 8	21° 8	20° 6	0°32	n.a.	M24
T 25	21 53 7	26°16'31	24°55	17°50	12°23	23°51	0°58	8°34	15° 1	22°38	20° 9	21°D 7	20° 3	0°38	n.a.	T 25
W26	21 57 4	27°15'26	6♊43	19°40	13°27	24°19	1°11	8°R34	15° 5	22°37	20°10	21° 7	19°59	0°45	n.a.	W26
T 27	22 1 0	28°14'24	18°35	21°31	14°30	24°47	1°24	8°34	15° 9	22°36	20°10	21°R 7	19°56	0°52	n.a.	T 27
F 28	22 4 57	29°13'24	0♋33	23°21	15°34	25°14	1°37	8°34	15°12	22°35	20°11	21° 7	19°53	0°58	n.a.	F 28
S 29	22 8 53	0♍12'27	12°45	25°11	16°37	25°41	1°50	8°34	15°16	22°33	20°12	21° 5	19°50	1° 5	n.a.	S 29
S 30	22 12 50	1°11'32	25°13	27° 0	17°40	26° 8	2° 3	8°33	15°20	22°32	20°13	21° 0	19°47	1°12	n.a.	S 30
M31	22 16 46	2♍10'39	8♌ 1	28♌49	18♎43	26♉35	2♍16	8♉33	15♍24	22♑31	20♊13	20♐53	19♐43	1♊18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n45	22n36	1s 3	19n54	2s27	5n37	0s 2	14n11	1s16	14n 9	1n10	12n12	2s15	7n10	0n44	21s57	0s15	23n 7	0s13	23s33	23s27	21n56		n.a.
S 2	19 32	20 32	2 7	20 12	2 9	5 7	0 6	14 22	1 15	14 5	1 10	12 13	2 16	7 9	0 43	21 57	0 15	23 7	0 13	23 32	23 26	21 57		n.a.
M 3	19 18	17 28	3 5	20 30	1 51	4 36	0 10	14 33	1 14	14 1	1 10	12 13	2 16	7 8	0 43	21 57	0 15	23 7	0 13	23 32	23 26	21 58		n.a.
T 4	19 3	13 31	3 56	20 46	1 33	4 5	0 14	14 44	1 14	13 56	1 10	12 14	2 16	7 6	0 43	21 58	0 15	23 7	0 13	23 32	23 26	21 59		n.a.
W 5	18 49	8 52	4 35	21 0	1 15	3 34	0 19	14 55	1 13	13 52	1 10	12 15	2 16	7 5	0 43	21 58	0 15	23 7	0 13	23 31	23 26	21 59		n.a.
T 6	18 34	3 44	4 59	21 13	0 58	3 3	0 23	15 6	1 12	13 47	1 10	12 15	2 16	7 4	0 43	21 58	0 15	23 8	0 13	23 31	23 25	22 0		n.a.
F 7	18 18	1s39	5 8	21 24	0 41	2 32	0 28	15 17	1 12	13 43	1 10	12 16	2 17	7 2	0 43	21 59	0 15	23 8	0 13	23 31	23 25	22 1		n.a.
S 8	18 3	7 1	4 59	21 33	0 24	2 1	0 32	15 27	1 11	13 39	1 10	12 16	2 17	7 1	0 43	21 59	0 15	23 8	0 13	23 30	23 25	22 1		n.a.
S 9	17 47	12 6	4 33	21 40	0 8	1 30	0 37	15 37	1 10	13 34	1 10	12 17	2 17	7 0	0 43	21 59	0 15	23 8	0 12	23 30	23 25	22 2		n.a.
M10	17 31	16 35	3 50	21 44	0n 6	0 59	0 41	15 48	1 9	13 30	1 10	12 17	2 17	6 59	0 43	21 59	0 15	23 8	0 12	23 30	23 25	22 3		n.a.
T 11	17 14	20 11	2 53	21 46	0 20	0 28	0 46	15 58	1 8	13 25	1 10	12 17	2 17	6 57	0 43	22 0	0 15	23 8	0 12	23 30	23 24	22 3		n.a.
W12	16 57	22 35	1 46	21 45	0 33	0s 3	0 51	16 8	1 8	13 21	1 10	12 18	2 18	6 56	0 43	22 0	0 15	23 8	0 12	23 30	23 24	22 4		n.a.
T 13	16 40	23 33	0 31	21 41	0 45	0 34	0 56	16 17	1 7	13 16	1 10	12 18	2 18	6 54	0 43	22 0	0 15	23 9	0 12	23 30	23 24	22 5		n.a.
F 14	16 23	22 58	0n46	21 34	0 56	1 5	1 0	16 27	1 6	13 12	1 10	12 18	2 18	6 53	0 43	22 0	0 15	23 9	0 12	23 30	23 24	22 5		n.a.
S 15	16 5	20 54	1 59	21 24	1 6	1 36	1 5	16 36	1 5	13 7	1 10	12 19	2 18	6 52	0 43	22 1	0 15	23 9	0 12	23 30	23 23	22 6		n.a.
S 16	15 47	17 34	3 5	21 12	1 15	2 7	1 10	16 46	1 4	13 3	1 10	12 19	2 19	6 50	0 43	22 1	0 15	23 9	0 12	23 30	23 23	22 7		n.a.
M17	15 29	13 16	3 58	20 56	1 23	2 38	1 15	16 55	1 3	12 58	1 10	12 19	2 19	6 49	0 43	22 1	0 15	23 9	0 12	23 29	23 23	22 7		n.a.
T 18	15 11	8 21	4 37	20 38	1 29	3 9	1 20	17 4	1 2	12 53	1 10	12 19	2 19	6 48	0 43	22 1	0 15	23 9	0 12	23 29	23 23	22 8		n.a.
W19	14 52	3 9	4 59	20 18	1 35	3 40	1 25	17 13	1 1	12 49	1 10	12 19	2 19	6 46	0 43	22 2	0 15	23 9	0 12	23 28	23 23	22 9		n.a.
T 20	14 33	2n 4	5 4	19 54	1 40	4 11	1 30	17 22	1 0	12 44	1 10	12 19	2 19	6 45	0 43	22 2	0 15	23 9	0 12	23 27	23 22	22 9		n.a.
F 21	14 14	7 3	4 54	19 29	1 44	4 42	1 35	17 31	0 59	12 40	1 10	12 19	2 20	6 43	0 43	22 2	0 15	23 10	0 12	23 27	23 22	22 10		n.a.
S 22	13 54	11 38	4 30	19 1	1 47	5 12	1 40	17 39	0 58	12 35	1 10	12 19	2 20	6 42	0 43	22 2	0 15	23 10	0 12	23 26	23 22	22 11		n.a.
S 23	13 35	15 38	3 54	18 31	1 49	5 43	1 45	17 48	0 57	12 30	1 10	12 19	2 20	6 41	0 43	22 3	0 15	23 10	0 12	23 26	23 22	22 11		n.a.
M24	13 15	18 56	3 9	17 59	1 50	6 13	1 50	17 56	0 56	12 26	1 10	12 19	2 20	6 39	0 43	22 3	0 15	23 10	0 12	23 26	23 21	22 12		n.a.
T 25	12 55	21 25	2 15	17 26	1 51	6 43	1 56	18 4	0 55	12 21	1 10	12 19	2 20	6 38	0 43	22 3	0 15	23 10	0 12	23 26	23 21	22 12		n.a.
W26	12 34	22 57	1 16	16 51	1 51	7 13	2 1	18 12	0 54	12 16	1 10	12 19	2 21	6 36	0 43	22 3	0 15	23 10	0 11	23 26	23 21	22 13		n.a.
T 27	12 14	23 28	0 14	16 14	1 50	7 43	2 6	18 20	0 53	12 12	1 10	12 19	2 21	6 35	0 43	22 4	0 15	23 10	0 11	23 26	23 21	22 14		n.a.
F 28	11 53	22 54	0s50	15 36	1 49	8 13	2 11	18 28	0 52	12 7	1 10	12 18	2 21	6 33	0 43	22 4	0 15	23 10	0 11	23 26	23 20	22 14		n.a.
S 29	11 32	21 15	1 53	14 57	1 47	8 42	2 16	18 35	0 51	12 2	1 10	12 18	2 21	6 32	0 43	22 4	0 15	23 11	0 11	23 26	23 20	22 15		n.a.
S 30	11 11	18 33	2 51	14 17	1 44	9 11	2 21	18 43	0 50	11 57	1 10	12 18	2 21	6 30	0 43	22 4	0 15	23 11	0 11	23 25	23 20	22 15		n.a.
M31	10n50	14n55	3s42	13n37	1n42	9s40	2s26	18n50	0s49	11n53	1n10	12n17	2s22	6n29	0n43	22s 4	0s15	23n11	0s11	23s25	23s20	22n16		n.a.

Julian Day Number = 1612790.5, Delta T = 03h52m15s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'39, Lahiri = - 8°03'39 Julian Calendar 1 Aug. 298 BCE == Greg. Calendar 28 July 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

SEPTEMBER 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 20 43	3♍ 9'48	21♌ 9	0♍37	19♎46	27♉ 1	2♍30	8°R32	15♍27	22°R30	20♊14	20°R43	19♐40	1♊25	n.a.	T 1
W 2	22 24 39	4° 8'59	4♍37	2°25	20°48	27°27	2°43	8♉32	15°31	22♑29	20°14	20♐32	19°37	1°32	n.a.	W 2
T 3	22 28 36	5° 8'13	18°22	4°11	21°50	27°52	2°56	8°31	15°35	22°28	20°15	20°20	19°34	1°38	n.a.	T 3
F 4	22 32 33	6° 7'28	2♎21	5°57	22°52	28°17	3° 9	8°30	15°39	22°27	20°15	20° 8	19°31	1°45	n.a.	F 4
S 5	22 36 29	7° 6'46	16°28	7°42	23°53	28°42	3°22	8°29	15°42	22°26	20°16	19°59	19°28	1°52	n.a.	S 5
S 6	22 40 26	8° 6'06	0♏40	9°27	24°54	29° 6	3°35	8°28	15°46	22°24	20°17	19°52	19°24	1°58	n.a.	S 6
M 7	22 44 22	9° 5'27	14°53	11°11	25°55	29°30	3°48	8°27	15°50	22°23	20°17	19°48	19°21	2° 5	n.a.	M 7
T 8	22 48 19	10° 4'51	29° 3	12°53	26°56	29°53	4° 1	8°25	15°54	22°22	20°17	19°46	19°18	2°12	n.a.	T 8
W 9	22 52 15	11° 4'16	13♐10	14°35	27°56	0♊16	4°14	8°24	15°57	22°22	20°18	19°46	19°15	2°18	n.a.	W 9
T 10	22 56 12	12° 3'44	27°12	16°17	28°55	0°39	4°27	8°22	16° 1	22°21	20°18	19°46	19°12	2°25	n.a.	T 10
F 11	23 0 8	13° 3'13	11♑ 9	17°57	29°55	1° 1	4°40	8°21	16° 5	22°20	20°19	19°44	19° 9	2°32	n.a.	F 11
S 12	23 4 5	14° 2'43	25° 0	19°37	0♏54	1°23	4°53	8°19	16° 9	22°19	20°19	19°41	19° 5	2°38	n.a.	S 12
S 13	23 8 2	15° 2'16	8♒44	21°16	1°52	1°44	5° 6	8°17	16°13	22°18	20°19	19°35	19° 2	2°45	n.a.	S 13
M14	23 11 58	16° 1'51	22°19	22°54	2°50	2° 5	5°19	8°15	16°16	22°17	20°20	19°25	18°59	2°52	n.a.	M14
T 15	23 15 55	17° 1'27	5♓42	24°32	3°48	2°25	5°32	8°13	16°20	22°16	20°20	19°14	18°56	2°58	n.a.	T 15
W16	23 19 51	18° 1'06	18°53	26° 9	4°45	2°45	5°45	8°11	16°24	22°16	20°20	19° 1	18°53	3° 5	n.a.	W16
T 17	23 23 48	19° 0'47	1♈48	27°45	5°42	3° 5	5°57	8° 8	16°28	22°15	20°20	18°47	18°49	3°11	n.a.	T 17
F 18	23 27 44	20° 0'30	14°27	29°21	6°38	3°23	6°10	8° 6	16°31	22°14	20°21	18°35	18°46	3°18	n.a.	F 18
S 19	23 31 41	21° 0'15	26°50	0♎56	7°34	3°42	6°23	8° 4	16°35	22°14	20°21	18°24	18°43	3°25	n.a.	S 19
S 20	23 35 37	22° 0'02	8♉58	2°30	8°29	4° 0	6°36	8° 1	16°39	22°13	20°21	18°16	18°40	3°31	n.a.	S 20
M21	23 39 34	22°59'52	20°56	4° 4	9°24	4°17	6°49	7°58	16°43	22°12	20°21	18°11	18°37	3°38	n.a.	M21
T 22	23 43 30	23°59'44	2♊46	5°38	10°18	4°34	7° 2	7°56	16°47	22°12	20°21	18° 9	18°34	3°45	n.a.	T 22
W23	23 47 27	24°59'38	14°33	7°10	11°11	4°50	7°14	7°53	16°50	22°11	20°21	18°D 8	18°30	3°51	n.a.	W23
T 24	23 51 24	25°59'35	26°23	8°42	12° 4	5° 6	7°27	7°50	16°54	22°11	20°21	18°R 8	18°27	3°58	n.a.	T 24
F 25	23 55 20	26°59'34	8♋21	10°14	12°57	5°21	7°40	7°47	16°58	22°10	20°21	18° 8	18°24	4° 5	n.a.	F 25
S 26	23 59 17	27°59'35	20°33	11°45	13°48	5°35	7°52	7°44	17° 2	22°10	20°R21	18° 6	18°21	4°11	n.a.	S 26
S 27	0 3 13	28°59'39	3♌ 4	13°15	14°39	5°49	8° 5	7°40	17° 5	22° 9	20°21	18° 2	18°18	4°18	n.a.	S 27
M28	0 7 10	29°59'44	15°57	14°45	15°29	6° 3	8°18	7°37	17° 9	22° 9	20°21	17°55	18°14	4°25	n.a.	M28
T 29	0 11 6	0♎59'52	29°15	16°15	16°19	6°15	8°30	7°34	17°13	22° 9	20°21	17°46	18°11	4°31	n.a.	T 29
W30	0 15 3	2♎ 0'02	12♍58	17♎44	17♏ 8	6♊27	8♍43	7♉30	17♍17	22♑ 8	20♊21	17♐34	18♐ 8	4♊38	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n28	10n29	4s23	12n55	1n38	10s 9	2s32	18n57	0s48	11n48	1n10	12n17	2s22	6n28	0n43	22s 5	0s15	23n11	0s11	23s24	23s19	22n17		n.a.
W 2	10 6	5 26	4 50	12 13	1 35	10 38	2 37	19 4	0 47	11 43	1 10	12 17	2 22	6 26	0 43	22 5	0 15	23 11	0 11	23 23	23 19	22 17		n.a.
T 3	9 44	0 3	5 1	11 30	1 30	11 6	2 42	19 11	0 45	11 39	1 10	12 16	2 22	6 25	0 43	22 5	0 15	23 11	0 11	23 22	23 19	22 18		n.a.
F 4	9 22	5s26	4 55	10 46	1 26	11 34	2 47	19 18	0 44	11 34	1 10	12 16	2 22	6 23	0 43	22 5	0 15	23 11	0 11	23 22	23 19	22 18		n.a.
S 5	9 0	10 42	4 30	10 2	1 21	12 2	2 52	19 25	0 43	11 29	1 10	12 15	2 23	6 22	0 43	22 5	0 15	23 11	0 11	23 21	23 18	22 19		n.a.
S 6	8 38	15 25	3 49	9 18	1 16	12 30	2 57	19 31	0 42	11 24	1 10	12 15	2 23	6 20	0 43	22 6	0 15	23 11	0 11	23 20	23 18	22 19		n.a.
M 7	8 15	19 15	2 53	8 33	1 11	12 57	3 2	19 38	0 40	11 20	1 10	12 14	2 23	6 19	0 43	22 6	0 15	23 11	0 11	23 20	23 18	22 20		n.a.
T 8	7 53	21 56	1 47	7 49	1 6	13 24	3 7	19 44	0 39	11 15	1 10	12 14	2 23	6 17	0 43	22 6	0 15	23 12	0 11	23 20	23 18	22 20		n.a.
W 9	7 30	23 14	0 35	7 4	1 0	13 51	3 12	19 50	0 38	11 10	1 10	12 13	2 23	6 16	0 43	22 6	0 15	23 12	0 11	23 20	23 17	22 21		n.a.
T 10	7 7	23 3	0n39	6 18	0 54	14 17	3 17	19 56	0 36	11 5	1 10	12 12	2 23	6 14	0 43	22 6	0 15	23 12	0 11	23 20	23 17	22 21		n.a.
F 11	6 44	21 25	1 51	5 33	0 48	14 43	3 22	20 2	0 35	11 1	1 11	12 12	2 24	6 13	0 43	22 6	0 15	23 12	0 11	23 20	23 17	22 22		n.a.
S 12	6 21	18 32	2 55	4 48	0 42	15 9	3 27	20 8	0 34	10 56	1 11	12 11	2 24	6 11	0 43	22 6	0 15	23 12	0 11	23 19	23 17	22 22		n.a.
S 13	5 58	14 38	3 48	4 3	0 36	15 34	3 32	20 14	0 32	10 51	1 11	12 10	2 24	6 10	0 43	22 7	0 15	23 12	0 10	23 19	23 16	22 23		n.a.
M14	5 35	10 2	4 28	3 18	0 29	15 59	3 36	20 20	0 31	10 46	1 11	12 9	2 24	6 8	0 43	22 7	0 15	23 12	0 10	23 18	23 16	22 23		n.a.
T 15	5 11	5 1	4 52	2 33	0 23	16 24	3 41	20 25	0 29	10 41	1 11	12 8	2 24	6 7	0 43	22 7	0 15	23 12	0 10	23 17	23 16	22 24		n.a.
W16	4 48	0n 9	5 0	1 48	0 16	16 48	3 46	20 30	0 28	10 37	1 11	12 8	2 25	6 5	0 43	22 7	0 15	23 12	0 10	23 16	23 16	22 24		n.a.
T 17	4 24	5 11	4 53	1 3	0 10	17 12	3 50	20 36	0 26	10 32	1 11	12 7	2 25	6 4	0 43	22 7	0 15	23 12	0 10	23 15	23 15	22 25		n.a.
F 18	4 0	9 54	4 31	0 18	0 3	17 35	3 55	20 41	0 25	10 27	1 11	12 6	2 25	6 2	0 43	22 7	0 15	23 12	0 10	23 14	23 15	22 25		n.a.
S 19	3 36	14 8	3 56	0s26	0s 4	17 58	3 59	20 46	0 23	10 22	1 11	12 5	2 25	6 1	0 43	22 7	0 15	23 12	0 10	23 13	23 15	22 26		n.a.
S 20	3 13	17 41	3 11	1 10	0 11	18 20	4 4	20 51	0 22	10 18	1 11	12 4	2 25	5 59	0 43	22 8	0 15	23 13	0 10	23 12	23 14	22 26		n.a.
M21	2 49	20 26	2 19	1 54	0 17	18 42	4 8	20 56	0 20	10 13	1 11	12 3	2 25	5 58	0 43	22 8	0 15	23 13	0 10	23 12	23 14	22 27		n.a.
T 22	2 25	22 17	1 21	2 38	0 24	19 4	4 12	21 0	0 19	10 8	1 11	12 2	2 25	5 56	0 43	22 8	0 15	23 13	0 10	23 12	23 14	22 27		n.a.
W23	2 1	23 8	0 19	3 21	0 31	19 25	4 16	21 5	0 17	10 3	1 11	12 1	2 26	5 55	0 43	22 8	0 15	23 13	0 10	23 12	23 14	22 28		n.a.
T 24	1 37	22 57	0s44	4 4	0 38	19 46	4 20	21 10	0 15	9 59	1 11	12 0	2 26	5 53	0 43	22 8	0 15	23 13	0 10	23 12	23 13	22 28		n.a.
F 25	1 13	21 43	1 45	4 47	0 45	20 6	4 24	21 14	0 13	9 54	1 11	11 58	2 26	5 52	0 43	22 8	0 15	23 13	0 10	23 12	23 13	22 28		n.a.
S 26	0 48	19 27	2 43	5 29	0 51	20 25	4 28	21 18	0 12	9 49	1 12	11 57	2 26	5 50	0 43	22 8	0 15	23 13	0 10	23 11	23 13	22 29		n.a.
S 27	0 24	16 14	3 34	6 11	0 58	20 44	4 31	21 23	0 10	9 45	1 12	11 56	2 26	5 49	0 43	22 8	0 15	23 13	0 10	23 11	23 12	22 29		n.a.
M28	0 0	12 10	4 17	6 52	1 4	21 3	4 35	21 27	0 8	9 40	1 12	11 55	2 26	5 47	0 43	22 8	0 15	23 13	0 10	23 10	23 12	22 30		n.a.
T 29	0s24	7 24	4 46	7 33	1 11	21 21	4 38	21 31	0 6	9 35	1 12	11 54	2 26	5 46	0 43	22 8	0 15	23 13	0 9	23 10	23 12	22 30		n.a.
W30	0s48	2n 9	5s 1	8s14	1s17	21s39	4s42	21n35	0s 4	9n31	1n12	11n52	2s26	5n45	0n43	22s 8	0s15	23n13	0s 9	23s 9	23s12	22n30		n.a.

Julian Day Number = 1612821.5, Delta T = 03h52m14s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'35, Lahiri = - 8°03'34 Julian Calendar 1 Sept. 298 BCE == Greg. Calendar 28 Aug. 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

OCTOBER 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 18 59	3♎ 0'14	27♍ 4	19♎12	17♏56	6♊39	8♍55	7°R26	17♍20	22°R 8	20°R21	17°R22	18♐ 5	4♊45	n.a.	T 1
F 2	0 22 56	4° 0'27	11♎28	20°40	18°43	6°49	9° 8	7♉23	17°24	22♑ 8	20♊21	17♐11	18° 2	4°51	n.a.	F 2
S 3	0 26 52	5° 0'43	26° 2	22° 7	19°29	6°59	9°20	7°19	17°28	22° 7	20°21	17° 1	17°59	4°58	n.a.	S 3
S 4	0 30 49	6° 1'01	10♏41	23°33	20°14	7° 8	9°33	7°15	17°31	22° 7	20°21	16°54	17°55	5° 5	n.a.	S 4
M 5	0 34 46	7° 1'20	25°17	24°59	20°59	7°17	9°45	7°11	17°35	22° 7	20°20	16°50	17°52	5°11	n.a.	M 5
T 6	0 38 42	8° 1'41	9♐44	26°24	21°42	7°25	9°57	7° 7	17°39	22° 7	20°20	16°48	17°49	5°18	n.a.	T 6
W 7	0 42 39	9° 2'03	24° 0	27°49	22°25	7°32	10° 9	7° 3	17°42	22° 7	20°20	16°D48	17°46	5°24	n.a.	W 7
T 8	0 46 35	10° 2'27	8♑ 3	29°12	23° 6	7°38	10°22	6°59	17°46	22° 7	20°20	16°R48	17°43	5°31	n.a.	T 8
F 9	0 50 32	11° 2'53	21°52	0♏35	23°46	7°44	10°34	6°55	17°49	22°D 7	20°19	16°48	17°40	5°38	n.a.	F 9
S 10	0 54 28	12° 3'19	5♒28	1°57	24°25	7°49	10°46	6°51	17°53	22° 7	20°19	16°46	17°36	5°44	n.a.	S 10
S 11	0 58 25	13° 3'48	18°52	3°18	25° 3	7°53	10°58	6°47	17°56	22° 7	20°19	16°41	17°33	5°51	n.a.	S 11
M12	1 2 21	14° 4'17	2♓ 5	4°38	25°40	7°56	11°10	6°42	18° 0	22° 7	20°18	16°33	17°30	5°58	n.a.	M12
T 13	1 6 18	15° 4'48	15° 5	5°56	26°15	7°59	11°22	6°38	18° 3	22° 7	20°18	16°23	17°27	6° 4	n.a.	T 13
W14	1 10 15	16° 5'21	27°53	7°13	26°49	8° 1	11°33	6°33	18° 7	22° 7	20°17	16°12	17°24	6°11	n.a.	W14
T 15	1 14 11	17° 5'55	10♈30	8°29	27°21	8° 2	11°45	6°29	18°10	22° 7	20°17	16° 1	17°20	6°18	n.a.	T 15
F 16	1 18 8	18° 6'31	22°54	9°43	27°52	8°R 2	11°57	6°24	18°14	22° 8	20°16	15°50	17°17	6°24	n.a.	F 16
S 17	1 22 4	19° 7'08	5♉ 7	10°55	28°21	8° 1	12° 9	6°20	18°17	22° 8	20°16	15°41	17°14	6°31	n.a.	S 17
S 18	1 26 1	20° 7'47	17° 9	12° 4	28°49	8° 0	12°20	6°15	18°21	22° 8	20°15	15°35	17°11	6°38	n.a.	S 18
M19	1 29 57	21° 8'28	29° 3	13°11	29°15	7°57	12°32	6°10	18°24	22° 9	20°15	15°31	17° 8	6°44	n.a.	M19
T 20	1 33 54	22° 9'11	10♊51	14°16	29°39	7°54	12°43	6° 6	18°27	22° 9	20°14	15°D29	17° 5	6°51	n.a.	T 20
W21	1 37 50	23° 9'55	22°37	15°17	0♐ 2	7°50	12°55	6° 1	18°31	22° 9	20°14	15°29	17° 1	6°58	n.a.	W21
T 22	1 41 47	24°10'41	4♋25	16°14	0°23	7°45	13° 6	5°56	18°34	22°10	20°13	15°30	16°58	7° 4	n.a.	T 22
F 23	1 45 44	25°11'28	16°22	17° 7	0°41	7°39	13°17	5°51	18°37	22°10	20°12	15°32	16°55	7°11	n.a.	F 23
S 24	1 49 40	26°12'17	28°31	17°56	0°58	7°33	13°29	5°46	18°40	22°11	20°12	15°R32	16°52	7°17	n.a.	S 24
S 25	1 53 37	27°13'08	10♌59	18°39	1°13	7°25	13°40	5°41	18°43	22°11	20°11	15°31	16°49	7°24	n.a.	S 25
M26	1 57 33	28°14'00	23°49	19°16	1°26	7°17	13°51	5°37	18°47	22°12	20°10	15°28	16°46	7°31	n.a.	M26
T 27	2 1 30	29°14'54	7♍ 6	19°47	1°36	7° 7	14° 2	5°32	18°50	22°12	20°10	15°23	16°42	7°37	n.a.	T 27
W28	2 5 26	0♏15'50	20°51	20°10	1°45	6°57	14°13	5°27	18°53	22°13	20° 9	15°16	16°39	7°44	n.a.	W28
T 29	2 9 23	1°16'46	5♎ 4	20°25	1°51	6°46	14°23	5°22	18°56	22°14	20° 8	15° 9	16°36	7°51	n.a.	T 29
F 30	2 13 19	2°17'44	19°40	20°R30	1°54	6°34	14°34	5°17	18°59	22°14	20° 7	15° 1	16°33	7°57	n.a.	F 30
S 31	2 17 16	3♏18'44	4♏33	20♏26	1°R56	6♊22	14♍45	5♉12	19♍ 2	22♑15	20♊ 7	14♐55	16♐30	8♊ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	1s13	3s21	4s57	8s53	1s24	21s56	4s45	21n38	0s 3	9n26	1n12	11n51	2s27	5n43	0n43	22s 8	0s15	23n13	0s 9	23s 7	23s11	22n31			n.a.
F 2	1 37	8 48	4 35	9 33	1 30	22 12	4 48	21 42	0 1	9 21	1 12	11 50	2 27	5 42	0 43	22 8	0 15	23 13	0 9	23 6	23 11	22 31			n.a.
S 3	2 1	13 49	3 55	10 11	1 36	22 28	4 50	21 46	0n 1	9 17	1 12	11 49	2 27	5 40	0 43	22 8	0 15	23 13	0 9	23 5	23 11	22 32			n.a.
S 4	2 25	18 3	2 59	10 50	1 42	22 43	4 53	21 49	0 3	9 12	1 12	11 47	2 27	5 39	0 43	22 8	0 15	23 13	0 9	23 5	23 10	22 32			n.a.
M 5	2 49	21 7	1 52	11 27	1 47	22 58	4 56	21 53	0 5	9 7	1 12	11 46	2 27	5 37	0 43	22 9	0 15	23 13	0 9	23 4	23 10	22 32			n.a.
T 6	3 13	22 48	0 38	12 4	1 53	23 12	4 58	21 56	0 7	9 3	1 13	11 45	2 27	5 36	0 43	22 9	0 15	23 13	0 9	23 4	23 10	22 33			n.a.
W 7	3 37	22 57	0n38	12 39	1 58	23 25	5 0	21 59	0 9	8 58	1 13	11 43	2 27	5 35	0 43	22 9	0 15	23 13	0 9	23 4	23 10	22 33			n.a.
T 8	4 1	21 39	1 51	13 15	2 3	23 38	5 2	22 2	0 12	8 54	1 13	11 42	2 27	5 33	0 43	22 9	0 15	23 13	0 9	23 4	23 9	22 33			n.a.
F 9	4 25	19 3	2 55	13 49	2 8	23 50	5 4	22 5	0 14	8 49	1 13	11 40	2 27	5 32	0 43	22 9	0 15	23 14	0 9	23 4	23 9	22 34			n.a.
S 10	4 49	15 26	3 49	14 22	2 13	24 2	5 5	22 8	0 16	8 45	1 13	11 39	2 27	5 30	0 43	22 9	0 15	23 14	0 9	23 4	23 9	22 34			n.a.
S 11	5 13	11 5	4 29	14 54	2 17	24 12	5 6	22 11	0 18	8 40	1 13	11 37	2 27	5 29	0 43	22 9	0 15	23 14	0 9	23 3	23 8	22 34			n.a.
M12	5 37	6 17	4 54	15 26	2 21	24 23	5 7	22 14	0 20	8 36	1 13	11 36	2 28	5 28	0 43	22 9	0 15	23 14	0 9	23 3	23 8	22 35			n.a.
T 13	6 1	1 17	5 4	15 56	2 25	24 32	5 8	22 17	0 23	8 31	1 13	11 34	2 28	5 26	0 43	22 9	0 15	23 14	0 9	23 2	23 8	22 35			n.a.
W14	6 24	3n42	4 58	16 25	2 28	24 41	5 9	22 19	0 25	8 27	1 13	11 33	2 28	5 25	0 43	22 9	0 15	23 14	0 9	23 0	23 8	22 35			n.a.
T 15	6 48	8 26	4 37	16 53	2 31	24 49	5 9	22 22	0 27	8 22	1 14	11 31	2 28	5 23	0 43	22 8	0 15	23 14	0 9	22 59	23 7	22 36			n.a.
F 16	7 11	12 46	4 3	17 19	2 33	24 56	5 9	22 24	0 30	8 18	1 14	11 30	2 28	5 22	0 43	22 8	0 15	23 14	0 8	22 58	23 7	22 36			n.a.
S 17	7 34	16 30	3 19	17 44	2 35	25 2	5 9	22 26	0 32	8 13	1 14	11 28	2 28	5 21	0 43	22 8	0 15	23 14	0 8	22 57	23 7	22 36			n.a.
S 18	7 58	19 30	2 26	18 7	2 36	25 8	5 8	22 28	0 34	8 9	1 14	11 27	2 28	5 19	0 43	22 8	0 15	23 14	0 8	22 56	23 6	22 37			n.a.
M19	8 21	21 36	1 27	18 29	2 37	25 13	5 7	22 30	0 37	8 5	1 14	11 25	2 28	5 18	0 43	22 8	0 15	23 14	0 8	22 56	23 6	22 37			n.a.
T 20	8 44	22 45	0 25	18 49	2 37	25 17	5 6	22 32	0 39	8 0	1 14	11 23	2 28	5 17	0 43	22 8	0 15	23 14	0 8	22 56	23 6	22 37			n.a.
W21	9 7	22 53	0s38	19 7	2 37	25 21	5 4	22 34	0 42	7 56	1 14	11 22	2 28	5 16	0 43	22 8	0 15	23 14	0 8	22 56	23 5	22 37			n.a.
T 22	9 29	21 59	1 40	19 22	2 35	25 23	5 2	22 36	0 44	7 52	1 15	11 20	2 28	5 14	0 43	22 8	0 15	23 14	0 8	22 56	23 5	22 38			n.a.
F 23	9 52	20 5	2 39	19 36	2 33	25 25	4 59	22 37	0 47	7 48	1 15	11 19	2 28	5 13	0 43	22 8	0 15	23 14	0 8	22 56	23 5	22 38			n.a.
S 24	10 14	17 16	3 31	19 47	2 30	25 26	4 56	22 39	0 50	7 43	1 15	11 17	2 28	5 12	0 43	22 8	0 15	23 14	0 8	22 56	23 4	22 38			n.a.
S 25	10 36	13 36	4 15	19 55	2 26	25 26	4 53	22 40	0 52	7 39	1 15	11 15	2 28	5 11	0 43	22 8	0 15	23 14	0 8	22 56	23 4	22 39			n.a.
M26	10 59	9 13	4 48	20 1	2 21	25 25	4 49	22 41	0 55	7 35	1 15	11 14	2 28	5 9	0 43	22 8	0 15	23 14	0 8	22 56	23 4	22 39			n.a.
T 27	11 20	4 17	5 6	20 3	2 14	25 23	4 45	22 42	0 57	7 31	1 15	11 12	2 28	5 8	0 43	22 8	0 15	23 14	0 8	22 55	23 3	22 39			n.a.
W28	11 42	1s 2	5 8	20 2	2 6	25 20	4 41	22 43	1 0	7 27	1 16	11 11	2 28	5 7	0 43	22 8	0 15	23 14	0 8	22 54	23 3	22 39			n.a.
T 29	12 4	6 28	4 51	19 57	1 57	25 16	4 35	22 44	1 3	7 23	1 16	11 9	2 28	5 6	0 43	22 8	0 15	23 14	0 8	22 53	23 3	22 40			n.a.
F 30	12 25	11 42	4 15	19 48	1 46	25 12	4 30	22 45	1 5	7 19	1 16	11 7	2 28	5 5	0 43	22 7	0 15	23 14	0 8	22 53	23 2	22 40			n.a.
S 31	12s46	16s21	3s21	19s35	1s34	25s 6	4s23	22n45	1n 8	7n15	1n16	11n 6	2s28	5n 3	0n43	22s 7	0s15	23n14	0s 8	22s52	23s 2	22n40			n.a.

Julian Day Number = 1612851.5, Delta T = 03h52m13s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'31, Lahiri = - 8°03'30 Julian Calendar 1 Oct. 298 BCE == Greg. Calendar 27 Sept. 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

NOVEMBER 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 21 13	4♏19'44	19♏34	20°R11	1°R55	6°R 8	14♍55	5°R 7	19♍ 5	22♎16	20°R 6	14°R51	16♐26	8♊11	n.a.	S 1
M 2	2 25 9	5°20'46	4♐35	19♏46	1♐51	5♊54	15° 6	5♉ 2	19° 8	22°17	20♊ 5	14♐49	16°23	8°17	n.a.	M 2
T 3	2 29 6	6°21'49	19°26	19° 9	1°45	5°39	15°16	4°57	19°11	22°18	20° 4	14°D48	16°20	8°24	n.a.	T 3
W 4	2 33 2	7°22'52	4♎ 2	18°21	1°37	5°23	15°26	4°52	19°14	22°18	20° 3	14°49	16°17	8°31	n.a.	W 4
T 5	2 36 59	8°23'56	18°18	17°22	1°26	5° 6	15°37	4°47	19°16	22°19	20° 2	14°51	16°14	8°37	n.a.	T 5
F 6	2 40 55	9°25'01	2♒14	16°15	1°12	4°49	15°47	4°42	19°19	22°20	20° 1	14°52	16°11	8°44	n.a.	F 6
S 7	2 44 52	10°26'06	15°49	15° 0	0°56	4°31	15°57	4°37	19°22	22°21	20° 0	14°R52	16° 7	8°51	n.a.	S 7
S 8	2 48 48	11°27'12	29° 5	13°40	0°38	4°13	16° 7	4°32	19°25	22°22	19°59	14°51	16° 4	8°57	n.a.	S 8
M 9	2 52 45	12°28'18	12♓ 4	12°17	0°17	3°53	16°16	4°27	19°27	22°23	19°58	14°48	16° 1	9° 4	n.a.	M 9
T 10	2 56 42	13°29'25	24°47	10°55	29♏54	3°34	16°26	4°22	19°30	22°24	19°58	14°43	15°58	9°10	n.a.	T 10
W11	3 0 38	14°30'33	7♈18	9°35	29°29	3°13	16°36	4°17	19°32	22°25	19°57	14°38	15°55	9°17	n.a.	W11
T 12	3 4 35	15°31'41	19°37	8°21	29° 2	2°52	16°45	4°12	19°35	22°26	19°55	14°33	15°51	9°24	n.a.	T 12
F 13	3 8 31	16°32'49	1♉46	7°15	28°33	2°31	16°55	4° 8	19°37	22°28	19°54	14°28	15°48	9°30	n.a.	F 13
S 14	3 12 28	17°33'59	13°47	6°18	28° 3	2° 9	17° 4	4° 3	19°40	22°29	19°53	14°24	15°45	9°37	n.a.	S 14
S 15	3 16 24	18°35'09	25°42	5°32	27°30	1°47	17°13	3°58	19°42	22°30	19°52	14°21	15°42	9°44	n.a.	S 15
M16	3 20 21	19°36'19	7♊31	4°56	26°57	1°24	17°22	3°53	19°45	22°31	19°51	14°19	15°39	9°50	n.a.	M16
T 17	3 24 17	20°37'30	19°18	4°32	26°22	1° 1	17°31	3°49	19°47	22°33	19°50	14°D19	15°36	9°57	n.a.	T 17
W18	3 28 14	21°38'42	1♋ 5	4°18	25°47	0°38	17°40	3°44	19°49	22°34	19°49	14°20	15°32	10° 4	n.a.	W18
T 19	3 32 11	22°39'55	12°56	4°D15	25°11	0°14	17°48	3°40	19°52	22°35	19°48	14°22	15°29	10°10	n.a.	T 19
F 20	3 36 7	23°41'08	24°53	4°22	24°34	29♉51	17°57	3°35	19°54	22°37	19°47	14°23	15°26	10°17	n.a.	F 20
S 21	3 40 4	24°42'22	7♌ 2	4°37	23°57	29°27	18° 6	3°30	19°56	22°38	19°46	14°25	15°23	10°24	n.a.	S 21
S 22	3 44 0	25°43'36	19°27	5° 1	23°21	29° 3	18°14	3°26	19°58	22°39	19°45	14°26	15°20	10°30	n.a.	S 22
M23	3 47 57	26°44'51	2♍11	5°32	22°45	28°39	18°22	3°22	20° 0	22°41	19°43	14°R26	15°17	10°37	n.a.	M23
T 24	3 51 53	27°46'06	15°21	6° 9	22°10	28°15	18°30	3°17	20° 2	22°42	19°42	14°25	15°13	10°43	n.a.	T 24
W25	3 55 50	28°47'22	28°57	6°53	21°35	27°51	18°38	3°13	20° 4	22°44	19°41	14°24	15°10	10°50	n.a.	W25
T 26	3 59 47	29°48'38	13♎ 1	7°42	21° 2	27°27	18°46	3° 9	20° 6	22°45	19°40	14°22	15° 7	10°57	n.a.	T 26
F 27	4 3 43	0♐49'55	27°32	8°35	20°30	27° 4	18°54	3° 5	20° 8	22°47	19°39	14°20	15° 4	11° 3	n.a.	F 27
S 28	4 7 40	1°51'12	12♏25	9°33	19°59	26°40	19° 1	3° 1	20° 9	22°48	19°37	14°18	15° 1	11°10	n.a.	S 28
S 29	4 11 36	2°52'30	27°33	10°34	19°31	26°17	19° 9	2°57	20°11	22°50	19°36	14°17	14°57	11°17	n.a.	S 29
M30	4 15 33	3♐53'47	12♐47	11♏38	19♏ 4	25♉54	19♍16	2♉53	20♍13	22♎52	19♊35	14°D17	14♐54	11♊23	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s 7	19s58	2s13	19s18	1s20	24s59	4s17	22n45	1n11	7n11	1n16	11n 4	2s28	5n 2	0n43	22s 7	0s15	23n14	0s 7	22s51	23s 2	22n40		n.a.
M 2	13 28	22 13	0 55	18 56	1 5	24 51	4 9	22 46	1 14	7 7	1 16	11 2	2 27	5 1	0 43	22 7	0 15	23 14	0 7	22 51	23 2	22 40		n.a.
T 3	13 48	22 53	0n25	18 30	0 48	24 42	4 1	22 46	1 16	7 3	1 17	11 1	2 27	5 0	0 44	22 7	0 15	23 14	0 7	22 51	23 1	22 41		n.a.
W 4	14 9	21 57	1 43	17 59	0 30	24 32	3 53	22 45	1 19	6 59	1 17	10 59	2 27	4 59	0 44	22 7	0 15	23 14	0 7	22 51	23 1	22 41		n.a.
T 5	14 29	19 37	2 53	17 24	0 11	24 21	3 44	22 45	1 22	6 55	1 17	10 58	2 27	4 58	0 44	22 7	0 15	23 14	0 7	22 51	23 1	22 41		n.a.
F 6	14 48	16 10	3 50	16 45	0n10	24 9	3 34	22 45	1 25	6 51	1 17	10 56	2 27	4 57	0 44	22 6	0 15	23 14	0 7	22 52	23 0	22 41		n.a.
S 7	15 8	11 56	4 34	16 3	0 30	23 55	3 24	22 44	1 27	6 48	1 17	10 55	2 27	4 56	0 44	22 6	0 15	23 14	0 7	22 52	23 0	22 41		n.a.
S 8	15 27	7 14	5 1	15 20	0 51	23 41	3 13	22 43	1 30	6 44	1 18	10 53	2 27	4 55	0 44	22 6	0 15	23 14	0 7	22 51	23 0	22 42		n.a.
M 9	15 46	2 19	5 12	14 36	1 10	23 25	3 2	22 42	1 33	6 40	1 18	10 51	2 27	4 54	0 44	22 6	0 15	23 14	0 7	22 51	22 59	22 42		n.a.
T 10	16 5	2n36	5 8	13 52	1 29	23 9	2 50	22 41	1 35	6 37	1 18	10 50	2 27	4 53	0 44	22 6	0 15	23 14	0 7	22 51	22 59	22 42		n.a.
W11	16 23	7 20	4 49	13 11	1 47	22 51	2 38	22 39	1 38	6 33	1 18	10 48	2 27	4 52	0 44	22 6	0 15	23 14	0 7	22 50	22 59	22 42		n.a.
T 12	16 41	11 42	4 16	12 32	2 2	22 32	2 25	22 38	1 41	6 29	1 18	10 47	2 27	4 51	0 44	22 5	0 15	23 14	0 7	22 49	22 58	22 42		n.a.
F 13	16 59	15 33	3 33	11 58	2 16	22 13	2 11	22 36	1 43	6 26	1 19	10 45	2 26	4 50	0 44	22 5	0 15	23 14	0 7	22 49	22 58	22 42		n.a.
S 14	17 17	18 43	2 40	11 29	2 27	21 52	1 57	22 34	1 46	6 22	1 19	10 44	2 26	4 49	0 44	22 5	0 15	23 14	0 7	22 48	22 57	22 42		n.a.
S 15	17 34	21 3	1 41	11 5	2 36	21 31	1 43	22 32	1 48	6 19	1 19	10 42	2 26	4 48	0 44	22 5	0 15	23 14	0 7	22 48	22 57	22 43		n.a.
M16	17 51	22 27	0 37	10 46	2 42	21 9	1 29	22 30	1 51	6 16	1 19	10 41	2 26	4 47	0 44	22 5	0 15	23 14	0 7	22 48	22 57	22 43		n.a.
T 17	18 7	22 50	0s28	10 34	2 47	20 46	1 14	22 27	1 53	6 12	1 19	10 39	2 26	4 46	0 44	22 4	0 15	23 14	0 6	22 48	22 56	22 43		n.a.
W18	18 24	22 12	1 31	10 27	2 50	20 23	0 58	22 25	1 56	6 9	1 20	10 38	2 26	4 45	0 44	22 4	0 15	23 14	0 6	22 48	22 56	22 43		n.a.
T 19	18 40	20 35	2 32	10 24	2 51	19 59	0 43	22 22	1 58	6 6	1 20	10 37	2 26	4 44	0 44	22 4	0 15	23 14	0 6	22 48	22 56	22 43		n.a.
F 20	18 55	18 2	3 26	10 27	2 51	19 35	0 27	22 19	2 0	6 3	1 20	10 35	2 25	4 43	0 44	22 4	0 15	23 14	0 6	22 48	22 55	22 43		n.a.
S 21	19 11	14 41	4 12	10 33	2 50	19 11	0 12	22 16	2 3	5 59	1 20	10 34	2 25	4 43	0 44	22 4	0 16	23 14	0 6	22 48	22 55	22 43		n.a.
S 22	19 25	10 37	4 47	10 44	2 47	18 47	0n 4	22 13	2 5	5 56	1 20	10 32	2 25	4 42	0 44	22 3	0 16	23 14	0 6	22 49	22 55	22 43		n.a.
M23	19 40	6 0	5 10	10 58	2 43	18 22	0 19	22 10	2 7	5 53	1 21	10 31	2 25	4 41	0 44	22 3	0 16	23 14	0 6	22 49	22 54	22 44		n.a.
T 24	19 54	0 59	5 17	11 15	2 39	17 58	0 35	22 6	2 9	5 50	1 21	10 30	2 25	4 40	0 44	22 3	0 16	23 14	0 6	22 48	22 54	22 44		n.a.
W25	20 8	4s15	5 7	11 34	2 33	17 35	0 50	22 3	2 11	5 47	1 21	10 29	2 24	4 39	0 44	22 3	0 16	23 14	0 6	22 48	22 54	22 44		n.a.
T 26	20 21	9 28	4 38	11 55	2 28	17 11	1 5	21 59	2 13	5 45	1 21	10 27	2 24	4 39	0 44	22 2	0 16	23 13	0 6	22 48	22 53	22 44		n.a.
F 27	20 34	14 19	3 51	12 18	2 21	16 49	1 20	21 56	2 15	5 42	1 22	10 26	2 24	4 38	0 44	22 2	0 16	23 13	0 6	22 48	22 53	22 44		n.a.
S 28	20 47	18 25	2 48	12 43	2 15	16 27	1 34	21 52	2 17	5 39	1 22	10 25	2 24	4 37	0 44	22 2	0 16	23 13	0 6	22 48	22 53	22 44		n.a.
S 29	20 59	21 20	1 32	13 9	2 8	16 6	1 48	21 48	2 19	5 36	1 22	10 24	2 24	4 37	0 44	22 2	0 16	23 13	0 6	22 48	22 52	22 44		n.a.
M30	21s11	22s45	0s 8	13s36	2n 0	15s45	2n 1	21n44	2n20	5n34	1n22	10n23	2s23	4n36	0n44	22s 1	0s16	23n13	0s 6	22s48	22s52	22n44		n.a.

Julian Day Number = 1612882.5, Delta T = 03h52m12s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'27, Lahiri = - 8°03'26 Julian Calendar 1 Nov. 298 BCE == Greg. Calendar 28 Oct. 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 298 BCE
geocentric

DECEMBER 298 BCE (-297) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 19 29	4♐55'05	27♐57	12♏45	18°R39	25°R32	19♍23	2°R49	20♍15	22♉53	19°R34	14♐17	14♐51	11♊30	n.a.	T 1
W 2	4 23 26	5°56'22	12♉53	13°55	18♏16	25♉10	19°30	2♉45	20°16	22°55	19♊32	14°18	14°48	11°37	n.a.	W 2
T 3	4 27 22	6°57'39	27°29	15° 7	17°56	24°48	19°37	2°42	20°18	22°57	19°31	14°18	14°45	11°43	n.a.	T 3
F 4	4 31 19	7°58'56	11♒41	16°20	17°38	24°27	19°44	2°38	20°19	22°58	19°30	14°19	14°42	11°50	n.a.	F 4
S 5	4 35 16	9° 0'12	25°26	17°36	17°22	24° 7	19°50	2°35	20°21	23° 0	19°29	14°19	14°38	11°57	n.a.	S 5
S 6	4 39 12	10° 1'27	8♓46	18°53	17° 9	23°46	19°56	2°31	20°22	23° 2	19°27	14°R20	14°35	12° 3	n.a.	S 6
M 7	4 43 9	11° 2'42	21°43	20°12	16°58	23°27	20° 3	2°28	20°23	23° 4	19°26	14°20	14°32	12°10	n.a.	M 7
T 8	4 47 5	12° 3'56	4♈19	21°32	16°50	23° 8	20° 9	2°25	20°25	23° 5	19°25	14°19	14°29	12°17	n.a.	T 8
W 9	4 51 2	13° 5'10	16°40	22°53	16°44	22°50	20°15	2°21	20°26	23° 7	19°24	14°19	14°26	12°23	n.a.	W 9
T 10	4 54 58	14° 6'23	28°47	24°15	16°40	22°32	20°21	2°18	20°27	23° 9	19°22	14°D19	14°23	12°30	n.a.	T 10
F 11	4 58 55	15° 7'36	10♉46	25°38	16°D40	22°15	20°26	2°15	20°28	23°11	19°21	14°19	14°19	12°36	n.a.	F 11
S 12	5 2 51	16° 8'48	22°38	27° 2	16°41	21°59	20°32	2°12	20°29	23°13	19°20	14°19	14°16	12°43	n.a.	S 12
S 13	5 6 48	17° 9'59	4♊27	28°27	16°45	21°44	20°37	2°10	20°30	23°15	19°18	14°19	14°13	12°50	n.a.	S 13
M14	5 10 45	18°11'10	16°14	29°53	16°51	21°29	20°42	2° 7	20°31	23°17	19°17	14°R19	14°10	12°56	n.a.	M14
T 15	5 14 41	19°12'21	28° 3	1♐19	17° 0	21°15	20°47	2° 4	20°32	23°19	19°16	14°19	14° 7	13° 3	n.a.	T 15
W16	5 18 38	20°13'30	9♋55	2°46	17°11	21° 2	20°52	2° 2	20°33	23°21	19°15	14°19	14° 3	13°10	n.a.	W16
T 17	5 22 34	21°14'40	21°52	4°14	17°24	20°50	20°57	2° 0	20°34	23°23	19°13	14°18	14° 0	13°16	n.a.	T 17
F 18	5 26 31	22°15'48	3♌57	5°43	17°39	20°38	21° 1	1°57	20°34	23°25	19°12	14°17	13°57	13°23	n.a.	F 18
S 19	5 30 27	23°16'56	16°12	7°12	17°57	20°27	21° 6	1°55	20°35	23°27	19°11	14°16	13°54	13°30	n.a.	S 19
S 20	5 34 24	24°18'04	28°40	8°42	18°16	20°17	21°10	1°53	20°36	23°29	19° 9	14°15	13°51	13°36	n.a.	S 20
M21	5 38 21	25°19'11	11♍24	10°12	18°37	20° 8	21°14	1°51	20°36	23°31	19° 8	14°14	13°48	13°43	n.a.	M21
T 22	5 42 17	26°20'17	24°28	11°43	19° 0	20° 0	21°17	1°49	20°37	23°33	19° 7	14°D13	13°44	13°50	n.a.	T 22
W23	5 46 14	27°21'23	7♎54	13°15	19°25	19°52	21°21	1°48	20°37	23°35	19° 6	14°13	13°41	13°56	n.a.	W23
T 24	5 50 10	28°22'28	21°44	14°47	19°52	19°45	21°25	1°46	20°38	23°37	19° 4	14°14	13°38	14° 3	n.a.	T 24
F 25	5 54 7	29°23'33	5♏58	16°20	20°20	19°39	21°28	1°44	20°38	23°39	19° 3	14°15	13°35	14°10	n.a.	F 25
S 26	5 58 3	0♑24'37	20°35	17°53	20°50	19°34	21°31	1°43	20°38	23°41	19° 2	14°17	13°32	14°16	n.a.	S 26
S 27	6 2 0	1°25'40	5♐31	19°27	21°22	19°30	21°34	1°42	20°38	23°43	19° 0	14°17	13°29	14°23	n.a.	S 27
M28	6 5 56	2°26'43	20°38	21° 2	21°55	19°26	21°37	1°40	20°39	23°46	18°59	14°R17	13°25	14°29	n.a.	M28
T 29	6 9 53	3°27'44	5♑48	22°37	22°30	19°24	21°39	1°39	20°39	23°48	18°58	14°17	13°22	14°36	n.a.	T 29
W30	6 13 50	4°28'44	20°52	24°13	23° 5	19°22	21°42	1°38	20°R39	23°50	18°57	14°15	13°19	14°43	n.a.	W30
T 31	6 17 46	5♑29'43	5♒40	25♐50	23♏43	19♉20	21♍44	1♉38	20♍39	23♑52	18♊56	14♐12	13♐16	14♊49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21s23	22s28	1n15	14s 4	1n53	15s26	2n14	21n40	2n22	5n31	1n23	10n21	2s23	4n35	0n44	22s 1	0s16	23n13	0s 6	22s48	22s51	22n44		n.a.	T 1
W 2	21 34	20 34	2 32	14 32	1 45	15 8	2 27	21 36	2 23	5 28	1 23	10 20	2 23	4 35	0 44	22 1	0 16	23 13	0 6	22 48	22 51	22 44		n.a.	W 2
T 3	21 44	17 21	3 38	15 1	1 37	14 51	2 39	21 32	2 25	5 26	1 23	10 19	2 23	4 34	0 44	22 0	0 16	23 13	0 5	22 48	22 51	22 44		n.a.	T 3
F 4	21 54	13 12	4 28	15 30	1 29	14 35	2 50	21 29	2 26	5 23	1 23	10 18	2 23	4 34	0 45	22 0	0 16	23 13	0 5	22 48	22 50	22 44		n.a.	F 4
S 5	22 4	8 28	5 1	15 59	1 21	14 20	3 1	21 25	2 28	5 21	1 24	10 17	2 22	4 33	0 45	22 0	0 16	23 13	0 5	22 48	22 50	22 44		n.a.	S 5
S 6	22 13	3 30	5 17	16 28	1 13	14 6	3 11	21 21	2 29	5 19	1 24	10 16	2 22	4 33	0 45	22 0	0 16	23 13	0 5	22 48	22 50	22 44		n.a.	S 6
M 7	22 22	1n30	5 16	16 58	1 5	13 54	3 21	21 17	2 30	5 17	1 24	10 15	2 22	4 32	0 45	21 59	0 16	23 13	0 5	22 48	22 49	22 44		n.a.	M 7
T 8	22 31	6 18	4 59	17 27	0 57	13 42	3 30	21 13	2 31	5 14	1 24	10 15	2 22	4 32	0 45	21 59	0 16	23 13	0 5	22 48	22 49	22 44		n.a.	T 8
W 9	22 39	10 45	4 29	17 55	0 49	13 33	3 39	21 9	2 32	5 12	1 25	10 14	2 21	4 31	0 45	21 59	0 16	23 13	0 5	22 48	22 49	22 44		n.a.	W 9
T 10	22 46	14 42	3 47	18 24	0 41	13 24	3 47	21 6	2 33	5 10	1 25	10 13	2 21	4 31	0 45	21 58	0 16	23 13	0 5	22 48	22 48	22 44		n.a.	T 10
F 11	22 53	18 1	2 56	18 52	0 34	13 16	3 55	21 2	2 34	5 8	1 25	10 12	2 21	4 30	0 45	21 58	0 16	23 13	0 5	22 48	22 48	22 44		n.a.	F 11
S 12	23 0	20 33	1 58	19 19	0 26	13 10	4 2	20 59	2 35	5 6	1 25	10 11	2 21	4 30	0 45	21 58	0 16	23 13	0 5	22 48	22 47	22 44		n.a.	S 12
S 13	23 6	22 11	0 55	19 46	0 18	13 5	4 8	20 55	2 36	5 4	1 26	10 11	2 20	4 30	0 45	21 57	0 16	23 13	0 5	22 48	22 47	22 44		n.a.	S 13
M14	23 12	22 50	0s11	20 12	0 10	13 1	4 14	20 52	2 36	5 3	1 26	10 10	2 20	4 29	0 45	21 57	0 16	23 13	0 5	22 48	22 47	22 44		n.a.	M14
T 15	23 17	22 27	1 16	20 38	0 3	12 58	4 19	20 49	2 37	5 1	1 26	10 9	2 20	4 29	0 45	21 57	0 16	23 13	0 5	22 48	22 46	22 44		n.a.	T 15
W16	23 22	21 4	2 18	21 2	0s 5	12 57	4 24	20 46	2 38	4 59	1 27	10 9	2 20	4 29	0 45	21 56	0 16	23 13	0 5	22 48	22 46	22 44		n.a.	W16
T 17	23 26	18 44	3 14	21 27	0 12	12 56	4 29	20 43	2 38	4 57	1 27	10 8	2 19	4 28	0 45	21 56	0 16	23 13	0 5	22 48	22 46	22 44		n.a.	T 17
F 18	23 30	15 35	4 2	21 50	0 19	12 56	4 33	20 40	2 39	4 56	1 27	10 8	2 19	4 28	0 45	21 56	0 16	23 13	0 4	22 48	22 45	22 44		n.a.	F 18
S 19	23 33	11 43	4 40	22 12	0 26	12 58	4 36	20 38	2 39	4 54	1 27	10 7	2 19	4 28	0 45	21 55	0 16	23 13	0 4	22 47	22 45	22 44		n.a.	S 19
S 20	23 36	7 18	5 6	22 33	0 33	13 0	4 40	20 36	2 40	4 53	1 28	10 7	2 18	4 28	0 45	21 55	0 16	23 13	0 4	22 47	22 44	22 44		n.a.	S 20
M21	23 39	2 30	5 17	22 54	0 39	13 3	4 42	20 33	2 40	4 52	1 28	10 6	2 18	4 27	0 45	21 55	0 16	23 13	0 4	22 47	22 44	22 44		n.a.	M21
T 22	23 41	2s33	5 12	23 13	0 46	13 7	4 45	20 31	2 40	4 50	1 28	10 6	2 18	4 27	0 45	21 54	0 16	23 12	0 4	22 47	22 44	22 44		n.a.	T 22
W23	23 42	7 37	4 51	23 31	0 52	13 12	4 47	20 29	2 40	4 49	1 28	10 5	2 18	4 27	0 45	21 54	0 16	23 12	0 4	22 47	22 43	22 44		n.a.	W23
T 24	23 43	12 27	4 12	23 49	0 58	13 17	4 48	20 28	2 41	4 48	1 29	10 5	2 17	4 27	0 45	21 54	0 16	23 12	0 4	22 47	22 43	22 44		n.a.	T 24
F 25	23 44	16 46	3 17	24 5	1 4	13 24	4 50	20 26	2 41	4 47	1 29	10 5	2 17	4 27	0 45	21 53	0 16	23 12	0 4	22 47	22 42	22 44		n.a.	F 25
S 26	23 44	20 10	2 8	24 19	1 9	13 30	4 51	20 25	2 41	4 46	1 29	10 5	2 17	4 27	0 45	21 53	0 16	23 12	0 4	22 47	22 42	22 43		n.a.	S 26
S 27	23 43	22 17	0 48	24 33	1 15	13 38	4 52	20 24	2 41	4 45	1 30	10 5	2 16	4 27	0 45	21 53	0 16	23 12	0 4	22 48	22 42	22 43		n.a.	S 27
M28	23 42	22 49	0n35	24 45	1 20	13 46	4 52	20 23	2 41	4 44	1 30	10 4	2 16	4 27	0 45	21 52	0 16	23 12	0 4	22 48	22 41	22 43		n.a.	M28
T 29	23 41	21 40	1 56	24 56	1 25	13 55	4 52	20 22	2 41	4 44	1 30	10 4	2 16	4 27	0 46	21 52	0 16	23 12	0 4	22 47	22 41	22 43		n.a.	T 29
W30	23 39	18 59	3 9	25 6	1 30	14 4	4 52	20 21	2 41	4 43	1 30	10 4	2 16	4 27	0 46	21 52	0 16	23 12	0 4	22 47	22 40	22 43		n.a.	W30
T 31	23s37	15s 5	4n 7	25s14	1s34	14s13	4n51	20n21	2n41	4n42	1n31	10n 4	2s15	4n27	0n46	21s51	0s16	23n12	0s 4	22s47	22s40	22n43		n.a.	T 31

Julian Day Number = 1612912.5, Delta T = 03h52m10s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'22, Lahiri = - 8°03'22 Julian Calendar 1 Dec. 298 BCE == Greg. Calendar 27 Nov. 298 BCE

The year -297 astronomical counting style corresponds to year 298 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

JANUARY 297 BCE (-296) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 21 43	6♑30'41	20♒ 5	27♐27	24♏21	19°D20	21♍46	1°R37	20°R39	23♑54	18°R54	14°R 9	13♐13	14♊56	n.a.	F 1
S 2	6 25 39	7°31'37	4♓ 4	29° 5	25° 1	19♉20	21°48	1♉36	20♍39	23°56	18♊53	14♐ 5	13° 9	15° 3	n.a.	S 2
S 3	6 29 36	8°32'31	17°34	0♑44	25°42	19°21	21°49	1°36	20°38	23°59	18°52	14° 3	13° 6	15° 9	n.a.	S 3
M 4	6 33 32	9°33'24	0♈37	2°24	26°23	19°23	21°51	1°35	20°38	24° 1	18°51	14° 2	13° 3	15°16	n.a.	M 4
T 5	6 37 29	10°34'15	13°15	4° 4	27° 6	19°26	21°52	1°35	20°38	24° 3	18°49	14°D 1	13° 0	15°23	n.a.	T 5
W 6	6 41 25	11°35'05	25°34	5°45	27°50	19°29	21°53	1°35	20°37	24° 5	18°48	14° 2	12°57	15°29	n.a.	W 6
T 7	6 45 22	12°35'53	7♉38	7°27	28°35	19°33	21°54	1°D35	20°37	24° 8	18°47	14° 4	12°54	15°36	n.a.	T 7
F 8	6 49 19	13°36'40	19°32	9° 9	29°21	19°38	21°54	1°35	20°37	24°10	18°46	14° 5	12°50	15°43	n.a.	F 8
S 9	6 53 15	14°37'25	1♊20	10°53	0♐ 8	19°43	21°55	1°35	20°36	24°12	18°45	14° 7	12°47	15°49	n.a.	S 9
S 10	6 57 12	15°38'08	13° 6	12°37	0°56	19°49	21°55	1°35	20°36	24°14	18°44	14°R 8	12°44	15°56	n.a.	S 10
M11	7 1 8	16°38'50	24°54	14°22	1°45	19°56	21°R55	1°36	20°35	24°17	18°43	14° 7	12°41	16° 3	n.a.	M11
T 12	7 5 5	17°39'30	6♋47	16° 7	2°34	20° 4	21°55	1°36	20°34	24°19	18°41	14° 5	12°38	16° 9	n.a.	T 12
W13	7 9 1	18°40'08	18°47	17°54	3°24	20°12	21°55	1°37	20°34	24°21	18°40	14° 1	12°35	16°16	n.a.	W13
T 14	7 12 58	19°40'45	0♌55	19°41	4°15	20°20	21°55	1°38	20°33	24°23	18°39	13°55	12°31	16°22	n.a.	T 14
F 15	7 16 55	20°41'20	13°14	21°30	5° 7	20°29	21°54	1°39	20°32	24°26	18°38	13°49	12°28	16°29	n.a.	F 15
S 16	7 20 51	21°41'54	25°43	23°19	5°59	20°39	21°53	1°40	20°31	24°28	18°37	13°42	12°25	16°36	n.a.	S 16
S 17	7 24 48	22°42'26	8♍24	25° 8	6°52	20°50	21°52	1°41	20°30	24°30	18°36	13°35	12°22	16°42	n.a.	S 17
M18	7 28 44	23°42'57	21°18	26°59	7°46	21° 1	21°51	1°42	20°29	24°32	18°35	13°29	12°19	16°49	n.a.	M18
T 19	7 32 41	24°43'26	4♎27	28°50	8°40	21°12	21°50	1°43	20°28	24°35	18°34	13°26	12°15	16°56	n.a.	T 19
W20	7 36 37	25°43'54	17°51	0♒41	9°35	21°24	21°48	1°45	20°27	24°37	18°33	13°24	12°12	17° 2	n.a.	W20
T 21	7 40 34	26°44'20	1♏32	2°34	10°31	21°37	21°46	1°46	20°26	24°39	18°32	13°D23	12° 9	17° 9	n.a.	T 21
F 22	7 44 30	27°44'45	15°31	4°26	11°27	21°50	21°44	1°48	20°25	24°42	18°31	13°24	12° 6	17°16	n.a.	F 22
S 23	7 48 27	28°45'08	29°48	6°19	12°23	22° 3	21°42	1°50	20°24	24°44	18°30	13°26	12° 3	17°22	n.a.	S 23
S 24	7 52 23	29°45'31	14♐22	8°12	13°20	22°17	21°40	1°52	20°22	24°46	18°29	13°R26	12° 0	17°29	n.a.	S 24
M25	7 56 20	0♒45'51	29° 8	10° 5	14°18	22°32	21°37	1°54	20°21	24°48	18°28	13°25	11°56	17°36	n.a.	M25
T 26	8 0 17	1°46'10	14♑ 0	11°57	15°16	22°47	21°34	1°56	20°20	24°51	18°27	13°22	11°53	17°42	n.a.	T 26
W27	8 4 13	2°46'27	28°52	13°49	16°14	23° 3	21°32	1°58	20°18	24°53	18°26	13°16	11°50	17°49	n.a.	W27
T 28	8 8 10	3°46'42	13♒34	15°40	17°13	23°19	21°29	2° 0	20°17	24°55	18°26	13° 9	11°47	17°55	n.a.	T 28
F 29	8 12 6	4°46'55	28° 0	17°30	18°13	23°35	21°25	2° 3	20°15	24°57	18°25	13° 0	11°44	18° 2	n.a.	F 29
S 30	8 16 3	5°47'06	12♓ 2	19°18	19°12	23°52	21°22	2° 5	20°14	25° 0	18°24	12°52	11°41	18° 9	n.a.	S 30
S 31	8 19 59	6♒47'14	25♓38	21♒ 4	20♐12	24♉ 9	21♍18	2♉ 8	20♍12	25♑ 2	18♊23	12♐44	11♐37	18♊15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s34	10 s24	4n48	25 s20	1 s38	14 s23	4n51	20n21	2n40	4n42	1n31	10n 4	2 s15	4n27	0n46	21 s51	0 s16	23n12	0 s 4	22 s47	22 s40	22n43		n.a.
S 2	23 31	5 19	5 11	25 26	1 42	14 34	4 50	20 21	2 40	4 41	1 31	10 4	2 15	4 27	0 46	21 50	0 16	23 12	0 3	22 46	22 39	22 43		n.a.
S 3	23 27	0 9	5 15	25 29	1 45	14 44	4 49	20 21	2 40	4 41	1 32	10 4	2 14	4 27	0 46	21 50	0 16	23 12	0 3	22 46	22 39	22 43		n.a.
M 4	23 23	4n51	5 2	25 31	1 49	14 56	4 47	20 21	2 40	4 41	1 32	10 5	2 14	4 27	0 46	21 50	0 16	23 12	0 3	22 46	22 38	22 42		n.a.
T 5	23 18	9 31	4 35	25 32	1 52	15 7	4 46	20 21	2 40	4 40	1 32	10 5	2 14	4 27	0 46	21 49	0 16	23 12	0 3	22 46	22 38	22 42		n.a.
W 6	23 13	13 40	3 56	25 30	1 54	15 18	4 44	20 22	2 39	4 40	1 33	10 5	2 13	4 28	0 46	21 49	0 16	23 12	0 3	22 46	22 38	22 42		n.a.
T 7	23 8	17 10	3 7	25 27	1 56	15 30	4 42	20 23	2 39	4 40	1 33	10 5	2 13	4 28	0 46	21 48	0 16	23 12	0 3	22 46	22 37	22 42		n.a.
F 8	23 1	19 56	2 11	25 22	1 58	15 42	4 40	20 24	2 39	4 40	1 33	10 6	2 13	4 28	0 46	21 48	0 16	23 12	0 3	22 46	22 37	22 42		n.a.
S 9	22 55	21 49	1 10	25 16	2 0	15 54	4 37	20 25	2 38	4 40	1 33	10 6	2 13	4 28	0 46	21 48	0 16	23 12	0 3	22 46	22 36	22 42		n.a.
S 10	22 48	22 44	0 6	25 8	2 1	16 7	4 35	20 27	2 38	4 40	1 34	10 6	2 12	4 28	0 46	21 47	0 16	23 12	0 3	22 46	22 36	22 41		n.a.
M11	22 41	22 39	0 s59	24 57	2 1	16 19	4 32	20 28	2 38	4 41	1 34	10 7	2 12	4 29	0 46	21 47	0 16	23 12	0 3	22 46	22 36	22 41		n.a.
T 12	22 33	21 33	2 1	24 45	2 2	16 31	4 30	20 30	2 37	4 41	1 34	10 7	2 12	4 29	0 46	21 47	0 16	23 12	0 3	22 46	22 35	22 41		n.a.
W13	22 25	19 27	2 58	24 31	2 1	16 44	4 27	20 31	2 37	4 41	1 35	10 8	2 11	4 29	0 46	21 46	0 16	23 12	0 3	22 46	22 35	22 41		n.a.
T 14	22 16	16 29	3 48	24 15	2 1	16 56	4 23	20 33	2 37	4 42	1 35	10 8	2 11	4 30	0 46	21 46	0 16	23 12	0 3	22 45	22 34	22 41		n.a.
F 15	22 7	12 47	4 28	23 57	1 59	17 9	4 20	20 36	2 36	4 42	1 35	10 9	2 11	4 30	0 46	21 45	0 16	23 12	0 3	22 44	22 34	22 41		n.a.
S 16	21 57	8 28	4 55	23 37	1 58	17 21	4 17	20 38	2 36	4 43	1 35	10 10	2 10	4 30	0 46	21 45	0 16	23 12	0 3	22 43	22 34	22 40		n.a.
S 17	21 48	3 45	5 9	23 15	1 55	17 34	4 13	20 40	2 35	4 44	1 36	10 10	2 10	4 31	0 46	21 45	0 16	23 12	0 2	22 42	22 33	22 40		n.a.
M18	21 37	1 s13	5 8	22 51	1 53	17 46	4 10	20 43	2 35	4 44	1 36	10 11	2 10	4 31	0 46	21 44	0 16	23 12	0 2	22 42	22 33	22 40		n.a.
T 19	21 26	6 13	4 50	22 25	1 49	17 58	4 6	20 45	2 34	4 45	1 36	10 12	2 9	4 32	0 46	21 44	0 16	23 12	0 2	22 41	22 32	22 40		n.a.
W20	21 15	11 1	4 16	21 57	1 45	18 10	4 2	20 48	2 34	4 46	1 37	10 12	2 9	4 32	0 46	21 43	0 16	23 12	0 2	22 41	22 32	22 39		n.a.
T 21	21 4	15 23	3 28	21 28	1 41	18 22	3 58	20 51	2 33	4 47	1 37	10 13	2 9	4 33	0 46	21 43	0 16	23 11	0 2	22 41	22 31	22 39		n.a.
F 22	20 52	19 0	2 26	20 56	1 35	18 33	3 54	20 54	2 33	4 48	1 37	10 14	2 9	4 33	0 46	21 43	0 16	23 11	0 2	22 41	22 31	22 39		n.a.
S 23	20 40	21 33	1 13	20 22	1 30	18 45	3 50	20 57	2 32	4 49	1 37	10 15	2 8	4 34	0 46	21 42	0 16	23 11	0 2	22 41	22 31	22 39		n.a.
S 24	20 27	22 43	0n 5	19 46	1 23	18 56	3 46	21 0	2 32	4 50	1 38	10 16	2 8	4 34	0 46	21 42	0 16	23 11	0 2	22 41	22 30	22 39		n.a.
M25	20 14	22 20	1 24	19 9	1 16	19 7	3 42	21 4	2 31	4 52	1 38	10 17	2 8	4 35	0 46	21 41	0 16	23 11	0 2	22 41	22 30	22 38		n.a.
T 26	20 0	20 22	2 37	18 30	1 8	19 18	3 38	21 7	2 31	4 53	1 38	10 18	2 7	4 35	0 47	21 41	0 16	23 11	0 2	22 41	22 29	22 38		n.a.
W27	19 47	17 3	3 40	17 50	0 59	19 28	3 33	21 11	2 30	4 54	1 38	10 19	2 7	4 36	0 47	21 41	0 16	23 11	0 2	22 40	22 29	22 38		n.a.
T 28	19 33	12 41	4 27	17 8	0 50	19 39	3 29	21 14	2 30	4 56	1 39	10 20	2 7	4 37	0 47	21 40	0 16	23 11	0 2	22 39	22 28	22 37		n.a.
F 29	19 18	7 41	4 56	16 25	0 40	19 49	3 24	21 18	2 29	4 57	1 39	10 21	2 6	4 37	0 47	21 40	0 16	23 11	0 2	22 38	22 28	22 37		n.a.
S 30	19 3	2 25	5 7	15 41	0 29	19 58	3 20	21 22	2 29	4 59	1 39	10 22	2 6	4 38	0 47	21 39	0 16	23 11	0 2	22 37	22 28	22 37		n.a.
S 31	18 s48	2n49	4n59	14 s56	0 s18	20 s 7	3n15	21n26	2n28	5n 1	1n39	10n24	2 s 6	4n38	0n47	21 s39	0 s16	23n11	0 s 2	22 s36	22 s27	22n37		n.a.

Julian Day Number = 1612943.5, Delta T = 03h52m09s
Ecliptic obliquity = 23°43'49, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'18, Lahiri = - 8°03'18 Julian Calendar 1 Jan. 297 BCE == Greg. Calendar 28 Dec. 298 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

FEBRUARY 297 BCE (-296) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 23 56	7♒47'21	8♈47	22♒47	21♐13	24♉27	21°R14	2♉11	20°R10	25♋ 4	18°R22	12°R38	11♐34	18♊22	n.a.	M 1
T 2	8 27 52	8°47'25	21°30	24°28	22°13	24°45	21♍11	2°13	20♍ 9	25° 6	18♊22	12♐34	11°31	18°29	n.a.	T 2
W 3	8 31 49	9°47'28	3♉53	26° 5	23°15	25° 4	21° 6	2°16	20° 7	25° 9	18°21	12°32	11°28	18°35	n.a.	W 3
T 4	8 35 46	10°47'27	15°58	27°38	24°16	25°23	21° 2	2°19	20° 5	25°11	18°20	12°D32	11°25	18°42	n.a.	T 4
F 5	8 39 42	11°47'25	27°51	29° 6	25°18	25°42	20°58	2°23	20° 3	25°13	18°19	12°33	11°21	18°49	n.a.	F 5
S 6	8 43 39	12°47'20	9♊39	0♓29	26°20	26° 2	20°53	2°26	20° 2	25°15	18°19	12°R34	11°18	18°55	n.a.	S 6
S 7	8 47 35	13°47'14	21°26	1°46	27°22	26°22	20°48	2°29	20° 0	25°17	18°18	12°33	11°15	19° 2	n.a.	S 7
M 8	8 51 32	14°47'04	3♋16	2°57	28°25	26°42	20°44	2°33	19°58	25°20	18°17	12°31	11°12	19° 9	n.a.	M 8
T 9	8 55 28	15°46'53	15°14	4° 1	29°28	27° 3	20°38	2°36	19°56	25°22	18°17	12°26	11° 9	19°15	n.a.	T 9
W10	8 59 25	16°46'39	27°23	4°59	0♌31	27°24	20°33	2°40	19°54	25°24	18°16	12°19	11° 6	19°22	n.a.	W10
T 11	9 3 21	17°46'23	9♎45	5°48	1°34	27°46	20°28	2°44	19°52	25°26	18°16	12° 9	11° 2	19°29	n.a.	T 11
F 12	9 7 18	18°46'05	22°20	6°30	2°38	28° 7	20°22	2°47	19°50	25°28	18°15	11°58	10°59	19°35	n.a.	F 12
S 13	9 11 15	19°45'45	5♍ 8	7° 3	3°42	28°29	20°17	2°51	19°48	25°30	18°15	11°45	10°56	19°42	n.a.	S 13
S 14	9 15 11	20°45'23	18°10	7°29	4°46	28°52	20°11	2°55	19°46	25°32	18°14	11°34	10°53	19°48	n.a.	S 14
M15	9 19 8	21°44'59	1♎23	7°46	5°51	29°14	20° 5	3° 0	19°44	25°35	18°14	11°24	10°50	19°55	n.a.	M15
T 16	9 23 4	22°44'33	14°48	7°54	6°55	29°37	19°59	3° 4	19°41	25°37	18°13	11°16	10°46	20° 2	n.a.	T 16
W17	9 27 1	23°44'05	28°23	7°R54	8° 0	0♊ 1	19°53	3° 8	19°39	25°39	18°13	11°11	10°43	20° 8	n.a.	W17
T 18	9 30 57	24°43'35	12♏ 8	7°47	9° 5	0°24	19°47	3°12	19°37	25°41	18°12	11° 9	10°40	20°15	n.a.	T 18
F 19	9 34 54	25°43'03	26° 4	7°31	10°11	0°48	19°40	3°17	19°35	25°43	18°12	11°D 8	10°37	20°22	n.a.	F 19
S 20	9 38 50	26°42'30	10♐ 9	7° 9	11°16	1°12	19°34	3°22	19°32	25°45	18°11	11°R 8	10°34	20°28	n.a.	S 20
S 21	9 42 47	27°41'55	24°23	6°39	12°22	1°36	19°27	3°26	19°30	25°47	18°11	11° 8	10°31	20°35	n.a.	S 21
M22	9 46 44	28°41'18	8♋46	6° 4	13°28	2° 1	19°21	3°31	19°28	25°49	18°11	11° 5	10°27	20°42	n.a.	M22
T 23	9 50 40	29°40'39	23°13	5°24	14°34	2°26	19°14	3°36	19°25	25°51	18°11	11° 0	10°24	20°48	n.a.	T 23
W24	9 54 37	0♓39'58	7♒40	4°39	15°40	2°51	19° 7	3°41	19°23	25°53	18°10	10°52	10°21	20°55	n.a.	W24
T 25	9 58 33	1°39'15	22° 1	3°51	16°46	3°16	19° 0	3°46	19°21	25°55	18°10	10°42	10°18	21° 2	n.a.	T 25
F 26	10 2 30	2°38'30	6♓10	3° 2	17°53	3°41	18°53	3°51	19°18	25°57	18°10	10°30	10°15	21° 8	n.a.	F 26
S 27	10 6 26	3°37'42	20° 2	2°11	18°59	4° 7	18°46	3°56	19°16	25°59	18°10	10°18	10°12	21°15	n.a.	S 27
S 28	10 10 23	4°36'52	3♈32	1°19	20° 6	4°33	18°38	4° 1	19°13	26° 0	18° 9	10° 6	10° 8	21°22	n.a.	S 28
M29	10 14 19	5♓36'01	16♈39	0♓29	21♋13	4♊59	18♍31	4♉ 6	19♍11	26♋ 2	18♊ 9	9♐57	10♐ 5	21♊28	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s33	7n44	4n36	14s11	0s 6	20s16	3n10	21n30	2n27	5n 2	1n40	10n25	2s 6	4n39	0n47	21s39	0s16	23n11	0s 2	22s35	22s27	22n36		n.a.
T 2	18 17	12 10	3 59	13 26	0n 6	20 25	3 6	21 34	2 27	5 4	1 40	10 26	2 5	4 40	0 47	21 38	0 16	23 11	0 1	22 35	22 26	22 36		n.a.
W 3	18 1	15 58	3 12	12 41	0 19	20 33	3 1	21 38	2 26	5 6	1 40	10 27	2 5	4 41	0 47	21 38	0 16	23 11	0 1	22 34	22 26	22 36		n.a.
T 4	17 44	19 1	2 18	11 56	0 33	20 40	2 56	21 42	2 26	5 8	1 40	10 29	2 5	4 41	0 47	21 37	0 16	23 11	0 1	22 34	22 25	22 35		n.a.
F 5	17 28	21 11	1 18	11 12	0 46	20 47	2 51	21 46	2 25	5 10	1 41	10 30	2 4	4 42	0 47	21 37	0 16	23 11	0 1	22 35	22 25	22 35		n.a.
S 6	17 11	22 26	0 16	10 30	1 1	20 54	2 47	21 50	2 25	5 12	1 41	10 31	2 4	4 43	0 47	21 37	0 16	23 11	0 1	22 35	22 24	22 35		n.a.
S 7	16 53	22 40	0s47	9 49	1 15	21 1	2 42	21 55	2 24	5 14	1 41	10 33	2 4	4 44	0 47	21 36	0 16	23 11	0 1	22 35	22 24	22 35		n.a.
M 8	16 36	21 53	1 48	9 10	1 29	21 6	2 37	21 59	2 23	5 16	1 41	10 34	2 4	4 44	0 47	21 36	0 16	23 11	0 1	22 34	22 24	22 34		n.a.
T 9	16 18	20 7	2 45	8 33	1 43	21 12	2 32	22 3	2 23	5 18	1 42	10 36	2 3	4 45	0 47	21 35	0 16	23 11	0 1	22 34	22 23	22 34		n.a.
W10	16 0	17 25	3 35	7 59	1 58	21 17	2 27	22 8	2 22	5 21	1 42	10 37	2 3	4 46	0 47	21 35	0 16	23 11	0 1	22 33	22 23	22 34		n.a.
T 11	15 42	13 55	4 16	7 28	2 11	21 21	2 22	22 12	2 22	5 23	1 42	10 39	2 3	4 47	0 47	21 35	0 16	23 11	0 1	22 31	22 22	22 33		n.a.
F 12	15 23	9 45	4 45	7 0	2 25	21 25	2 17	22 16	2 21	5 25	1 42	10 40	2 2	4 48	0 47	21 34	0 16	23 11	0 1	22 30	22 22	22 33		n.a.
S 13	15 4	5 5	5 0	6 35	2 38	21 29	2 12	22 21	2 21	5 28	1 42	10 42	2 2	4 48	0 47	21 34	0 16	23 11	0 1	22 28	22 21	22 32		n.a.
S 14	14 45	0 8	5 0	6 15	2 50	21 32	2 7	22 25	2 20	5 30	1 43	10 44	2 2	4 49	0 47	21 34	0 16	23 11	0 1	22 27	22 21	22 32		n.a.
M15	14 26	4s54	4 44	5 58	3 1	21 34	2 2	22 30	2 19	5 33	1 43	10 45	2 2	4 50	0 47	21 33	0 16	23 11	0 1	22 25	22 20	22 32		n.a.
T 16	14 6	9 46	4 13	5 45	3 11	21 36	1 57	22 34	2 19	5 35	1 43	10 47	2 1	4 51	0 47	21 33	0 16	23 12	0 1	22 24	22 20	22 31		n.a.
W17	13 46	14 14	3 26	5 37	3 20	21 37	1 52	22 39	2 18	5 38	1 43	10 49	2 1	4 52	0 47	21 32	0 16	23 12	0 0	22 23	22 20	22 31		n.a.
T 18	13 26	18 0	2 27	5 33	3 28	21 38	1 47	22 43	2 18	5 40	1 43	10 50	2 1	4 53	0 47	21 32	0 16	23 12	0 0	22 23	22 19	22 31		n.a.
F 19	13 6	20 47	1 19	5 33	3 34	21 38	1 42	22 48	2 17	5 43	1 43	10 52	2 1	4 54	0 47	21 32	0 16	23 12	0 0	22 23	22 19	22 30		n.a.
S 20	12 46	22 20	0 5	5 37	3 38	21 38	1 37	22 52	2 17	5 46	1 44	10 54	2 0	4 55	0 47	21 31	0 16	23 12	0 0	22 23	22 18	22 30		n.a.
S 21	12 25	22 27	1n10	5 45	3 41	21 37	1 33	22 57	2 16	5 49	1 44	10 56	2 0	4 56	0 47	21 31	0 16	23 12	0 0	22 23	22 18	22 29		n.a.
M22	12 4	21 6	2 21	5 57	3 42	21 35	1 28	23 2	2 15	5 51	1 44	10 58	2 0	4 57	0 47	21 31	0 16	23 12	0 0	22 23	22 17	22 29		n.a.
T 23	11 43	18 22	3 23	6 13	3 42	21 33	1 23	23 6	2 15	5 54	1 44	11 0	2 0	4 57	0 47	21 30	0 16	23 12	0 0	22 22	22 17	22 29		n.a.
W24	11 22	14 31	4 12	6 31	3 39	21 30	1 18	23 10	2 14	5 57	1 44	11 2	1 59	4 58	0 47	21 30	0 16	23 12	0 0	22 21	22 16	22 28		n.a.
T 25	11 1	9 51	4 45	6 53	3 35	21 27	1 13	23 15	2 14	6 0	1 44	11 3	1 59	4 59	0 47	21 30	0 17	23 12	0n 0	22 19	22 16	22 28		n.a.
F 26	10 39	4 43	5 0	7 17	3 29	21 23	1 8	23 19	2 13	6 3	1 44	11 5	1 59	5 0	0 47	21 29	0 17	23 12	0 0	22 18	22 15	22 27		n.a.
S 27	10 18	0n32	4 57	7 42	3 21	21 19	1 4	23 24	2 12	6 6	1 45	11 7	1 59	5 1	0 47	21 29	0 17	23 12	0 0	22 16	22 15	22 27		n.a.
S 28	9 56	5 38	4 36	8 9	3 12	21 14	0 59	23 28	2 12	6 9	1 45	11 9	1 58	5 2	0 47	21 28	0 17	23 12	0 0	22 14	22 14	22 27		n.a.
M29	9s34	10n20	4n 2	8s37	3n 1	21s 9	0n54	23n32	2n11	6n12	1n45	11n11	1s58	5n 3	0n47	21s28	0s17	23n12	0n 0	22s13	22s14	22n26		n.a.

Julian Day Number = 1612974.5, Delta T = 03h52m08s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'14, Lahiri = - 8°03'14 Julian Calendar 1 Feb. 297 BCE == Greg. Calendar 28 Jan. 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

MARCH 297 BCE (-296) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 18 16	6♓35'06	29♈22	29°R41	22♉20	5♊26	18°R24	4♉12	19°R 8	26♉ 4	18°R 9	9°R50	10♐ 2	21♊35	n.a.	T 1
W 2	10 22 12	7°34'10	11♉46	28♒55	23°27	5°52	18♍16	4°17	19♍ 6	26° 6	18♊ 9	9♐46	9°59	21°41	n.a.	W 2
T 3	10 26 9	8°33'11	23°53	28°13	24°35	6°19	18° 9	4°23	19° 3	26° 8	18° 9	9°44	9°56	21°48	n.a.	T 3
F 4	10 30 6	9°32'09	5♊48	27°35	25°42	6°46	18° 1	4°28	19° 1	26°10	18° 9	9°44	9°52	21°55	n.a.	F 4
S 5	10 34 2	10°31'06	17°37	27° 1	26°50	7°13	17°54	4°34	18°58	26°11	18° 9	9°44	9°49	22° 1	n.a.	S 5
S 6	10 37 59	11°30'00	29°25	26°32	27°57	7°41	17°46	4°40	18°56	26°13	18°D 9	9°43	9°46	22° 8	n.a.	S 6
M 7	10 41 55	12°28'51	11♋18	26° 9	29° 5	8° 8	17°39	4°46	18°53	26°15	18° 9	9°40	9°43	22°15	n.a.	M 7
T 8	10 45 52	13°27'41	23°20	25°50	0♒13	8°36	17°31	4°51	18°51	26°16	18° 9	9°35	9°40	22°21	n.a.	T 8
W 9	10 49 48	14°26'28	5♌36	25°37	1°21	9° 4	17°23	4°57	18°48	26°18	18° 9	9°28	9°37	22°28	n.a.	W 9
T 10	10 53 45	15°25'12	18° 8	25°30	2°29	9°32	17°16	5° 3	18°46	26°20	18° 9	9°17	9°33	22°35	n.a.	T 10
F 11	10 57 41	16°23'54	0♍58	25°D28	3°38	10° 0	17° 8	5° 9	18°43	26°21	18° 9	9° 6	9°30	22°41	n.a.	F 11
S 12	11 1 38	17°22'35	14° 6	25°31	4°46	10°29	17° 0	5°16	18°40	26°23	18° 9	8°53	9°27	22°48	n.a.	S 12
S 13	11 5 35	18°21'13	27°30	25°39	5°54	10°58	16°53	5°22	18°38	26°25	18°10	8°40	9°24	22°55	n.a.	S 13
M14	11 9 31	19°19'49	11♎ 8	25°53	7° 3	11°26	16°45	5°28	18°35	26°26	18°10	8°30	9°21	23° 1	n.a.	M14
T 15	11 13 28	20°18'23	24°57	26°11	8°11	11°55	16°37	5°34	18°33	26°28	18°10	8°21	9°18	23° 8	n.a.	T 15
W16	11 17 24	21°16'55	8♏53	26°34	9°20	12°24	16°30	5°41	18°30	26°29	18°10	8°16	9°14	23°15	n.a.	W16
T 17	11 21 21	22°15'26	22°55	27° 1	10°29	12°54	16°22	5°47	18°28	26°31	18°10	8°13	9°11	23°21	n.a.	T 17
F 18	11 25 17	23°13'55	6♐59	27°33	11°38	13°23	16°14	5°54	18°25	26°32	18°11	8°D13	9° 8	23°28	n.a.	F 18
S 19	11 29 14	24°12'22	21° 6	28° 9	12°47	13°52	16° 7	6° 0	18°23	26°34	18°11	8°R13	9° 5	23°35	n.a.	S 19
S 20	11 33 10	25°10'48	5♑13	28°48	13°56	14°22	15°59	6° 7	18°20	26°35	18°11	8°13	9° 2	23°41	n.a.	S 20
M21	11 37 7	26° 9'12	19°20	29°32	15° 5	14°52	15°52	6°13	18°17	26°36	18°12	8°11	8°58	23°48	n.a.	M21
T 22	11 41 3	27° 7'34	3♒25	0♓19	16°15	15°22	15°44	6°20	18°15	26°38	18°12	8° 6	8°55	23°54	n.a.	T 22
W23	11 45 0	28° 5'54	17°27	1° 9	17°24	15°52	15°37	6°27	18°12	26°39	18°13	7°59	8°52	24° 1	n.a.	W23
T 24	11 48 57	29° 4'13	1♓21	2° 2	18°33	16°22	15°30	6°34	18°10	26°40	18°13	7°50	8°49	24° 8	n.a.	T 24
F 25	11 52 53	0♈ 2'30	15° 5	2°59	19°43	16°52	15°22	6°41	18° 7	26°42	18°13	7°39	8°46	24°14	n.a.	F 25
S 26	11 56 50	1° 0'45	28°35	3°59	20°52	17°23	15°15	6°47	18° 5	26°43	18°14	7°28	8°43	24°21	n.a.	S 26
S 27	12 0 46	1°58'59	11♈48	5° 1	22° 2	17°54	15° 8	6°54	18° 2	26°44	18°14	7°18	8°39	24°28	n.a.	S 27
M28	12 4 43	2°57'10	24°42	6° 6	23°12	18°24	15° 1	7° 1	18° 0	26°45	18°15	7° 9	8°36	24°34	n.a.	M28
T 29	12 8 39	3°55'19	7♉19	7°14	24°21	18°55	14°54	7° 8	17°57	26°46	18°15	7° 3	8°33	24°41	n.a.	T 29
W30	12 12 36	4°53'27	19°38	8°25	25°31	19°26	14°47	7°16	17°55	26°47	18°16	6°59	8°30	24°48	n.a.	W30
T 31	12 16 32	5♈51'33	1♊44	9♓37	26♒41	19♊57	14♍40	7♉23	17♍53	26♉49	18♊17	6°D57	8♐27	24♊54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	9s12	14n26	3n16	9s 5	2n49	21s 2	0n50	23n37	2n11	6n15	1n45	11n13	1s58	5n 4	0n47	21s28	0s17	23n12	0n 0	22s12	22s14	22n26			n.a.
W 2	8 50	17 48	2 22	9 34	2 36	20 56	0 45	23 41	2 10	6 18	1 45	11 16	1 58	5 5	0 47	21 27	0 17	23 12	0 0	22 11	22 13	22 25			n.a.
T 3	8 28	20 19	1 23	10 1	2 22	20 48	0 40	23 45	2 10	6 21	1 45	11 18	1 57	5 6	0 47	21 27	0 17	23 12	0 0	22 11	22 13	22 25			n.a.
F 4	8 5	21 53	0 21	10 28	2 7	20 40	0 36	23 49	2 9	6 24	1 45	11 20	1 57	5 7	0 47	21 27	0 17	23 12	0 1	22 11	22 12	22 24			n.a.
S 5	7 43	22 27	0s42	10 54	1 52	20 32	0 31	23 53	2 8	6 27	1 45	11 22	1 57	5 8	0 47	21 27	0 17	23 12	0 1	22 11	22 12	22 24			n.a.
S 6	7 20	22 1	1 42	11 19	1 36	20 23	0 27	23 58	2 8	6 30	1 45	11 24	1 57	5 9	0 47	21 26	0 17	23 12	0 1	22 11	22 11	22 23			n.a.
M 7	6 57	20 36	2 39	11 41	1 21	20 13	0 23	24 2	2 7	6 33	1 45	11 26	1 57	5 10	0 47	21 26	0 17	23 12	0 1	22 10	22 11	22 23			n.a.
T 8	6 35	18 15	3 29	12 2	1 5	20 3	0 18	24 5	2 7	6 36	1 45	11 28	1 56	5 11	0 47	21 26	0 17	23 12	0 1	22 9	22 10	22 23			n.a.
W 9	6 12	15 3	4 10	12 21	0 50	19 52	0 14	24 9	2 6	6 39	1 45	11 31	1 56	5 12	0 47	21 25	0 17	23 13	0 1	22 8	22 10	22 22			n.a.
T 10	5 49	11 8	4 41	12 38	0 35	19 41	0 10	24 13	2 6	6 42	1 45	11 33	1 56	5 13	0 47	21 25	0 17	23 13	0 1	22 7	22 9	22 22			n.a.
F 11	5 26	6 38	4 58	12 53	0 20	19 29	0 6	24 17	2 5	6 45	1 45	11 35	1 56	5 14	0 47	21 25	0 17	23 13	0 1	22 5	22 9	22 21			n.a.
S 12	5 3	1 44	4 59	13 6	0 5	19 17	0 1	24 21	2 5	6 48	1 45	11 37	1 55	5 15	0 47	21 24	0 17	23 13	0 1	22 3	22 8	22 21			n.a.
S 13	4 40	3s20	4 45	13 16	0s 9	19 4	0s 3	24 24	2 4	6 51	1 45	11 40	1 55	5 16	0 47	21 24	0 17	23 13	0 1	22 1	22 8	22 20			n.a.
M14	4 16	8 20	4 14	13 24	0 23	18 51	0 7	24 28	2 3	6 54	1 45	11 42	1 55	5 17	0 47	21 24	0 17	23 13	0 1	21 59	22 7	22 20			n.a.
T 15	3 53	12 59	3 28	13 30	0 36	18 37	0 11	24 31	2 3	6 57	1 45	11 44	1 55	5 18	0 47	21 24	0 17	23 13	0 1	21 58	22 7	22 19			n.a.
W16	3 30	16 59	2 29	13 34	0 48	18 22	0 14	24 35	2 2	7 0	1 45	11 46	1 55	5 19	0 47	21 23	0 17	23 13	0 1	21 57	22 6	22 19			n.a.
T 17	3 6	20 1	1 20	13 35	1 0	18 7	0 18	24 38	2 2	7 3	1 45	11 49	1 54	5 20	0 47	21 23	0 17	23 13	0 1	21 57	22 6	22 18			n.a.
F 18	2 43	21 51	0 7	13 35	1 11	17 51	0 22	24 41	2 1	7 6	1 45	11 51	1 54	5 21	0 47	21 23	0 17	23 13	0 1	21 57	22 5	22 17			n.a.
S 19	2 20	22 18	1n 8	13 32	1 22	17 35	0 26	24 44	2 1	7 9	1 45	11 53	1 54	5 22	0 47	21 23	0 17	23 13	0 2	21 57	22 5	22 17			n.a.
S 20	1 56	21 20	2 18	13 28	1 32	17 19	0 29	24 47	2 0	7 12	1 45	11 56	1 54	5 23	0 47	21 22	0 17	23 13	0 2	21 57	22 4	22 16			n.a.
M21	1 33	19 1	3 20	13 21	1 41	17 2	0 33	24 50	2 0	7 15	1 45	11 58	1 54	5 24	0 47	21 22	0 17	23 14	0 2	21 56	22 4	22 16			n.a.
T 22	1 9	15 35	4 9	13 12	1 50	16 44	0 36	24 53	1 59	7 18	1 45	12 1	1 54	5 25	0 47	21 22	0 17	23 14	0 2	21 56	22 3	22 15			n.a.
W23	0 46	11 18	4 44	13 2	1 58	16 26	0 40	24 56	1 58	7 21	1 45	12 3	1 53	5 26	0 47	21 22	0 17	23 14	0 2	21 54	22 3	22 15			n.a.
T 24	0 22	6 27	5 1	12 49	2 5	16 8	0 43	24 59	1 58	7 24	1 45	12 5	1 53	5 27	0 47	21 21	0 17	23 14	0 2	21 53	22 2	22 14			n.a.
F 25	0n 1	1 21	5 0	12 34	2 12	15 49	0 46	25 1	1 57	7 26	1 45	12 8	1 53	5 28	0 47	21 21	0 17	23 14	0 2	21 51	22 2	22 14			n.a.
S 26	0 24	3n44	4 43	12 18	2 18	15 29	0 49	25 4	1 57	7 29	1 45	12 10	1 53	5 29	0 47	21 21	0 17	23 14	0 2	21 49	22 1	22 13			n.a.
S 27	0 48	8 33	4 10	12 0	2 23	15 10	0 52	25 6	1 56	7 32	1 45	12 13	1 53	5 30	0 47	21 21	0 17	23 14	0 2	21 48	22 1	22 13			n.a.
M28	1 11	12 52	3 25	11 40	2 28	14 49	0 55	25 8	1 56	7 35	1 44	12 15	1 53	5 31	0 47	21 20	0 17	23 14	0 2	21 46	22 0	22 12			n.a.
T 29	1 35	16 30	2 31	11 18	2 32	14 29	0 58	25 10	1 55	7 37	1 44	12 18	1 52	5 32	0 47	21 20	0 17	23 14	0 2	21 45	22 0	22 11			n.a.
W30	1 58	19 19	1 31	10 55	2 35	14 8	1 1	25 12	1 55	7 40	1 44	12 20	1 52	5 33	0 47	21 20	0 17	23 15	0 2	21 44	21 59	22 11			n.a.
T 31	2n21	21n13	0n28	10s30	2s38	13s46	1s 4	25n14	1n54	7n42	1n44	12n23	1s52	5n34	0n47	21s20	0s17	23n15	0n 2	21s44	21s59	22n10			n.a.

Julian Day Number = 1613003.5, Delta T = 03h52m07s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'10, Lahiri = - 8°03'10 Julian Calendar 1 March 297 BCE == Greg. Calendar 26 Feb. 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

APRIL 297 BCE (-296) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 20 29	6♈49'36	13♊39	10♓53	27♒51	20♊28	14°R33	7♉30	17°R50	26♉50	18♊17	6♐57	8♐23	25♊ 1	n.a.	F 1
S 2	12 24 26	7°47'38	25°28	12°10	29° 1	21° 0	14♍27	7°37	17♍48	26°51	18°18	6°58	8°20	25° 8	n.a.	S 2
S 3	12 28 22	8°45'38	7♋17	13°30	0♓11	21°31	14°20	7°44	17°45	26°52	18°19	6°R59	8°17	25°14	n.a.	S 3
M 4	12 32 19	9°43'35	19°11	14°52	1°21	22° 3	14°14	7°52	17°43	26°53	18°19	6°58	8°14	25°21	n.a.	M 4
T 5	12 36 15	10°41'31	1♌15	16°17	2°31	22°34	14° 8	7°59	17°41	26°54	18°20	6°56	8°11	25°28	n.a.	T 5
W 6	12 40 12	11°39'25	13°34	17°43	3°41	23° 6	14° 2	8° 6	17°39	26°54	18°21	6°52	8° 8	25°34	n.a.	W 6
T 7	12 44 8	12°37'17	26°11	19°11	4°52	23°38	13°56	8°14	17°36	26°55	18°21	6°45	8° 4	25°41	n.a.	T 7
F 8	12 48 5	13°35'07	9♍10	20°42	6° 2	24°10	13°50	8°21	17°34	26°56	18°22	6°37	8° 1	25°48	n.a.	F 8
S 9	12 52 1	14°32'55	22°31	22°15	7°12	24°42	13°44	8°28	17°32	26°57	18°23	6°29	7°58	25°54	n.a.	S 9
S 10	12 55 58	15°30'41	6♎13	23°50	8°23	25°14	13°38	8°36	17°30	26°58	18°24	6°20	7°55	26° 1	n.a.	S 10
M11	12 59 54	16°28'26	20°12	25°26	9°33	25°46	13°33	8°43	17°28	26°59	18°25	6°13	7°52	26° 7	n.a.	M11
T 12	13 3 51	17°26'10	4♏26	27° 5	10°43	26°19	13°27	8°51	17°25	26°59	18°26	6° 7	7°49	26°14	n.a.	T 12
W13	13 7 48	18°23'52	18°48	28°46	11°54	26°51	13°22	8°59	17°23	27° 0	18°26	6° 4	7°45	26°21	n.a.	W13
T 14	13 11 44	19°21'33	3♐14	0♈29	13° 5	27°23	13°17	9° 6	17°21	27° 1	18°27	6°D 3	7°42	26°27	n.a.	T 14
F 15	13 15 41	20°19'13	17°39	2°14	14°15	27°56	13°12	9°14	17°19	27° 1	18°28	6° 3	7°39	26°34	n.a.	F 15
S 16	13 19 37	21°16'51	1♑59	4° 2	15°26	28°29	13° 7	9°21	17°17	27° 2	18°29	6° 4	7°36	26°41	n.a.	S 16
S 17	13 23 34	22°14'29	16°11	5°51	16°37	29° 1	13° 3	9°29	17°15	27° 2	18°30	6°R 5	7°33	26°47	n.a.	S 17
M18	13 27 30	23°12'05	0♒15	7°42	17°47	29°34	12°58	9°37	17°13	27° 3	18°31	6° 5	7°29	26°54	n.a.	M18
T 19	13 31 27	24° 9'40	14° 9	9°35	18°58	0♋ 7	12°54	9°44	17°11	27° 3	18°32	6° 4	7°26	27° 1	n.a.	T 19
W20	13 35 23	25° 7'14	27°51	11°30	20° 9	0°40	12°50	9°52	17°10	27° 4	18°33	6° 0	7°23	27° 7	n.a.	W20
T 21	13 39 20	26° 4'47	11♓23	13°28	21°20	1°13	12°46	10° 0	17° 8	27° 4	18°34	5°55	7°20	27°14	n.a.	T 21
F 22	13 43 17	27° 2'19	24°41	15°27	22°31	1°47	12°42	10° 8	17° 6	27° 5	18°35	5°49	7°17	27°21	n.a.	F 22
S 23	13 47 13	27°59'50	7♈47	17°28	23°42	2°20	12°38	10°15	17° 4	27° 5	18°36	5°43	7°14	27°27	n.a.	S 23
S 24	13 51 10	28°57'20	20°38	19°31	24°53	2°53	12°34	10°23	17° 3	27° 6	18°37	5°37	7°10	27°34	n.a.	S 24
M25	13 55 6	29°54'49	3♉15	21°35	26° 4	3°27	12°31	10°31	17° 1	27° 6	18°38	5°32	7° 7	27°41	n.a.	M25
T 26	13 59 3	0♉52'17	15°38	23°41	27°15	4° 0	12°28	10°39	16°59	27° 6	18°40	5°28	7° 4	27°47	n.a.	T 26
W27	14 2 59	1°49'43	27°49	25°49	28°26	4°34	12°25	10°47	16°58	27° 6	18°41	5°27	7° 1	27°54	n.a.	W27
T 28	14 6 56	2°47'08	9♊49	27°58	29°38	5° 8	12°22	10°55	16°56	27° 7	18°42	5°D26	6°58	28° 1	n.a.	T 28
F 29	14 10 52	3°44'32	21°41	0♉ 8	0♈49	5°41	12°19	11° 2	16°55	27° 7	18°43	5°27	6°55	28° 7	n.a.	F 29
S 30	14 14 49	4♉41'55	3♋30	2♉18	2♈ 0	6♋15	12♍17	11♉10	16♍53	27♉ 7	18♊44	5♐29	6♐51	28♊14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n45	22n 7	0s36	10s 3	2s41	13s24	1s 7	25n16	1n54	7n45	1n44	12n25	1s52	5n35	0n47	21s20	0s17	23n15	0n 2	21s44	21s58	22n10		n.a.
S 2	3 8	22 2	1 38	9 34	2 42	13 2	1 9	25 18	1 53	7 47	1 44	12 28	1 52	5 36	0 47	21 19	0 17	23 15	0 2	21 44	21 58	22 9		n.a.
S 3	3 31	20 57	2 35	9 4	2 43	12 40	1 12	25 20	1 52	7 50	1 44	12 30	1 52	5 37	0 47	21 19	0 17	23 15	0 2	21 44	21 57	22 8		n.a.
M 4	3 54	18 56	3 27	8 33	2 44	12 17	1 14	25 21	1 52	7 52	1 44	12 33	1 51	5 38	0 47	21 19	0 17	23 15	0 3	21 44	21 57	22 8		n.a.
T 5	4 17	16 4	4 10	7 59	2 44	11 53	1 16	25 22	1 51	7 54	1 43	12 35	1 51	5 39	0 47	21 19	0 17	23 15	0 3	21 44	21 56	22 7		n.a.
W 6	4 40	12 27	4 42	7 24	2 43	11 30	1 19	25 24	1 51	7 57	1 43	12 38	1 51	5 40	0 47	21 19	0 17	23 15	0 3	21 43	21 56	22 7		n.a.
T 7	5 3	8 13	5 1	6 48	2 42	11 6	1 21	25 25	1 50	7 59	1 43	12 40	1 51	5 41	0 47	21 19	0 17	23 15	0 3	21 42	21 55	22 6		n.a.
F 8	5 25	3 30	5 6	6 10	2 40	10 42	1 23	25 26	1 50	8 1	1 43	12 43	1 51	5 41	0 47	21 19	0 17	23 16	0 3	21 41	21 55	22 5		n.a.
S 9	5 48	1s30	4 55	5 31	2 37	10 17	1 25	25 27	1 49	8 3	1 43	12 45	1 51	5 42	0 47	21 18	0 17	23 16	0 3	21 39	21 54	22 5		n.a.
S 10	6 11	6 34	4 26	4 50	2 34	9 52	1 27	25 27	1 49	8 5	1 43	12 48	1 51	5 43	0 47	21 18	0 17	23 16	0 3	21 38	21 54	22 4		n.a.
M11	6 33	11 24	3 41	4 8	2 31	9 27	1 29	25 28	1 48	8 7	1 42	12 50	1 50	5 44	0 47	21 18	0 17	23 16	0 3	21 36	21 53	22 3		n.a.
T 12	6 56	15 42	2 42	3 24	2 26	9 2	1 31	25 28	1 48	8 9	1 42	12 53	1 50	5 45	0 47	21 18	0 17	23 16	0 3	21 36	21 53	22 3		n.a.
W13	7 18	19 6	1 32	2 39	2 22	8 36	1 32	25 29	1 47	8 11	1 42	12 55	1 50	5 46	0 47	21 18	0 17	23 16	0 3	21 35	21 52	22 2		n.a.
T 14	7 40	21 18	0 15	1 53	2 16	8 10	1 34	25 29	1 47	8 13	1 42	12 58	1 50	5 46	0 47	21 18	0 17	23 16	0 3	21 35	21 52	22 1		n.a.
F 15	8 2	22 7	1n 2	1 5	2 11	7 44	1 35	25 29	1 46	8 14	1 42	13 1	1 50	5 47	0 47	21 18	0 17	23 17	0 3	21 35	21 51	22 1		n.a.
S 16	8 24	21 27	2 16	0 17	2 4	7 18	1 37	25 29	1 46	8 16	1 41	13 3	1 50	5 48	0 47	21 18	0 18	23 17	0 3	21 35	21 51	22 0		n.a.
S 17	8 46	19 26	3 20	0n33	1 57	6 51	1 38	25 29	1 45	8 18	1 41	13 6	1 50	5 49	0 47	21 17	0 18	23 17	0 3	21 35	21 50	21 59		n.a.
M18	9 7	16 15	4 12	1 25	1 50	6 24	1 39	25 28	1 44	8 19	1 41	13 8	1 50	5 49	0 47	21 17	0 18	23 17	0 3	21 35	21 50	21 59		n.a.
T 19	9 29	12 12	4 48	2 17	1 42	5 57	1 40	25 28	1 44	8 21	1 41	13 11	1 50	5 50	0 47	21 17	0 18	23 17	0 3	21 35	21 49	21 58		n.a.
W20	9 50	7 34	5 7	3 10	1 34	5 30	1 42	25 27	1 43	8 22	1 40	13 13	1 49	5 51	0 47	21 17	0 18	23 17	0 3	21 34	21 48	21 57		n.a.
T 21	10 11	2 38	5 9	4 4	1 25	5 3	1 43	25 26	1 43	8 23	1 40	13 16	1 49	5 51	0 47	21 17	0 18	23 17	0 4	21 33	21 48	21 57		n.a.
F 22	10 32	2n21	4 54	4 59	1 16	4 35	1 43	25 25	1 42	8 25	1 40	13 18	1 49	5 52	0 47	21 17	0 18	23 18	0 4	21 32	21 47	21 56		n.a.
S 23	10 53	7 9	4 23	5 55	1 7	4 7	1 44	25 24	1 42	8 26	1 40	13 21	1 49	5 53	0 47	21 17	0 18	23 18	0 4	21 31	21 47	21 55		n.a.
S 24	11 14	11 32	3 40	6 51	0 57	3 40	1 45	25 23	1 41	8 27	1 39	13 24	1 49	5 53	0 47	21 17	0 18	23 18	0 4	21 30	21 46	21 55		n.a.
M25	11 35	15 21	2 47	7 47	0 47	3 12	1 46	25 22	1 41	8 28	1 39	13 26	1 49	5 54	0 46	21 17	0 18	23 18	0 4	21 29	21 46	21 54		n.a.
T 26	11 55	18 25	1 46	8 44	0 37	2 43	1 46	25 20	1 40	8 29	1 39	13 29	1 49	5 55	0 46	21 17	0 18	23 18	0 4	21 29	21 45	21 53		n.a.
W27	12 15	20 35	0 42	9 41	0 26	2 15	1 47	25 19	1 40	8 30	1 39	13 31	1 49	5 55	0 46	21 17	0 18	23 18	0 4	21 28	21 45	21 53		n.a.
T 28	12 35	21 48	0s24	10 38	0 16	1 47	1 47	25 17	1 39	8 31	1 38	13 34	1 49	5 56	0 46	21 17	0 18	23 19	0 4	21 28	21 44	21 52		n.a.
F 29	12 55	22 0	1 28	11 34	0 5	1 19	1 47	25 15	1 39	8 32	1 38	13 36	1 49	5 56	0 46	21 17	0 18	23 19	0 4	21 28	21 44	21 51		n.a.
S 30	13n15	21n13	2s28	12n30	0n 6	0s50	1s48	25n13	1n38	8n32	1n38	13n39	1s48	5n57	0n46	21s17	0s18	23n19	0n 4	21s29	21s43	21n50		n.a.

Julian Day Number = 1613034.5, Delta T = 03h52m06s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'06, Lahiri = - 8°03'05 Julian Calendar 1 Apr. 297 BCE == Greg. Calendar 28 March 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

MAY 297 BCE (-296) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 18 46	5♉39'17	15♋19	4♉30	3♈11	6♋49	12°R15	11♉18	16°R52	27♏ 7	18♊45	5♐31	6♐48	28♊21	n.a.	S 1
M 2	14 22 42	6°36'37	27°13	6°41	4°23	7°23	12♍12	11°26	16♍50	27° 7	18°47	5°32	6°45	28°27	n.a.	M 2
T 3	14 26 39	7°33'56	9♌17	8°53	5°34	7°57	12°10	11°34	16°49	27° 7	18°48	5°R32	6°42	28°34	n.a.	T 3
W 4	14 30 35	8°31'14	21°35	11° 5	6°45	8°31	12° 9	11°42	16°48	27°R 7	18°49	5°32	6°39	28°41	n.a.	W 4
T 5	14 34 32	9°28'31	4♍12	13°16	7°57	9° 6	12° 7	11°50	16°47	27° 7	18°50	5°30	6°35	28°47	n.a.	T 5
F 6	14 38 28	10°25'47	17°12	15°26	9° 8	9°40	12° 6	11°58	16°45	27° 7	18°52	5°27	6°32	28°54	n.a.	F 6
S 7	14 42 25	11°23'01	0♎37	17°36	10°20	10°14	12° 4	12° 6	16°44	27° 7	18°53	5°24	6°29	29° 0	n.a.	S 7
S 8	14 46 21	12°20'15	14°27	19°44	11°31	10°49	12° 3	12°13	16°43	27° 7	18°54	5°20	6°26	29° 7	n.a.	S 8
M 9	14 50 18	13°17'28	28°40	21°51	12°43	11°23	12° 3	12°21	16°42	27° 7	18°56	5°17	6°23	29°14	n.a.	M 9
T 10	14 54 15	14°14'40	13♏11	23°56	13°54	11°58	12° 2	12°29	16°41	27° 7	18°57	5°15	6°20	29°20	n.a.	T 10
W11	14 58 11	15°11'51	27°56	25°59	15° 6	12°32	12° 1	12°37	16°40	27° 6	18°58	5°D14	6°16	29°27	n.a.	W11
T 12	15 2 8	16° 9'02	12♐46	28° 1	16°18	13° 7	12° 1	12°45	16°39	27° 6	19° 0	5°14	6°13	29°34	n.a.	T 12
F 13	15 6 4	17° 6'13	27°34	0♊ 0	17°29	13°42	12°D 1	12°53	16°38	27° 6	19° 1	5°15	6°10	29°40	n.a.	F 13
S 14	15 10 1	18° 3'23	12♑15	1°58	18°41	14°16	12° 1	13° 1	16°38	27° 5	19° 2	5°16	6° 7	29°47	n.a.	S 14
S 15	15 13 57	19° 0'32	26°42	3°53	19°53	14°51	12° 1	13° 9	16°37	27° 5	19° 4	5°17	6° 4	29°54	n.a.	S 15
M16	15 17 54	19°57'42	10♒53	5°46	21° 5	15°26	12° 1	13°17	16°36	27° 5	19° 5	5°18	6° 0	0♋ 0	n.a.	M16
T 17	15 21 51	20°54'51	24°46	7°37	22°16	16° 1	12° 2	13°24	16°35	27° 4	19° 7	5°R18	5°57	0° 7	n.a.	T 17
W18	15 25 47	21°52'00	8♓21	9°26	23°28	16°36	12° 3	13°32	16°35	27° 4	19° 8	5°18	5°54	0°14	n.a.	W18
T 19	15 29 44	22°49'09	21°38	11°12	24°40	17°11	12° 4	13°40	16°34	27° 3	19°10	5°17	5°51	0°20	n.a.	T 19
F 20	15 33 40	23°46'18	4♈38	12°56	25°52	17°46	12° 5	13°48	16°34	27° 3	19°11	5°15	5°48	0°27	n.a.	F 20
S 21	15 37 37	24°43'26	17°23	14°37	27° 4	18°22	12° 6	13°56	16°33	27° 2	19°12	5°14	5°45	0°34	n.a.	S 21
S 22	15 41 33	25°40'35	29°54	16°17	28°16	18°57	12° 7	14° 4	16°33	27° 2	19°14	5°13	5°41	0°40	n.a.	S 22
M23	15 45 30	26°37'43	12♉14	17°53	29°28	19°32	12° 9	14°11	16°33	27° 1	19°15	5°12	5°38	0°47	n.a.	M23
T 24	15 49 26	27°34'51	24°23	19°28	0♉40	20° 8	12°11	14°19	16°32	27° 1	19°17	5°11	5°35	0°54	n.a.	T 24
W25	15 53 23	28°31'59	6♊23	21° 0	1°52	20°43	12°13	14°27	16°32	27° 0	19°18	5°D11	5°32	1° 0	n.a.	W25
T 26	15 57 20	29°29'07	18°17	22°30	3° 4	21°19	12°15	14°35	16°32	26°59	19°20	5°11	5°29	1° 7	n.a.	T 26
F 27	16 1 16	0♊26'15	0♋ 6	23°57	4°17	21°54	12°17	14°42	16°32	26°59	19°21	5°12	5°26	1°14	n.a.	F 27
S 28	16 5 13	1°23'22	11°54	25°22	5°29	22°30	12°20	14°50	16°32	26°58	19°23	5°12	5°22	1°20	n.a.	S 28
S 29	16 9 9	2°20'29	23°44	26°44	6°41	23° 6	12°22	14°58	16°D32	26°57	19°24	5°12	5°19	1°27	n.a.	S 29
M30	16 13 6	3°17'36	5♌38	28° 4	7°53	23°42	12°25	15° 5	16°32	26°56	19°26	5°13	5°16	1°34	n.a.	M30
T 31	16 17 2	4♊14'42	17♌42	29♊21	9♉ 6	24♋18	12♍28	15♉13	16♍32	26♏56	19♊28	5♐13	5♐13	1♋40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n34	19n30	3s22	13n26	0n16	0s22	1s48	25n11	1n38	8n33	1n38	13n41	1s48	5n57	0n46	21s17	0s18	23n19	0n 4	21s29	21s43	21n50		n.a.
M 2	13 53	16 56	4 7	14 20	0 26	0n 7	1 48	25 8	1 37	8 34	1 37	13 44	1 48	5 58	0 46	21 17	0 18	23 19	0 4	21 29	21 42	21 49		n.a.
T 3	14 12	13 37	4 42	15 13	0 37	0 35	1 48	25 6	1 37	8 34	1 37	13 46	1 48	5 58	0 46	21 17	0 18	23 19	0 4	21 29	21 41	21 48		n.a.
W 4	14 31	9 40	5 5	16 4	0 46	1 4	1 48	25 3	1 36	8 35	1 37	13 49	1 48	5 59	0 46	21 17	0 18	23 20	0 4	21 29	21 41	21 47		n.a.
T 5	14 49	5 13	5 14	16 54	0 56	1 33	1 48	25 0	1 36	8 35	1 37	13 51	1 48	5 59	0 46	21 17	0 18	23 20	0 4	21 29	21 40	21 47		n.a.
F 6	15 8	0 24	5 8	17 42	1 5	2 1	1 47	24 57	1 35	8 35	1 36	13 54	1 48	6 0	0 46	21 17	0 18	23 20	0 4	21 28	21 40	21 46		n.a.
S 7	15 26	4s36	4 45	18 28	1 13	2 30	1 47	24 54	1 35	8 36	1 36	13 56	1 48	6 0	0 46	21 17	0 18	23 20	0 5	21 28	21 39	21 45		n.a.
S 8	15 44	9 31	4 4	19 11	1 21	2 59	1 47	24 51	1 34	8 36	1 36	13 59	1 48	6 1	0 46	21 17	0 18	23 20	0 5	21 27	21 39	21 44		n.a.
M 9	16 1	14 3	3 8	19 53	1 29	3 27	1 46	24 47	1 34	8 36	1 36	14 1	1 48	6 1	0 46	21 17	0 18	23 20	0 5	21 27	21 38	21 44		n.a.
T 10	16 18	17 52	1 59	20 32	1 36	3 56	1 46	24 44	1 33	8 36	1 35	14 4	1 48	6 1	0 46	21 17	0 18	23 21	0 5	21 26	21 38	21 43		n.a.
W11	16 35	20 36	0 40	21 8	1 42	4 24	1 45	24 40	1 32	8 36	1 35	14 6	1 48	6 2	0 46	21 17	0 18	23 21	0 5	21 26	21 37	21 42		n.a.
T 12	16 52	21 55	0n41	21 42	1 47	4 53	1 44	24 36	1 32	8 36	1 35	14 9	1 48	6 2	0 46	21 17	0 18	23 21	0 5	21 26	21 37	21 41		n.a.
F 13	17 9	21 42	2 0	22 13	1 52	5 21	1 43	24 32	1 31	8 35	1 34	14 11	1 48	6 2	0 46	21 17	0 18	23 21	0 5	21 26	21 36	21 40		n.a.
S 14	17 25	20 0	3 11	22 42	1 56	5 50	1 43	24 28	1 31	8 35	1 34	14 14	1 48	6 3	0 46	21 17	0 18	23 21	0 5	21 26	21 35	21 40		n.a.
S 15	17 41	17 1	4 8	23 8	2 0	6 18	1 42	24 23	1 30	8 35	1 34	14 16	1 48	6 3	0 46	21 18	0 18	23 21	0 5	21 27	21 35	21 39		n.a.
M16	17 57	13 5	4 48	23 32	2 2	6 46	1 41	24 19	1 30	8 34	1 34	14 18	1 48	6 3	0 46	21 18	0 18	23 22	0 5	21 27	21 34	21 38		n.a.
T 17	18 12	8 32	5 11	23 53	2 4	7 14	1 40	24 14	1 29	8 34	1 33	14 21	1 48	6 3	0 46	21 18	0 18	23 22	0 5	21 27	21 34	21 37		n.a.
W18	18 27	3 39	5 16	24 12	2 5	7 42	1 39	24 9	1 29	8 33	1 33	14 23	1 47	6 4	0 46	21 18	0 18	23 22	0 5	21 27	21 33	21 36		n.a.
T 19	18 42	1n17	5 4	24 28	2 6	8 10	1 37	24 4	1 28	8 33	1 33	14 26	1 47	6 4	0 46	21 18	0 18	23 22	0 5	21 26	21 33	21 36		n.a.
F 20	18 57	6 5	4 36	24 42	2 6	8 37	1 36	23 59	1 28	8 32	1 32	14 28	1 47	6 4	0 46	21 18	0 18	23 22	0 5	21 26	21 32	21 35		n.a.
S 21	19 11	10 31	3 55	24 54	2 5	9 5	1 35	23 54	1 27	8 31	1 32	14 30	1 47	6 4	0 46	21 18	0 18	23 23	0 5	21 26	21 31	21 34		n.a.
S 22	19 25	14 26	3 3	25 4	2 3	9 32	1 34	23 48	1 27	8 31	1 32	14 33	1 47	6 4	0 45	21 18	0 18	23 23	0 5	21 26	21 31	21 33		n.a.
M23	19 38	17 39	2 4	25 11	2 1	9 59	1 32	23 43	1 26	8 30	1 32	14 35	1 47	6 4	0 45	21 18	0 18	23 23	0 6	21 26	21 30	21 32		n.a.
T 24	19 52	20 3	1 0	25 16	1 58	10 26	1 31	23 37	1 26	8 29	1 31	14 37	1 47	6 4	0 45	21 19	0 18	23 23	0 6	21 25	21 30	21 31		n.a.
W25	20 4	21 32	0s 7	25 20	1 55	10 53	1 29	23 31	1 25	8 28	1 31	14 40	1 47	6 4	0 45	21 19	0 18	23 23	0 6	21 25	21 29	21 30		n.a.
T 26	20 17	22 1	1 12	25 21	1 51	11 19	1 28	23 25	1 25	8 27	1 31	14 42	1 47	6 4	0 45	21 19	0 18	23 23	0 6	21 25	21 29	21 30		n.a.
F 27	20 29	21 30	2 14	25 21	1 46	11 45	1 26	23 18	1 24	8 25	1 30	14 44	1 47	6 4	0 45	21 19	0 18	23 24	0 6	21 26	21 28	21 29		n.a.
S 28	20 41	20 2	3 10	25 19	1 40	12 11	1 24	23 12	1 24	8 24	1 30	14 47	1 47	6 4	0 45	21 19	0 18	23 24	0 6	21 26	21 27	21 28		n.a.
S 29	20 53	17 42	3 58	25 16	1 34	12 37	1 22	23 5	1 23	8 23	1 30	14 49	1 47	6 4	0 45	21 19	0 18	23 24	0 6	21 26	21 27	21 27		n.a.
M30	21 4	14 37	4 37	25 11	1 28	13 2	1 21	22 59	1 23	8 21	1 30	14 51	1 47	6 4	0 45	21 20	0 18	23 24	0 6	21 26	21 26	21 26		n.a.
T 31	21n15	10n54	5s 3	25n 4	1n21	13n27	1s19	22n52	1n22	8n20	1n29	14n53	1s47	6n 4	0n45	21s20	0s19	23n24	0n 6	21s26	21s26	21n25		n.a.

Julian Day Number = 1613064.5, Delta T = 03h52m05s
Ecliptic obliquity = 23°43'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°10'02, Lahiri = - 8°03'01 Julian Calendar 1 May 297 BCE == Greg. Calendar 27 Apr. 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

JUNE 297 BCE (-296) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 20 59	5♊11'48	29♌59	0♋35	10♉18	24♋53	12♍32	15♉21	16♍32	26°R55	19♊29	5♐13	5♐10	1♋47	n.a.	W 1
T 2	16 24 55	6° 8'54	12♍34	1°47	11°30	25°29	12°35	15°28	16°32	26♑54	19°31	5°13	5° 6	1°54	n.a.	T 2
F 3	16 28 52	7° 6'00	25°30	2°56	12°43	26° 5	12°38	15°36	16°32	26°53	19°32	5°13	5° 3	2° 0	n.a.	F 3
S 4	16 32 49	8° 3'06	8♎51	4° 3	13°55	26°42	12°42	15°43	16°32	26°52	19°34	5°13	5° 0	2° 7	n.a.	S 4
S 5	16 36 45	9° 0'11	22°38	5° 6	15° 7	27°18	12°46	15°51	16°33	26°51	19°35	5°13	4°57	2°14	n.a.	S 5
M 6	16 40 42	9°57'17	6♏52	6° 6	16°20	27°54	12°50	15°58	16°33	26°50	19°37	5°14	4°54	2°20	n.a.	M 6
T 7	16 44 38	10°54'22	21°29	7° 4	17°32	28°30	12°54	16° 6	16°34	26°49	19°38	5°14	4°51	2°27	n.a.	T 7
W 8	16 48 35	11°51'28	6♐24	7°58	18°45	29° 6	12°58	16°13	16°34	26°48	19°40	5°R14	4°47	2°34	n.a.	W 8
T 9	16 52 31	12°48'34	21°30	8°49	19°57	29°43	13° 3	16°21	16°35	26°47	19°42	5°14	4°44	2°40	n.a.	T 9
F 10	16 56 28	13°45'41	6♑38	9°36	21°10	0♌19	13° 8	16°28	16°35	26°46	19°43	5°13	4°41	2°47	n.a.	F 10
S 11	17 0 24	14°42'48	21°39	10°20	22°23	0°56	13°12	16°35	16°36	26°45	19°45	5°12	4°38	2°54	n.a.	S 11
S 12	17 4 21	15°39'55	6♒25	11° 0	23°35	1°32	13°17	16°43	16°37	26°44	19°46	5°11	4°35	3° 0	n.a.	S 12
M13	17 8 18	16°37'03	20°49	11°36	24°48	2° 9	13°22	16°50	16°37	26°43	19°48	5°10	4°32	3° 7	n.a.	M13
T 14	17 12 14	17°34'12	4♓50	12° 8	26° 1	2°45	13°28	16°57	16°38	26°42	19°50	5° 9	4°28	3°14	n.a.	T 14
W15	17 16 11	18°31'22	18°25	12°36	27°14	3°22	13°33	17° 4	16°39	26°40	19°51	5°D 9	4°25	3°20	n.a.	W15
T 16	17 20 7	19°28'32	1♈37	13° 0	28°26	3°59	13°39	17°11	16°40	26°39	19°53	5° 9	4°22	3°27	n.a.	T 16
F 17	17 24 4	20°25'43	14°28	13°19	29°39	4°36	13°44	17°18	16°41	26°38	19°54	5°10	4°19	3°34	n.a.	F 17
S 18	17 28 0	21°22'55	27° 0	13°34	0♊52	5°12	13°50	17°25	16°42	26°37	19°56	5°12	4°16	3°40	n.a.	S 18
S 19	17 31 57	22°20'08	9♉18	13°44	2° 5	5°49	13°56	17°32	16°43	26°35	19°58	5°13	4°12	3°47	n.a.	S 19
M20	17 35 53	23°17'22	21°24	13°49	3°18	6°26	14° 2	17°39	16°44	26°34	19°59	5°14	4° 9	3°54	n.a.	M20
T 21	17 39 50	24°14'37	3♊22	13°R49	4°31	7° 3	14° 8	17°46	16°45	26°33	20° 1	5°R15	4° 6	4° 0	n.a.	T 21
W22	17 43 47	25°11'52	15°14	13°45	5°44	7°40	14°15	17°53	16°46	26°32	20° 2	5°14	4° 3	4° 7	n.a.	W22
T 23	17 47 43	26° 9'09	27° 3	13°35	6°57	8°18	14°21	18° 0	16°48	26°30	20° 4	5°13	4° 0	4°14	n.a.	T 23
F 24	17 51 40	27° 6'26	8♋51	13°20	8°10	8°55	14°28	18° 7	16°49	26°29	20° 5	5°11	3°57	4°20	n.a.	F 24
S 25	17 55 36	28° 3'44	20°41	13° 1	9°23	9°32	14°35	18°13	16°50	26°27	20° 7	5° 7	3°53	4°27	n.a.	S 25
S 26	17 59 33	29° 1'02	2♌33	12°37	10°37	10° 9	14°42	18°20	16°52	26°26	20° 9	5° 3	3°50	4°34	n.a.	S 26
M27	18 3 29	29°58'21	14°32	12° 8	11°50	10°47	14°49	18°27	16°53	26°25	20°10	4°59	3°47	4°40	n.a.	M27
T 28	18 7 26	0♋55'41	26°39	11°35	13° 3	11°24	14°56	18°33	16°55	26°23	20°12	4°56	3°44	4°47	n.a.	T 28
W29	18 11 23	1°53'02	8♍57	10°59	14°16	12° 2	15° 4	18°40	16°56	26°22	20°13	4°53	3°41	4°54	n.a.	W29
T 30	18 15 19	2♋50'23	21♍31	10♋19	15♊30	12♌39	15♍11	18♉46	16♍58	26♑20	20♊15	4♐51	3♐38	5♋ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n26	6n41	5s16	24n57	1n13	13n52	1s17	22n45	1n22	8n19	1n29	14n56	1s47	6n 4	0n45	21s20	0s19	23n25	0n 6	21s26	21s25	21n24		n.a.
T 2	21 36	2 5	5 15	24 48	1 5	14 17	1 15	22 38	1 21	8 17	1 29	14 58	1 47	6 4	0 45	21 20	0 19	23 25	0 6	21 26	21 25	21 24		n.a.
F 3	21 46	2s44	4 58	24 37	0 56	14 41	1 13	22 30	1 21	8 15	1 29	15 0	1 47	6 4	0 45	21 20	0 19	23 25	0 6	21 26	21 24	21 23		n.a.
S 4	21 55	7 36	4 25	24 26	0 46	15 5	1 11	22 23	1 20	8 14	1 28	15 2	1 47	6 4	0 45	21 21	0 19	23 25	0 6	21 26	21 23	21 22		n.a.
S 5	22 4	12 14	3 35	24 14	0 36	15 28	1 9	22 15	1 19	8 12	1 28	15 4	1 47	6 4	0 45	21 21	0 19	23 25	0 6	21 26	21 23	21 21		n.a.
M 6	22 13	16 21	2 31	24 1	0 26	15 52	1 7	22 7	1 19	8 10	1 28	15 7	1 47	6 3	0 45	21 21	0 19	23 25	0 6	21 26	21 22	21 20		n.a.
T 7	22 21	19 34	1 16	23 47	0 15	16 14	1 5	21 59	1 18	8 8	1 27	15 9	1 47	6 3	0 45	21 21	0 19	23 26	0 6	21 26	21 22	21 19		n.a.
W 8	22 29	21 32	0n 6	23 33	0 4	16 37	1 2	21 51	1 18	8 6	1 27	15 11	1 47	6 3	0 45	21 21	0 19	23 26	0 7	21 26	21 21	21 18		n.a.
T 9	22 37	21 58	1 29	23 18	0s 8	16 59	1 0	21 43	1 17	8 4	1 27	15 13	1 47	6 3	0 45	21 22	0 19	23 26	0 7	21 26	21 21	21 17		n.a.
F 10	22 44	20 48	2 46	23 2	0 20	17 20	0 58	21 35	1 17	8 2	1 27	15 15	1 47	6 2	0 45	21 22	0 19	23 26	0 7	21 26	21 20	21 16		n.a.
S 11	22 51	18 11	3 50	22 47	0 33	17 41	0 56	21 26	1 16	8 0	1 26	15 17	1 47	6 2	0 45	21 22	0 19	23 26	0 7	21 26	21 19	21 15		n.a.
S 12	22 57	14 25	4 38	22 30	0 46	18 2	0 53	21 17	1 16	7 58	1 26	15 19	1 47	6 2	0 45	21 22	0 19	23 27	0 7	21 25	21 19	21 14		n.a.
M13	23 3	9 53	5 7	22 14	0 59	18 22	0 51	21 9	1 15	7 56	1 26	15 21	1 47	6 1	0 45	21 23	0 19	23 27	0 7	21 25	21 18	21 14		n.a.
T 14	23 8	4 56	5 17	21 58	1 13	18 42	0 49	21 0	1 15	7 54	1 26	15 23	1 47	6 1	0 44	21 23	0 19	23 27	0 7	21 25	21 18	21 13		n.a.
W15	23 14	0n 6	5 9	21 41	1 27	19 2	0 46	20 50	1 14	7 51	1 25	15 25	1 47	6 1	0 44	21 23	0 19	23 27	0 7	21 25	21 17	21 12		n.a.
T 16	23 18	4 59	4 44	21 25	1 41	19 20	0 44	20 41	1 14	7 49	1 25	15 27	1 48	6 0	0 44	21 23	0 19	23 27	0 7	21 25	21 16	21 11		n.a.
F 17	23 23	9 32	4 6	21 9	1 55	19 39	0 41	20 32	1 13	7 46	1 25	15 29	1 48	6 0	0 44	21 24	0 19	23 28	0 7	21 25	21 16	21 10		n.a.
S 18	23 27	13 34	3 16	20 53	2 9	19 57	0 39	20 22	1 13	7 44	1 25	15 31	1 48	6 0	0 44	21 24	0 19	23 28	0 7	21 26	21 15	21 9		n.a.
S 19	23 30	16 57	2 19	20 38	2 24	20 14	0 37	20 12	1 12	7 41	1 24	15 33	1 48	5 59	0 44	21 24	0 19	23 28	0 7	21 26	21 15	21 8		n.a.
M20	23 33	19 33	1 16	20 23	2 38	20 31	0 34	20 3	1 12	7 39	1 24	15 35	1 48	5 59	0 44	21 24	0 19	23 28	0 7	21 26	21 14	21 7		n.a.
T 21	23 36	21 15	0 10	20 9	2 52	20 47	0 32	19 53	1 11	7 36	1 24	15 37	1 48	5 58	0 44	21 25	0 19	23 28	0 7	21 26	21 13	21 6		n.a.
W22	23 38	21 59	0s55	19 56	3 6	21 3	0 29	19 42	1 10	7 33	1 24	15 39	1 48	5 58	0 44	21 25	0 19	23 28	0 7	21 26	21 13	21 5		n.a.
T 23	23 40	21 44	1 58	19 43	3 19	21 18	0 27	19 32	1 10	7 30	1 23	15 41	1 48	5 57	0 44	21 25	0 19	23 29	0 7	21 26	21 12	21 4		n.a.
F 24	23 42	20 31	2 55	19 32	3 32	21 32	0 24	19 22	1 9	7 28	1 23	15 42	1 48	5 56	0 44	21 25	0 19	23 29	0 8	21 25	21 12	21 3		n.a.
S 25	23 43	18 25	3 45	19 22	3 44	21 46	0 21	19 11	1 9	7 25	1 23	15 44	1 48	5 56	0 44	21 26	0 19	23 29	0 8	21 25	21 11	21 2		n.a.
S 26	23 44	15 32	4 25	19 12	3 56	22 0	0 19	19 1	1 8	7 22	1 23	15 46	1 48	5 55	0 44	21 26	0 19	23 29	0 8	21 24	21 10	21 1		n.a.
M27	23 44	11 59	4 54	19 4	4 7	22 13	0 16	18 50	1 8	7 19	1 22	15 48	1 48	5 55	0 44	21 26	0 19	23 29	0 8	21 23	21 10	21 0		n.a.
T 28	23 44	7 55	5 11	18 58	4 16	22 25	0 14	18 39	1 7	7 16	1 22	15 50	1 48	5 54	0 44	21 27	0 19	23 30	0 8	21 23	21 9	20 59		n.a.
W29	23 43	3 29	5 13	18 53	4 24	22 36	0 11	18 28	1 7	7 13	1 22	15 51	1 48	5 53	0 44	21 27	0 19	23 30	0 8	21 22	21 9	20 58		n.a.
T 30	23n42	1s12	5s 1	18n49	4s31	22n47	0s 9	18n16	1n 6	7n10	1n22	15n53	1s48	5n53	0n44	21s27	0s19	23n30	0n 8	21s22	21s 8	20n57		n.a.

Julian Day Number = 1613095.5, Delta T = 03h52m04s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'58, Lahiri = - 8°02'57 Julian Calendar 1 June 297 BCE == Greg. Calendar 28 May 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

JULY 297 BCE (-296) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 19 16	3♋47'45	4♎23	9°R37	16♊43	13♌17	15♍19	18♉53	16♍59	26°R19	20♊16	4°D51	3♐34	5♋ 7	n.a.	F 1
S 2	18 23 12	4°45'08	17°37	8♋52	17°56	13°54	15°26	18°59	17° 1	26♑17	20°18	4♐51	3°31	5°14	n.a.	S 2
S 3	18 27 9	5°42'32	1♏16	8° 6	19°10	14°32	15°34	19° 5	17° 3	26°16	20°20	4°52	3°28	5°20	n.a.	S 3
M 4	18 31 5	6°39'56	15°20	7°20	20°23	15°10	15°42	19°12	17° 5	26°14	20°21	4°54	3°25	5°27	n.a.	M 4
T 5	18 35 2	7°37'21	29°50	6°34	21°37	15°47	15°50	19°18	17° 7	26°13	20°23	4°R55	3°22	5°34	n.a.	T 5
W 6	18 38 58	8°34'48	14♐42	5°50	22°50	16°25	15°58	19°24	17° 8	26°11	20°24	4°55	3°18	5°40	n.a.	W 6
T 7	18 42 55	9°32'15	29°50	5° 7	24° 4	17° 3	16° 7	19°30	17°10	26°10	20°26	4°53	3°15	5°47	n.a.	T 7
F 8	18 46 52	10°29'44	15♑ 5	4°28	25°17	17°41	16°15	19°36	17°12	26° 8	20°27	4°49	3°12	5°54	n.a.	F 8
S 9	18 50 48	11°27'14	0♒17	3°52	26°31	18°19	16°24	19°42	17°14	26° 7	20°29	4°45	3° 9	6° 0	n.a.	S 9
S 10	18 54 45	12°24'45	15°16	3°21	27°44	18°57	16°32	19°48	17°17	26° 5	20°30	4°39	3° 6	6° 7	n.a.	S 10
M11	18 58 41	13°22'17	29°53	2°54	28°58	19°35	16°41	19°53	17°19	26° 3	20°32	4°34	3° 3	6°14	n.a.	M11
T 12	19 2 38	14°19'51	14♓ 4	2°34	0♋12	20°13	16°50	19°59	17°21	26° 2	20°33	4°30	2°59	6°20	n.a.	T 12
W13	19 6 34	15°17'27	27°46	2°20	1°26	20°52	16°59	20° 5	17°23	26° 0	20°35	4°26	2°56	6°27	n.a.	W13
T 14	19 10 31	16°15'04	11♈ 0	2°12	2°39	21°30	17° 8	20°10	17°25	25°59	20°36	4°D25	2°53	6°34	n.a.	T 14
F 15	19 14 27	17°12'43	23°49	2°D12	3°53	22° 8	17°17	20°16	17°28	25°57	20°38	4°25	2°50	6°40	n.a.	F 15
S 16	19 18 24	18°10'24	6♉17	2°18	5° 7	22°47	17°27	20°21	17°30	25°55	20°39	4°26	2°47	6°47	n.a.	S 16
S 17	19 22 21	19° 8'06	18°28	2°32	6°21	23°25	17°36	20°27	17°32	25°54	20°41	4°28	2°44	6°54	n.a.	S 17
M18	19 26 17	20° 5'51	0♊27	2°53	7°35	24° 4	17°46	20°32	17°35	25°52	20°42	4°R29	2°40	7° 0	n.a.	M18
T 19	19 30 14	21° 3'37	12°19	3°22	8°49	24°42	17°55	20°37	17°37	25°50	20°43	4°28	2°37	7° 7	n.a.	T 19
W20	19 34 10	22° 1'24	24° 7	3°58	10° 3	25°21	18° 5	20°42	17°40	25°49	20°45	4°26	2°34	7°14	n.a.	W20
T 21	19 38 7	22°59'14	5♋54	4°42	11°17	25°59	18°15	20°47	17°42	25°47	20°46	4°22	2°31	7°20	n.a.	T 21
F 22	19 42 3	23°57'05	17°44	5°32	12°31	26°38	18°25	20°52	17°45	25°46	20°48	4°15	2°28	7°27	n.a.	F 22
S 23	19 46 0	24°54'57	29°38	6°30	13°45	27°17	18°35	20°57	17°47	25°44	20°49	4° 7	2°24	7°34	n.a.	S 23
S 24	19 49 56	25°52'51	11♌38	7°34	14°59	27°56	18°45	21° 2	17°50	25°42	20°50	3°58	2°21	7°40	n.a.	S 24
M25	19 53 53	26°50'47	23°45	8°45	16°13	28°35	18°55	21° 7	17°53	25°41	20°52	3°48	2°18	7°47	n.a.	M25
T 26	19 57 50	27°48'44	6♍ 1	10° 1	17°27	29°13	19° 5	21°11	17°55	25°39	20°53	3°38	2°15	7°54	n.a.	T 26
W27	20 1 46	28°46'43	18°27	11°24	18°42	29°52	19°16	21°16	17°58	25°37	20°54	3°30	2°12	8° 0	n.a.	W27
T 28	20 5 43	29°44'43	1♎ 5	12°51	19°56	0♍31	19°26	21°21	18° 1	25°36	20°56	3°25	2° 9	8° 7	n.a.	T 28
F 29	20 9 39	0♌42'45	13°59	14°23	21°10	1°11	19°37	21°25	18° 4	25°34	20°57	3°21	2° 5	8°14	n.a.	F 29
S 30	20 13 36	1°40'48	27° 9	16° 0	22°24	1°50	19°47	21°29	18° 7	25°32	20°58	3°D20	2° 2	8°20	n.a.	S 30
S 31	20 17 32	2♌38'53	10♏40	17♋40	23♋39	2♍29	19♍58	21♉33	18♍10	25♑31	20♊59	3♐20	1♐59	8♋27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n40	5s56	4s33	18n46	4s37	22n57	0s 6	18n 5	1n 6	7n 6	1n21	15n55	1s48	5n52	0n44	21s27	0s19	23n30	0n 8	21s22	21s 7	20n56		n.a.
S 2	23 39	10 32	3 51	18 46	4 41	23 7	0 4	17 54	1 5	7 3	1 21	15 56	1 48	5 51	0 44	21 28	0 19	23 30	0 8	21 22	21 7	20 55		n.a.
S 3	23 36	14 46	2 54	18 46	4 43	23 16	0 1	17 42	1 5	7 0	1 21	15 58	1 48	5 51	0 44	21 28	0 19	23 30	0 8	21 22	21 6	20 54		n.a.
M 4	23 34	18 18	1 45	18 49	4 43	23 24	0n 1	17 30	1 4	6 56	1 21	16 0	1 49	5 50	0 44	21 28	0 19	23 31	0 8	21 22	21 6	20 53		n.a.
T 5	23 30	20 49	0 28	18 52	4 42	23 31	0 4	17 18	1 3	6 53	1 21	16 1	1 49	5 49	0 44	21 29	0 19	23 31	0 8	21 22	21 5	20 52		n.a.
W 6	23 27	21 57	0n53	18 58	4 39	23 38	0 6	17 6	1 3	6 50	1 20	16 3	1 49	5 48	0 44	21 29	0 19	23 31	0 8	21 22	21 4	20 51		n.a.
T 7	23 23	21 32	2 12	19 4	4 34	23 45	0 9	16 54	1 2	6 46	1 20	16 4	1 49	5 48	0 44	21 29	0 19	23 31	0 8	21 22	21 4	20 50		n.a.
F 8	23 19	19 32	3 22	19 12	4 27	23 50	0 11	16 42	1 2	6 43	1 20	16 6	1 49	5 47	0 43	21 30	0 19	23 31	0 8	21 21	21 3	20 49		n.a.
S 9	23 14	16 9	4 17	19 22	4 19	23 55	0 14	16 30	1 1	6 39	1 20	16 8	1 49	5 46	0 43	21 30	0 19	23 31	0 8	21 21	21 2	20 48		n.a.
S 10	23 9	11 47	4 53	19 32	4 9	23 59	0 16	16 17	1 1	6 36	1 19	16 9	1 49	5 45	0 43	21 30	0 19	23 32	0 9	21 20	21 2	20 47		n.a.
M11	23 3	6 49	5 10	19 44	3 58	24 2	0 19	16 4	1 0	6 32	1 19	16 11	1 49	5 44	0 43	21 31	0 19	23 32	0 9	21 19	21 1	20 46		n.a.
T 12	22 57	1 38	5 7	19 57	3 45	24 5	0 21	15 52	1 0	6 28	1 19	16 12	1 49	5 43	0 43	21 31	0 19	23 32	0 9	21 18	21 1	20 45		n.a.
W13	22 50	3n28	4 46	20 11	3 32	24 7	0 23	15 39	0 59	6 24	1 19	16 13	1 49	5 42	0 43	21 31	0 19	23 32	0 9	21 17	21 0	20 44		n.a.
T 14	22 44	8 14	4 10	20 26	3 17	24 8	0 26	15 26	0 59	6 21	1 19	16 15	1 49	5 41	0 43	21 31	0 19	23 32	0 9	21 17	20 59	20 43		n.a.
F 15	22 36	12 29	3 23	20 41	3 2	24 8	0 28	15 13	0 58	6 17	1 18	16 16	1 49	5 40	0 43	21 32	0 19	23 32	0 9	21 17	20 59	20 42		n.a.
S 16	22 29	16 5	2 27	20 56	2 46	24 8	0 30	15 0	0 57	6 13	1 18	16 18	1 50	5 40	0 43	21 32	0 19	23 33	0 9	21 17	20 58	20 40		n.a.
S 17	22 21	18 54	1 26	21 12	2 30	24 7	0 33	14 46	0 57	6 9	1 18	16 19	1 50	5 39	0 43	21 32	0 19	23 33	0 9	21 17	20 57	20 39		n.a.
M18	22 12	20 51	0 22	21 29	2 13	24 5	0 35	14 33	0 56	6 5	1 18	16 20	1 50	5 38	0 43	21 33	0 19	23 33	0 9	21 18	20 57	20 38		n.a.
T 19	22 3	21 51	0s42	21 45	1 57	24 3	0 37	14 19	0 56	6 1	1 18	16 22	1 50	5 37	0 43	21 33	0 19	23 33	0 9	21 18	20 56	20 37		n.a.
W20	21 54	21 52	1 44	22 0	1 40	24 0	0 39	14 6	0 55	5 57	1 17	16 23	1 50	5 36	0 43	21 33	0 19	23 33	0 9	21 17	20 56	20 36		n.a.
T 21	21 45	20 55	2 41	22 15	1 23	23 56	0 41	13 52	0 55	5 53	1 17	16 24	1 50	5 35	0 43	21 34	0 19	23 33	0 9	21 16	20 55	20 35		n.a.
F 22	21 35	19 3	3 32	22 30	1 7	23 51	0 43	13 38	0 54	5 49	1 17	16 25	1 50	5 33	0 43	21 34	0 19	23 34	0 9	21 15	20 54	20 34		n.a.
S 23	21 24	16 21	4 13	22 43	0 51	23 46	0 45	13 24	0 54	5 45	1 17	16 26	1 50	5 32	0 43	21 34	0 19	23 34	0 9	21 14	20 54	20 33		n.a.
S 24	21 14	12 58	4 43	22 55	0 36	23 40	0 47	13 10	0 53	5 41	1 17	16 28	1 50	5 31	0 43	21 35	0 19	23 34	0 9	21 12	20 53	20 32		n.a.
M25	21 3	9 2	5 1	23 6	0 21	23 33	0 49	12 56	0 52	5 37	1 17	16 29	1 50	5 30	0 43	21 35	0 19	23 34	0 10	21 10	20 52	20 31		n.a.
T 26	20 51	4 41	5 5	23 15	0 6	23 25	0 51	12 41	0 52	5 32	1 16	16 30	1 51	5 29	0 43	21 35	0 19	23 34	0 10	21 8	20 52	20 30		n.a.
W27	20 39	0 6	4 55	23 22	0n 8	23 17	0 53	12 27	0 51	5 28	1 16	16 31	1 51	5 28	0 43	21 36	0 19	23 34	0 10	21 7	20 51	20 28		n.a.
T 28	20 27	4s34	4 31	23 26	0 20	23 8	0 55	12 13	0 51	5 24	1 16	16 32	1 51	5 27	0 43	21 36	0 19	23 35	0 10	21 5	20 51	20 27		n.a.
F 29	20 14	9 9	3 53	23 29	0 33	22 59	0 57	11 58	0 50	5 19	1 16	16 33	1 51	5 26	0 43	21 36	0 20	23 35	0 10	21 5	20 50	20 26		n.a.
S 30	20 2	13 24	3 1	23 29	0 44	22 48	0 59	11 43	0 50	5 15	1 16	16 34	1 51	5 25	0 43	21 37	0 20	23 35	0 10	21 5	20 49	20 25		n.a.
S 31	19n48	17s 4	1s58	23n26	0n54	22n37	1n 0	11n29	0n49	5n11	1n16	16n35	1s51	5n23	0n43	21s37	0s20	23n35	0n10	21s 5	20s49	20n24		n.a.

Julian Day Number = 1613125.5, Delta T = 03h52m03s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'53, Lahiri = - 8°02'53 Julian Calendar 1 July 297 BCE == Greg. Calendar 27 June 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

AUGUST 297 BCE (-296) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 21 29	3♌36'59	24♏33	19♋24	24♋53	3♍ 8	20♍ 9	21♉38	18♍12	25°R29	21♊ 1	3♐20	1♐56	8♋34	n.a.	M 1
T 2	20 25 25	4°35'07	8♐49	21°11	26° 7	3°48	20°20	21°42	18°15	25♑28	21° 2	3°R20	1°53	8°40	n.a.	T 2
W 3	20 29 22	5°33'16	23°26	23° 0	27°22	4°27	20°31	21°46	18°18	25°26	21° 3	3°19	1°50	8°47	n.a.	W 3
T 4	20 33 19	6°31'27	8♑21	24°51	28°36	5° 6	20°42	21°49	18°21	25°24	21° 4	3°15	1°46	8°54	n.a.	T 4
F 5	20 37 15	7°29'40	23°27	26°44	29°51	5°46	20°53	21°53	18°25	25°23	21° 5	3° 9	1°43	9° 0	n.a.	F 5
S 6	20 41 12	8°27'54	8♒34	28°38	1♌ 5	6°25	21° 4	21°57	18°28	25°21	21° 7	3° 0	1°40	9° 7	n.a.	S 6
S 7	20 45 8	9°26'10	23°34	0♌32	2°20	7° 5	21°15	22° 1	18°31	25°20	21° 8	2°50	1°37	9°14	n.a.	S 7
M 8	20 49 5	10°24'29	8♓15	2°27	3°34	7°44	21°26	22° 4	18°34	25°18	21° 9	2°40	1°34	9°20	n.a.	M 8
T 9	20 53 1	11°22'49	22°32	4°23	4°49	8°24	21°38	22° 7	18°37	25°16	21°10	2°32	1°30	9°27	n.a.	T 9
W10	20 56 58	12°21'12	6♈19	6°18	6° 3	9° 4	21°49	22°11	18°40	25°15	21°11	2°25	1°27	9°34	n.a.	W10
T 11	21 0 54	13°19'36	19°38	8°13	7°18	9°44	22° 1	22°14	18°44	25°13	21°12	2°20	1°24	9°40	n.a.	T 11
F 12	21 4 51	14°18'03	2♉30	10° 8	8°33	10°24	22°12	22°17	18°47	25°12	21°13	2°18	1°21	9°47	n.a.	F 12
S 13	21 8 48	15°16'32	14°59	12° 2	9°47	11° 3	22°24	22°20	18°50	25°10	21°14	2°D17	1°18	9°54	n.a.	S 13
S 14	21 12 44	16°15'04	27° 9	13°56	11° 2	11°43	22°36	22°23	18°53	25° 9	21°15	2°R17	1°15	10° 0	n.a.	S 14
M15	21 16 41	17°13'38	9♊ 7	15°49	12°17	12°23	22°47	22°26	18°57	25° 7	21°16	2°17	1°11	10° 7	n.a.	M15
T 16	21 20 37	18°12'14	20°57	17°41	13°32	13° 4	22°59	22°28	19° 0	25° 6	21°17	2°16	1° 8	10°14	n.a.	T 16
W17	21 24 34	19°10'53	2♋44	19°32	14°46	13°44	23°11	22°31	19° 4	25° 4	21°18	2°12	1° 5	10°21	n.a.	W17
T 18	21 28 30	20° 9'33	14°33	21°22	16° 1	14°24	23°23	22°34	19° 7	25° 3	21°19	2° 6	1° 2	10°27	n.a.	T 18
F 19	21 32 27	21° 8'16	26°27	23°11	17°16	15° 4	23°35	22°36	19°10	25° 1	21°20	1°56	0°59	10°34	n.a.	F 19
S 20	21 36 23	22° 7'01	8♌28	25° 0	18°31	15°44	23°47	22°38	19°14	25° 0	21°21	1°45	0°55	10°41	n.a.	S 20
S 21	21 40 20	23° 5'48	20°39	26°47	19°46	16°25	23°59	22°40	19°17	24°59	21°22	1°31	0°52	10°47	n.a.	S 21
M22	21 44 16	24° 4'38	2♍59	28°34	21° 1	17° 5	24°11	22°43	19°21	24°57	21°23	1°18	0°49	10°54	n.a.	M22
T 23	21 48 13	25° 3'29	15°29	0♍19	22°16	17°46	24°24	22°44	19°24	24°56	21°23	1° 4	0°46	11° 1	n.a.	T 23
W24	21 52 10	26° 2'22	28°10	2° 3	23°31	18°26	24°36	22°46	19°28	24°54	21°24	0°53	0°43	11° 7	n.a.	W24
T 25	21 56 6	27° 1'18	11♎ 2	3°47	24°45	19° 7	24°48	22°48	19°32	24°53	21°25	0°44	0°40	11°14	n.a.	T 25
F 26	22 0 3	28° 0'15	24° 6	5°29	26° 0	19°48	25° 0	22°50	19°35	24°52	21°26	0°38	0°36	11°21	n.a.	F 26
S 27	22 3 59	28°59'14	7♏23	7°11	27°15	20°28	25°13	22°51	19°39	24°51	21°27	0°35	0°33	11°27	n.a.	S 27
S 28	22 7 56	29°58'15	20°53	8°52	28°30	21° 9	25°25	22°53	19°42	24°49	21°27	0°34	0°30	11°34	n.a.	S 28
M29	22 11 52	0♍57'18	4♐40	10°31	29°45	21°50	25°38	22°54	19°46	24°48	21°28	0°34	0°27	11°41	n.a.	M29
T 30	22 15 49	1°56'23	18°43	12°10	1♍ 0	22°31	25°50	22°55	19°50	24°47	21°29	0°34	0°24	11°47	n.a.	T 30
W31	22 19 45	2♍55'29	3♑ 3	13♍48	2♍15	23♍12	26♍ 3	22♉56	19♍53	24♑46	21♊29	0♐31	0♐21	11♋54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	19n35	19s54	0s47	23n21	1n 4	22n26	1n 2	11n14	0n48	5n 6	1n15	16n36	1s51	5n22	0n43	21s37	0s20	23n35	0n10	21s 5	20s48	20n23			n.a.
T 2	19 21	21 33	0n29	23 14	1 12	22 13	1 3	10 59	0 48	5 2	1 15	16 37	1 51	5 21	0 43	21 38	0 20	23 35	0 10	21 5	20 47	20 22			n.a.
W 3	19 7	21 49	1 45	23 3	1 20	22 0	1 5	10 44	0 47	4 57	1 15	16 38	1 52	5 20	0 43	21 38	0 20	23 35	0 10	21 4	20 47	20 21			n.a.
T 4	18 52	20 33	2 55	22 50	1 26	21 46	1 7	10 29	0 47	4 53	1 15	16 39	1 52	5 19	0 43	21 38	0 20	23 36	0 10	21 4	20 46	20 19			n.a.
F 5	18 37	17 49	3 54	22 34	1 32	21 32	1 8	10 13	0 46	4 48	1 15	16 40	1 52	5 17	0 43	21 38	0 20	23 36	0 10	21 2	20 45	20 18			n.a.
S 6	18 22	13 54	4 36	22 16	1 37	21 17	1 9	9 58	0 46	4 44	1 15	16 40	1 52	5 16	0 43	21 39	0 20	23 36	0 10	21 1	20 45	20 17			n.a.
S 7	18 6	9 7	4 59	21 55	1 41	21 2	1 11	9 43	0 45	4 39	1 15	16 41	1 52	5 15	0 42	21 39	0 20	23 36	0 10	20 59	20 44	20 16			n.a.
M 8	17 51	3 55	5 2	21 32	1 44	20 45	1 12	9 27	0 44	4 34	1 14	16 42	1 52	5 14	0 42	21 39	0 20	23 36	0 10	20 57	20 43	20 15			n.a.
T 9	17 35	1n21	4 45	21 7	1 46	20 29	1 13	9 12	0 44	4 30	1 14	16 43	1 52	5 12	0 42	21 40	0 20	23 36	0 10	20 55	20 43	20 14			n.a.
W10	17 18	6 23	4 12	20 39	1 48	20 11	1 14	8 56	0 43	4 25	1 14	16 43	1 52	5 11	0 42	21 40	0 20	23 36	0 11	20 54	20 42	20 12			n.a.
T 11	17 1	10 57	3 26	20 10	1 48	19 53	1 15	8 40	0 43	4 20	1 14	16 44	1 53	5 10	0 42	21 40	0 20	23 37	0 11	20 53	20 41	20 11			n.a.
F 12	16 44	14 51	2 31	19 39	1 48	19 34	1 16	8 25	0 42	4 15	1 14	16 45	1 53	5 8	0 42	21 41	0 20	23 37	0 11	20 52	20 41	20 10			n.a.
S 13	16 27	17 58	1 31	19 7	1 48	19 15	1 17	8 9	0 42	4 11	1 14	16 45	1 53	5 7	0 42	21 41	0 20	23 37	0 11	20 52	20 40	20 9			n.a.
S 14	16 9	20 12	0 27	18 33	1 47	18 56	1 18	7 53	0 41	4 6	1 14	16 46	1 53	5 6	0 42	21 41	0 20	23 37	0 11	20 52	20 39	20 8			n.a.
M15	15 52	21 29	0s36	17 58	1 45	18 35	1 19	7 37	0 40	4 1	1 13	16 47	1 53	5 4	0 42	21 41	0 20	23 37	0 11	20 52	20 39	20 7			n.a.
T 16	15 33	21 48	1 37	17 21	1 43	18 14	1 20	7 21	0 40	3 56	1 13	16 47	1 53	5 3	0 42	21 42	0 20	23 37	0 11	20 52	20 38	20 5			n.a.
W17	15 15	21 8	2 34	16 44	1 40	17 53	1 21	7 5	0 39	3 51	1 13	16 48	1 53	5 2	0 42	21 42	0 20	23 37	0 11	20 51	20 38	20 4			n.a.
T 18	14 56	19 33	3 24	16 5	1 37	17 31	1 21	6 48	0 39	3 46	1 13	16 48	1 54	5 0	0 42	21 42	0 20	23 38	0 11	20 50	20 37	20 3			n.a.
F 19	14 38	17 6	4 5	15 26	1 34	17 9	1 22	6 32	0 38	3 41	1 13	16 49	1 54	4 59	0 42	21 43	0 20	23 38	0 11	20 48	20 36	20 2			n.a.
S 20	14 18	13 55	4 36	14 45	1 30	16 46	1 23	6 16	0 37	3 37	1 13	16 49	1 54	4 57	0 42	21 43	0 20	23 38	0 11	20 46	20 36	20 1			n.a.
S 21	13 59	10 8	4 55	14 4	1 26	16 23	1 23	5 59	0 37	3 32	1 13	16 50	1 54	4 56	0 42	21 43	0 20	23 38	0 11	20 43	20 35	19 59			n.a.
M22	13 39	5 53	5 0	13 23	1 21	15 59	1 23	5 43	0 36	3 27	1 13	16 50	1 54	4 55	0 42	21 43	0 20	23 38	0 11	20 40	20 34	19 58			n.a.
T 23	13 20	1 20	4 51	12 41	1 16	15 35	1 24	5 26	0 36	3 22	1 12	16 50	1 54	4 53	0 42	21 44	0 20	23 38	0 11	20 37	20 34	19 57			n.a.
W24	12 59	3s21	4 27	11 58	1 11	15 10	1 24	5 10	0 35	3 17	1 12	16 51	1 54	4 52	0 42	21 44	0 20	23 38	0 11	20 35	20 33	19 56			n.a.
T 25	12 39	7 56	3 50	11 16	1 6	14 45	1 24	4 53	0 34	3 12	1 12	16 51	1 55	4 50	0 42	21 44	0 20	23 38	0 12	20 33	20 32	19 55			n.a.
F 26	12 19	12 14	3 0	10 32	1 0	14 20	1 24	4 36	0 34	3 7	1 12	16 51	1 55	4 49	0 42	21 44	0 20	23 39	0 12	20 32	20 32	19 53			n.a.
S 27	11 58	16 1	1 59	9 49	0 54	13 54	1 25	4 20	0 33	3 1	1 12	16 52	1 55	4 48	0 42	21 45	0 20	23 39	0 12	20 31	20 31	19 52			n.a.
S 28	11 37	19 1	0 51	9 5	0 48	13 27	1 25	4 3	0 33	2 56	1 12	16 52	1 55	4 46	0 42	21 45	0 20	23 39	0 12	20 31	20 30	19 51			n.a.
M29	11 16	20 58	0n22	8 21	0 42	13 1	1 25	3 46	0 32	2 51	1 12	16 52	1 55	4 45	0 42	21 45	0 20	23 39	0 12	20 31	20 30	19 50			n.a.
T 30	10 55	21 41	1 34	7 37	0 36	12 34	1 24	3 29	0 31	2 46	1 12	16 52	1 55	4 43	0 42	21 45	0 20	23 39	0 12	20 31	20 29	19 48			n.a.
W31	10n33	20s59	2n43	6n53	0n29	12n 6	1n24	3n12	0n31	2n41	1n12	16n52	1s55	4n42	0n42	21s46	0s20	23n39	0n12	20s30	20s28	19n47			n.a.

Julian Day Number = 1613156.5, Delta T = 03h52m02s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'49, Lahiri = - 8°02'49 Julian Calendar 1 Aug. 297 BCE == Greg. Calendar 28 July 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

SEPTEMBER 297 BCE (-296) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 23 42	3♍54'38	17♉37	15♍25	3♍31	23♍53	26♍16	22♉57	19♍57	24°R44	21♊30	0°R27	0♐17	12♋ 1	n.a.	T 1
F 2	22 27 39	4°53'48	2♒22	17° 2	4°46	24°34	26°28	22°58	20° 1	24♉43	21°31	0♐19	0°14	12° 7	n.a.	F 2
S 3	22 31 35	5°53'00	17°10	18°37	6° 1	25°15	26°41	22°59	20° 4	24°42	21°31	0°10	0°11	12°14	n.a.	S 3
S 4	22 35 32	6°52'15	1♓53	20°12	7°16	25°56	26°54	23° 0	20° 8	24°41	21°32	29♏58	0° 8	12°21	n.a.	S 4
M 5	22 39 28	7°51'31	16°24	21°46	8°31	26°37	27° 6	23° 0	20°12	24°40	21°32	29°46	0° 5	12°27	n.a.	M 5
T 6	22 43 25	8°50'50	0♈34	23°19	9°46	27°18	27°19	23° 1	20°15	24°39	21°33	29°36	0° 1	12°34	n.a.	T 6
W 7	22 47 21	9°50'10	14°21	24°51	11° 1	28° 0	27°32	23° 1	20°19	24°38	21°33	29°27	29♏58	12°41	n.a.	W 7
T 8	22 51 18	10°49'34	27°40	26°23	12°16	28°41	27°45	23° 1	20°23	24°37	21°34	29°21	29°55	12°47	n.a.	T 8
F 9	22 55 14	11°48'59	10♉34	27°53	13°31	29°23	27°58	23°R 1	20°27	24°36	21°34	29°17	29°52	12°54	n.a.	F 9
S 10	22 59 11	12°48'27	23° 6	29°24	14°47	0♎ 4	28°11	23° 1	20°30	24°35	21°35	29°16	29°49	13° 1	n.a.	S 10
S 11	23 3 7	13°47'58	5♊18	0♎53	16° 2	0°46	28°24	23° 1	20°34	24°34	21°35	29°D16	29°46	13° 7	n.a.	S 11
M12	23 7 4	14°47'31	17°17	2°21	17°17	1°27	28°37	23° 1	20°38	24°33	21°35	29°R16	29°42	13°14	n.a.	M12
T 13	23 11 1	15°47'06	29° 9	3°49	18°32	2° 9	28°50	23° 0	20°42	24°32	21°36	29°15	29°39	13°21	n.a.	T 13
W14	23 14 57	16°46'44	10♋58	5°16	19°47	2°51	29° 3	23° 0	20°46	24°31	21°36	29°13	29°36	13°28	n.a.	W14
T 15	23 18 54	17°46'24	22°49	6°42	21° 3	3°32	29°16	22°59	20°49	24°30	21°36	29° 8	29°33	13°34	n.a.	T 15
F 16	23 22 50	18°46'06	4♌47	8° 7	22°18	4°14	29°29	22°59	20°53	24°30	21°37	29° 0	29°30	13°41	n.a.	F 16
S 17	23 26 47	19°45'50	16°55	9°32	23°33	4°56	29°42	22°58	20°57	24°29	21°37	28°49	29°27	13°48	n.a.	S 17
S 18	23 30 43	20°45'37	29°15	10°55	24°48	5°38	29°55	22°57	21° 1	24°28	21°37	28°38	29°23	13°54	n.a.	S 18
M19	23 34 40	21°45'26	11♍50	12°18	26° 4	6°20	0♎ 8	22°56	21° 4	24°27	21°37	28°25	29°20	14° 1	n.a.	M19
T 20	23 38 36	22°45'17	24°38	13°40	27°19	7° 2	0°21	22°55	21° 8	24°27	21°38	28°13	29°17	14° 8	n.a.	T 20
W21	23 42 33	23°45'10	7♎39	15° 1	28°34	7°44	0°34	22°53	21°12	24°26	21°38	28° 3	29°14	14°14	n.a.	W21
T 22	23 46 30	24°45'06	20°52	16°20	29°49	8°26	0°47	22°52	21°16	24°25	21°38	27°55	29°11	14°21	n.a.	T 22
F 23	23 50 26	25°45'03	4♏17	17°39	1♎ 5	9° 9	1° 1	22°51	21°20	24°25	21°38	27°50	29° 7	14°28	n.a.	F 23
S 24	23 54 23	26°45'02	17°51	18°56	2°20	9°51	1°14	22°49	21°23	24°24	21°38	27°48	29° 4	14°34	n.a.	S 24
S 25	23 58 19	27°45'02	1♐34	20°12	3°35	10°33	1°27	22°47	21°27	24°24	21°38	27°D47	29° 1	14°41	n.a.	S 25
M26	0 2 16	28°45'05	15°26	21°26	4°51	11°16	1°40	22°46	21°31	24°23	21°R38	27°48	28°58	14°48	n.a.	M26
T 27	0 6 12	29°45'09	29°26	22°39	6° 6	11°58	1°53	22°44	21°35	24°23	21°38	27°R48	28°55	14°54	n.a.	T 27
W28	0 10 9	0♎45'15	13♉35	23°50	7°21	12°41	2° 7	22°42	21°38	24°22	21°38	27°48	28°52	15° 1	n.a.	W28
T 29	0 14 5	1°45'23	27°51	24°59	8°36	13°23	2°20	22°39	21°42	24°22	21°38	27°45	28°48	15° 8	n.a.	T 29
F 30	0 18 2	2♎45'32	12♒11	26♎ 6	9♎52	14♎ 6	2♎33	22♉37	21♍46	24♉21	21♊38	27♏40	28♏45	15♋14	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n12	18s54	3n41	6n 9	0n23	11n39	1n24	2n55	0n30	2n36	1n12	16n52	1s56	4n40	0n42	21s46	0s20	23n39	0n12	20s30	20s27	19n46		n.a.
F 2	9 50	15 33	4 26	5 25	0 16	11 11	1 24	2 38	0 30	2 31	1 12	16 52	1 56	4 39	0 42	21 46	0 20	23 39	0 12	20 28	20 27	19 45		n.a.
S 3	9 28	11 14	4 53	4 41	0 9	10 42	1 23	2 21	0 29	2 25	1 11	16 53	1 56	4 37	0 42	21 46	0 20	23 39	0 12	20 26	20 26	19 43		n.a.
S 4	9 6	6 16	5 0	3 58	0 2	10 14	1 23	2 4	0 28	2 20	1 11	16 53	1 56	4 36	0 42	21 46	0 20	23 40	0 12	20 23	20 25	19 42		n.a.
M 5	8 43	1 1	4 48	3 14	0s 5	9 45	1 23	1 47	0 28	2 15	1 11	16 53	1 56	4 34	0 42	21 47	0 20	23 40	0 12	20 21	20 25	19 41		n.a.
T 6	8 21	4n10	4 18	2 30	0 12	9 16	1 22	1 30	0 27	2 10	1 11	16 53	1 56	4 33	0 42	21 47	0 20	23 40	0 12	20 19	20 24	19 40		n.a.
W 7	7 58	9 0	3 34	1 47	0 19	8 46	1 21	1 13	0 27	2 5	1 11	16 52	1 56	4 31	0 42	21 47	0 20	23 40	0 12	20 17	20 23	19 38		n.a.
T 8	7 36	13 14	2 39	1 4	0 26	8 17	1 21	0 56	0 26	1 59	1 11	16 52	1 57	4 30	0 42	21 47	0 20	23 40	0 13	20 15	20 23	19 37		n.a.
F 9	7 13	16 43	1 37	0 21	0 33	7 47	1 20	0 38	0 25	1 54	1 11	16 52	1 57	4 28	0 42	21 47	0 20	23 40	0 13	20 15	20 22	19 36		n.a.
S 10	6 50	19 18	0 33	0s22	0 40	7 17	1 19	0 21	0 25	1 49	1 11	16 52	1 57	4 27	0 42	21 48	0 20	23 40	0 13	20 14	20 21	19 34		n.a.
S 11	6 27	20 55	0s32	1 5	0 47	6 47	1 18	0 4	0 24	1 44	1 11	16 52	1 57	4 25	0 42	21 48	0 20	23 40	0 13	20 14	20 21	19 33		n.a.
M12	6 4	21 33	1 34	1 47	0 54	6 16	1 17	0s13	0 24	1 38	1 11	16 52	1 57	4 24	0 42	21 48	0 20	23 40	0 13	20 14	20 20	19 32		n.a.
T 13	5 40	21 12	2 32	2 28	1 1	5 45	1 16	0 31	0 23	1 33	1 11	16 52	1 57	4 22	0 42	21 48	0 20	23 40	0 13	20 14	20 19	19 31		n.a.
W14	5 17	19 55	3 22	3 10	1 8	5 15	1 15	0 48	0 22	1 28	1 11	16 51	1 57	4 21	0 42	21 48	0 20	23 41	0 13	20 14	20 19	19 29		n.a.
T 15	4 53	17 45	4 4	3 51	1 15	4 44	1 14	1 6	0 22	1 22	1 11	16 51	1 58	4 19	0 42	21 48	0 20	23 41	0 13	20 12	20 18	19 28		n.a.
F 16	4 30	14 50	4 36	4 31	1 22	4 13	1 13	1 23	0 21	1 17	1 11	16 51	1 58	4 18	0 42	21 48	0 20	23 41	0 13	20 11	20 17	19 27		n.a.
S 17	4 6	11 15	4 56	5 11	1 29	3 41	1 12	1 40	0 20	1 12	1 10	16 50	1 58	4 16	0 42	21 49	0 20	23 41	0 13	20 8	20 17	19 25		n.a.
S 18	3 42	7 9	5 2	5 50	1 36	3 10	1 11	1 58	0 20	1 7	1 10	16 50	1 58	4 15	0 42	21 49	0 20	23 41	0 13	20 6	20 16	19 24		n.a.
M19	3 18	2 41	4 54	6 29	1 42	2 39	1 9	2 15	0 19	1 1	1 10	16 50	1 58	4 13	0 42	21 49	0 20	23 41	0 13	20 3	20 15	19 23		n.a.
T 20	2 55	1s59	4 31	7 7	1 49	2 7	1 8	2 32	0 19	0 56	1 10	16 49	1 58	4 12	0 42	21 49	0 20	23 41	0 13	20 0	20 14	19 21		n.a.
W21	2 31	6 39	3 54	7 45	1 55	1 35	1 7	2 50	0 18	0 51	1 10	16 49	1 58	4 10	0 42	21 49	0 20	23 41	0 13	19 58	20 14	19 20		n.a.
T 22	2 7	11 4	3 3	8 21	2 1	1 4	1 5	3 7	0 17	0 45	1 10	16 48	1 58	4 9	0 42	21 49	0 20	23 41	0 14	19 56	20 13	19 19		n.a.
F 23	1 43	15 1	2 2	8 57	2 7	0 32	1 4	3 25	0 17	0 40	1 10	16 48	1 59	4 7	0 42	21 49	0 20	23 41	0 14	19 55	20 12	19 17		n.a.
S 24	1 18	18 12	0 53	9 32	2 12	0 0	1 2	3 42	0 16	0 35	1 10	16 47	1 59	4 6	0 42	21 49	0 20	23 41	0 14	19 54	20 12	19 16		n.a.
S 25	0 54	20 24	0n20	10 6	2 18	0s31	1 0	3 59	0 15	0 29	1 10	16 47	1 59	4 4	0 42	21 50	0 20	23 41	0 14	19 54	20 11	19 15		n.a.
M26	0 30	21 23	1 33	10 40	2 23	1 3	0 59	4 17	0 15	0 24	1 10	16 46	1 59	4 3	0 42	21 50	0 20	23 41	0 14	19 55	20 10	19 13		n.a.
T 27	0 6	21 3	2 41	11 12	2 28	1 35	0 57	4 34	0 14	0 19	1 10	16 46	1 59	4 1	0 42	21 50	0 20	23 42	0 14	19 55	20 10	19 12		n.a.
W28	0s18	19 23	3 40	11 43	2 32	2 7	0 55	4 52	0 14	0 13	1 10	16 45	1 59	4 0	0 42	21 50	0 20	23 42	0 14	19 54	20 9	19 11		n.a.
T 29	0 42	16 30	4 26	12 12	2 36	2 38	0 53	5 9	0 13	0 8	1 10	16 44	1 59	3 58	0 42	21 50	0 20	23 42	0 14	19 54	20 8	19 9		n.a.
F 30	1s 7	12s38	4n55	12s41	2s40	3s10	0n52	5s26	0n12	0n 3	1n10	16n44	1s59	3n57	0n42	21s50	0s20	23n42	0n14	19s53	20s 7	19n 8		n.a.

Julian Day Number = 1613187.5, Delta T = 03h52m01s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'45, Lahiri = - 8°02'45 Julian Calendar 1 Sept. 297 BCE == Greg. Calendar 28 Aug. 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

OCTOBER 297 BCE (-296) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 21 58	3♎45'43	26♒32	27♎11	11♎ 7	14♎49	2♎46	22°R35	21♍50	24°R21	21°R38	27°R32	28♏42	15♋21	n.a.	S 1
S 2	0 25 55	4°45'55	10♓48	28°13	12°22	15°31	2°59	22♉32	21°53	24♑21	21♊38	27♏24	28°39	15°28	n.a.	S 2
M 3	0 29 52	5°46'09	24°55	29°11	13°37	16°14	3°13	22°30	21°57	24°21	21°38	27°15	28°36	15°35	n.a.	M 3
T 4	0 33 48	6°46'25	8♈47	0♏ 7	14°53	16°57	3°26	22°27	22° 1	24°20	21°37	27° 7	28°32	15°41	n.a.	T 4
W 5	0 37 45	7°46'43	22°20	0°59	16° 8	17°40	3°39	22°25	22° 5	24°20	21°37	27° 0	28°29	15°48	n.a.	W 5
T 6	0 41 41	8°47'03	5♉31	1°47	17°23	18°23	3°52	22°22	22° 8	24°20	21°37	26°56	28°26	15°55	n.a.	T 6
F 7	0 45 38	9°47'25	18°22	2°30	18°39	19° 6	4° 5	22°19	22°12	24°20	21°37	26°53	28°23	16° 1	n.a.	F 7
S 8	0 49 34	10°47'49	0♊52	3° 8	19°54	19°49	4°19	22°16	22°16	24°20	21°36	26°D53	28°20	16° 8	n.a.	S 8
S 9	0 53 31	11°48'15	13° 6	3°40	21° 9	20°32	4°32	22°13	22°19	24°20	21°36	26°54	28°17	16°15	n.a.	S 9
M10	0 57 27	12°48'43	25° 7	4° 6	22°24	21°15	4°45	22°10	22°23	24°D20	21°36	26°56	28°13	16°21	n.a.	M10
T 11	1 1 24	13°49'13	7♋ 0	4°25	23°40	21°58	4°58	22° 6	22°26	24°20	21°35	26°57	28°10	16°28	n.a.	T 11
W12	1 5 21	14°49'44	18°50	4°36	24°55	22°42	5°11	22° 3	22°30	24°20	21°35	26°R57	28° 7	16°35	n.a.	W12
T 13	1 9 17	15°50'18	0♌42	4°R38	26°10	23°25	5°24	21°59	22°34	24°20	21°35	26°56	28° 4	16°41	n.a.	T 13
F 14	1 13 14	16°50'54	12°42	4°31	27°26	24° 8	5°37	21°56	22°37	24°20	21°34	26°53	28° 1	16°48	n.a.	F 14
S 15	1 17 10	17°51'31	24°53	4°15	28°41	24°52	5°51	21°52	22°41	24°20	21°34	26°48	27°58	16°55	n.a.	S 15
S 16	1 21 7	18°52'10	7♍20	3°48	29°56	25°35	6° 4	21°49	22°44	24°20	21°33	26°42	27°54	17° 1	n.a.	S 16
M17	1 25 3	19°52'51	20° 4	3°11	1♏11	26°19	6°17	21°45	22°48	24°20	21°33	26°35	27°51	17° 8	n.a.	M17
T 18	1 29 0	20°53'34	3♎ 6	2°24	2°27	27° 2	6°30	21°41	22°51	24°21	21°32	26°28	27°48	17°15	n.a.	T 18
W19	1 32 56	21°54'18	16°26	1°27	3°42	27°46	6°43	21°37	22°55	24°21	21°32	26°23	27°45	17°22	n.a.	W19
T 20	1 36 53	22°55'04	0♏ 3	0°21	4°57	28°30	6°56	21°33	22°58	24°21	21°31	26°19	27°42	17°28	n.a.	T 20
F 21	1 40 50	23°55'52	13°54	29♎ 8	6°13	29°14	7° 9	21°29	23° 1	24°21	21°31	26°16	27°38	17°35	n.a.	F 21
S 22	1 44 46	24°56'40	27°54	27°49	7°28	29°57	7°22	21°25	23° 5	24°22	21°30	26°D16	27°35	17°42	n.a.	S 22
S 23	1 48 43	25°57'30	12♐ 2	26°28	8°43	0♏41	7°35	21°21	23° 8	24°22	21°29	26°17	27°32	17°48	n.a.	S 23
M24	1 52 39	26°58'21	26°13	25° 6	9°58	1°25	7°47	21°16	23°11	24°23	21°29	26°18	27°29	17°55	n.a.	M24
T 25	1 56 36	27°59'14	10♑26	23°47	11°14	2° 9	8° 0	21°12	23°15	24°23	21°28	26°19	27°26	18° 2	n.a.	T 25
W26	2 0 32	29° 0'07	24°37	22°33	12°29	2°53	8°13	21° 8	23°18	24°24	21°27	26°R20	27°23	18° 8	n.a.	W26
T 27	2 4 29	0♏ 1'01	8♒45	21°26	13°44	3°37	8°26	21° 3	23°21	24°24	21°27	26°20	27°19	18°15	n.a.	T 27
F 28	2 8 25	1° 1'56	22°49	20°29	14°59	4°22	8°39	20°59	23°25	24°25	21°26	26°19	27°16	18°22	n.a.	F 28
S 29	2 12 22	2° 2'52	6♓45	19°42	16°14	5° 6	8°51	20°54	23°28	24°26	21°25	26°16	27°13	18°28	n.a.	S 29
S 30	2 16 19	3° 3'48	20°34	19° 7	17°30	5°50	9° 4	20°49	23°31	24°26	21°24	26°13	27°10	18°35	n.a.	S 30
M31	2 20 15	4♏ 4'46	4♈11	18♎43	18♏45	6♏34	9♎17	20♉45	23♍34	24♑27	21♊24	26♏ 9	27♏ 7	18♋42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s31	8s 2	5n 6	13s 8	2s44	3s41	0n50	5s43	0n12	0s 3	1n10	16n43	1s59	3n55	0n42	21s50	0s20	23n42	0n14	19s51	20s 7	19n 7		n.a.
S 2	1 55	3 1	4 58	13 33	2 46	4 13	0 48	6 1	0 11	0 8	1 10	16 42	2 0	3 54	0 42	21 50	0 20	23 42	0 14	19 49	20 6	19 5		n.a.
M 3	2 19	2n 6	4 31	13 57	2 49	4 44	0 46	6 18	0 10	0 13	1 10	16 41	2 0	3 52	0 42	21 50	0 20	23 42	0 14	19 47	20 5	19 4		n.a.
T 4	2 43	7 2	3 49	14 18	2 51	5 16	0 44	6 35	0 10	0 19	1 10	16 41	2 0	3 51	0 42	21 50	0 20	23 42	0 14	19 45	20 5	19 3		n.a.
W 5	3 7	11 30	2 55	14 38	2 52	5 47	0 42	6 52	0 9	0 24	1 10	16 40	2 0	3 49	0 42	21 50	0 20	23 42	0 14	19 44	20 4	19 1		n.a.
T 6	3 31	15 17	1 53	14 55	2 52	6 18	0 40	7 9	0 9	0 29	1 10	16 39	2 0	3 48	0 42	21 50	0 20	23 42	0 14	19 42	20 3	19 0		n.a.
F 7	3 55	18 14	0 46	15 10	2 51	6 49	0 37	7 27	0 8	0 35	1 10	16 38	2 0	3 46	0 42	21 50	0 20	23 42	0 15	19 42	20 2	18 59		n.a.
S 8	4 19	20 14	0s22	15 22	2 50	7 20	0 35	7 44	0 7	0 40	1 10	16 37	2 0	3 45	0 42	21 50	0 20	23 42	0 15	19 42	20 2	18 57		n.a.
S 9	4 43	21 13	1 27	15 31	2 48	7 50	0 33	8 1	0 7	0 45	1 10	16 37	2 0	3 43	0 42	21 50	0 20	23 42	0 15	19 42	20 1	18 56		n.a.
M10	5 7	21 11	2 27	15 37	2 44	8 21	0 31	8 18	0 6	0 51	1 10	16 36	2 0	3 42	0 42	21 50	0 20	23 42	0 15	19 42	20 0	18 54		n.a.
T 11	5 31	20 13	3 20	15 39	2 40	8 51	0 29	8 35	0 5	0 56	1 10	16 35	2 0	3 41	0 42	21 50	0 20	23 42	0 15	19 43	20 0	18 53		n.a.
W12	5 55	18 21	4 5	15 37	2 34	9 21	0 26	8 52	0 5	1 1	1 10	16 34	2 0	3 39	0 42	21 50	0 20	23 42	0 15	19 43	19 59	18 52		n.a.
T 13	6 18	15 42	4 39	15 31	2 26	9 51	0 24	9 8	0 4	1 6	1 10	16 33	2 0	3 38	0 42	21 50	0 20	23 42	0 15	19 42	19 58	18 50		n.a.
F 14	6 42	12 23	5 1	15 20	2 17	10 21	0 22	9 25	0 3	1 12	1 10	16 32	2 1	3 36	0 42	21 50	0 20	23 43	0 15	19 42	19 57	18 49		n.a.
S 15	7 5	8 31	5 10	15 4	2 7	10 50	0 19	9 42	0 3	1 17	1 10	16 31	2 1	3 35	0 42	21 50	0 20	23 43	0 15	19 41	19 57	18 47		n.a.
S 16	7 29	4 12	5 5	14 44	1 54	11 19	0 17	9 59	0 2	1 22	1 10	16 30	2 1	3 34	0 42	21 50	0 20	23 43	0 15	19 39	19 56	18 46		n.a.
M17	7 52	0s23	4 45	14 18	1 40	11 48	0 15	10 15	0 1	1 27	1 10	16 29	2 1	3 32	0 42	21 50	0 20	23 43	0 15	19 38	19 55	18 45		n.a.
T 18	8 15	5 3	4 10	13 46	1 25	12 17	0 12	10 32	0 1	1 32	1 10	16 28	2 1	3 31	0 42	21 50	0 20	23 43	0 15	19 36	19 55	18 43		n.a.
W19	8 38	9 37	3 20	13 10	1 7	12 45	0 10	10 48	0 0	1 38	1 10	16 27	2 1	3 29	0 42	21 50	0 20	23 43	0 15	19 35	19 54	18 42		n.a.
T 20	9 1	13 47	2 18	12 29	0 49	13 13	0 7	11 5	0s 0	1 43	1 10	16 26	2 1	3 28	0 42	21 50	0 20	23 43	0 15	19 34	19 53	18 40		n.a.
F 21	9 24	17 16	1 7	11 45	0 29	13 40	0 5	11 21	0 1	1 48	1 10	16 25	2 1	3 27	0 42	21 50	0 20	23 43	0 16	19 33	19 52	18 39		n.a.
S 22	9 46	19 47	0n 9	10 57	0 8	14 8	0 3	11 37	0 2	1 53	1 10	16 23	2 1	3 25	0 42	21 50	0 20	23 43	0 16	19 33	19 52	18 38		n.a.
S 23	10 9	21 6	1 25	10 8	0n12	14 35	0 0	11 53	0 2	1 58	1 10	16 22	2 1	3 24	0 42	21 50	0 20	23 43	0 16	19 33	19 51	18 36		n.a.
M24	10 31	21 4	2 37	9 19	0 33	15 1	0s 2	12 9	0 3	2 3	1 10	16 21	2 1	3 23	0 42	21 50	0 20	23 43	0 16	19 34	19 50	18 35		n.a.
T 25	10 53	19 41	3 39	8 32	0 53	15 27	0 5	12 25	0 4	2 8	1 10	16 20	2 1	3 21	0 42	21 50	0 20	23 43	0 16	19 34	19 49	18 33		n.a.
W26	11 15	17 4	4 27	7 47	1 11	15 53	0 7	12 41	0 4	2 14	1 10	16 19	2 1	3 20	0 42	21 50	0 20	23 43	0 16	19 34	19 49	18 32		n.a.
T 27	11 37	13 28	5 0	7 6	1 28	16 18	0 10	12 57	0 5	2 19	1 10	16 18	2 1	3 19	0 42	21 49	0 20	23 43	0 16	19 34	19 48	18 30		n.a.
F 28	11 58	9 8	5 14	6 30	1 43	16 43	0 12	13 13	0 6	2 24	1 10	16 16	2 1	3 18	0 42	21 49	0 20	23 43	0 16	19 34	19 47	18 29		n.a.
S 29	12 20	4 22	5 9	6 0	1 57	17 8	0 15	13 29	0 6	2 29	1 10	16 15	2 1	3 16	0 42	21 49	0 20	23 43	0 16	19 33	19 47	18 27		n.a.
S 30	12 41	0n36	4 46	5 36	2 8	17 32	0 17	13 44	0 7	2 34	1 10	16 14	2 1	3 15	0 42	21 49	0 20	23 43	0 16	19 32	19 46	18 26		n.a.
M31	13s 2	5n28	4n 8	5s18	2n17	17s55	0s20	13s59	0s 8	2s39	1n10	16n13	2s 1	3n14	0n42	21s49	0s20	23n43	0n16	19s32	19s45	18n25		n.a.

Julian Day Number = 1613217.5, Delta T = 03h52m00s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'41, Lahiri = - 8°02'40 Julian Calendar 1 Oct. 297 BCE == Greg. Calendar 27 Sept. 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

NOVEMBER 297 BCE (-296) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 24 12	5♏ 5'45	17♈36	18°R30	20♏ 0	7♏19	9♎29	20°R40	23♍37	24♉28	21°R23	26°R 6	27♏ 3	18♋49	n.a.	T 1
W 2	2 28 8	6° 6'44	0♉46	18°D29	21°15	8° 3	9°42	20♉35	23°40	24°28	21♊22	26♏ 4	27° 0	18°55	n.a.	W 2
T 3	2 32 5	7° 7'45	13°41	18♎37	22°30	8°47	9°54	20°31	23°43	24°29	21°21	26° 2	26°57	19° 2	n.a.	T 3
F 4	2 36 1	8° 8'47	26°19	18°56	23°46	9°32	10° 7	20°26	23°46	24°30	21°20	26°D 2	26°54	19° 9	n.a.	F 4
S 5	2 39 58	9° 9'50	8♊43	19°23	25° 1	10°16	10°19	20°21	23°49	24°31	21°19	26° 2	26°51	19°15	n.a.	S 5
S 6	2 43 54	10°10'54	20°54	19°58	26°16	11° 1	10°32	20°16	23°52	24°32	21°18	26° 3	26°48	19°22	n.a.	S 6
M 7	2 47 51	11°11'59	2♋55	20°40	27°31	11°46	10°44	20°11	23°55	24°33	21°17	26° 5	26°44	19°29	n.a.	M 7
T 8	2 51 48	12°13'05	14°48	21°28	28°46	12°30	10°56	20° 6	23°58	24°34	21°17	26° 6	26°41	19°35	n.a.	T 8
W 9	2 55 44	13°14'12	26°38	22°21	0♐ 1	13°15	11° 8	20° 1	24° 1	24°35	21°16	26° 7	26°38	19°42	n.a.	W 9
T 10	2 59 41	14°15'21	8♌31	23°19	1°16	14° 0	11°20	19°56	24° 3	24°36	21°15	26° 8	26°35	19°49	n.a.	T 10
F 11	3 3 37	15°16'30	20°29	24°22	2°31	14°45	11°33	19°51	24° 6	24°37	21°14	26°R 8	26°32	19°56	n.a.	F 11
S 12	3 7 34	16°17'40	2♍39	25°28	3°47	15°30	11°45	19°46	24° 9	24°38	21°13	26° 7	26°29	20° 2	n.a.	S 12
S 13	3 11 30	17°18'51	15° 5	26°37	5° 2	16°14	11°57	19°41	24°11	24°39	21°12	26° 6	26°25	20° 9	n.a.	S 13
M14	3 15 27	18°20'03	27°50	27°49	6°17	16°59	12° 9	19°36	24°14	24°40	21°10	26° 5	26°22	20°16	n.a.	M14
T 15	3 19 23	19°21'16	10♎57	29° 3	7°32	17°44	12°20	19°31	24°17	24°41	21° 9	26° 4	26°19	20°22	n.a.	T 15
W16	3 23 20	20°22'29	24°27	0♏20	8°47	18°30	12°32	19°26	24°19	24°42	21° 8	26° 4	26°16	20°29	n.a.	W16
T 17	3 27 17	21°23'43	8♏20	1°38	10° 2	19°15	12°44	19°21	24°22	24°43	21° 7	26° 3	26°13	20°36	n.a.	T 17
F 18	3 31 13	22°24'58	22°33	2°58	11°17	20° 0	12°56	19°16	24°24	24°45	21° 6	26°D 3	26° 9	20°42	n.a.	F 18
S 19	3 35 10	23°26'14	7♐ 1	4°19	12°32	20°45	13° 7	19°11	24°26	24°46	21° 5	26° 3	26° 6	20°49	n.a.	S 19
S 20	3 39 6	24°27'29	21°38	5°42	13°47	21°30	13°19	19° 6	24°29	24°47	21° 4	26° 3	26° 3	20°56	n.a.	S 20
M21	3 43 3	25°28'45	6♑18	7° 6	15° 2	22°16	13°30	19° 1	24°31	24°49	21° 3	26° 3	26° 0	21° 2	n.a.	M21
T 22	3 46 59	26°30'01	20°55	8°30	16°17	23° 1	13°41	18°57	24°33	24°50	21° 2	26°R 3	25°57	21° 9	n.a.	T 22
W23	3 50 56	27°31'17	5♒23	9°56	17°32	23°46	13°53	18°52	24°36	24°51	21° 0	26° 3	25°54	21°16	n.a.	W23
T 24	3 54 52	28°32'33	19°38	11°22	18°47	24°32	14° 4	18°47	24°38	24°53	20°59	26° 3	25°50	21°23	n.a.	T 24
F 25	3 58 49	29°33'49	3♓38	12°49	20° 2	25°17	14°15	18°42	24°40	24°54	20°58	26°D 3	25°47	21°29	n.a.	F 25
S 26	4 2 46	0♐35'05	17°23	14°16	21°17	26° 3	14°26	18°37	24°42	24°56	20°57	26° 3	25°44	21°36	n.a.	S 26
S 27	4 6 42	1°36'20	0♈52	15°44	22°32	26°48	14°37	18°32	24°44	24°57	20°56	26° 4	25°41	21°43	n.a.	S 27
M28	4 10 39	2°37'35	14° 5	17°13	23°47	27°34	14°48	18°27	24°46	24°59	20°54	26° 4	25°38	21°49	n.a.	M28
T 29	4 14 35	3°38'50	27° 5	18°42	25° 2	28°19	14°59	18°23	24°48	25° 0	20°53	26° 5	25°35	21°56	n.a.	T 29
W30	4 18 32	4♐40'05	9♉51	20♏11	26♐17	29♏ 5	15♎10	18♉18	24♍50	25♑ 2	20♊52	26♏ 6	25♏31	22♋ 3	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s23	10n 0	3n16	5s 7	2n24	18s19	0s22	14s15	0s 8	2s44	1n10	16n12	2s 1	3n13	0n42	21s49	0s20	23n43	0n16	19s31	19s44	18n23		n.a.
W 2	13 43	13 59	2 15	5 1	2 30	18 41	0 24	14 30	0 9	2 49	1 10	16 10	2 1	3 11	0 42	21 49	0 20	23 43	0 16	19 30	19 44	18 22		n.a.
T 3	14 3	17 13	1 8	5 1	2 33	19 3	0 27	14 45	0 9	2 53	1 11	16 9	2 1	3 10	0 42	21 49	0 20	23 43	0 16	19 30	19 43	18 20		n.a.
F 4	14 24	19 32	0s 2	5 6	2 36	19 25	0 29	15 0	0 10	2 58	1 11	16 8	2 1	3 9	0 42	21 48	0 20	23 43	0 17	19 30	19 42	18 19		n.a.
S 5	14 43	20 53	1 10	5 16	2 36	19 46	0 32	15 15	0 11	3 3	1 11	16 7	2 1	3 8	0 42	21 48	0 20	23 43	0 17	19 30	19 41	18 17		n.a.
S 6	15 3	21 12	2 13	5 30	2 36	20 6	0 34	15 30	0 11	3 8	1 11	16 5	2 1	3 7	0 42	21 48	0 20	23 43	0 17	19 30	19 41	18 16		n.a.
M 7	15 22	20 32	3 10	5 47	2 34	20 26	0 36	15 44	0 12	3 13	1 11	16 4	2 1	3 6	0 42	21 48	0 20	23 43	0 17	19 30	19 40	18 14		n.a.
T 8	15 41	18 57	3 58	6 7	2 32	20 46	0 39	15 59	0 13	3 18	1 11	16 3	2 1	3 4	0 42	21 48	0 20	23 43	0 17	19 31	19 39	18 13		n.a.
W 9	16 0	16 34	4 36	6 30	2 29	21 4	0 41	16 13	0 13	3 22	1 11	16 1	2 1	3 3	0 43	21 48	0 20	23 43	0 17	19 31	19 38	18 11		n.a.
T 10	16 19	13 29	5 2	6 56	2 25	21 22	0 43	16 27	0 14	3 27	1 11	16 0	2 1	3 2	0 43	21 47	0 20	23 43	0 17	19 31	19 38	18 10		n.a.
F 11	16 37	9 51	5 16	7 23	2 20	21 40	0 46	16 41	0 15	3 32	1 11	15 59	2 1	3 1	0 43	21 47	0 20	23 43	0 17	19 31	19 37	18 8		n.a.
S 12	16 55	5 45	5 15	7 52	2 15	21 57	0 48	16 55	0 15	3 37	1 11	15 58	2 0	3 0	0 43	21 47	0 20	23 43	0 17	19 31	19 36	18 7		n.a.
S 13	17 12	1 21	5 0	8 23	2 9	22 13	0 50	17 9	0 16	3 41	1 11	15 56	2 0	2 59	0 43	21 47	0 20	23 43	0 17	19 31	19 35	18 5		n.a.
M14	17 30	3s15	4 30	8 54	2 3	22 29	0 52	17 23	0 17	3 46	1 11	15 55	2 0	2 58	0 43	21 47	0 20	23 43	0 17	19 31	19 35	18 4		n.a.
T 15	17 47	7 50	3 45	9 27	1 57	22 44	0 55	17 36	0 17	3 50	1 11	15 54	2 0	2 57	0 43	21 46	0 20	23 43	0 17	19 30	19 34	18 2		n.a.
W16	18 3	12 10	2 47	10 0	1 50	22 58	0 57	17 49	0 18	3 55	1 11	15 53	2 0	2 56	0 43	21 46	0 20	23 43	0 17	19 30	19 33	18 1		n.a.
T 17	18 20	15 59	1 37	10 34	1 44	23 12	0 59	18 3	0 18	4 0	1 12	15 51	2 0	2 55	0 43	21 46	0 20	23 43	0 17	19 30	19 32	17 59		n.a.
F 18	18 36	18 57	0 19	11 8	1 37	23 25	1 1	18 16	0 19	4 4	1 12	15 50	2 0	2 54	0 43	21 46	0 20	23 43	0 18	19 30	19 32	17 58		n.a.
S 19	18 51	20 45	1n 1	11 43	1 30	23 37	1 3	18 28	0 20	4 9	1 12	15 49	2 0	2 53	0 43	21 46	0 20	23 43	0 18	19 30	19 31	17 56		n.a.
S 20	19 7	21 11	2 17	12 17	1 22	23 48	1 5	18 41	0 20	4 13	1 12	15 47	2 0	2 52	0 43	21 45	0 20	23 43	0 18	19 30	19 30	17 55		n.a.
M21	19 22	20 9	3 26	12 52	1 15	23 59	1 7	18 54	0 21	4 17	1 12	15 46	2 0	2 51	0 43	21 45	0 20	23 43	0 18	19 30	19 29	17 53		n.a.
T 22	19 36	17 48	4 20	13 26	1 8	24 9	1 9	19 6	0 22	4 22	1 12	15 45	2 0	2 51	0 43	21 45	0 20	23 43	0 18	19 30	19 29	17 52		n.a.
W23	19 51	14 21	4 57	14 1	1 0	24 19	1 11	19 18	0 22	4 26	1 12	15 44	1 59	2 50	0 43	21 45	0 20	23 43	0 18	19 30	19 28	17 50		n.a.
T 24	20 5	10 7	5 16	14 35	0 53	24 27	1 13	19 30	0 23	4 30	1 12	15 42	1 59	2 49	0 43	21 44	0 20	23 43	0 18	19 30	19 27	17 49		n.a.
F 25	20 18	5 24	5 15	15 9	0 46	24 35	1 14	19 42	0 24	4 35	1 12	15 41	1 59	2 48	0 43	21 44	0 20	23 43	0 18	19 30	19 26	17 47		n.a.
S 26	20 31	0 30	4 56	15 42	0 38	24 42	1 16	19 53	0 24	4 39	1 12	15 40	1 59	2 47	0 43	21 44	0 20	23 43	0 18	19 30	19 26	17 46		n.a.
S 27	20 44	4n20	4 21	16 16	0 31	24 49	1 18	20 5	0 25	4 43	1 12	15 39	1 59	2 46	0 43	21 44	0 20	23 43	0 18	19 30	19 25	17 44		n.a.
M28	20 56	8 53	3 33	16 48	0 23	24 54	1 19	20 16	0 25	4 47	1 13	15 38	1 59	2 46	0 43	21 43	0 20	23 43	0 18	19 30	19 24	17 43		n.a.
T 29	21 8	12 57	2 34	17 20	0 16	24 59	1 21	20 27	0 26	4 51	1 13	15 37	1 59	2 45	0 43	21 43	0 20	23 43	0 18	19 31	19 23	17 41		n.a.
W30	21s20	16n21	1n29	17s52	0n 9	25s 3	1s23	20s38	0s27	4s55	1n13	15n35	1s58	2n44	0n43	21s43	0s20	23n43	0n18	19s31	19s22	17n40		n.a.

Julian Day Number = 1613248.5, Delta T = 03h51m59s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'37, Lahiri = - 8°02'36 Julian Calendar 1 Nov. 297 BCE == Greg. Calendar 28 Oct. 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 297 BCE
geocentric

DECEMBER 297 BCE (-296) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 22 28	5♐41'20	22♉25	21♏41	27♐32	29♏51	15♎20	18°R13	24♍52	25♑ 4	20°R51	26°R 6	25♏28	22♋ 9	n.a.	T 1
F 2	4 26 25	6°42'35	4♊47	23°12	28°46	0♐37	15°31	18♉ 9	24°54	25° 5	20♊50	26♏ 6	25°25	22°16	n.a.	F 2
S 3	4 30 22	7°43'49	17° 0	24°42	0♑ 1	1°22	15°41	18° 4	24°55	25° 7	20°48	26° 5	25°22	22°23	n.a.	S 3
S 4	4 34 18	8°45'04	29° 4	26°14	1°16	2° 8	15°52	18° 0	24°57	25° 9	20°47	26° 4	25°19	22°30	n.a.	S 4
M 5	4 38 15	9°46'18	11♋ 2	27°45	2°31	2°54	16° 2	17°55	24°59	25°10	20°46	26° 2	25°15	22°36	n.a.	M 5
T 6	4 42 11	10°47'32	22°54	29°17	3°46	3°40	16°12	17°51	25° 0	25°12	20°44	25°59	25°12	22°43	n.a.	T 6
W 7	4 46 8	11°48'46	4♌45	0♐50	5° 0	4°26	16°22	17°46	25° 2	25°14	20°43	25°57	25° 9	22°50	n.a.	W 7
T 8	4 50 4	12°50'00	16°36	2°22	6°15	5°12	16°32	17°42	25° 3	25°16	20°42	25°55	25° 6	22°56	n.a.	T 8
F 9	4 54 1	13°51'14	28°34	3°56	7°30	5°58	16°42	17°38	25° 5	25°17	20°41	25°53	25° 3	23° 3	n.a.	F 9
S 10	4 57 57	14°52'28	10♍40	5°29	8°44	6°44	16°52	17°34	25° 6	25°19	20°39	25°D52	25° 0	23°10	n.a.	S 10
S 11	5 1 54	15°53'41	23° 1	7° 3	9°59	7°30	17° 1	17°30	25° 7	25°21	20°38	25°52	24°56	23°17	n.a.	S 11
M12	5 5 51	16°54'55	5♎41	8°38	11°14	8°16	17°11	17°26	25° 9	25°23	20°37	25°53	24°53	23°23	n.a.	M12
T 13	5 9 47	17°56'08	18°43	10°13	12°28	9° 2	17°20	17°22	25°10	25°25	20°35	25°55	24°50	23°30	n.a.	T 13
W14	5 13 44	18°57'20	2♏11	11°48	13°43	9°48	17°30	17°18	25°11	25°27	20°34	25°56	24°47	23°37	n.a.	W14
T 15	5 17 40	19°58'33	16° 6	13°24	14°58	10°35	17°39	17°14	25°12	25°29	20°33	25°58	24°44	23°43	n.a.	T 15
F 16	5 21 37	20°59'45	0♐27	15° 1	16°12	11°21	17°48	17°10	25°13	25°31	20°32	25°R58	24°41	23°50	n.a.	F 16
S 17	5 25 33	22° 0'56	15°10	16°38	17°27	12° 7	17°57	17° 7	25°14	25°33	20°30	25°57	24°37	23°57	n.a.	S 17
S 18	5 29 30	23° 2'07	0♑ 9	18°15	18°41	12°53	18° 6	17° 3	25°15	25°35	20°29	25°54	24°34	24° 3	n.a.	S 18
M19	5 33 26	24° 3'17	15°16	19°53	19°56	13°40	18°15	17° 0	25°16	25°37	20°28	25°51	24°31	24°10	n.a.	M19
T 20	5 37 23	25° 4'27	0♒19	21°32	21°10	14°26	18°23	16°56	25°17	25°39	20°26	25°46	24°28	24°17	n.a.	T 20
W21	5 41 20	26° 5'35	15°12	23°11	22°25	15°13	18°32	16°53	25°18	25°41	20°25	25°42	24°25	24°24	n.a.	W21
T 22	5 45 16	27° 6'42	29°45	24°51	23°39	15°59	18°40	16°50	25°18	25°43	20°24	25°38	24°21	24°30	n.a.	T 22
F 23	5 49 13	28° 7'47	13♓56	26°31	24°53	16°45	18°48	16°47	25°19	25°45	20°23	25°36	24°18	24°37	n.a.	F 23
S 24	5 53 9	29° 8'52	27°42	28°12	26° 8	17°32	18°57	16°44	25°20	25°47	20°21	25°D35	24°15	24°44	n.a.	S 24
S 25	5 57 6	0♑ 9'55	11♈ 5	29°53	27°22	18°18	19° 5	16°41	25°20	25°49	20°20	25°36	24°12	24°50	n.a.	S 25
M26	6 1 2	1°10'57	24° 7	1♑36	28°36	19° 5	19°12	16°38	25°21	25°51	20°19	25°37	24° 9	24°57	n.a.	M26
T 27	6 4 59	2°11'57	6♉50	3°18	29°51	19°52	19°20	16°35	25°21	25°53	20°17	25°39	24° 6	25° 4	n.a.	T 27
W28	6 8 55	3°12'57	19°19	5° 2	1♒ 5	20°38	19°28	16°32	25°21	25°55	20°16	25°40	24° 2	25°11	n.a.	W28
T 29	6 12 52	4°13'55	1♊36	6°46	2°19	21°25	19°35	16°30	25°22	25°57	20°15	25°R40	23°59	25°17	n.a.	T 29
F 30	6 16 49	5°14'52	13°44	8°30	3°33	22°11	19°42	16°27	25°22	26° 0	20°14	25°38	23°56	25°24	n.a.	F 30
S 31	6 20 45	6♑15'47	25♊45	10♑16	4♒47	22♐58	19♎50	16♉25	25♍22	26♑ 2	20♊12	25♏34	23♏53	25♋31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21 s31	18n55	0n20	18 s23	0n 2	25 s 6	1 s24	20 s48	0 s27	4 s59	1n13	15n34	1 s58	2n43	0n43	21 s42	0 s20	23n43	0n18	19 s31	19 s22	17n38			n.a.
F 2	21 42	20 34	0 s48	18 53	0 s 5	25 9	1 25	20 59	0 28	5 3	1 13	15 33	1 58	2 43	0 43	21 42	0 20	23 43	0 18	19 31	19 21	17 37			n.a.
S 3	21 52	21 12	1 53	19 22	0 12	25 11	1 27	21 9	0 29	5 7	1 13	15 32	1 58	2 42	0 43	21 42	0 20	23 43	0 19	19 31	19 20	17 35			n.a.
S 4	22 2	20 51	2 53	19 51	0 19	25 11	1 28	21 19	0 29	5 11	1 13	15 31	1 58	2 41	0 43	21 41	0 20	23 43	0 19	19 30	19 19	17 33			n.a.
M 5	22 11	19 33	3 44	20 19	0 26	25 12	1 29	21 29	0 30	5 15	1 13	15 30	1 58	2 41	0 43	21 41	0 20	23 43	0 19	19 30	19 19	17 32			n.a.
T 6	22 20	17 24	4 25	20 46	0 32	25 11	1 31	21 38	0 30	5 19	1 14	15 29	1 57	2 40	0 43	21 41	0 20	23 43	0 19	19 29	19 18	17 30			n.a.
W 7	22 29	14 33	4 55	21 12	0 39	25 10	1 32	21 48	0 31	5 23	1 14	15 28	1 57	2 40	0 43	21 41	0 20	23 43	0 19	19 29	19 17	17 29			n.a.
T 8	22 37	11 6	5 12	21 37	0 45	25 7	1 33	21 57	0 32	5 27	1 14	15 27	1 57	2 39	0 43	21 40	0 20	23 43	0 19	19 28	19 16	17 27			n.a.
F 9	22 44	7 11	5 15	22 1	0 51	25 4	1 34	22 6	0 32	5 30	1 14	15 26	1 57	2 39	0 43	21 40	0 20	23 43	0 19	19 28	19 16	17 26			n.a.
S 10	22 52	2 57	5 5	22 25	0 57	25 1	1 35	22 14	0 33	5 34	1 14	15 25	1 57	2 38	0 43	21 40	0 20	23 43	0 19	19 27	19 15	17 24			n.a.
S 11	22 58	1 s30	4 41	22 47	1 3	24 56	1 35	22 23	0 33	5 38	1 14	15 24	1 57	2 38	0 44	21 39	0 20	23 43	0 19	19 28	19 14	17 23			n.a.
M12	23 5	5 59	4 3	23 8	1 8	24 51	1 36	22 31	0 34	5 41	1 14	15 23	1 56	2 37	0 44	21 39	0 20	23 43	0 19	19 28	19 13	17 21			n.a.
T 13	23 10	10 21	3 11	23 28	1 13	24 45	1 37	22 39	0 35	5 45	1 14	15 22	1 56	2 37	0 44	21 39	0 20	23 43	0 19	19 28	19 12	17 19			n.a.
W14	23 16	14 22	2 7	23 46	1 19	24 38	1 38	22 46	0 35	5 48	1 15	15 21	1 56	2 36	0 44	21 38	0 20	23 43	0 19	19 28	19 12	17 18			n.a.
T 15	23 21	17 43	0 54	24 4	1 23	24 30	1 38	22 54	0 36	5 52	1 15	15 20	1 56	2 36	0 44	21 38	0 20	23 43	0 19	19 29	19 11	17 16			n.a.
F 16	23 25	20 5	0n25	24 20	1 28	24 22	1 39	23 1	0 36	5 55	1 15	15 19	1 56	2 35	0 44	21 37	0 20	23 43	0 19	19 29	19 10	17 15			n.a.
S 17	23 29	21 11	1 44	24 35	1 33	24 13	1 39	23 8	0 37	5 58	1 15	15 18	1 55	2 35	0 44	21 37	0 20	23 43	0 19	19 29	19 9	17 13			n.a.
S 18	23 33	20 47	2 57	24 49	1 37	24 3	1 40	23 14	0 38	6 1	1 15	15 18	1 55	2 35	0 44	21 37	0 20	23 42	0 20	19 28	19 8	17 11			n.a.
M19	23 36	18 54	3 58	25 1	1 41	23 53	1 40	23 21	0 38	6 5	1 15	15 17	1 55	2 34	0 44	21 36	0 20	23 42	0 20	19 27	19 8	17 10			n.a.
T 20	23 38	15 43	4 43	25 11	1 44	23 41	1 40	23 27	0 39	6 8	1 16	15 16	1 55	2 34	0 44	21 36	0 20	23 42	0 20	19 26	19 7	17 8			n.a.
W21	23 40	11 34	5 8	25 21	1 48	23 29	1 40	23 33	0 39	6 11	1 16	15 15	1 54	2 34	0 44	21 36	0 20	23 42	0 20	19 25	19 6	17 7			n.a.
T 22	23 42	6 50	5 12	25 28	1 51	23 17	1 40	23 39	0 40	6 14	1 16	15 15	1 54	2 34	0 44	21 35	0 20	23 42	0 20	19 24	19 5	17 5			n.a.
F 23	23 43	1 50	4 57	25 34	1 53	23 3	1 40	23 44	0 41	6 17	1 16	15 14	1 54	2 33	0 44	21 35	0 20	23 42	0 20	19 24	19 5	17 3			n.a.
S 24	23 44	3n 7	4 25	25 39	1 56	22 49	1 40	23 49	0 41	6 20	1 16	15 13	1 54	2 33	0 44	21 34	0 20	23 42	0 20	19 23	19 4	17 2			n.a.
S 25	23 44	7 48	3 40	25 42	1 58	22 35	1 40	23 54	0 42	6 23	1 16	15 13	1 53	2 33	0 44	21 34	0 20	23 42	0 20	19 23	19 3	17 0			n.a.
M26	23 43	12 0	2 44	25 43	1 59	22 19	1 40	23 59	0 42	6 26	1 16	15 12	1 53	2 33	0 44	21 34	0 20	23 42	0 20	19 24	19 2	16 59			n.a.
T 27	23 43	15 33	1 41	25 42	2 1	22 3	1 40	24 3	0 43	6 29	1 17	15 12	1 53	2 33	0 44	21 33	0 20	23 42	0 20	19 24	19 1	16 57			n.a.
W28	23 41	18 19	0 35	25 39	2 1	21 47	1 39	24 7	0 43	6 31	1 17	15 11	1 53	2 32	0 44	21 33	0 20	23 42	0 20	19 25	19 1	16 55			n.a.
T 29	23 40	20 12	0 s32	25 35	2 2	21 29	1 39	24 11	0 44	6 34	1 17	15 11	1 52	2 32	0 44	21 32	0 20	23 42	0 20	19 25	19 0	16 54			n.a.
F 30	23 37	21 8	1 37	25 29	2 2	21 11	1 38	24 14	0 44	6 37	1 17	15 10	1 52	2 32	0 44	21 32	0 20	23 42	0 20	19 24	18 59	16 52			n.a.
S 31	23 s35	21n 4	2 s36	25 s21	2 s 1	20 s53	1 s38	24 s17	0 s45	6 s39	1n17	15n10	1 s52	2n32	0n44	21 s32	0 s20	23n42	0n20	19 s23	18 s58	16n51			n.a.

Julian Day Number = 1613278.5, Delta T = 03h51m58s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'33, Lahiri = - 8°02'32 Julian Calendar 1 Dec. 297 BCE == Greg. Calendar 27 Nov. 297 BCE

The year -296 astronomical counting style corresponds to year 297 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

JANUARY 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 24 42	7♑16'42	7♋42	12♑ 1	6♒ 1	23♐45	19♎57	16°R23	25♍22	26♑ 4	20°R11	25°R28	23♏50	25♋37	n.a.	S 1
M 2	6 28 38	8°17'35	19°35	13°48	7°15	24°31	20° 4	16♉21	25°23	26° 6	20♊10	25♏21	23°47	25°44	n.a.	M 2
T 3	6 32 35	9°18'26	1♌27	15°35	8°29	25°18	20°10	16°19	25°R23	26° 8	20° 9	25°12	23°43	25°51	n.a.	T 3
W 4	6 36 31	10°19'17	13°19	17°22	9°43	26° 5	20°17	16°17	25°23	26°10	20° 7	25° 3	23°40	25°57	n.a.	W 4
T 5	6 40 28	11°20'06	25°12	19° 9	10°57	26°52	20°23	16°15	25°22	26°13	20° 6	24°55	23°37	26° 4	n.a.	T 5
F 6	6 44 25	12°20'54	7♍11	20°57	12°11	27°38	20°30	16°13	25°22	26°15	20° 5	24°47	23°34	26°11	n.a.	F 6
S 7	6 48 21	13°21'41	19°17	22°45	13°24	28°25	20°36	16°12	25°22	26°17	20° 4	24°42	23°31	26°18	n.a.	S 7
S 8	6 52 18	14°22'27	1♎36	24°32	14°38	29°12	20°42	16°10	25°22	26°19	20° 3	24°39	23°27	26°24	n.a.	S 8
M 9	6 56 14	15°23'11	14° 9	26°20	15°52	29°59	20°48	16° 9	25°22	26°22	20° 2	24°D38	23°24	26°31	n.a.	M 9
T 10	7 0 11	16°23'55	27° 4	28° 7	17° 5	0♑46	20°53	16° 8	25°21	26°24	20° 0	24°38	23°21	26°38	n.a.	T 10
W11	7 4 7	17°24'37	10♏22	29°53	18°19	1°33	20°59	16° 7	25°21	26°26	19°59	24°40	23°18	26°44	n.a.	W11
T 12	7 8 4	18°25'18	24° 8	1♒38	19°33	2°19	21° 4	16° 6	25°20	26°28	19°58	24°R40	23°15	26°51	n.a.	T 12
F 13	7 12 0	19°25'58	8♐22	3°22	20°46	3° 6	21° 9	16° 5	25°20	26°31	19°57	24°39	23°12	26°58	n.a.	F 13
S 14	7 15 57	20°26'36	23° 3	5° 4	22° 0	3°53	21°14	16° 4	25°19	26°33	19°56	24°36	23° 8	27° 5	n.a.	S 14
S 15	7 19 54	21°27'13	8♑ 7	6°44	23°13	4°40	21°19	16° 3	25°19	26°35	19°55	24°31	23° 5	27°11	n.a.	S 15
M16	7 23 50	22°27'48	23°24	8°21	24°26	5°27	21°24	16° 3	25°18	26°37	19°54	24°23	23° 2	27°18	n.a.	M16
T 17	7 27 47	23°28'22	8♒43	9°55	25°40	6°14	21°29	16° 2	25°17	26°40	19°53	24°14	22°59	27°25	n.a.	T 17
W18	7 31 43	24°28'53	23°54	11°25	26°53	7° 1	21°33	16° 2	25°17	26°42	19°52	24° 4	22°56	27°31	n.a.	W18
T 19	7 35 40	25°29'23	8♓46	12°51	28° 6	7°48	21°37	16° 2	25°16	26°44	19°51	23°56	22°53	27°38	n.a.	T 19
F 20	7 39 36	26°29'51	23°13	14°12	29°19	8°35	21°41	16°D 1	25°15	26°47	19°50	23°49	22°49	27°45	n.a.	F 20
S 21	7 43 33	27°30'17	7♈10	15°27	0♓32	9°22	21°45	16° 1	25°14	26°49	19°49	23°45	22°46	27°52	n.a.	S 21
S 22	7 47 29	28°30'40	20°39	16°35	1°45	10° 9	21°49	16° 2	25°13	26°51	19°48	23°43	22°43	27°58	n.a.	S 22
M23	7 51 26	29°31'02	3♉40	17°37	2°58	10°56	21°52	16° 2	25°12	26°53	19°47	23°D43	22°40	28° 5	n.a.	M23
T 24	7 55 23	0♒31'22	16°19	18°30	4°11	11°43	21°56	16° 2	25°11	26°56	19°46	23°44	22°37	28°12	n.a.	T 24
W25	7 59 19	1°31'39	28°41	19°16	5°24	12°30	21°59	16° 3	25°10	26°58	19°45	23°R44	22°33	28°18	n.a.	W25
T 26	8 3 16	2°31'54	10♊49	19°53	6°36	13°17	22° 2	16° 3	25° 9	27° 0	19°44	23°42	22°30	28°25	n.a.	T 26
F 27	8 7 12	3°32'08	22°48	20°21	7°49	14° 4	22° 4	16° 4	25° 7	27° 2	19°43	23°38	22°27	28°32	n.a.	F 27
S 28	8 11 9	4°32'19	4♋42	20°39	9° 1	14°51	22° 7	16° 5	25° 6	27° 5	19°42	23°32	22°24	28°39	n.a.	S 28
S 29	8 15 5	5°32'28	16°33	20°R48	10°14	15°38	22° 9	16° 6	25° 5	27° 7	19°41	23°22	22°21	28°45	n.a.	S 29
M30	8 19 2	6°32'35	28°24	20°47	11°26	16°25	22°12	16° 7	25° 3	27° 9	19°40	23°10	22°18	28°52	n.a.	M30
T 31	8 22 58	7♒32'40	10♌17	20♒37	12♓39	17♑12	22♎14	16♉ 8	25♍ 2	27♑11	19♊40	22♏57	22♏14	28♋59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23 s32	20n 3	3 s28	25 s11	2 s 0	20 s34	1 s37	24 s20	0 s46	6 s42	1n18	15n 9	1 s52	2n32	0n44	21 s31	0 s20	23n42	0n20	19 s22	18 s57	16n49			n.a.
M 2	23 28	18 9	4 10	24 58	1 59	20 14	1 36	24 23	0 46	6 44	1 18	15 9	1 51	2 32	0 44	21 31	0 20	23 42	0 21	19 20	18 57	16 47			n.a.
T 3	23 24	15 30	4 42	24 44	1 57	19 54	1 36	24 25	0 47	6 47	1 18	15 9	1 51	2 32	0 44	21 30	0 20	23 42	0 21	19 18	18 56	16 46			n.a.
W 4	23 19	12 13	5 1	24 28	1 54	19 33	1 35	24 27	0 47	6 49	1 18	15 8	1 51	2 32	0 44	21 30	0 20	23 42	0 21	19 16	18 55	16 44			n.a.
T 5	23 14	8 27	5 8	24 10	1 51	19 12	1 34	24 29	0 48	6 51	1 18	15 8	1 51	2 32	0 44	21 30	0 20	23 42	0 21	19 13	18 54	16 42			n.a.
F 6	23 9	4 20	5 1	23 50	1 47	18 50	1 33	24 31	0 48	6 53	1 18	15 8	1 50	2 32	0 45	21 29	0 20	23 42	0 21	19 12	18 53	16 41			n.a.
S 7	23 3	0 0	4 40	23 28	1 43	18 28	1 32	24 32	0 49	6 56	1 19	15 8	1 50	2 32	0 45	21 29	0 20	23 42	0 21	19 10	18 53	16 39			n.a.
S 8	22 57	4 s24	4 6	23 4	1 37	18 5	1 30	24 33	0 49	6 58	1 19	15 7	1 50	2 33	0 45	21 28	0 20	23 42	0 21	19 10	18 52	16 37			n.a.
M 9	22 50	8 43	3 20	22 38	1 32	17 41	1 29	24 34	0 50	7 0	1 19	15 7	1 50	2 33	0 45	21 28	0 20	23 42	0 21	19 9	18 51	16 36			n.a.
T 10	22 43	12 46	2 23	22 11	1 25	17 18	1 28	24 34	0 50	7 2	1 19	15 7	1 49	2 33	0 45	21 28	0 20	23 42	0 21	19 10	18 50	16 34			n.a.
W11	22 35	16 19	1 16	21 41	1 18	16 53	1 26	24 34	0 51	7 4	1 19	15 7	1 49	2 33	0 45	21 27	0 20	23 42	0 21	19 10	18 49	16 33			n.a.
T 12	22 27	19 5	0 3	21 10	1 10	16 28	1 25	24 34	0 51	7 6	1 20	15 7	1 49	2 33	0 45	21 27	0 20	23 42	0 21	19 10	18 49	16 31			n.a.
F 13	22 18	20 46	1n13	20 37	1 1	16 3	1 23	24 33	0 52	7 7	1 20	15 7	1 49	2 34	0 45	21 26	0 20	23 42	0 21	19 10	18 48	16 29			n.a.
S 14	22 9	21 7	2 26	20 3	0 51	15 38	1 21	24 33	0 52	7 9	1 20	15 7	1 48	2 34	0 45	21 26	0 20	23 42	0 21	19 9	18 47	16 28			n.a.
S 15	22 0	19 58	3 31	19 28	0 41	15 12	1 20	24 32	0 53	7 11	1 20	15 7	1 48	2 34	0 45	21 25	0 20	23 42	0 21	19 8	18 46	16 26			n.a.
M16	21 50	17 23	4 21	18 52	0 30	14 45	1 18	24 30	0 53	7 12	1 20	15 7	1 48	2 34	0 45	21 25	0 20	23 42	0 21	19 6	18 45	16 24			n.a.
T 17	21 40	13 35	4 53	18 16	0 18	14 19	1 16	24 29	0 54	7 14	1 21	15 7	1 47	2 35	0 45	21 25	0 20	23 42	0 21	19 3	18 45	16 23			n.a.
W18	21 29	8 56	5 4	17 39	0 5	13 52	1 14	24 27	0 54	7 15	1 21	15 8	1 47	2 35	0 45	21 24	0 20	23 42	0 22	19 1	18 44	16 21			n.a.
T 19	21 18	3 50	4 54	17 2	0n 8	13 24	1 12	24 24	0 55	7 17	1 21	15 8	1 47	2 35	0 45	21 24	0 20	23 42	0 22	18 59	18 43	16 19			n.a.
F 20	21 7	1n20	4 26	16 25	0 22	12 56	1 10	24 22	0 55	7 18	1 21	15 8	1 47	2 36	0 45	21 23	0 20	23 42	0 22	18 57	18 42	16 18			n.a.
S 21	20 55	6 16	3 42	15 49	0 37	12 28	1 8	24 19	0 56	7 19	1 21	15 8	1 46	2 36	0 45	21 23	0 20	23 42	0 22	18 56	18 41	16 16			n.a.
S 22	20 43	10 44	2 47	15 14	0 52	12 0	1 5	24 16	0 56	7 20	1 22	15 9	1 46	2 37	0 45	21 22	0 20	23 42	0 22	18 56	18 40	16 14			n.a.
M23	20 30	14 32	1 45	14 40	1 7	11 31	1 3	24 13	0 57	7 22	1 22	15 9	1 46	2 37	0 45	21 22	0 20	23 42	0 22	18 56	18 40	16 13			n.a.
T 24	20 17	17 33	0 39	14 9	1 23	11 2	1 1	24 9	0 57	7 23	1 22	15 9	1 45	2 38	0 45	21 22	0 20	23 42	0 22	18 56	18 39	16 11			n.a.
W25	20 4	19 41	0 s26	13 40	1 39	10 33	0 58	24 5	0 57	7 24	1 22	15 10	1 45	2 38	0 45	21 21	0 20	23 42	0 22	18 56	18 38	16 9			n.a.
T 26	19 50	20 52	1 30	13 13	1 55	10 3	0 56	24 1	0 58	7 25	1 22	15 10	1 45	2 39	0 45	21 21	0 20	23 42	0 22	18 56	18 37	16 7			n.a.
F 27	19 36	21 4	2 28	12 50	2 10	9 34	0 53	23 57	0 58	7 25	1 23	15 11	1 45	2 39	0 45	21 20	0 20	23 42	0 22	18 55	18 36	16 6			n.a.
S 28	19 22	20 20	3 19	12 29	2 25	9 4	0 51	23 52	0 59	7 26	1 23	15 11	1 44	2 40	0 45	21 20	0 20	23 42	0 22	18 53	18 36	16 4			n.a.
S 29	19 7	18 42	4 2	12 13	2 40	8 34	0 48	23 47	0 59	7 27	1 23	15 12	1 44	2 40	0 45	21 19	0 20	23 41	0 22	18 50	18 35	16 2			n.a.
M30	18 52	16 16	4 33	12 0	2 53	8 3	0 45	23 42	1 0	7 28	1 23	15 12	1 44	2 41	0 45	21 19	0 20	23 41	0 22	18 47	18 34	16 1			n.a.
T 31	18 s36	13n10	4 s53	11 s51	3n 6	7 s33	0 s42	23 s36	1 s 0	7 s28	1n23	15n13	1 s44	2n41	0n45	21 s19	0 s20	23n41	0n22	18 s44	18 s33	15n59			n.a.

Julian Day Number = 1613309.5, Delta T = 03h51m57s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'28, Lahiri = - 8°02'28 Julian Calendar 1 Jan. 296 BCE == Greg. Calendar 28 Dec. 297 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

FEBRUARY 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 26 55	8♒32'43	22♌12	20°R17	13♓51	17♑59	22♎16	16♉ 9	25°R 1	27♑14	19°R39	22°R43	22♏11	29♋ 5	n.a.	W 1
T 2	8 30 52	9°32'44	4♍12	19♒50	15° 3	18°46	22°17	16°10	24♍59	27°16	19♊38	22♏29	22° 8	29°12	n.a.	T 2
F 3	8 34 48	10°32'43	16°17	19°14	16°15	19°33	22°19	16°12	24°58	27°18	19°37	22°17	22° 5	29°19	n.a.	F 3
S 4	8 38 45	11°32'40	28°29	18°31	17°27	20°20	22°20	16°13	24°56	27°20	19°37	22° 8	22° 2	29°25	n.a.	S 4
S 5	8 42 41	12°32'36	10♎51	17°43	18°39	21° 7	22°21	16°15	24°54	27°23	19°36	22° 2	21°58	29°32	n.a.	S 5
M 6	8 46 38	13°32'29	23°27	16°50	19°51	21°54	22°22	16°17	24°53	27°25	19°35	21°58	21°55	29°39	n.a.	M 6
T 7	8 50 34	14°32'21	6♏18	15°54	21° 2	22°41	22°23	16°19	24°51	27°27	19°34	21°57	21°52	29°46	n.a.	T 7
W 8	8 54 31	15°32'11	19°30	14°55	22°14	23°28	22°24	16°21	24°49	27°29	19°34	21°57	21°49	29°52	n.a.	W 8
T 9	8 58 27	16°32'00	3♐ 5	13°56	23°26	24°15	22°24	16°23	24°47	27°31	19°33	21°56	21°46	29°59	n.a.	T 9
F 10	9 2 24	17°31'47	17° 7	12°58	24°37	25° 2	22°24	16°25	24°46	27°34	19°33	21°55	21°43	0♌ 6	n.a.	F 10
S 11	9 6 20	18°31'31	1♑34	12° 2	25°48	25°49	22°R24	16°28	24°44	27°36	19°32	21°51	21°39	0°12	n.a.	S 11
S 12	9 10 17	19°31'15	16°25	11° 8	27° 0	26°37	22°24	16°30	24°42	27°38	19°31	21°44	21°36	0°19	n.a.	S 12
M13	9 14 14	20°30'56	1♒33	10°19	28°11	27°24	22°24	16°33	24°40	27°40	19°31	21°35	21°33	0°26	n.a.	M13
T 14	9 18 10	21°30'35	16°49	9°34	29°22	28°11	22°23	16°35	24°38	27°42	19°30	21°24	21°30	0°33	n.a.	T 14
W15	9 22 7	22°30'11	2♓ 1	8°54	0♈33	28°57	22°22	16°38	24°36	27°44	19°30	21°12	21°27	0°39	n.a.	W15
T 16	9 26 3	23°29'46	17° 0	8°20	1°44	29°44	22°21	16°41	24°34	27°46	19°29	21° 2	21°24	0°46	n.a.	T 16
F 17	9 30 0	24°29'18	1♈35	7°52	2°54	0♒31	22°20	16°44	24°32	27°48	19°29	20°53	21°20	0°53	n.a.	F 17
S 18	9 33 56	25°28'48	15°42	7°30	4° 5	1°18	22°19	16°47	24°30	27°51	19°28	20°47	21°17	0°59	n.a.	S 18
S 19	9 37 53	26°28'16	29°19	7°14	5°16	2° 5	22°17	16°50	24°28	27°53	19°28	20°43	21°14	1° 6	n.a.	S 19
M20	9 41 49	27°27'41	12♉27	7° 4	6°26	2°52	22°16	16°53	24°25	27°55	19°28	20°42	21°11	1°13	n.a.	M20
T 21	9 45 46	28°27'04	25°10	7°D 0	7°36	3°39	22°14	16°57	24°23	27°57	19°27	20°42	21° 8	1°20	n.a.	T 21
W22	9 49 43	29°26'25	7♊32	7° 2	8°46	4°26	22°12	17° 0	24°21	27°59	19°27	20°42	21° 4	1°26	n.a.	W22
T 23	9 53 39	0♓25'43	19°39	7° 9	9°56	5°13	22°10	17° 4	24°19	28° 1	19°27	20°40	21° 1	1°33	n.a.	T 23
F 24	9 57 36	1°24'58	1♋37	7°22	11° 6	6° 0	22° 7	17° 7	24°16	28° 3	19°26	20°37	20°58	1°40	n.a.	F 24
S 25	10 1 32	2°24'12	13°28	7°41	12°16	6°47	22° 5	17°11	24°14	28° 5	19°26	20°31	20°55	1°47	n.a.	S 25
S 26	10 5 29	3°23'22	25°18	8° 4	13°26	7°33	22° 2	17°15	24°12	28° 7	19°26	20°22	20°52	1°53	n.a.	S 26
M27	10 9 25	4°22'31	7♌10	8°31	14°35	8°20	21°59	17°19	24° 9	28° 9	19°26	20°11	20°49	2° 0	n.a.	M27
T 28	10 13 22	5♓21'37	19♌ 5	9♒ 3	15♈45	9♒ 7	21♎56	17♉23	24♍ 7	28♑10	19♊26	19♏58	20♏45	2♌ 7	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s21	9n33	5s 0	11s47	3n18	7s 2	0s39	23s30	1s 0	7s29	1n24	15n13	1s43	2n42	0n45	21s18	0s20	23n41	0n22	18s40	18s32	15n57		n.a.
T 2	18 5	5 31	4 54	11 46	3 28	6 31	0 36	23 24	1 1	7 29	1 24	15 14	1 43	2 43	0 45	21 18	0 20	23 41	0 22	18 37	18 31	15 56		n.a.
F 3	17 48	1 16	4 35	11 49	3 36	6 0	0 33	23 18	1 1	7 30	1 24	15 15	1 43	2 43	0 45	21 17	0 21	23 41	0 22	18 34	18 31	15 54		n.a.
S 4	17 32	3s 6	4 3	11 56	3 42	5 29	0 30	23 11	1 2	7 30	1 24	15 15	1 42	2 44	0 45	21 17	0 21	23 41	0 23	18 31	18 30	15 52		n.a.
S 5	17 15	7 23	3 19	12 6	3 47	4 58	0 27	23 4	1 2	7 30	1 24	15 16	1 42	2 45	0 45	21 16	0 21	23 41	0 23	18 30	18 29	15 51		n.a.
M 6	16 58	11 27	2 25	12 20	3 50	4 26	0 24	22 57	1 2	7 30	1 25	15 17	1 42	2 45	0 46	21 16	0 21	23 41	0 23	18 29	18 28	15 49		n.a.
T 7	16 40	15 4	1 22	12 36	3 50	3 55	0 21	22 49	1 3	7 30	1 25	15 18	1 42	2 46	0 46	21 16	0 21	23 41	0 23	18 28	18 27	15 47		n.a.
W 8	16 22	18 2	0 13	12 55	3 49	3 23	0 18	22 42	1 3	7 30	1 25	15 19	1 41	2 47	0 46	21 15	0 21	23 41	0 23	18 28	18 26	15 45		n.a.
T 9	16 4	20 4	0n59	13 15	3 45	2 52	0 14	22 34	1 3	7 30	1 25	15 19	1 41	2 47	0 46	21 15	0 21	23 41	0 23	18 28	18 26	15 44		n.a.
F 10	15 46	20 58	2 9	13 37	3 40	2 20	0 11	22 26	1 4	7 30	1 25	15 20	1 41	2 48	0 46	21 14	0 21	23 41	0 23	18 28	18 25	15 42		n.a.
S 11	15 27	20 30	3 13	14 0	3 32	1 48	0 7	22 17	1 4	7 30	1 26	15 21	1 41	2 49	0 46	21 14	0 21	23 42	0 23	18 27	18 24	15 40		n.a.
S 12	15 9	18 39	4 6	14 23	3 24	1 16	0 4	22 8	1 4	7 30	1 26	15 22	1 40	2 50	0 46	21 13	0 21	23 42	0 23	18 25	18 23	15 38		n.a.
M13	14 50	15 28	4 42	14 46	3 13	0 44	0 1	22 0	1 5	7 29	1 26	15 23	1 40	2 51	0 46	21 13	0 21	23 42	0 23	18 23	18 22	15 37		n.a.
T 14	14 30	11 14	4 59	15 9	3 2	0 13	0n 3	21 50	1 5	7 29	1 26	15 24	1 40	2 51	0 46	21 13	0 21	23 42	0 23	18 20	18 21	15 35		n.a.
W15	14 11	6 18	4 55	15 32	2 49	0n19	0 7	21 41	1 5	7 29	1 26	15 25	1 40	2 52	0 46	21 12	0 21	23 42	0 23	18 17	18 21	15 33		n.a.
T 16	13 51	1 3	4 30	15 53	2 36	0 51	0 10	21 31	1 6	7 28	1 27	15 26	1 39	2 53	0 46	21 12	0 21	23 42	0 23	18 14	18 20	15 32		n.a.
F 17	13 31	4n 7	3 48	16 14	2 23	1 23	0 14	21 21	1 6	7 27	1 27	15 27	1 39	2 54	0 46	21 11	0 21	23 42	0 23	18 12	18 19	15 30		n.a.
S 18	13 11	8 55	2 54	16 33	2 8	1 55	0 17	21 11	1 6	7 27	1 27	15 29	1 39	2 55	0 46	21 11	0 21	23 42	0 23	18 10	18 18	15 28		n.a.
S 19	12 51	13 5	1 51	16 51	1 54	2 26	0 21	21 1	1 7	7 26	1 27	15 30	1 39	2 56	0 46	21 11	0 21	23 42	0 23	18 9	18 17	15 26		n.a.
M20	12 30	16 27	0 44	17 8	1 39	2 58	0 25	20 50	1 7	7 25	1 27	15 31	1 38	2 56	0 46	21 10	0 21	23 42	0 23	18 9	18 16	15 25		n.a.
T 21	12 9	18 54	0s24	17 23	1 25	3 29	0 29	20 40	1 7	7 24	1 27	15 32	1 38	2 57	0 46	21 10	0 21	23 42	0 23	18 9	18 16	15 23		n.a.
W22	11 48	20 23	1 28	17 36	1 11	4 1	0 32	20 29	1 7	7 23	1 28	15 33	1 38	2 58	0 46	21 9	0 21	23 42	0 24	18 9	18 15	15 21		n.a.
T 23	11 27	20 53	2 27	17 48	0 56	4 32	0 36	20 17	1 8	7 22	1 28	15 35	1 38	2 59	0 46	21 9	0 21	23 42	0 24	18 8	18 14	15 19		n.a.
F 24	11 6	20 25	3 18	17 58	0 42	5 3	0 40	20 6	1 8	7 21	1 28	15 36	1 37	3 0	0 46	21 9	0 21	23 42	0 24	18 7	18 13	15 18		n.a.
S 25	10 45	19 3	4 1	18 6	0 29	5 35	0 44	19 54	1 8	7 20	1 28	15 37	1 37	3 1	0 46	21 8	0 21	23 42	0 24	18 6	18 12	15 16		n.a.
S 26	10 23	16 52	4 33	18 13	0 16	6 6	0 48	19 42	1 8	7 19	1 28	15 39	1 37	3 2	0 46	21 8	0 21	23 42	0 24	18 3	18 11	15 14		n.a.
M27	10 1	13 59	4 53	18 18	0 3	6 36	0 52	19 30	1 9	7 18	1 29	15 40	1 37	3 3	0 46	21 8	0 21	23 42	0 24	18 0	18 10	15 12		n.a.
T 28	9s40	10n31	5s 1	18s22	0s 9	7n 7	0n55	19s18	1s 9	7s16	1n29	15n41	1s36	3n 4	0n46	21s 7	0s21	23n42	0n24	17s57	18s10	15n11		n.a.

Julian Day Number = 1613340.5, Delta T = 03h51m56s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'24, Lahiri = - 8°02'24 Julian Calendar 1 Feb. 296 BCE == Greg. Calendar 28 Jan. 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

MARCH 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 17 18	6♓20'41	1♍ 7	9♒40	16♈54	9♒54	21°R52	17♉27	24°R 5	28♑12	19°R25	19°R44	20♏42	2♌13	n.a.	W 1
T 2	10 21 15	7°19'43	13°15	10°20	18° 3	10°40	21♎49	17°31	24♍ 2	28°14	19♊25	19♏31	20°39	2°20	n.a.	T 2
F 3	10 25 11	8°18'43	25°31	11° 4	19°12	11°27	21°45	17°36	24° 0	28°16	19°25	19°20	20°36	2°27	n.a.	F 3
S 4	10 29 8	9°17'40	7♎56	11°51	20°21	12°14	21°41	17°40	23°57	28°18	19°25	19°11	20°33	2°34	n.a.	S 4
S 5	10 33 5	10°16'36	20°31	12°42	21°29	13° 0	21°37	17°45	23°55	28°20	19°25	19° 5	20°30	2°40	n.a.	S 5
M 6	10 37 1	11°15'30	3♏17	13°36	22°38	13°47	21°33	17°49	23°53	28°22	19°25	19° 1	20°26	2°47	n.a.	M 6
T 7	10 40 58	12°14'22	16°16	14°33	23°46	14°34	21°29	17°54	23°50	28°23	19°D25	19°D 0	20°23	2°54	n.a.	T 7
W 8	10 44 54	13°13'12	29°31	15°33	24°54	15°20	21°25	17°59	23°48	28°25	19°25	19° 0	20°20	3° 0	n.a.	W 8
T 9	10 48 51	14°12'00	13♐ 4	16°35	26° 2	16° 7	21°20	18° 3	23°45	28°27	19°25	19°R 1	20°17	3° 7	n.a.	T 9
F 10	10 52 47	15°10'47	26°57	17°40	27°10	16°54	21°15	18° 8	23°43	28°28	19°25	19° 0	20°14	3°14	n.a.	F 10
S 11	10 56 44	16° 9'31	11♑11	18°48	28°18	17°40	21°10	18°13	23°40	28°30	19°25	18°58	20°10	3°21	n.a.	S 11
S 12	11 0 40	17° 8'14	25°43	19°58	29°25	18°27	21° 5	18°18	23°37	28°32	19°25	18°53	20° 7	3°27	n.a.	S 12
M13	11 4 37	18° 6'55	10♒31	21°10	0♉33	19°13	21° 0	18°23	23°35	28°33	19°25	18°46	20° 4	3°34	n.a.	M13
T 14	11 8 34	19° 5'35	25°27	22°25	1°40	20° 0	20°54	18°29	23°32	28°35	19°25	18°38	20° 1	3°41	n.a.	T 14
W15	11 12 30	20° 4'12	10♓22	23°42	2°47	20°46	20°49	18°34	23°30	28°37	19°26	18°28	19°58	3°47	n.a.	W15
T 16	11 16 27	21° 2'47	25° 9	25° 0	3°54	21°32	20°43	18°39	23°27	28°38	19°26	18°20	19°55	3°54	n.a.	T 16
F 17	11 20 23	22° 1'20	9♈38	26°21	5° 0	22°19	20°38	18°45	23°25	28°40	19°26	18°13	19°51	4° 1	n.a.	F 17
S 18	11 24 20	22°59'51	23°43	27°44	6° 7	23° 5	20°32	18°50	23°22	28°41	19°26	18° 8	19°48	4° 8	n.a.	S 18
S 19	11 28 16	23°58'20	7♉22	29° 8	7°13	23°51	20°26	18°56	23°20	28°43	19°27	18° 5	19°45	4°14	n.a.	S 19
M20	11 32 13	24°56'47	20°34	0♓35	8°19	24°38	20°19	19° 2	23°17	28°44	19°27	18°D 5	19°42	4°21	n.a.	M20
T 21	11 36 9	25°55'12	3♊22	2° 3	9°25	25°24	20°13	19° 7	23°14	28°46	19°27	18° 6	19°39	4°28	n.a.	T 21
W22	11 40 6	26°53'34	15°49	3°34	10°30	26°10	20° 7	19°13	23°12	28°47	19°28	18° 7	19°35	4°34	n.a.	W22
T 23	11 44 2	27°51'55	27°59	5° 6	11°36	26°56	20° 0	19°19	23° 9	28°49	19°28	18°R 7	19°32	4°41	n.a.	T 23
F 24	11 47 59	28°50'13	9♋58	6°39	12°41	27°42	19°54	19°25	23° 7	28°50	19°28	18° 7	19°29	4°48	n.a.	F 24
S 25	11 51 56	29°48'28	21°51	8°15	13°46	28°28	19°47	19°31	23° 4	28°51	19°29	18° 4	19°26	4°55	n.a.	S 25
S 26	11 55 52	0♈46'42	3♌42	9°52	14°50	29°14	19°40	19°37	23° 2	28°53	19°29	17°59	19°23	5° 1	n.a.	S 26
M27	11 59 49	1°44'54	15°36	11°31	15°55	0♓ 0	19°33	19°43	22°59	28°54	19°30	17°53	19°20	5° 8	n.a.	M27
T 28	12 3 45	2°43'03	27°36	13°12	16°59	0°46	19°26	19°49	22°57	28°55	19°30	17°45	19°16	5°15	n.a.	T 28
W29	12 7 42	3°41'11	9♍44	14°55	18° 2	1°32	19°19	19°56	22°54	28°56	19°31	17°37	19°13	5°21	n.a.	W29
T 30	12 11 38	4°39'16	22° 2	16°40	19° 6	2°18	19°12	20° 2	22°52	28°57	19°31	17°29	19°10	5°28	n.a.	T 30
F 31	12 15 35	5♈37'20	4♎32	18♓26	20♉ 9	3♓ 4	19♎ 5	20♉ 8	22♍49	28♑59	19♊32	17♏22	19♏ 7	5♌35	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	9s18	6n37	4s55	18s23	0s21	7n38	0n59	19s 6	1s 9	7s15	1n29	15n43	1s36	3n 5	0n46	21s 7	0s21	23n42	0n24	17s53	18s 9	15n 9			n.a.
T 2	8 55	2 25	4 36	18 23	0 33	8 8	1 3	18 53	1 9	7 14	1 29	15 44	1 36	3 6	0 46	21 6	0 21	23 42	0 24	17 49	18 8	15 7			n.a.
F 3	8 33	1s55	4 4	18 22	0 44	8 38	1 7	18 40	1 10	7 12	1 29	15 46	1 36	3 7	0 46	21 6	0 21	23 42	0 24	17 46	18 7	15 5			n.a.
S 4	8 11	6 14	3 20	18 18	0 54	9 8	1 11	18 27	1 10	7 10	1 29	15 47	1 35	3 8	0 46	21 6	0 21	23 42	0 24	17 44	18 6	15 4			n.a.
S 5	7 48	10 21	2 25	18 13	1 4	9 38	1 15	18 14	1 10	7 9	1 29	15 48	1 35	3 9	0 46	21 5	0 21	23 42	0 24	17 42	18 5	15 2			n.a.
M 6	7 26	14 3	1 23	18 7	1 13	10 7	1 19	18 0	1 10	7 7	1 30	15 50	1 35	3 10	0 46	21 5	0 21	23 42	0 24	17 41	18 4	15 0			n.a.
T 7	7 3	17 8	0 15	17 58	1 22	10 37	1 23	17 47	1 10	7 5	1 30	15 52	1 35	3 11	0 46	21 5	0 21	23 42	0 24	17 41	18 4	14 58			n.a.
W 8	6 40	19 23	0n56	17 48	1 30	11 6	1 26	17 33	1 11	7 4	1 30	15 53	1 34	3 12	0 46	21 4	0 21	23 42	0 24	17 41	18 3	14 56			n.a.
T 9	6 17	20 35	2 4	17 37	1 38	11 34	1 30	17 19	1 11	7 2	1 30	15 55	1 34	3 13	0 46	21 4	0 21	23 42	0 24	17 41	18 2	14 55			n.a.
F 10	5 54	20 34	3 8	17 23	1 45	12 3	1 34	17 5	1 11	7 0	1 30	15 56	1 34	3 14	0 46	21 4	0 21	23 42	0 24	17 41	18 1	14 53			n.a.
S 11	5 31	19 15	4 1	17 9	1 52	12 31	1 38	16 51	1 11	6 58	1 30	15 58	1 34	3 15	0 46	21 3	0 21	23 43	0 24	17 40	18 0	14 51			n.a.
S 12	5 8	16 40	4 40	16 52	1 58	12 59	1 42	16 37	1 11	6 56	1 30	15 59	1 33	3 16	0 46	21 3	0 21	23 43	0 25	17 39	17 59	14 49			n.a.
M13	4 45	12 59	5 1	16 34	2 4	13 27	1 46	16 22	1 11	6 54	1 31	16 1	1 33	3 17	0 46	21 3	0 21	23 43	0 25	17 37	17 58	14 48			n.a.
T 14	4 22	8 27	5 2	16 14	2 9	13 54	1 49	16 7	1 11	6 52	1 31	16 3	1 33	3 18	0 46	21 2	0 21	23 43	0 25	17 35	17 58	14 46			n.a.
W15	3 59	3 25	4 42	15 53	2 13	14 21	1 53	15 52	1 12	6 49	1 31	16 4	1 33	3 19	0 46	21 2	0 21	23 43	0 25	17 32	17 57	14 44			n.a.
T 16	3 35	1n47	4 4	15 30	2 17	14 48	1 57	15 37	1 12	6 47	1 31	16 6	1 33	3 20	0 46	21 2	0 21	23 43	0 25	17 30	17 56	14 42			n.a.
F 17	3 12	6 47	3 11	15 5	2 21	15 14	2 0	15 22	1 12	6 45	1 31	16 8	1 32	3 21	0 46	21 1	0 21	23 43	0 25	17 28	17 55	14 40			n.a.
S 18	2 49	11 16	2 7	14 39	2 24	15 40	2 4	15 7	1 12	6 43	1 31	16 10	1 32	3 22	0 46	21 1	0 21	23 43	0 25	17 26	17 54	14 39			n.a.
S 19	2 25	15 2	0 57	14 12	2 26	16 6	2 8	14 52	1 12	6 40	1 31	16 11	1 32	3 23	0 46	21 1	0 21	23 43	0 25	17 26	17 53	14 37			n.a.
M20	2 2	17 54	0s13	13 42	2 28	16 31	2 11	14 36	1 12	6 38	1 31	16 13	1 32	3 24	0 46	21 1	0 21	23 43	0 25	17 25	17 52	14 35			n.a.
T 21	1 38	19 45	1 21	13 12	2 30	16 56	2 15	14 20	1 12	6 35	1 31	16 15	1 32	3 25	0 46	21 0	0 21	23 43	0 25	17 26	17 51	14 33			n.a.
W22	1 15	20 35	2 23	12 39	2 30	17 20	2 18	14 5	1 12	6 33	1 31	16 17	1 31	3 26	0 46	21 0	0 21	23 43	0 25	17 26	17 51	14 31			n.a.
T 23	0 52	20 25	3 18	12 5	2 31	17 44	2 22	13 49	1 12	6 30	1 31	16 18	1 31	3 27	0 46	21 0	0 21	23 43	0 25	17 26	17 50	14 30			n.a.
F 24	0 28	19 19	4 3	11 30	2 30	18 8	2 25	13 33	1 12	6 28	1 31	16 20	1 31	3 28	0 46	21 0	0 21	23 43	0 25	17 26	17 49	14 28			n.a.
S 25	0 5	17 23	4 36	10 53	2 29	18 31	2 28	13 17	1 12	6 25	1 31	16 22	1 31	3 29	0 46	20 59	0 21	23 44	0 25	17 25	17 48	14 26			n.a.
S 26	0n19	14 43	4 58	10 14	2 28	18 54	2 32	13 0	1 12	6 23	1 32	16 24	1 31	3 30	0 46	20 59	0 21	23 44	0 25	17 24	17 47	14 24			n.a.
M27	0 42	11 27	5 7	9 34	2 26	19 16	2 35	12 44	1 12	6 20	1 32	16 26	1 30	3 31	0 46	20 59	0 21	23 44	0 25	17 22	17 46	14 22			n.a.
T 28	1 6	7 43	5 3	8 53	2 24	19 38	2 38	12 28	1 12	6 17	1 32	16 28	1 30	3 32	0 46	20 59	0 22	23 44	0 25	17 20	17 45	14 21			n.a.
W29	1 29	3 37	4 45	8 10	2 21	19 59	2 41	12 11	1 12	6 14	1 32	16 29	1 30	3 33	0 46	20 58	0 22	23 44	0 25	17 18	17 44	14 19			n.a.
T 30	1 52	0s41	4 14	7 26	2 17	20 20	2 44	11 54	1 12	6 12	1 32	16 31	1 30	3 34	0 46	20 58	0 22	23 44	0 25	17 15	17 44	14 17			n.a.
F 31	2n16	5s 2	3s30	6s40	2s13	20n41	2n47	11s38	1s12	6s 9	1n32	16n33	1s30	3n35	0n46	20s58	0s22	23n44	0n26	17s13	17s43	14n15			n.a.

Julian Day Number = 1613368.5, Delta T = 03h51m55s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'20, Lahiri = - 8°02'20 Julian Calendar 1 March 296 BCE == Greg. Calendar 25 Feb. 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

APRIL 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 19 31	6♈35'22	17♎13	20♓14	21♉12	3♓50	18°R58	20♉15	22°R47	29♑ 0	19♊32	17°R17	19♏ 4	5♌42	n.a.	S 1
S 2	12 23 28	7°33'22	0♏ 6	22° 4	22°15	4°35	18♎51	20°21	22♍44	29° 1	19°33	17♏14	19° 1	5°48	n.a.	S 2
M 3	12 27 25	8°31'21	13°11	23°55	23°17	5°21	18°43	20°28	22°42	29° 2	19°34	17°D13	18°57	5°55	n.a.	M 3
T 4	12 31 21	9°29'18	26°29	25°49	24°19	6° 7	18°36	20°34	22°39	29° 3	19°34	17°13	18°54	6° 2	n.a.	T 4
W 5	12 35 18	10°27'14	9♐59	27°44	25°21	6°53	18°28	20°41	22°37	29° 4	19°35	17°14	18°51	6° 8	n.a.	W 5
T 6	12 39 14	11°25'08	23°41	29°41	26°23	7°38	18°21	20°48	22°35	29° 5	19°36	17°16	18°48	6°15	n.a.	T 6
F 7	12 43 11	12°23'01	7♑37	1♈40	27°24	8°24	18°13	20°54	22°32	29° 6	19°36	17°R17	18°45	6°22	n.a.	F 7
S 8	12 47 7	13°20'53	21°45	3°40	28°24	9° 9	18° 6	21° 1	22°30	29° 7	19°37	17°16	18°41	6°29	n.a.	S 8
S 9	12 51 4	14°18'43	6♒ 3	5°42	29°25	9°55	17°58	21° 8	22°27	29° 8	19°38	17°15	18°38	6°35	n.a.	S 9
M10	12 55 0	15°16'32	20°30	7°46	0♊25	10°40	17°50	21°15	22°25	29° 9	19°39	17°12	18°35	6°42	n.a.	M10
T 11	12 58 57	16°14'20	5♓ 1	9°51	1°25	11°25	17°43	21°22	22°23	29°10	19°40	17° 8	18°32	6°49	n.a.	T 11
W12	13 2 54	17°12'06	19°30	11°58	2°24	12°11	17°35	21°29	22°21	29°10	19°40	17° 3	18°29	6°56	n.a.	W12
T 13	13 6 50	18° 9'51	3♈52	14° 6	3°23	12°56	17°28	21°36	22°18	29°11	19°41	16°59	18°26	7° 2	n.a.	T 13
F 14	13 10 47	19° 7'35	18° 0	16°14	4°21	13°41	17°20	21°43	22°16	29°12	19°42	16°56	18°22	7° 9	n.a.	F 14
S 15	13 14 43	20° 5'17	1♉51	18°24	5°19	14°27	17°12	21°50	22°14	29°13	19°43	16°54	18°19	7°16	n.a.	S 15
S 16	13 18 40	21° 2'58	15°21	20°35	6°17	15°12	17° 5	21°57	22°12	29°13	19°44	16°D53	18°16	7°22	n.a.	S 16
M17	13 22 36	22° 0'37	28°29	22°46	7°14	15°57	16°57	22° 4	22°10	29°14	19°45	16°54	18°13	7°29	n.a.	M17
T 18	13 26 33	22°58'15	11♊16	24°57	8°11	16°42	16°49	22°11	22° 8	29°14	19°46	16°55	18°10	7°36	n.a.	T 18
W19	13 30 29	23°55'51	23°44	27° 8	9° 7	17°27	16°42	22°19	22° 6	29°15	19°47	16°56	18° 6	7°43	n.a.	W19
T 20	13 34 26	24°53'26	5♋57	29°19	10° 3	18°12	16°34	22°26	22° 4	29°16	19°48	16°58	18° 3	7°49	n.a.	T 20
F 21	13 38 22	25°50'59	17°58	1♌29	10°58	18°57	16°27	22°33	22° 2	29°16	19°49	16°59	18° 0	7°56	n.a.	F 21
S 22	13 42 19	26°48'30	29°53	3°38	11°52	19°41	16°19	22°41	22° 0	29°17	19°50	16°R59	17°57	8° 3	n.a.	S 22
S 23	13 46 16	27°46'00	11♌46	5°46	12°47	20°26	16°12	22°48	21°58	29°17	19°51	16°58	17°54	8° 9	n.a.	S 23
M24	13 50 12	28°43'28	23°42	7°53	13°40	21°11	16° 5	22°56	21°56	29°18	19°52	16°57	17°51	8°16	n.a.	M24
T 25	13 54 9	29°40'55	5♍44	9°58	14°33	21°56	15°57	23° 3	21°54	29°18	19°53	16°55	17°47	8°23	n.a.	T 25
W26	13 58 5	0♉38'21	17°57	12° 1	15°25	22°40	15°50	23°10	21°52	29°18	19°54	16°52	17°44	8°30	n.a.	W26
T 27	14 2 2	1°35'45	0♎23	14° 2	16°17	23°25	15°43	23°18	21°50	29°19	19°55	16°50	17°41	8°36	n.a.	T 27
F 28	14 5 58	2°33'08	13° 5	16° 1	17° 8	24° 9	15°36	23°26	21°49	29°19	19°56	16°48	17°38	8°43	n.a.	F 28
S 29	14 9 55	3°30'30	26° 2	17°58	17°58	24°54	15°29	23°33	21°47	29°19	19°58	16°47	17°35	8°50	n.a.	S 29
S 30	14 13 51	4♉27'51	9♏16	19♉52	18♊48	25♓38	15♎22	23♉41	21♍45	29♑19	19♊59	16♏46	17♏32	8♌57	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n39	9s14	2s35	5s53	2s 8	21n 1	2n50	11s21	1s12	6s 6	1n32	16n35	1s29	3n36	0n46	20s58	0s22	23n44	0n26	17s12	17s42	14n13		n.a.
S 2	3 2	13 4	1 32	5 4	2 3	21 20	2 53	11 4	1 12	6 3	1 32	16 37	1 29	3 37	0 46	20 57	0 22	23 44	0 26	17 11	17 41	14 12		n.a.
M 3	3 25	16 20	0 22	4 14	1 58	21 39	2 56	10 47	1 12	6 1	1 32	16 39	1 29	3 38	0 46	20 57	0 22	23 44	0 26	17 11	17 40	14 10		n.a.
T 4	3 48	18 47	0n50	3 23	1 51	21 57	2 58	10 30	1 12	5 58	1 32	16 41	1 29	3 39	0 46	20 57	0 22	23 45	0 26	17 11	17 39	14 8		n.a.
W 5	4 11	20 14	2 1	2 30	1 45	22 15	3 1	10 13	1 12	5 55	1 32	16 43	1 29	3 40	0 46	20 57	0 22	23 45	0 26	17 11	17 38	14 6		n.a.
T 6	4 34	20 29	3 6	1 37	1 37	22 33	3 3	9 55	1 12	5 52	1 32	16 45	1 29	3 41	0 46	20 57	0 22	23 45	0 26	17 11	17 37	14 4		n.a.
F 7	4 57	19 30	4 0	0 42	1 30	22 49	3 6	9 38	1 12	5 49	1 32	16 47	1 28	3 42	0 46	20 56	0 22	23 45	0 26	17 12	17 37	14 2		n.a.
S 8	5 20	17 19	4 42	0n14	1 22	23 6	3 8	9 21	1 12	5 46	1 32	16 49	1 28	3 43	0 46	20 56	0 22	23 45	0 26	17 12	17 36	14 1		n.a.
S 9	5 43	14 3	5 6	1 11	1 13	23 21	3 10	9 3	1 12	5 43	1 32	16 51	1 28	3 44	0 46	20 56	0 22	23 45	0 26	17 11	17 35	13 59		n.a.
M10	6 5	9 55	5 11	2 8	1 4	23 37	3 12	8 46	1 12	5 41	1 31	16 53	1 28	3 45	0 46	20 56	0 22	23 45	0 26	17 10	17 34	13 57		n.a.
T 11	6 28	5 11	4 57	3 7	0 55	23 51	3 14	8 28	1 12	5 38	1 31	16 55	1 28	3 45	0 46	20 56	0 22	23 45	0 26	17 9	17 33	13 55		n.a.
W12	6 50	0 10	4 24	4 6	0 45	24 5	3 16	8 11	1 12	5 35	1 31	16 57	1 28	3 46	0 46	20 56	0 22	23 45	0 26	17 8	17 32	13 53		n.a.
T 13	7 12	4n49	3 34	5 5	0 35	24 19	3 18	7 53	1 12	5 32	1 31	16 59	1 27	3 47	0 46	20 56	0 22	23 46	0 26	17 7	17 31	13 51		n.a.
F 14	7 35	9 29	2 32	6 5	0 25	24 32	3 19	7 35	1 12	5 29	1 31	17 1	1 27	3 48	0 46	20 55	0 22	23 46	0 26	17 6	17 30	13 50		n.a.
S 15	7 57	13 32	1 22	7 5	0 14	24 44	3 21	7 18	1 12	5 26	1 31	17 3	1 27	3 49	0 46	20 55	0 22	23 46	0 26	17 5	17 29	13 48		n.a.
S 16	8 19	16 46	0 8	8 4	0 4	24 56	3 22	7 0	1 11	5 23	1 31	17 5	1 27	3 50	0 46	20 55	0 22	23 46	0 26	17 5	17 29	13 46		n.a.
M17	8 40	19 2	1s 3	9 4	0n 7	25 7	3 23	6 42	1 11	5 20	1 31	17 7	1 27	3 51	0 46	20 55	0 22	23 46	0 26	17 5	17 28	13 44		n.a.
T 18	9 2	20 15	2 10	10 3	0 17	25 18	3 24	6 24	1 11	5 18	1 31	17 9	1 27	3 51	0 46	20 55	0 22	23 46	0 27	17 5	17 27	13 42		n.a.
W19	9 24	20 26	3 9	11 1	0 28	25 28	3 25	6 6	1 11	5 15	1 31	17 11	1 27	3 52	0 46	20 55	0 22	23 46	0 27	17 6	17 26	13 40		n.a.
T 20	9 45	19 38	3 58	11 57	0 38	25 37	3 26	5 48	1 11	5 12	1 31	17 13	1 26	3 53	0 46	20 55	0 22	23 46	0 27	17 6	17 25	13 38		n.a.
F 21	10 6	17 57	4 36	12 53	0 48	25 46	3 27	5 30	1 11	5 9	1 31	17 15	1 26	3 54	0 45	20 55	0 22	23 47	0 27	17 7	17 24	13 37		n.a.
S 22	10 27	15 31	5 1	13 47	0 58	25 54	3 27	5 13	1 10	5 6	1 30	17 17	1 26	3 54	0 45	20 55	0 22	23 47	0 27	17 7	17 23	13 35		n.a.
S 23	10 48	12 26	5 14	14 40	1 7	26 2	3 28	4 55	1 10	5 4	1 30	17 19	1 26	3 55	0 45	20 55	0 22	23 47	0 27	17 6	17 22	13 33		n.a.
M24	11 9	8 52	5 13	15 30	1 16	26 9	3 28	4 37	1 10	5 1	1 30	17 21	1 26	3 56	0 45	20 54	0 22	23 47	0 27	17 6	17 21	13 31		n.a.
T 25	11 30	4 54	4 58	16 19	1 25	26 16	3 28	4 19	1 10	4 58	1 30	17 23	1 26	3 57	0 45	20 54	0 22	23 47	0 27	17 5	17 20	13 29		n.a.
W26	11 50	0 41	4 30	17 6	1 33	26 22	3 28	4 1	1 10	4 56	1 30	17 25	1 26	3 57	0 45	20 54	0 22	23 47	0 27	17 5	17 20	13 27		n.a.
T 27	12 10	3s39	3 49	17 50	1 40	26 27	3 28	3 43	1 10	4 53	1 30	17 27	1 25	3 58	0 45	20 54	0 22	23 47	0 27	17 4	17 19	13 25		n.a.
F 28	12 30	7 55	2 56	18 32	1 47	26 32	3 27	3 24	1 9	4 50	1 30	17 29	1 25	3 59	0 45	20 54	0 22	23 48	0 27	17 4	17 18	13 24		n.a.
S 29	12 50	11 55	1 52	19 12	1 53	26 36	3 26	3 6	1 9	4 48	1 29	17 31	1 25	3 59	0 45	20 54	0 22	23 48	0 27	17 3	17 17	13 22		n.a.
S 30	13n10	15s25	0s41	19n49	1n58	26n40	3n26	2s48	1s 9	4s45	1n29	17n33	1s25	4n 0	0n45	20s54	0s22	23n48	0n27	17s 3	17s16	13n20		n.a.

Julian Day Number = 1613399.5, Delta T = 03h51m54s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'16, Lahiri = - 8°02'16 Julian Calendar 1 Apr. 296 BCE == Greg. Calendar 28 March 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

MAY 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 17 48	5♉25'11	22♏45	21♉44	19♊36	26♓22	15°R15	23♉48	21°R44	29♑20	20♊ 0	16°D46	17♏28	9♌ 3	n.a.	M 1
T 2	14 21 45	6°22'30	6♐27	23°33	20°24	27° 7	15♎ 9	23°56	21♍42	29°20	20° 1	16♏47	17°25	9°10	n.a.	T 2
W 3	14 25 41	7°19'48	20°21	25°20	21°12	27°51	15° 2	24° 4	21°40	29°20	20° 2	16°47	17°22	9°17	n.a.	W 3
T 4	14 29 38	8°17'06	4♑24	27° 4	21°58	28°35	14°55	24°11	21°39	29°20	20° 4	16°48	17°19	9°23	n.a.	T 4
F 5	14 33 34	9°14'23	18°34	28°45	22°44	29°19	14°49	24°19	21°38	29°20	20° 5	16°49	17°16	9°30	n.a.	F 5
S 6	14 37 31	10°11'39	2♒47	0♊23	23°28	0♈ 3	14°43	24°27	21°36	29°20	20° 6	16°49	17°12	9°37	n.a.	S 6
S 7	14 41 27	11° 8'55	17° 2	1°59	24°12	0°47	14°37	24°35	21°35	29°R20	20° 7	16°R49	17° 9	9°44	n.a.	S 7
M 8	14 45 24	12° 6'11	1♓15	3°32	24°55	1°31	14°30	24°42	21°33	29°20	20° 9	16°49	17° 6	9°50	n.a.	M 8
T 9	14 49 20	13° 3'25	15°25	5° 2	25°37	2°15	14°24	24°50	21°32	29°20	20°10	16°48	17° 3	9°57	n.a.	T 9
W10	14 53 17	14° 0'40	29°27	6°30	26°18	2°59	14°19	24°58	21°31	29°20	20°11	16°48	17° 0	10° 4	n.a.	W10
T 11	14 57 14	14°57'54	13♈21	7°54	26°57	3°42	14°13	25° 6	21°30	29°20	20°13	16°48	16°57	10°10	n.a.	T 11
F 12	15 1 10	15°55'07	27° 2	9°16	27°36	4°26	14° 7	25°13	21°29	29°20	20°14	16°48	16°53	10°17	n.a.	F 12
S 13	15 5 7	16°52'20	10♉30	10°35	28°13	5°10	14° 2	25°21	21°27	29°19	20°15	16°48	16°50	10°24	n.a.	S 13
S 14	15 9 3	17°49'32	23°42	11°50	28°50	5°53	13°57	25°29	21°26	29°19	20°17	16°48	16°47	10°31	n.a.	S 14
M15	15 13 0	18°46'44	6♊37	13° 3	29°25	6°37	13°51	25°37	21°25	29°19	20°18	16°48	16°44	10°37	n.a.	M15
T 16	15 16 56	19°43'55	19°16	14°13	29°59	7°20	13°46	25°45	21°24	29°19	20°19	16°47	16°41	10°44	n.a.	T 16
W17	15 20 53	20°41'06	1♋41	15°19	0♋31	8° 4	13°41	25°53	21°23	29°18	20°21	16°47	16°38	10°51	n.a.	W17
T 18	15 24 50	21°38'16	13°52	16°23	1° 2	8°47	13°37	26° 1	21°23	29°18	20°22	16°46	16°34	10°58	n.a.	T 18
F 19	15 28 46	22°35'25	25°53	17°23	1°32	9°30	13°32	26° 9	21°22	29°18	20°24	16°46	16°31	11° 4	n.a.	F 19
S 20	15 32 43	23°32'34	7♌49	18°19	2° 0	10°13	13°28	26°16	21°21	29°17	20°25	16°45	16°28	11°11	n.a.	S 20
S 21	15 36 39	24°29'42	19°42	19°13	2°27	10°56	13°23	26°24	21°20	29°17	20°27	16°D45	16°25	11°18	n.a.	S 21
M22	15 40 36	25°26'49	1♍38	20° 2	2°52	11°39	13°19	26°32	21°20	29°16	20°28	16°45	16°22	11°24	n.a.	M22
T 23	15 44 32	26°23'56	13°40	20°48	3°15	12°22	13°15	26°40	21°19	29°16	20°30	16°46	16°18	11°31	n.a.	T 23
W24	15 48 29	27°21'02	25°54	21°30	3°36	13° 5	13°12	26°48	21°19	29°15	20°31	16°46	16°15	11°38	n.a.	W24
T 25	15 52 25	28°18'08	8♎24	22° 9	3°56	13°48	13° 8	26°56	21°18	29°15	20°33	16°47	16°12	11°45	n.a.	T 25
F 26	15 56 22	29°15'13	21°12	22°43	4°14	14°31	13° 5	27° 4	21°18	29°14	20°34	16°48	16° 9	11°51	n.a.	F 26
S 27	16 0 19	0♊12'18	4♏21	23°13	4°30	15°13	13° 1	27°12	21°17	29°13	20°36	16°49	16° 6	11°58	n.a.	S 27
S 28	16 4 15	1° 9'23	17°51	23°39	4°44	15°56	12°58	27°20	21°17	29°13	20°37	16°R49	16° 3	12° 5	n.a.	S 28
M29	16 8 12	2° 6'28	1♐42	24° 0	4°56	16°39	12°55	27°27	21°16	29°12	20°39	16°49	15°59	12°12	n.a.	M29
T 30	16 12 8	3° 3'33	15°50	24°17	5° 6	17°21	12°52	27°35	21°16	29°11	20°40	16°48	15°56	12°18	n.a.	T 30
W31	16 16 5	4♊ 0'37	0♑12	24♊30	5♋13	18♈ 3	12♎50	27♉43	21♍16	29♑11	20♊42	16♏46	15♏53	12♌25	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	13n29	18s 9	0n33	20n24	2n 3	26n43	3n25	2s30	1s 9	4s43	1n29	17n35	1s25	4n 1	0n45	20s54	0s22	23n48	0n27	17s 3	17s15	13n18			n.a.
T 2	13 48	19 54	1 47	20 56	2 7	26 45	3 23	2 12	1 8	4 40	1 29	17 37	1 25	4 1	0 45	20 54	0 22	23 48	0 27	17 3	17 14	13 16			n.a.
W 3	14 7	20 27	2 55	21 26	2 10	26 47	3 22	1 54	1 8	4 38	1 29	17 39	1 25	4 2	0 45	20 54	0 22	23 48	0 27	17 3	17 13	13 14			n.a.
T 4	14 26	19 45	3 54	21 53	2 12	26 49	3 20	1 36	1 8	4 35	1 28	17 41	1 25	4 2	0 45	20 54	0 22	23 48	0 27	17 4	17 12	13 12			n.a.
F 5	14 45	17 49	4 39	22 18	2 14	26 50	3 18	1 18	1 8	4 33	1 28	17 43	1 25	4 3	0 45	20 54	0 22	23 49	0 27	17 4	17 11	13 10			n.a.
S 6	15 3	14 47	5 7	22 41	2 15	26 50	3 16	1 0	1 7	4 31	1 28	17 45	1 24	4 3	0 45	20 54	0 22	23 49	0 28	17 4	17 11	13 9			n.a.
S 7	15 21	10 53	5 17	23 1	2 15	26 50	3 14	0 42	1 7	4 29	1 28	17 47	1 24	4 4	0 45	20 54	0 22	23 49	0 28	17 4	17 10	13 7			n.a.
M 8	15 39	6 23	5 7	23 19	2 15	26 49	3 11	0 24	1 7	4 26	1 28	17 49	1 24	4 4	0 45	20 54	0 22	23 49	0 28	17 4	17 9	13 5			n.a.
T 9	15 57	1 33	4 38	23 35	2 13	26 48	3 9	0 7	1 6	4 24	1 27	17 51	1 24	4 5	0 45	20 54	0 23	23 49	0 28	17 4	17 8	13 3			n.a.
W10	16 14	3n20	3 53	23 49	2 11	26 46	3 6	0n11	1 6	4 22	1 27	17 53	1 24	4 5	0 45	20 54	0 23	23 49	0 28	17 4	17 7	13 1			n.a.
T 11	16 31	8 1	2 55	24 0	2 8	26 44	3 2	0 29	1 6	4 20	1 27	17 55	1 24	4 6	0 45	20 54	0 23	23 50	0 28	17 3	17 6	12 59			n.a.
F 12	16 48	12 12	1 47	24 10	2 5	26 41	2 59	0 47	1 5	4 18	1 27	17 57	1 24	4 6	0 45	20 54	0 23	23 50	0 28	17 3	17 5	12 57			n.a.
S 13	17 5	15 42	0 35	24 18	2 1	26 38	2 55	1 5	1 5	4 16	1 27	17 59	1 24	4 7	0 45	20 54	0 23	23 50	0 28	17 3	17 4	12 55			n.a.
S 14	17 21	18 18	0s38	24 23	1 56	26 34	2 51	1 23	1 5	4 14	1 26	18 1	1 24	4 7	0 45	20 55	0 23	23 50	0 28	17 3	17 3	12 54			n.a.
M15	17 37	19 54	1 48	24 28	1 50	26 30	2 46	1 40	1 4	4 13	1 26	18 3	1 24	4 7	0 45	20 55	0 23	23 50	0 28	17 3	17 2	12 52			n.a.
T 16	17 53	20 27	2 50	24 30	1 44	26 26	2 42	1 58	1 4	4 11	1 26	18 5	1 23	4 8	0 45	20 55	0 23	23 50	0 28	17 3	17 1	12 50			n.a.
W17	18 8	19 59	3 44	24 31	1 37	26 21	2 37	2 16	1 4	4 9	1 26	18 7	1 23	4 8	0 45	20 55	0 23	23 50	0 28	17 3	17 0	12 48			n.a.
T 18	18 24	18 35	4 26	24 30	1 29	26 15	2 32	2 33	1 3	4 8	1 25	18 9	1 23	4 8	0 45	20 55	0 23	23 51	0 28	17 3	17 0	12 46			n.a.
F 19	18 38	16 23	4 56	24 27	1 20	26 9	2 26	2 51	1 3	4 6	1 25	18 11	1 23	4 9	0 45	20 55	0 23	23 51	0 28	17 3	16 59	12 44			n.a.
S 20	18 53	13 30	5 13	24 23	1 11	26 3	2 20	3 8	1 3	4 5	1 25	18 12	1 23	4 9	0 44	20 55	0 23	23 51	0 28	17 3	16 58	12 42			n.a.
S 21	19 7	10 5	5 16	24 18	1 1	25 56	2 14	3 26	1 2	4 3	1 25	18 14	1 23	4 9	0 44	20 55	0 23	23 51	0 28	17 3	16 57	12 40			n.a.
M22	19 21	6 16	5 6	24 12	0 51	25 49	2 7	3 43	1 2	4 2	1 24	18 16	1 23	4 9	0 44	20 55	0 23	23 51	0 28	17 3	16 56	12 38			n.a.
T 23	19 35	2 9	4 43	24 4	0 40	25 42	2 0	4 0	1 2	4 0	1 24	18 18	1 23	4 10	0 44	20 56	0 23	23 51	0 28	17 3	16 55	12 36			n.a.
W24	19 48	2s 6	4 6	23 55	0 28	25 34	1 53	4 17	1 1	3 59	1 24	18 20	1 23	4 10	0 44	20 56	0 23	23 52	0 29	17 3	16 54	12 35			n.a.
T 25	20 1	6 23	3 17	23 45	0 16	25 26	1 45	4 35	1 1	3 58	1 23	18 22	1 23	4 10	0 44	20 56	0 23	23 52	0 29	17 3	16 53	12 33			n.a.
F 26	20 14	10 29	2 17	23 34	0 3	25 17	1 37	4 52	1 0	3 57	1 23	18 24	1 23	4 10	0 44	20 56	0 23	23 52	0 29	17 4	16 52	12 31			n.a.
S 27	20 26	14 12	1 8	23 22	0s11	25 8	1 29	5 9	1 0	3 56	1 23	18 26	1 23	4 10	0 44	20 56	0 23	23 52	0 29	17 4	16 51	12 29			n.a.
S 28	20 38	17 16	0n 6	23 10	0 25	24 59	1 20	5 26	0 59	3 55	1 23	18 28	1 23	4 10	0 44	20 56	0 23	23 52	0 29	17 4	16 50	12 27			n.a.
M29	20 50	19 25	1 21	22 56	0 39	24 49	1 11	5 43	0 59	3 54	1 22	18 30	1 22	4 10	0 44	20 56	0 23	23 52	0 29	17 4	16 49	12 25			n.a.
T 30	21 1	20 25	2 33	22 42	0 54	24 40	1 2	6 0	0 59	3 53	1 22	18 31	1 22	4 10	0 44	20 57	0 23	23 53	0 29	17 3	16 48	12 23			n.a.
W31	21n12	20s 7	3n37	22n28	1s 9	24n29	0n52	6n16	0s58	3s52	1n22	18n33	1s22	4n11	0n44	20s57	0s23	23n53	0n29	17s 3	16s48	12n21			n.a.

Julian Day Number = 1613429.5, Delta T = 03h51m53s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'12, Lahiri = - 8°02'12 Julian Calendar 1 May 296 BCE == Greg. Calendar 27 Apr. 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

JUNE 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 20 1	4♊57'42	14♉42	24♊38	5♋19	18♈46	12°R47	27♉51	21°R16	29°R10	20♊43	16°R44	15♏50	12♌32	n.a.	T 1
F 2	16 23 58	5°54'47	29°14	24°R41	5°22	19°28	12♎45	27°59	21♍16	29♉ 9	20°45	16♏41	15°47	12°38	n.a.	F 2
S 3	16 27 54	6°51'53	13♒42	24°40	5°R23	20°10	12°43	28° 7	21°D16	29° 8	20°46	16°40	15°44	12°45	n.a.	S 3
S 4	16 31 51	7°48'59	28° 3	24°34	5°22	20°52	12°41	28°15	21°16	29° 7	20°48	16°38	15°40	12°52	n.a.	S 4
M 5	16 35 48	8°46'05	12♓14	24°23	5°19	21°34	12°40	28°22	21°16	29° 6	20°49	16°D38	15°37	12°59	n.a.	M 5
T 6	16 39 44	9°43'11	26°11	24° 8	5°13	22°16	12°38	28°30	21°16	29° 6	20°51	16°39	15°34	13° 5	n.a.	T 6
W 7	16 43 41	10°40'18	9♈55	23°49	5° 4	22°58	12°37	28°38	21°16	29° 5	20°53	16°40	15°31	13°12	n.a.	W 7
T 8	16 47 37	11°37'26	23°25	23°25	4°54	23°40	12°36	28°46	21°16	29° 4	20°54	16°42	15°28	13°19	n.a.	T 8
F 9	16 51 34	12°34'34	6♉41	22°58	4°41	24°22	12°35	28°53	21°17	29° 3	20°56	16°43	15°24	13°25	n.a.	F 9
S 10	16 55 30	13°31'43	19°45	22°28	4°25	25° 4	12°34	29° 1	21°17	29° 2	20°57	16°R43	15°21	13°32	n.a.	S 10
S 11	16 59 27	14°28'52	2♊36	21°54	4° 8	25°45	12°33	29° 9	21°17	29° 1	20°59	16°42	15°18	13°39	n.a.	S 11
M12	17 3 23	15°26'02	15°14	21°18	3°48	26°27	12°33	29°17	21°18	29° 0	21° 1	16°40	15°15	13°46	n.a.	M12
T 13	17 7 20	16°23'12	27°41	20°40	3°26	27° 8	12°32	29°24	21°18	28°59	21° 2	16°36	15°12	13°52	n.a.	T 13
W14	17 11 17	17°20'23	9♋57	20° 1	3° 1	27°50	12°D32	29°32	21°19	28°57	21° 4	16°31	15° 9	13°59	n.a.	W14
T 15	17 15 13	18°17'33	22° 3	19°21	2°35	28°31	12°32	29°40	21°19	28°56	21° 5	16°26	15° 5	14° 6	n.a.	T 15
F 16	17 19 10	19°14'45	4♌ 2	18°41	2° 7	29°12	12°33	29°47	21°20	28°55	21° 7	16°20	15° 2	14°13	n.a.	F 16
S 17	17 23 6	20°11'56	15°55	18° 2	1°37	29°53	12°33	29°55	21°21	28°54	21° 9	16°15	14°59	14°19	n.a.	S 17
S 18	17 27 3	21° 9'08	27°47	17°25	1° 5	0♉35	12°34	0♊ 2	21°21	28°53	21°10	16°12	14°56	14°26	n.a.	S 18
M19	17 30 59	22° 6'20	9♍41	16°49	0°32	1°16	12°35	0°10	21°22	28°52	21°12	16° 9	14°53	14°33	n.a.	M19
T 20	17 34 56	23° 3'33	21°42	16°16	29♊58	1°56	12°36	0°17	21°23	28°50	21°13	16°D 8	14°49	14°39	n.a.	T 20
W21	17 38 53	24° 0'46	3♎54	15°47	29°23	2°37	12°37	0°25	21°24	28°49	21°15	16° 9	14°46	14°46	n.a.	W21
T 22	17 42 49	24°57'59	16°22	15°21	28°47	3°18	12°38	0°32	21°25	28°48	21°17	16°10	14°43	14°53	n.a.	T 22
F 23	17 46 46	25°55'13	29°10	15° 0	28°10	3°59	12°40	0°40	21°26	28°46	21°18	16°12	14°40	15° 0	n.a.	F 23
S 24	17 50 42	26°52'27	12♏22	14°44	27°33	4°39	12°42	0°47	21°27	28°45	21°20	16°R13	14°37	15° 6	n.a.	S 24
S 25	17 54 39	27°49'43	26° 0	14°33	26°55	5°20	12°44	0°55	21°28	28°44	21°21	16°12	14°34	15°13	n.a.	S 25
M26	17 58 35	28°46'58	10♐ 4	14°D28	26°18	6° 0	12°46	1° 2	21°29	28°42	21°23	16°10	14°30	15°20	n.a.	M26
T 27	18 2 32	29°44'15	24°32	14°28	25°41	6°40	12°48	1° 9	21°30	28°41	21°25	16° 6	14°27	15°27	n.a.	T 27
W28	18 6 28	0♋41'33	9♑17	14°35	25° 5	7°21	12°50	1°16	21°32	28°40	21°26	16° 1	14°24	15°33	n.a.	W28
T 29	18 10 25	1°38'51	24°13	14°48	24°29	8° 1	12°53	1°24	21°33	28°38	21°28	15°54	14°21	15°40	n.a.	T 29
F 30	18 14 22	2♋36'11	9♒10	15♊ 6	23♊55	8♉41	12♎56	1♊31	21♍34	28♉37	21♊29	15♏47	14♏18	15♌47	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n23	18s29	4n27	22n13	1s24	24n19	0n42	6n33	0s58	3s52	1n21	18n35	1s22	4n11	0n44	20s57	0s23	23n53	0n29	17s 2	16s47	12n19			n.a.
F 2	21 33	15 40	5 0	21 57	1 40	24 8	0 31	6 50	0 57	3 51	1 21	18 37	1 22	4 11	0 44	20 57	0 23	23 53	0 29	17 2	16 46	12 17			n.a.
S 3	21 43	11 54	5 14	21 42	1 56	23 57	0 20	7 6	0 57	3 51	1 21	18 39	1 22	4 11	0 44	20 57	0 23	23 53	0 29	17 1	16 45	12 15			n.a.
S 4	21 53	7 28	5 9	21 26	2 11	23 46	0 9	7 23	0 56	3 50	1 21	18 41	1 22	4 10	0 44	20 58	0 23	23 53	0 29	17 1	16 44	12 14			n.a.
M 5	22 2	2 41	4 44	21 10	2 27	23 34	0s 3	7 39	0 56	3 50	1 20	18 42	1 22	4 10	0 44	20 58	0 23	23 54	0 29	17 1	16 43	12 12			n.a.
T 6	22 11	2n11	4 3	20 54	2 42	23 22	0 15	7 55	0 55	3 49	1 20	18 44	1 22	4 10	0 44	20 58	0 23	23 54	0 29	17 1	16 42	12 10			n.a.
W 7	22 19	6 51	3 9	20 38	2 57	23 10	0 28	8 11	0 55	3 49	1 20	18 46	1 22	4 10	0 44	20 58	0 23	23 54	0 29	17 1	16 41	12 8			n.a.
T 8	22 27	11 8	2 5	20 22	3 12	22 58	0 40	8 28	0 54	3 49	1 19	18 48	1 22	4 10	0 44	20 58	0 23	23 54	0 29	17 2	16 40	12 6			n.a.
F 9	22 35	14 46	0 55	20 7	3 26	22 45	0 53	8 44	0 54	3 49	1 19	18 49	1 22	4 10	0 44	20 59	0 23	23 54	0 30	17 2	16 39	12 4			n.a.
S 10	22 42	17 37	0s17	19 52	3 39	22 33	1 7	8 59	0 53	3 49	1 19	18 51	1 22	4 10	0 44	20 59	0 23	23 54	0 30	17 2	16 38	12 2			n.a.
S 11	22 49	19 32	1 26	19 38	3 51	22 20	1 20	9 15	0 53	3 49	1 19	18 53	1 22	4 10	0 44	20 59	0 23	23 55	0 30	17 2	16 37	12 0			n.a.
M12	22 55	20 25	2 30	19 25	4 2	22 6	1 34	9 31	0 52	3 49	1 18	18 55	1 22	4 9	0 43	20 59	0 23	23 55	0 30	17 1	16 36	11 58			n.a.
T 13	23 1	20 17	3 25	19 13	4 11	21 53	1 48	9 47	0 52	3 49	1 18	18 56	1 22	4 9	0 43	21 0	0 23	23 55	0 30	17 0	16 35	11 56			n.a.
W14	23 7	19 11	4 11	19 2	4 20	21 40	2 2	10 2	0 51	3 49	1 18	18 58	1 22	4 9	0 43	21 0	0 23	23 55	0 30	16 59	16 34	11 54			n.a.
T 15	23 12	17 14	4 44	18 52	4 27	21 26	2 16	10 17	0 50	3 50	1 17	19 0	1 22	4 9	0 43	21 0	0 23	23 55	0 30	16 57	16 34	11 52			n.a.
F 16	23 17	14 33	5 4	18 43	4 32	21 12	2 31	10 33	0 50	3 50	1 17	19 1	1 22	4 8	0 43	21 0	0 23	23 56	0 30	16 55	16 33	11 50			n.a.
S 17	23 22	11 18	5 11	18 36	4 36	20 58	2 45	10 48	0 49	3 51	1 17	19 3	1 22	4 8	0 43	21 1	0 23	23 56	0 30	16 54	16 32	11 49			n.a.
S 18	23 26	7 37	5 5	18 30	4 38	20 45	2 59	11 3	0 49	3 51	1 16	19 5	1 22	4 8	0 43	21 1	0 23	23 56	0 30	16 53	16 31	11 47			n.a.
M19	23 29	3 38	4 46	18 26	4 39	20 31	3 13	11 18	0 48	3 52	1 16	19 6	1 22	4 7	0 43	21 1	0 23	23 56	0 30	16 52	16 30	11 45			n.a.
T 20	23 33	0s33	4 14	18 24	4 38	20 17	3 27	11 33	0 48	3 52	1 16	19 8	1 22	4 7	0 43	21 1	0 23	23 56	0 30	16 52	16 29	11 43			n.a.
W21	23 35	4 46	3 30	18 24	4 35	20 3	3 40	11 48	0 47	3 53	1 16	19 9	1 21	4 7	0 43	21 2	0 24	23 56	0 30	16 52	16 28	11 41			n.a.
T 22	23 38	8 53	2 35	18 25	4 31	19 50	3 54	12 2	0 46	3 54	1 15	19 11	1 21	4 6	0 43	21 2	0 24	23 57	0 30	16 53	16 27	11 39			n.a.
F 23	23 40	12 44	1 31	18 29	4 25	19 36	4 7	12 17	0 46	3 55	1 15	19 13	1 21	4 6	0 43	21 2	0 24	23 57	0 30	16 53	16 26	11 37			n.a.
S 24	23 41	16 4	0 21	18 34	4 18	19 23	4 19	12 31	0 45	3 56	1 15	19 14	1 21	4 5	0 43	21 3	0 24	23 57	0 30	16 53	16 25	11 35			n.a.
S 25	23 43	18 38	0n53	18 41	4 10	19 10	4 31	12 45	0 45	3 57	1 14	19 16	1 21	4 5	0 43	21 3	0 24	23 57	0 31	16 53	16 24	11 33			n.a.
M26	23 43	20 10	2 6	18 50	4 0	18 58	4 43	12 59	0 44	3 58	1 14	19 17	1 21	4 4	0 43	21 3	0 24	23 57	0 31	16 53	16 23	11 31			n.a.
T 27	23 44	20 25	3 12	19 1	3 50	18 46	4 54	13 14	0 43	3 59	1 14	19 19	1 21	4 4	0 43	21 3	0 24	23 57	0 31	16 51	16 22	11 29			n.a.
W28	23 44	19 17	4 7	19 13	3 38	18 34	5 4	13 27	0 43	4 0	1 13	19 20	1 21	4 3	0 43	21 4	0 24	23 58	0 31	16 50	16 21	11 27			n.a.
T 29	23 43	16 50	4 46	19 27	3 26	18 23	5 14	13 41	0 42	4 2	1 13	19 22	1 21	4 3	0 43	21 4	0 24	23 58	0 31	16 48	16 20	11 25			n.a.
F 30	23n42	13s16	5n 6	19n42	3s13	18n12	5s23	13n55	0s41	4s 3	1n13	19n23	1s21	4n 2	0n43	21s 4	0s24	23n58	0n31	16s46	16s19	11n23			n.a.

Julian Day Number = 1613460.5, Delta T = 03h51m51s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'08, Lahiri = - 8°02'07 Julian Calendar 1 June 296 BCE == Greg. Calendar 28 May 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

JULY 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 18 18	3♋33'31	24♒ 0	15♊32	23°R21	9♉21	12♎59	1♊38	21♍36	28°R35	21♊31	15°R41	14♏15	15♌53	n.a.	S 1
S 2	18 22 15	4°30'53	8♓36	16° 3	22♊50	10° 1	13° 2	1°45	21°37	28♑34	21°32	15♏37	14°11	16° 0	n.a.	S 2
M 3	18 26 11	5°28'16	22°53	16°41	22°20	10°41	13° 5	1°52	21°39	28°33	21°34	15°34	14° 8	16° 7	n.a.	M 3
T 4	18 30 8	6°25'41	6♈49	17°25	21°51	11°20	13° 9	1°59	21°40	28°31	21°36	15°D34	14° 5	16°14	n.a.	T 4
W 5	18 34 4	7°23'07	20°24	18°15	21°25	12° 0	13°12	2° 6	21°42	28°30	21°37	15°34	14° 2	16°20	n.a.	W 5
T 6	18 38 1	8°20'34	3♉40	19°11	21° 0	12°40	13°16	2°13	21°43	28°28	21°39	15°35	13°59	16°27	n.a.	T 6
F 7	18 41 57	9°18'03	16°39	20°13	20°38	13°19	13°20	2°20	21°45	28°27	21°40	15°R36	13°55	16°34	n.a.	F 7
S 8	18 45 54	10°15'34	29°23	21°21	20°18	13°59	13°24	2°27	21°47	28°25	21°42	15°35	13°52	16°41	n.a.	S 8
S 9	18 49 51	11°13'05	11♊55	22°35	20° 0	14°38	13°29	2°33	21°49	28°23	21°43	15°32	13°49	16°47	n.a.	S 9
M10	18 53 47	12°10'39	24°18	23°54	19°44	15°17	13°33	2°40	21°50	28°22	21°45	15°26	13°46	16°54	n.a.	M10
T 11	18 57 44	13° 8'13	6♋31	25°18	19°31	15°56	13°38	2°47	21°52	28°20	21°46	15°18	13°43	17° 1	n.a.	T 11
W12	19 1 40	14° 5'49	18°37	26°47	19°20	16°35	13°42	2°53	21°54	28°19	21°48	15° 8	13°40	17° 7	n.a.	W12
T 13	19 5 37	15° 3'26	0♌37	28°21	19°12	17°14	13°47	3° 0	21°56	28°17	21°49	14°57	13°36	17°14	n.a.	T 13
F 14	19 9 33	16° 1'05	12°32	29°59	19° 6	17°53	13°52	3° 7	21°58	28°16	21°51	14°45	13°33	17°21	n.a.	F 14
S 15	19 13 30	16°58'45	24°24	1♋41	19° 2	18°32	13°58	3°13	22° 0	28°14	21°52	14°35	13°30	17°28	n.a.	S 15
S 16	19 17 26	17°56'26	6♍14	3°26	19°D 1	19°10	14° 3	3°19	22° 2	28°12	21°54	14°26	13°27	17°34	n.a.	S 16
M17	19 21 23	18°54'08	18° 7	5°15	19° 2	19°49	14° 9	3°26	22° 5	28°11	21°55	14°19	13°24	17°41	n.a.	M17
T 18	19 25 20	19°51'51	0♎ 6	7° 6	19° 5	20°27	14°14	3°32	22° 7	28° 9	21°57	14°15	13°21	17°48	n.a.	T 18
W19	19 29 16	20°49'36	12°15	9° 0	19°11	21° 6	14°20	3°38	22° 9	28° 8	21°58	14°13	13°17	17°55	n.a.	W19
T 20	19 33 13	21°47'22	24°39	10°56	19°18	21°44	14°26	3°44	22°11	28° 6	22° 0	14°D13	13°14	18° 1	n.a.	T 20
F 21	19 37 9	22°45'09	7♏23	12°53	19°28	22°22	14°33	3°51	22°14	28° 4	22° 1	14°R13	13°11	18° 8	n.a.	F 21
S 22	19 41 6	23°42'58	20°31	14°51	19°40	23° 0	14°39	3°57	22°16	28° 3	22° 2	14°13	13° 8	18°15	n.a.	S 22
S 23	19 45 2	24°40'48	4♐ 7	16°50	19°54	23°38	14°45	4° 3	22°18	28° 1	22° 4	14°12	13° 5	18°21	n.a.	S 23
M24	19 48 59	25°38'39	18°13	18°50	20°10	24°16	14°52	4° 9	22°21	27°59	22° 5	14° 8	13° 1	18°28	n.a.	M24
T 25	19 52 55	26°36'32	2♑47	20°50	20°28	24°53	14°59	4°14	22°23	27°58	22° 7	14° 2	12°58	18°35	n.a.	T 25
W26	19 56 52	27°34'26	17°44	22°50	20°47	25°31	15° 6	4°20	22°26	27°56	22° 8	13°53	12°55	18°42	n.a.	W26
T 27	20 0 49	28°32'22	2♒56	24°49	21° 9	26° 9	15°13	4°26	22°28	27°54	22° 9	13°43	12°52	18°48	n.a.	T 27
F 28	20 4 45	29°30'20	18°13	26°48	21°32	26°46	15°20	4°32	22°31	27°53	22°11	13°33	12°49	18°55	n.a.	F 28
S 29	20 8 42	0♌28'19	3♓22	28°46	21°57	27°23	15°27	4°37	22°34	27°51	22°12	13°23	12°46	19° 2	n.a.	S 29
S 30	20 12 38	1°26'21	18°15	0♌44	22°24	28° 0	15°34	4°43	22°36	27°50	22°13	13°16	12°42	19° 8	n.a.	S 30
M31	20 16 35	2♌24'24	2♈45	2♌41	22♊52	28♉37	15♎42	4♊48	22♍39	27♑48	22♊15	13♏11	12♏39	19♌15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n41	8s54	5n 4	19n58	2s59	18n 2	5s32	14n 8	0s41	4s 4	1n13	19n25	1s21	4n 1	0n43	21s 5	0s24	23n58	0n31	16s44	16s18	11n21		n.a.
S 2	23 39	4 4	4 43	20 15	2 45	17 53	5 40	14 22	0 40	4 6	1 12	19 26	1 21	4 1	0 43	21 5	0 24	23 58	0 31	16 43	16 17	11 19		n.a.
M 3	23 37	0n53	4 5	20 34	2 30	17 44	5 47	14 35	0 39	4 7	1 12	19 27	1 21	4 0	0 43	21 5	0 24	23 58	0 31	16 42	16 16	11 17		n.a.
T 4	23 34	5 41	3 13	20 53	2 15	17 36	5 53	14 48	0 39	4 9	1 12	19 29	1 21	4 0	0 43	21 6	0 24	23 59	0 31	16 42	16 15	11 15		n.a.
W 5	23 31	10 5	2 11	21 12	2 0	17 28	5 59	15 1	0 38	4 11	1 11	19 30	1 21	3 59	0 43	21 6	0 24	23 59	0 31	16 42	16 15	11 14		n.a.
T 6	23 28	13 53	1 4	21 32	1 45	17 22	6 4	15 14	0 37	4 13	1 11	19 32	1 21	3 58	0 42	21 6	0 24	23 59	0 31	16 42	16 14	11 12		n.a.
F 7	23 24	16 55	0s 6	21 52	1 30	17 16	6 9	15 27	0 37	4 14	1 11	19 33	1 21	3 58	0 42	21 7	0 24	23 59	0 31	16 42	16 13	11 10		n.a.
S 8	23 20	19 4	1 13	22 12	1 15	17 10	6 13	15 39	0 36	4 16	1 11	19 34	1 21	3 57	0 42	21 7	0 24	23 59	0 31	16 42	16 12	11 8		n.a.
S 9	23 15	20 15	2 16	22 31	1 0	17 6	6 16	15 52	0 35	4 18	1 10	19 36	1 21	3 56	0 42	21 7	0 24	23 59	0 31	16 41	16 11	11 6		n.a.
M10	23 10	20 25	3 12	22 50	0 46	17 2	6 18	16 4	0 35	4 20	1 10	19 37	1 21	3 55	0 42	21 8	0 24	24 0	0 32	16 40	16 10	11 4		n.a.
T 11	23 4	19 37	3 57	23 7	0 31	16 59	6 20	16 16	0 34	4 22	1 10	19 38	1 21	3 54	0 42	21 8	0 24	24 0	0 32	16 37	16 9	11 2		n.a.
W12	22 58	17 56	4 32	23 24	0 17	16 57	6 22	16 28	0 33	4 24	1 9	19 40	1 21	3 54	0 42	21 8	0 24	24 0	0 32	16 34	16 8	11 0		n.a.
T 13	22 52	15 29	4 54	23 39	0 4	16 56	6 23	16 40	0 32	4 27	1 9	19 41	1 21	3 53	0 42	21 9	0 24	24 0	0 32	16 31	16 7	10 58		n.a.
F 14	22 45	12 24	5 3	23 52	0n 9	16 55	6 23	16 52	0 32	4 29	1 9	19 42	1 21	3 52	0 42	21 9	0 24	24 0	0 32	16 28	16 6	10 56		n.a.
S 15	22 38	8 51	4 59	24 4	0 21	16 55	6 23	17 3	0 31	4 31	1 9	19 43	1 21	3 51	0 42	21 9	0 24	24 0	0 32	16 24	16 5	10 54		n.a.
S 16	22 31	4 58	4 42	24 13	0 32	16 55	6 22	17 15	0 30	4 34	1 8	19 44	1 21	3 50	0 42	21 10	0 24	24 1	0 32	16 22	16 4	10 52		n.a.
M17	22 23	0 53	4 13	24 20	0 43	16 56	6 21	17 26	0 29	4 36	1 8	19 46	1 22	3 49	0 42	21 10	0 24	24 1	0 32	16 20	16 3	10 50		n.a.
T 18	22 14	3s17	3 32	24 25	0 53	16 58	6 20	17 37	0 29	4 38	1 8	19 47	1 22	3 48	0 42	21 10	0 24	24 1	0 32	16 18	16 2	10 48		n.a.
W19	22 6	7 22	2 41	24 27	1 2	17 0	6 18	17 48	0 28	4 41	1 8	19 48	1 22	3 48	0 42	21 11	0 24	24 1	0 32	16 18	16 1	10 46		n.a.
T 20	21 56	11 15	1 42	24 26	1 10	17 3	6 16	17 59	0 27	4 44	1 7	19 49	1 22	3 47	0 42	21 11	0 24	24 1	0 32	16 18	16 0	10 44		n.a.
F 21	21 47	14 43	0 36	24 23	1 17	17 6	6 13	18 10	0 26	4 46	1 7	19 50	1 22	3 46	0 42	21 11	0 24	24 1	0 32	16 18	15 59	10 42		n.a.
S 22	21 37	17 34	0n33	24 17	1 24	17 10	6 10	18 20	0 26	4 49	1 7	19 51	1 22	3 45	0 42	21 12	0 24	24 1	0 32	16 18	15 58	10 40		n.a.
S 23	21 27	19 32	1 44	24 8	1 30	17 14	6 7	18 30	0 25	4 52	1 6	19 52	1 22	3 44	0 42	21 12	0 24	24 2	0 32	16 17	15 57	10 38		n.a.
M24	21 16	20 23	2 50	23 57	1 35	17 19	6 4	18 41	0 24	4 55	1 6	19 54	1 22	3 43	0 42	21 12	0 24	24 2	0 32	16 16	15 56	10 36		n.a.
T 25	21 5	19 55	3 47	23 43	1 39	17 24	6 0	18 51	0 23	4 57	1 6	19 55	1 22	3 42	0 42	21 13	0 24	24 2	0 33	16 14	15 55	10 34		n.a.
W26	20 54	18 4	4 31	23 27	1 42	17 29	5 56	19 1	0 22	5 0	1 6	19 56	1 22	3 41	0 42	21 13	0 24	24 2	0 33	16 12	15 54	10 32		n.a.
T 27	20 42	14 56	4 56	23 8	1 44	17 35	5 52	19 10	0 21	5 3	1 5	19 57	1 22	3 40	0 42	21 13	0 24	24 2	0 33	16 9	15 53	10 30		n.a.
F 28	20 30	10 48	5 0	22 47	1 46	17 40	5 48	19 20	0 21	5 6	1 5	19 58	1 22	3 38	0 42	21 14	0 24	24 2	0 33	16 6	15 52	10 28		n.a.
S 29	20 18	6 0	4 43	22 24	1 47	17 47	5 43	19 30	0 20	5 9	1 5	19 59	1 22	3 37	0 42	21 14	0 24	24 3	0 33	16 3	15 51	10 26		n.a.
S 30	20 5	0 55	4 7	21 59	1 47	17 53	5 38	19 39	0 19	5 13	1 5	20 0	1 22	3 36	0 42	21 15	0 24	24 3	0 33	16 1	15 50	10 24		n.a.
M31	19n52	4n 6	3n16	21n32	1n47	17n59	5s33	19n48	0s18	5s16	1n 4	20n 1	1s22	3n35	0n42	21s15	0s24	24n 3	0n33	15s59	15s49	10n22		n.a.

Julian Day Number = 1613490.5, Delta T = 03h51m50s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°09'04, Lahiri = - 8°02'03 Julian Calendar 1 July 296 BCE == Greg. Calendar 27 June 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

AUGUST 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 20 31	3♌22'29	16♈48	4♌37	23♊22	29♉14	15♎50	4♊53	22♍42	27°R46	22♊16	13°R 8	12♏36	19♌22	n.a.	T 1
W 2	20 24 28	4°20'37	0♉25	6°31	23°53	29°51	15°57	4°59	22°45	27♑45	22°17	13°D 7	12°33	19°29	n.a.	W 2
T 3	20 28 24	5°18'47	13°37	8°25	24°26	0♊28	16° 5	5° 4	22°47	27°43	22°18	13°R 7	12°30	19°35	n.a.	T 3
F 4	20 32 21	6°16'59	26°28	10°18	25° 0	1° 5	16°13	5° 9	22°50	27°41	22°20	13♏ 7	12°27	19°42	n.a.	F 4
S 5	20 36 18	7°15'13	9♊ 2	12° 9	25°35	1°41	16°22	5°14	22°53	27°40	22°21	13° 5	12°23	19°49	n.a.	S 5
S 6	20 40 14	8°13'29	21°23	14° 0	26°12	2°17	16°30	5°19	22°56	27°38	22°22	13° 0	12°20	19°56	n.a.	S 6
M 7	20 44 11	9°11'47	3♋33	15°49	26°49	2°54	16°38	5°24	22°59	27°37	22°23	12°53	12°17	20° 2	n.a.	M 7
T 8	20 48 7	10°10'07	15°36	17°37	27°28	3°30	16°47	5°29	23° 2	27°35	22°24	12°43	12°14	20° 9	n.a.	T 8
W 9	20 52 4	11° 8'30	27°34	19°23	28° 9	4° 6	16°56	5°34	23° 5	27°33	22°25	12°30	12°11	20°16	n.a.	W 9
T 10	20 56 0	12° 6'54	9♌29	21° 9	28°50	4°42	17° 4	5°38	23° 8	27°32	22°27	12°16	12° 7	20°22	n.a.	T 10
F 11	20 59 57	13° 5'20	21°21	22°54	29°32	5°17	17°13	5°43	23°11	27°30	22°28	12° 1	12° 4	20°29	n.a.	F 11
S 12	21 3 53	14° 3'49	3♍12	24°37	0♋15	5°53	17°22	5°47	23°14	27°29	22°29	11°48	12° 1	20°36	n.a.	S 12
S 13	21 7 50	15° 2'19	15° 5	26°19	1° 0	6°29	17°32	5°52	23°18	27°27	22°30	11°36	11°58	20°43	n.a.	S 13
M14	21 11 46	16° 0'51	27° 0	28° 1	1°45	7° 4	17°41	5°56	23°21	27°26	22°31	11°27	11°55	20°49	n.a.	M14
T 15	21 15 43	16°59'24	9♎ 0	29°41	2°31	7°39	17°50	6° 0	23°24	27°24	22°32	11°21	11°52	20°56	n.a.	T 15
W16	21 19 40	17°58'00	21°10	1♍20	3°18	8°14	18° 0	6° 4	23°27	27°22	22°33	11°18	11°48	21° 3	n.a.	W16
T 17	21 23 36	18°56'37	3♏33	2°58	4° 6	8°49	18° 9	6° 8	23°30	27°21	22°34	11°16	11°45	21° 9	n.a.	T 17
F 18	21 27 33	19°55'17	16°13	4°35	4°54	9°24	18°19	6°12	23°34	27°19	22°35	11°16	11°42	21°16	n.a.	F 18
S 19	21 31 29	20°53'58	29°15	6°11	5°44	9°59	18°29	6°16	23°37	27°18	22°36	11°16	11°39	21°23	n.a.	S 19
S 20	21 35 26	21°52'41	12♐44	7°46	6°34	10°33	18°39	6°20	23°40	27°17	22°37	11°15	11°36	21°30	n.a.	S 20
M21	21 39 22	22°51'26	26°42	9°20	7°25	11° 7	18°49	6°24	23°44	27°15	22°38	11°11	11°33	21°36	n.a.	M21
T 22	21 43 19	23°50'12	11♑ 9	10°52	8°16	11°42	18°59	6°27	23°47	27°14	22°39	11° 5	11°29	21°43	n.a.	T 22
W23	21 47 15	24°49'01	26° 1	12°24	9° 8	12°16	19° 9	6°31	23°51	27°12	22°39	10°57	11°26	21°50	n.a.	W23
T 24	21 51 12	25°47'51	11♒13	13°55	10° 1	12°50	19°19	6°34	23°54	27°11	22°40	10°47	11°23	21°57	n.a.	T 24
F 25	21 55 9	26°46'43	26°34	15°25	10°55	13°23	19°30	6°37	23°57	27° 9	22°41	10°36	11°20	22° 3	n.a.	F 25
S 26	21 59 5	27°45'38	11♓52	16°54	11°49	13°57	19°40	6°41	24° 1	27° 8	22°42	10°26	11°17	22°10	n.a.	S 26
S 27	22 3 2	28°44'34	26°56	18°22	12°44	14°31	19°51	6°44	24° 4	27° 7	22°43	10°18	11°13	22°17	n.a.	S 27
M28	22 6 58	29°43'33	11♈38	19°49	13°39	15° 4	20° 1	6°47	24° 8	27° 5	22°44	10°13	11°10	22°23	n.a.	M28
T 29	22 10 55	0♍42'35	25°52	21°15	14°35	15°37	20°12	6°50	24°11	27° 4	22°44	10°10	11° 7	22°30	n.a.	T 29
W30	22 14 51	1°41'38	9♉37	22°40	15°32	16°10	20°23	6°52	24°15	27° 3	22°45	10°D 9	11° 4	22°37	n.a.	W30
T 31	22 18 48	2♍40'45	22♉54	24♍ 4	16♋29	16♊43	20♎34	6♊55	24♍19	27♑ 2	22♊46	10♏10	11♏ 1	22♌44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n38	8n45	2n14	21n 4	1n46	18n 6	5s28	19n57	0s17	5s19	1n 4	20n 2	1s22	3n34	0n42	21s15	0s24	24n 3	0n33	15s58	15s48	10n20			n.a.
W 2	19 24	12 48	1 7	20 33	1 45	18 12	5 23	20 6	0 16	5 22	1 4	20 2	1 22	3 33	0 42	21 16	0 24	24 3	0 33	15 58	15 47	10 18			n.a.
T 3	19 10	16 5	0s 3	20 2	1 43	18 19	5 18	20 15	0 15	5 25	1 4	20 3	1 22	3 32	0 41	21 16	0 24	24 3	0 33	15 58	15 46	10 16			n.a.
F 4	18 56	18 28	1 10	19 29	1 40	18 26	5 12	20 23	0 15	5 29	1 3	20 4	1 22	3 31	0 41	21 16	0 24	24 3	0 33	15 58	15 45	10 14			n.a.
S 5	18 41	19 54	2 12	18 55	1 38	18 33	5 7	20 32	0 14	5 32	1 3	20 5	1 22	3 29	0 41	21 17	0 24	24 4	0 33	15 57	15 44	10 12			n.a.
S 6	18 26	20 20	3 7	18 20	1 34	18 40	5 1	20 40	0 13	5 36	1 3	20 6	1 22	3 28	0 41	21 17	0 24	24 4	0 33	15 56	15 43	10 10			n.a.
M 7	18 10	19 48	3 53	17 44	1 30	18 46	4 55	20 48	0 12	5 39	1 3	20 7	1 22	3 27	0 41	21 17	0 24	24 4	0 34	15 54	15 43	10 9			n.a.
T 8	17 55	18 23	4 27	17 6	1 26	18 53	4 49	20 56	0 11	5 43	1 3	20 8	1 22	3 26	0 41	21 18	0 24	24 4	0 34	15 50	15 42	10 7			n.a.
W 9	17 38	16 10	4 49	16 29	1 22	18 59	4 44	21 3	0 10	5 46	1 2	20 8	1 22	3 24	0 41	21 18	0 24	24 4	0 34	15 47	15 41	10 5			n.a.
T 10	17 22	13 17	4 59	15 50	1 17	19 6	4 38	21 11	0 9	5 50	1 2	20 9	1 22	3 23	0 41	21 18	0 24	24 4	0 34	15 42	15 40	10 3			n.a.
F 11	17 5	9 54	4 55	15 11	1 12	19 12	4 31	21 19	0 8	5 54	1 2	20 10	1 22	3 22	0 41	21 19	0 24	24 4	0 34	15 38	15 39	10 1			n.a.
S 12	16 48	6 7	4 39	14 31	1 6	19 18	4 25	21 26	0 7	5 57	1 2	20 11	1 23	3 21	0 41	21 19	0 24	24 5	0 34	15 33	15 38	9 59			n.a.
S 13	16 31	2 6	4 11	13 51	1 1	19 24	4 19	21 33	0 6	6 1	1 1	20 11	1 23	3 19	0 41	21 19	0 24	24 5	0 34	15 30	15 37	9 57			n.a.
M14	16 14	2s 1	3 31	13 10	0 55	19 30	4 13	21 40	0 5	6 5	1 1	20 12	1 23	3 18	0 41	21 19	0 24	24 5	0 34	15 27	15 36	9 55			n.a.
T 15	15 56	6 5	2 42	12 29	0 49	19 36	4 7	21 47	0 4	6 9	1 1	20 13	1 23	3 17	0 41	21 20	0 24	24 5	0 34	15 25	15 35	9 53			n.a.
W16	15 38	9 58	1 44	11 48	0 42	19 41	4 1	21 53	0 3	6 12	1 1	20 13	1 23	3 15	0 41	21 20	0 24	24 5	0 34	15 24	15 34	9 51			n.a.
T 17	15 20	13 29	0 41	11 6	0 36	19 46	3 54	22 0	0 2	6 16	1 1	20 14	1 23	3 14	0 41	21 20	0 24	24 5	0 34	15 24	15 33	9 49			n.a.
F 18	15 1	16 28	0n26	10 24	0 29	19 50	3 48	22 6	0 1	6 20	1 0	20 15	1 23	3 13	0 41	21 21	0 24	24 5	0 34	15 24	15 32	9 47			n.a.
S 19	14 42	18 43	1 34	9 42	0 22	19 55	3 42	22 13	0 0	6 24	1 0	20 15	1 23	3 11	0 41	21 21	0 24	24 6	0 34	15 24	15 31	9 45			n.a.
S 20	14 23	19 59	2 38	9 0	0 16	19 59	3 35	22 19	0n 1	6 28	1 0	20 16	1 23	3 10	0 41	21 21	0 24	24 6	0 34	15 23	15 30	9 43			n.a.
M21	14 4	20 5	3 36	8 18	0 8	20 3	3 29	22 25	0 2	6 32	1 0	20 16	1 23	3 9	0 41	21 22	0 24	24 6	0 35	15 22	15 29	9 41			n.a.
T 22	13 44	18 55	4 22	7 36	0 1	20 6	3 22	22 30	0 3	6 36	1 0	20 17	1 23	3 7	0 41	21 22	0 24	24 6	0 35	15 20	15 28	9 39			n.a.
W23	13 24	16 26	4 51	6 54	0s 6	20 9	3 16	22 36	0 4	6 40	0 59	20 18	1 23	3 6	0 41	21 22	0 24	24 6	0 35	15 17	15 27	9 37			n.a.
T 24	13 4	12 48	5 1	6 12	0 13	20 12	3 10	22 41	0 5	6 44	0 59	20 18	1 23	3 5	0 41	21 22	0 24	24 6	0 35	15 14	15 26	9 35			n.a.
F 25	12 44	8 16	4 50	5 30	0 21	20 14	3 3	22 47	0 6	6 49	0 59	20 19	1 23	3 3	0 41	21 23	0 24	24 6	0 35	15 11	15 25	9 33			n.a.
S 26	12 24	3 14	4 18	4 48	0 28	20 15	2 57	22 52	0 7	6 53	0 59	20 19	1 23	3 2	0 41	21 23	0 24	24 6	0 35	15 8	15 24	9 31			n.a.
S 27	12 3	1n56	3 28	4 6	0 36	20 17	2 51	22 57	0 8	6 57	0 59	20 19	1 23	3 0	0 41	21 23	0 24	24 7	0 35	15 5	15 23	9 29			n.a.
M28	11 42	6 53	2 25	3 25	0 43	20 18	2 44	23 2	0 9	7 1	0 58	20 20	1 24	2 59	0 41	21 24	0 24	24 7	0 35	15 4	15 22	9 27			n.a.
T 29	11 21	11 17	1 15	2 44	0 51	20 18	2 38	23 7	0 10	7 5	0 58	20 20	1 24	2 57	0 41	21 24	0 24	24 7	0 35	15 3	15 21	9 25			n.a.
W30	11 0	14 55	0 3	2 3	0 59	20 18	2 32	23 11	0 11	7 10	0 58	20 21	1 24	2 56	0 41	21 24	0 24	24 7	0 35	15 2	15 20	9 23			n.a.
T 31	10n39	17n38	1s 7	1n22	1s 6	20n18	2s25	23n16	0n13	7s14	0n58	20n21	1s24	2n55	0n41	21s24	0s24	24n 7	0n35	15s 3	15s19	9n21			n.a.

Julian Day Number = 1613521.5, Delta T = 03h51m49s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'59, Lahiri = - 8°01'59 Julian Calendar 1 Aug. 296 BCE == Greg. Calendar 28 July 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

SEPTEMBER 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 22 44	3♍39'53	5♊47	25♍27	17♋26	17♊15	20♎45	6♊58	24♍22	27°R 0	22♊46	10°R10	10♏58	22♌50	n.a.	F 1
S 2	22 26 41	4°39'04	18°19	26°49	18°24	17°48	20°56	7° 0	24°26	26♑59	22°47	10♏ 9	10°54	22°57	n.a.	S 2
S 3	22 30 38	5°38'18	0♋35	28° 9	19°23	18°20	21° 7	7° 3	24°29	26°58	22°48	10° 6	10°51	23° 4	n.a.	S 3
M 4	22 34 34	6°37'34	12°40	29°29	20°22	18°52	21°18	7° 5	24°33	26°57	22°48	10° 0	10°48	23°10	n.a.	M 4
T 5	22 38 31	7°36'52	24°38	0♎47	21°21	19°24	21°30	7° 7	24°37	26°56	22°49	9°52	10°45	23°17	n.a.	T 5
W 6	22 42 27	8°36'13	6♌31	2° 3	22°21	19°56	21°41	7° 9	24°40	26°54	22°49	9°42	10°42	23°24	n.a.	W 6
T 7	22 46 24	9°35'36	18°22	3°19	23°22	20°27	21°52	7°11	24°44	26°53	22°50	9°31	10°38	23°31	n.a.	T 7
F 8	22 50 20	10°35'01	0♍14	4°33	24°22	20°59	22° 4	7°13	24°48	26°52	22°50	9°19	10°35	23°37	n.a.	F 8
S 9	22 54 17	11°34'28	12° 8	5°45	25°24	21°30	22°16	7°15	24°51	26°51	22°51	9° 8	10°32	23°44	n.a.	S 9
S 10	22 58 13	12°33'57	24° 6	6°56	26°25	22° 1	22°27	7°16	24°55	26°50	22°51	8°58	10°29	23°51	n.a.	S 10
M11	23 2 10	13°33'29	6♎ 8	8° 4	27°27	22°32	22°39	7°18	24°59	26°49	22°52	8°51	10°26	23°58	n.a.	M11
T 12	23 6 6	14°33'03	18°17	9°11	28°29	23° 2	22°51	7°19	25° 3	26°48	22°52	8°46	10°23	24° 4	n.a.	T 12
W13	23 10 3	15°32'38	0♏34	10°15	29°32	23°32	23° 3	7°20	25° 6	26°47	22°53	8°44	10°19	24°11	n.a.	W13
T 14	23 14 0	16°32'16	13° 3	11°18	0♌35	24° 3	23°15	7°22	25°10	26°46	22°53	8°D43	10°16	24°18	n.a.	T 14
F 15	23 17 56	17°31'55	25°47	12°17	1°38	24°32	23°27	7°23	25°14	26°45	22°53	8°44	10°13	24°24	n.a.	F 15
S 16	23 21 53	18°31'37	8♐49	13°14	2°42	25° 2	23°39	7°24	25°18	26°44	22°54	8°45	10°10	24°31	n.a.	S 16
S 17	23 25 49	19°31'20	22°12	14° 7	3°45	25°32	23°51	7°24	25°21	26°44	22°54	8°R46	10° 7	24°38	n.a.	S 17
M18	23 29 46	20°31'05	6♑ 0	14°58	4°50	26° 1	24° 3	7°25	25°25	26°43	22°54	8°45	10° 4	24°45	n.a.	M18
T 19	23 33 42	21°30'52	20°12	15°44	5°54	26°30	24°16	7°26	25°29	26°42	22°54	8°42	10° 0	24°51	n.a.	T 19
W20	23 37 39	22°30'40	4♒48	16°26	6°59	26°58	24°28	7°26	25°33	26°41	22°55	8°37	9°57	24°58	n.a.	W20
T 21	23 41 35	23°30'31	19°44	17° 3	8° 4	27°27	24°40	7°27	25°37	26°41	22°55	8°30	9°54	25° 5	n.a.	T 21
F 22	23 45 32	24°30'23	4♓50	17°36	9°10	27°55	24°53	7°27	25°40	26°40	22°55	8°23	9°51	25°11	n.a.	F 22
S 23	23 49 28	25°30'17	19°59	18° 3	10°15	28°23	25° 5	7°27	25°44	26°39	22°55	8°17	9°48	25°18	n.a.	S 23
S 24	23 53 25	26°30'13	5♈ 0	18°23	11°21	28°51	25°18	7°R27	25°48	26°39	22°55	8°12	9°44	25°25	n.a.	S 24
M25	23 57 22	27°30'11	19°43	18°37	12°27	29°18	25°30	7°27	25°52	26°38	22°55	8° 8	9°41	25°32	n.a.	M25
T 26	0 1 18	28°30'12	4♉ 3	18°R43	13°34	29°46	25°43	7°27	25°55	26°37	22°55	8°D 7	9°38	25°38	n.a.	T 26
W27	0 5 15	29°30'14	17°56	18°42	14°40	0♋12	25°56	7°27	25°59	26°37	22°56	8° 7	9°35	25°45	n.a.	W27
T 28	0 9 11	0♎30'19	1♊20	18°32	15°47	0°39	26° 8	7°26	26° 3	26°36	22°R56	8° 9	9°32	25°52	n.a.	T 28
F 29	0 13 8	1°30'26	14°19	18°13	16°55	1° 6	26°21	7°26	26° 7	26°36	22°56	8°10	9°29	25°58	n.a.	F 29
S 30	0 17 4	2♎30'35	26♊56	17♎44	18♌ 2	1♋32	26♎34	7♊25	26♍11	26♑35	22♊55	8°R11	9♏25	26♌ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n17	19n22	2s12	0n42	1s14	20n17	2s19	23n20	0n14	7s18	0n58	20n22	1s24	2n53	0n41	21s25	0s24	24n 7	0n35	15s 3	15s18	9n19		n.a.
S 2	9 55	20 5	3 8	0 3	1 21	20 15	2 13	23 24	0 15	7 23	0 57	20 22	1 24	2 52	0 41	21 25	0 24	24 7	0 35	15 2	15 17	9 17		n.a.
S 3	9 33	19 49	3 55	0s37	1 29	20 13	2 7	23 28	0 16	7 27	0 57	20 22	1 24	2 50	0 41	21 25	0 24	24 7	0 36	15 1	15 16	9 15		n.a.
M 4	9 11	18 38	4 30	1 15	1 36	20 10	2 1	23 32	0 17	7 32	0 57	20 23	1 24	2 49	0 41	21 25	0 24	24 7	0 36	15 0	15 15	9 13		n.a.
T 5	8 49	16 39	4 53	1 53	1 43	20 7	1 55	23 36	0 18	7 36	0 57	20 23	1 24	2 47	0 41	21 25	0 24	24 8	0 36	14 57	15 14	9 11		n.a.
W 6	8 27	13 59	5 3	2 31	1 50	20 4	1 49	23 40	0 19	7 40	0 57	20 23	1 24	2 46	0 41	21 26	0 24	24 8	0 36	14 54	15 13	9 9		n.a.
T 7	8 4	10 45	5 0	3 8	1 57	20 0	1 43	23 43	0 21	7 45	0 57	20 23	1 24	2 44	0 41	21 26	0 24	24 8	0 36	14 50	15 12	9 7		n.a.
F 8	7 41	7 6	4 44	3 44	2 4	19 55	1 37	23 47	0 22	7 49	0 56	20 24	1 24	2 43	0 41	21 26	0 24	24 8	0 36	14 46	15 11	9 5		n.a.
S 9	7 18	3 10	4 15	4 19	2 11	19 50	1 31	23 50	0 23	7 54	0 56	20 24	1 24	2 41	0 41	21 26	0 24	24 8	0 36	14 43	15 10	9 3		n.a.
S 10	6 55	0s55	3 35	4 53	2 18	19 44	1 25	23 53	0 24	7 59	0 56	20 24	1 24	2 40	0 41	21 27	0 24	24 8	0 36	14 40	15 9	9 1		n.a.
M11	6 32	4 59	2 46	5 26	2 24	19 38	1 19	23 56	0 26	8 3	0 56	20 24	1 25	2 38	0 41	21 27	0 24	24 8	0 36	14 37	15 8	8 59		n.a.
T 12	6 9	8 54	1 48	5 59	2 30	19 31	1 13	23 59	0 27	8 8	0 56	20 24	1 25	2 37	0 41	21 27	0 24	24 8	0 36	14 36	15 7	8 57		n.a.
W13	5 46	12 29	0 44	6 30	2 36	19 24	1 8	24 2	0 28	8 12	0 56	20 24	1 25	2 35	0 41	21 27	0 24	24 8	0 36	14 35	15 6	8 55		n.a.
T 14	5 23	15 34	0n23	6 59	2 42	19 16	1 2	24 5	0 29	8 17	0 55	20 25	1 25	2 34	0 41	21 27	0 24	24 9	0 36	14 35	15 5	8 53		n.a.
F 15	4 59	17 58	1 31	7 28	2 47	19 7	0 56	24 8	0 31	8 22	0 55	20 25	1 25	2 32	0 41	21 28	0 24	24 9	0 37	14 35	15 4	8 51		n.a.
S 16	4 35	19 29	2 35	7 55	2 52	18 58	0 51	24 10	0 32	8 26	0 55	20 25	1 25	2 31	0 41	21 28	0 24	24 9	0 37	14 35	15 3	8 49		n.a.
S 17	4 12	19 58	3 33	8 20	2 56	18 49	0 45	24 13	0 33	8 31	0 55	20 25	1 25	2 29	0 41	21 28	0 24	24 9	0 37	14 36	15 2	8 47		n.a.
M18	3 48	19 16	4 20	8 43	3 0	18 39	0 40	24 15	0 35	8 36	0 55	20 25	1 25	2 28	0 41	21 28	0 24	24 9	0 37	14 35	15 1	8 44		n.a.
T 19	3 24	17 22	4 53	9 4	3 3	18 28	0 35	24 17	0 36	8 40	0 55	20 25	1 25	2 26	0 41	21 28	0 24	24 9	0 37	14 34	15 0	8 42		n.a.
W20	3 0	14 19	5 8	9 23	3 6	18 17	0 29	24 19	0 37	8 45	0 55	20 25	1 25	2 25	0 41	21 28	0 24	24 9	0 37	14 33	14 59	8 40		n.a.
T 21	2 36	10 18	5 3	9 40	3 8	18 5	0 24	24 21	0 39	8 50	0 54	20 25	1 25	2 23	0 41	21 28	0 24	24 9	0 37	14 31	14 58	8 38		n.a.
F 22	2 12	5 34	4 36	9 54	3 9	17 53	0 19	24 23	0 40	8 54	0 54	20 25	1 25	2 22	0 41	21 29	0 24	24 9	0 37	14 28	14 57	8 36		n.a.
S 23	1 48	0 29	3 51	10 4	3 10	17 40	0 14	24 25	0 42	8 59	0 54	20 25	1 25	2 20	0 41	21 29	0 24	24 9	0 37	14 26	14 56	8 34		n.a.
S 24	1 24	4n36	2 50	10 12	3 9	17 26	0 9	24 27	0 43	9 4	0 54	20 25	1 25	2 19	0 41	21 29	0 24	24 9	0 37	14 24	14 54	8 32		n.a.
M25	1 0	9 19	1 38	10 16	3 7	17 12	0 4	24 28	0 45	9 9	0 54	20 25	1 25	2 17	0 41	21 29	0 24	24 10	0 37	14 23	14 53	8 30		n.a.
T 26	0 36	13 22	0 22	10 15	3 4	16 58	0n 1	24 30	0 46	9 13	0 54	20 25	1 26	2 16	0 41	21 29	0 24	24 10	0 37	14 23	14 52	8 28		n.a.
W27	0 12	16 32	0s53	10 11	3 0	16 43	0 5	24 31	0 47	9 18	0 54	20 25	1 26	2 14	0 41	21 29	0 24	24 10	0 37	14 23	14 51	8 26		n.a.
T 28	0s12	18 40	2 3	10 2	2 54	16 27	0 10	24 33	0 49	9 23	0 53	20 24	1 26	2 12	0 41	21 29	0 24	24 10	0 38	14 23	14 50	8 24		n.a.
F 29	0 36	19 45	3 4	9 48	2 47	16 11	0 15	24 34	0 50	9 28	0 53	20 24	1 26	2 11	0 41	21 29	0 24	24 10	0 38	14 24	14 49	8 22		n.a.
S 30	1s 1	19n47	3s55	9s28	2s38	15n55	0n19	24n35	0n52	9s33	0n53	20n24	1s26	2n 9	0n41	21s29	0s24	24n10	0n38	14s24	14s48	8n20		n.a.

Julian Day Number = 1613552.5, Delta T = 03h51m48s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'55, Lahiri = - 8°01'55 Julian Calendar 1 Sept. 296 BCE == Greg. Calendar 28 Aug. 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

OCTOBER 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 21 1	3♎30'47	9♋14	17°R 6	19♌10	1♋57	26♎47	7°R24	26♍14	26°R35	22°R55	8°R11	9♏22	26♌12	n.a.	S 1
M 2	0 24 57	4°31'01	21°20	16♎19	20°17	2°23	27° 0	7♊23	26°18	26♑35	22♊55	8♏10	9°19	26°19	n.a.	M 2
T 3	0 28 54	5°31'17	3♌16	15°23	21°25	2°48	27°13	7°23	26°22	26°34	22°55	8° 7	9°16	26°25	n.a.	T 3
W 4	0 32 51	6°31'34	15° 8	14°19	22°34	3°13	27°26	7°21	26°26	26°34	22°55	8° 2	9°13	26°32	n.a.	W 4
T 5	0 36 47	7°31'54	26°59	13° 8	23°42	3°38	27°39	7°20	26°29	26°34	22°55	7°57	9° 9	26°39	n.a.	T 5
F 6	0 40 44	8°32'16	8♍53	11°52	24°51	4° 2	27°52	7°19	26°33	26°33	22°55	7°51	9° 6	26°45	n.a.	F 6
S 7	0 44 40	9°32'40	20°51	10°34	26° 0	4°26	28° 5	7°18	26°37	26°33	22°55	7°46	9° 3	26°52	n.a.	S 7
S 8	0 48 37	10°33'06	2♎56	9°15	27° 9	4°49	28°18	7°16	26°40	26°33	22°54	7°42	9° 0	26°59	n.a.	S 8
M 9	0 52 33	11°33'34	15°10	7°58	28°18	5°12	28°31	7°14	26°44	26°33	22°54	7°39	8°57	27° 6	n.a.	M 9
T 10	0 56 30	12°34'03	27°33	6°45	29°27	5°35	28°44	7°13	26°48	26°33	22°54	7°37	8°54	27°12	n.a.	T 10
W11	1 0 26	13°34'34	10♏ 6	5°40	0♍37	5°58	28°58	7°11	26°52	26°33	22°53	7°D36	8°50	27°19	n.a.	W11
T 12	1 4 23	14°35'07	22°51	4°43	1°47	6°20	29°11	7° 9	26°55	26°33	22°53	7°37	8°47	27°26	n.a.	T 12
F 13	1 8 20	15°35'41	5♐49	3°56	2°56	6°41	29°24	7° 7	26°59	26°D33	22°53	7°39	8°44	27°32	n.a.	F 13
S 14	1 12 16	16°36'17	19° 2	3°21	4° 6	7° 3	29°38	7° 5	27° 3	26°33	22°52	7°40	8°41	27°39	n.a.	S 14
S 15	1 16 13	17°36'54	2♑30	2°57	5°17	7°23	29°51	7° 2	27° 6	26°33	22°52	7°41	8°38	27°46	n.a.	S 15
M16	1 20 9	18°37'32	16°15	2°45	6°27	7°44	0♏ 4	7° 0	27°10	26°33	22°51	7°R42	8°35	27°53	n.a.	M16
T 17	1 24 6	19°38'12	0♒17	2°D45	7°37	8° 4	0°18	6°57	27°13	26°33	22°51	7°42	8°31	27°59	n.a.	T 17
W18	1 28 2	20°38'53	14°35	2°55	8°48	8°24	0°31	6°55	27°17	26°33	22°51	7°41	8°28	28° 6	n.a.	W18
T 19	1 31 59	21°39'35	29° 6	3°15	9°59	8°43	0°44	6°52	27°20	26°33	22°50	7°39	8°25	28°13	n.a.	T 19
F 20	1 35 55	22°40'18	13♓47	3°45	11°10	9° 2	0°58	6°49	27°24	26°33	22°49	7°37	8°22	28°19	n.a.	F 20
S 21	1 39 52	23°41'03	28°31	4°22	12°21	9°20	1°11	6°47	27°27	26°34	22°49	7°35	8°19	28°26	n.a.	S 21
S 22	1 43 48	24°41'49	13♈11	5° 8	13°32	9°38	1°25	6°44	27°31	26°34	22°48	7°34	8°15	28°33	n.a.	S 22
M23	1 47 45	25°42'36	27°40	6° 0	14°43	9°55	1°38	6°41	27°34	26°34	22°48	7°33	8°12	28°40	n.a.	M23
T 24	1 51 42	26°43'24	11♉51	6°57	15°54	10°12	1°52	6°37	27°38	26°35	22°47	7°D33	8° 9	28°46	n.a.	T 24
W25	1 55 38	27°44'14	25°42	8° 0	17° 6	10°29	2° 5	6°34	27°41	26°35	22°46	7°33	8° 6	28°53	n.a.	W25
T 26	1 59 35	28°45'06	9♊10	9° 7	18°18	10°45	2°19	6°31	27°45	26°35	22°46	7°34	8° 3	29° 0	n.a.	T 26
F 27	2 3 31	29°45'59	22°13	10°18	19°29	11° 0	2°32	6°27	27°48	26°36	22°45	7°35	8° 0	29° 6	n.a.	F 27
S 28	2 7 28	0♏46'54	4♋55	11°32	20°41	11°15	2°46	6°24	27°51	26°36	22°44	7°35	7°56	29°13	n.a.	S 28
S 29	2 11 24	1°47'50	17°18	12°49	21°53	11°29	2°59	6°20	27°55	26°37	22°44	7°36	7°53	29°20	n.a.	S 29
M30	2 15 21	2°48'47	29°27	14° 8	23° 5	11°43	3°13	6°17	27°58	26°38	22°43	7°R36	7°50	29°27	n.a.	M30
T 31	2 19 18	3♏49'46	11♌25	15♎30	24♍17	11♋56	3♏26	6♊13	28♍ 1	26♑38	22♊42	7♏36	7♏47	29♌33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s25	18n52	4s33	9s 4	2s27	15n38	0n23	24n36	0n54	9s37	0n53	20n24	1s26	2n 8	0n41	21s30	0s24	24n10	0n38	14s24	14s47	8n18		n.a.
M 2	1 49	17 6	4 59	8 34	2 15	15 20	0 28	24 38	0 55	9 42	0 53	20 24	1 26	2 6	0 41	21 30	0 24	24 10	0 38	14 24	14 46	8 16		n.a.
T 3	2 13	14 37	5 11	7 58	2 0	15 2	0 32	24 39	0 57	9 47	0 53	20 24	1 26	2 5	0 41	21 30	0 24	24 10	0 38	14 23	14 45	8 14		n.a.
W 4	2 37	11 34	5 10	7 18	1 44	14 44	0 36	24 40	0 58	9 52	0 53	20 23	1 26	2 3	0 41	21 30	0 24	24 10	0 38	14 21	14 44	8 12		n.a.
T 5	3 1	8 3	4 55	6 34	1 26	14 25	0 40	24 41	1 0	9 57	0 53	20 23	1 26	2 2	0 41	21 30	0 24	24 10	0 38	14 20	14 43	8 10		n.a.
F 6	3 26	4 12	4 28	5 47	1 7	14 5	0 44	24 42	1 2	10 1	0 53	20 23	1 26	2 0	0 41	21 30	0 24	24 10	0 38	14 18	14 42	8 8		n.a.
S 7	3 50	0 10	3 49	4 57	0 47	13 45	0 48	24 42	1 3	10 6	0 52	20 22	1 26	1 59	0 41	21 30	0 24	24 10	0 38	14 16	14 41	8 6		n.a.
S 8	4 14	3s55	2 59	4 7	0 27	13 25	0 52	24 43	1 5	10 11	0 52	20 22	1 26	1 57	0 41	21 30	0 24	24 11	0 38	14 15	14 40	8 4		n.a.
M 9	4 38	7 53	2 0	3 17	0 6	13 4	0 55	24 44	1 7	10 16	0 52	20 22	1 26	1 56	0 41	21 30	0 24	24 11	0 38	14 14	14 39	8 2		n.a.
T 10	5 1	11 35	0 55	2 29	0n14	12 43	0 59	24 45	1 8	10 21	0 52	20 22	1 26	1 54	0 41	21 30	0 24	24 11	0 39	14 13	14 38	8 0		n.a.
W11	5 25	14 48	0n14	1 45	0 34	12 21	1 2	24 46	1 10	10 26	0 52	20 21	1 26	1 53	0 41	21 30	0 24	24 11	0 39	14 13	14 37	7 58		n.a.
T 12	5 49	17 22	1 23	1 6	0 52	11 59	1 6	24 46	1 12	10 30	0 52	20 21	1 26	1 52	0 41	21 30	0 24	24 11	0 39	14 13	14 36	7 56		n.a.
F 13	6 13	19 5	2 29	0 32	1 9	11 37	1 9	24 47	1 14	10 35	0 52	20 20	1 26	1 50	0 41	21 30	0 24	24 11	0 39	14 14	14 35	7 54		n.a.
S 14	6 36	19 48	3 29	0 3	1 24	11 14	1 12	24 48	1 15	10 40	0 52	20 20	1 26	1 49	0 41	21 30	0 24	24 11	0 39	14 14	14 34	7 52		n.a.
S 15	7 0	19 24	4 18	0n18	1 38	10 51	1 15	24 48	1 17	10 45	0 52	20 20	1 27	1 47	0 41	21 30	0 24	24 11	0 39	14 15	14 33	7 50		n.a.
M16	7 23	17 52	4 54	0 34	1 49	10 27	1 18	24 49	1 19	10 50	0 51	20 19	1 27	1 46	0 41	21 30	0 24	24 11	0 39	14 15	14 32	7 48		n.a.
T 17	7 46	15 14	5 13	0 43	1 59	10 4	1 21	24 50	1 21	10 55	0 51	20 19	1 27	1 44	0 41	21 30	0 24	24 11	0 39	14 15	14 31	7 46		n.a.
W18	8 9	11 39	5 14	0 46	2 7	9 39	1 24	24 50	1 23	10 59	0 51	20 18	1 27	1 43	0 41	21 30	0 24	24 11	0 39	14 14	14 30	7 44		n.a.
T 19	8 32	7 20	4 54	0 43	2 13	9 15	1 26	24 51	1 25	11 4	0 51	20 18	1 27	1 41	0 41	21 30	0 24	24 11	0 39	14 14	14 29	7 42		n.a.
F 20	8 55	2 32	4 15	0 36	2 18	8 50	1 29	24 52	1 27	11 9	0 51	20 17	1 27	1 40	0 41	21 30	0 24	24 11	0 39	14 13	14 28	7 40		n.a.
S 21	9 18	2n27	3 20	0 23	2 21	8 25	1 31	24 52	1 29	11 14	0 51	20 17	1 27	1 39	0 41	21 30	0 24	24 11	0 39	14 12	14 27	7 38		n.a.
S 22	9 41	7 16	2 11	0 7	2 23	7 59	1 34	24 53	1 31	11 19	0 51	20 16	1 27	1 37	0 41	21 30	0 24	24 11	0 40	14 12	14 26	7 36		n.a.
M23	10 3	11 37	0 55	0s13	2 23	7 34	1 36	24 54	1 33	11 24	0 51	20 16	1 27	1 36	0 41	21 30	0 24	24 11	0 40	14 12	14 25	7 34		n.a.
T 24	10 26	15 12	0s24	0 37	2 23	7 7	1 38	24 54	1 35	11 28	0 51	20 15	1 27	1 35	0 41	21 30	0 24	24 11	0 40	14 12	14 24	7 32		n.a.
W25	10 48	17 49	1 39	1 3	2 22	6 41	1 40	24 55	1 37	11 33	0 51	20 15	1 27	1 33	0 41	21 29	0 24	24 11	0 40	14 12	14 23	7 30		n.a.
T 26	11 10	19 21	2 47	1 31	2 20	6 15	1 42	24 56	1 39	11 38	0 51	20 14	1 27	1 32	0 41	21 29	0 24	24 11	0 40	14 12	14 22	7 28		n.a.
F 27	11 31	19 47	3 43	2 2	2 17	5 48	1 44	24 57	1 41	11 43	0 51	20 13	1 27	1 30	0 41	21 29	0 24	24 12	0 40	14 12	14 21	7 26		n.a.
S 28	11 53	19 11	4 27	2 35	2 13	5 21	1 45	24 57	1 43	11 47	0 50	20 13	1 27	1 29	0 41	21 29	0 24	24 12	0 40	14 13	14 19	7 24		n.a.
S 29	12 15	17 40	4 58	3 9	2 9	4 54	1 47	24 58	1 45	11 52	0 50	20 12	1 27	1 28	0 41	21 29	0 24	24 12	0 40	14 13	14 18	7 22		n.a.
M30	12 36	15 24	5 14	3 44	2 5	4 26	1 49	24 59	1 47	11 57	0 50	20 12	1 27	1 26	0 41	21 29	0 24	24 12	0 40	14 13	14 17	7 19		n.a.
T 31	12s57	12n30	5s17	4s20	2n 0	3n59	1n50	25n 0	1n50	12s 2	0n50	20n11	1s27	1n25	0n41	21s29	0s24	24n12	0n40	14s13	14s16	7n17		n.a.

Julian Day Number = 1613582.5, Delta T = 03h51m47s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'51, Lahiri = - 8°01'51 Julian Calendar 1 Oct. 296 BCE == Greg. Calendar 27 Sept. 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

NOVEMBER 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 23 14	4♏50'46	23♌17	16♎53	25♍30	12♋ 9	3♏40	6°R 9	28♍ 4	26♑39	22°R41	7°R36	7♏44	29♌40	n.a.	W 1
T 2	2 27 11	5°51'48	5♍ 9	18°17	26°42	12°21	3°53	6♊ 5	28° 8	26°39	22♊41	7♏36	7°41	29°47	n.a.	T 2
F 3	2 31 7	6°52'51	17° 4	19°43	27°54	12°33	4° 7	6° 1	28°11	26°40	22°40	7°36	7°37	29°53	n.a.	F 3
S 4	2 35 4	7°53'55	29° 6	21°10	29° 7	12°44	4°21	5°57	28°14	26°41	22°39	7°D35	7°34	0♍ 0	n.a.	S 4
S 5	2 39 0	8°55'00	11♎18	22°37	0♎19	12°54	4°34	5°53	28°17	26°42	22°38	7°36	7°31	0° 7	n.a.	S 5
M 6	2 42 57	9°56'06	23°43	24° 6	1°32	13° 4	4°48	5°49	28°20	26°42	22°37	7°36	7°28	0°14	n.a.	M 6
T 7	2 46 53	10°57'13	6♏22	25°35	2°45	13°13	5° 1	5°45	28°23	26°43	22°36	7°R36	7°25	0°20	n.a.	T 7
W 8	2 50 50	11°58'22	19°16	27° 5	3°58	13°21	5°15	5°40	28°26	26°44	22°35	7°36	7°21	0°27	n.a.	W 8
T 9	2 54 46	12°59'31	2♐25	28°35	5°11	13°29	5°28	5°36	28°29	26°45	22°34	7°35	7°18	0°34	n.a.	T 9
F 10	2 58 43	14° 0'41	15°47	0♏ 5	6°24	13°36	5°42	5°31	28°32	26°46	22°33	7°35	7°15	0°40	n.a.	F 10
S 11	3 2 40	15° 1'51	29°23	1°36	7°37	13°42	5°55	5°27	28°35	26°47	22°32	7°34	7°12	0°47	n.a.	S 11
S 12	3 6 36	16° 3'02	13♑ 9	3° 7	8°50	13°48	6° 9	5°22	28°38	26°48	22°31	7°33	7° 9	0°54	n.a.	S 12
M13	3 10 33	17° 4'13	27° 5	4°39	10° 3	13°53	6°22	5°18	28°41	26°49	22°30	7°32	7° 6	1° 1	n.a.	M13
T 14	3 14 29	18° 5'25	11♒ 8	6°10	11°16	13°57	6°35	5°13	28°44	26°50	22°29	7°31	7° 2	1° 7	n.a.	T 14
W15	3 18 26	19° 6'37	25°18	7°42	12°30	14° 1	6°49	5° 9	28°46	26°51	22°28	7°D31	6°59	1°14	n.a.	W15
T 16	3 22 22	20° 7'49	9♓31	9°14	13°43	14° 3	7° 2	5° 4	28°49	26°52	22°27	7°32	6°56	1°21	n.a.	T 16
F 17	3 26 19	21° 9'01	23°46	10°47	14°56	14° 5	7°16	4°59	28°52	26°53	22°26	7°33	6°53	1°27	n.a.	F 17
S 18	3 30 16	22°10'14	8♈ 0	12°19	16°10	14° 7	7°29	4°54	28°54	26°55	22°25	7°34	6°50	1°34	n.a.	S 18
S 19	3 34 12	23°11'27	22°10	13°52	17°23	14°R 7	7°42	4°49	28°57	26°56	22°24	7°35	6°46	1°41	n.a.	S 19
M20	3 38 9	24°12'40	6♉12	15°25	18°37	14° 7	7°56	4°45	29° 0	26°57	22°23	7°R36	6°43	1°48	n.a.	M20
T 21	3 42 5	25°13'53	20° 2	16°58	19°51	14° 6	8° 9	4°40	29° 2	26°58	22°22	7°35	6°40	1°54	n.a.	T 21
W22	3 46 2	26°15'07	3♊38	18°31	21° 4	14° 4	8°22	4°35	29° 5	27° 0	22°21	7°34	6°37	2° 1	n.a.	W22
T 23	3 49 58	27°16'21	16°56	20° 4	22°18	14° 1	8°35	4°30	29° 7	27° 1	22°20	7°31	6°34	2° 8	n.a.	T 23
F 24	3 53 55	28°17'35	29°56	21°38	23°32	13°58	8°48	4°25	29° 9	27° 2	22°18	7°28	6°31	2°14	n.a.	F 24
S 25	3 57 51	29°18'50	12♋38	23°12	24°46	13°54	9° 2	4°20	29°12	27° 4	22°17	7°25	6°27	2°21	n.a.	S 25
S 26	4 1 48	0♐20'05	25° 3	24°46	26° 0	13°49	9°15	4°15	29°14	27° 5	22°16	7°21	6°24	2°28	n.a.	S 26
M27	4 5 45	1°21'21	7♌14	26°20	27°13	13°43	9°28	4°10	29°16	27° 7	22°15	7°18	6°21	2°35	n.a.	M27
T 28	4 9 41	2°22'36	19°13	27°55	28°27	13°36	9°41	4° 5	29°19	27° 8	22°14	7°16	6°18	2°41	n.a.	T 28
W29	4 13 38	3°23'53	1♍ 6	29°30	29°41	13°29	9°54	4° 0	29°21	27°10	22°12	7°D15	6°15	2°48	n.a.	W29
T 30	4 17 34	4♐25'09	12♍57	1♐ 5	0♏55	13♋20	10♏ 7	3♊55	29♍23	27♑11	22♊11	7♏16	6♏12	2♍55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s18	9n 7	5s 6	4s57	1n54	3n31	1n51	25n 1	1n52	12s 6	0n50	20n10	1s27	1n24	0n41	21s29	0s24	24n12	0n40	14s13	14s15	7n15		n.a.
T 2	13 38	5 23	4 42	5 35	1 49	3 3	1 53	25 2	1 54	12 11	0 50	20 10	1 27	1 23	0 41	21 29	0 24	24 12	0 40	14 13	14 14	7 13		n.a.
F 3	13 59	1 25	4 5	6 13	1 43	2 35	1 54	25 3	1 56	12 16	0 50	20 9	1 27	1 21	0 41	21 28	0 24	24 12	0 40	14 13	14 13	7 11		n.a.
S 4	14 19	2s39	3 18	6 52	1 37	2 6	1 55	25 5	1 59	12 20	0 50	20 8	1 27	1 20	0 41	21 28	0 24	24 12	0 41	14 13	14 12	7 9		n.a.
S 5	14 39	6 41	2 21	7 31	1 30	1 38	1 56	25 6	2 1	12 25	0 50	20 7	1 27	1 19	0 41	21 28	0 24	24 12	0 41	14 13	14 11	7 7		n.a.
M 6	14 58	10 30	1 16	8 10	1 24	1 10	1 56	25 7	2 3	12 30	0 50	20 7	1 27	1 18	0 41	21 28	0 24	24 12	0 41	14 13	14 10	7 5		n.a.
T 7	15 18	13 55	0 7	8 49	1 17	0 41	1 57	25 9	2 6	12 34	0 50	20 6	1 27	1 16	0 41	21 28	0 24	24 12	0 41	14 13	14 9	7 3		n.a.
W 8	15 37	16 43	1n 4	9 28	1 10	0 12	1 58	25 10	2 8	12 39	0 50	20 5	1 27	1 15	0 41	21 28	0 24	24 12	0 41	14 13	14 8	7 1		n.a.
T 9	15 56	18 43	2 13	10 7	1 4	0s17	1 58	25 12	2 10	12 43	0 50	20 5	1 27	1 14	0 41	21 27	0 24	24 12	0 41	14 13	14 7	6 59		n.a.
F 10	16 14	19 42	3 16	10 45	0 57	0 45	1 59	25 14	2 13	12 48	0 50	20 4	1 27	1 13	0 41	21 27	0 24	24 12	0 41	14 12	14 6	6 57		n.a.
S 11	16 32	19 34	4 9	11 24	0 50	1 14	1 59	25 15	2 15	12 53	0 50	20 3	1 27	1 12	0 41	21 27	0 24	24 12	0 41	14 12	14 5	6 55		n.a.
S 12	16 50	18 17	4 49	12 2	0 43	1 43	1 59	25 17	2 18	12 57	0 50	20 2	1 27	1 11	0 41	21 27	0 24	24 12	0 41	14 12	14 4	6 53		n.a.
M13	17 8	15 54	5 12	12 40	0 36	2 12	1 59	25 19	2 20	13 2	0 49	20 1	1 27	1 10	0 41	21 27	0 24	24 12	0 41	14 11	14 3	6 51		n.a.
T 14	17 26	12 35	5 16	13 17	0 29	2 41	1 59	25 21	2 23	13 6	0 49	20 1	1 27	1 8	0 41	21 27	0 24	24 12	0 41	14 11	14 2	6 49		n.a.
W15	17 43	8 31	5 2	13 54	0 22	3 10	1 59	25 24	2 25	13 11	0 49	20 0	1 26	1 7	0 41	21 26	0 24	24 12	0 41	14 11	14 1	6 47		n.a.
T 16	17 59	3 57	4 29	14 31	0 15	3 39	1 59	25 26	2 28	13 15	0 49	19 59	1 26	1 6	0 41	21 26	0 24	24 12	0 41	14 11	14 0	6 45		n.a.
F 17	18 16	0n51	3 39	15 7	0 8	4 8	1 59	25 28	2 31	13 20	0 49	19 58	1 26	1 5	0 41	21 26	0 24	24 12	0 42	14 12	13 59	6 43		n.a.
S 18	18 32	5 36	2 37	15 42	0 1	4 37	1 59	25 31	2 33	13 24	0 49	19 57	1 26	1 4	0 41	21 26	0 24	24 12	0 42	14 12	13 57	6 41		n.a.
S 19	18 48	10 2	1 24	16 17	0s 6	5 5	1 58	25 33	2 36	13 28	0 49	19 57	1 26	1 3	0 41	21 25	0 24	24 12	0 42	14 12	13 56	6 39		n.a.
M20	19 3	13 52	0 8	16 51	0 13	5 34	1 58	25 36	2 39	13 33	0 49	19 56	1 26	1 2	0 41	21 25	0 24	24 12	0 42	14 13	13 55	6 37		n.a.
T 21	19 18	16 52	1s 8	17 25	0 19	6 3	1 57	25 39	2 41	13 37	0 49	19 55	1 26	1 1	0 41	21 25	0 24	24 12	0 42	14 13	13 54	6 35		n.a.
W22	19 33	18 52	2 19	17 57	0 26	6 31	1 57	25 41	2 44	13 41	0 49	19 54	1 26	1 0	0 41	21 25	0 24	24 12	0 42	14 12	13 53	6 33		n.a.
T 23	19 47	19 45	3 20	18 29	0 32	7 0	1 56	25 44	2 47	13 46	0 49	19 53	1 26	0 59	0 41	21 24	0 24	24 12	0 42	14 11	13 52	6 31		n.a.
F 24	20 1	19 34	4 10	19 0	0 38	7 28	1 55	25 47	2 49	13 50	0 49	19 53	1 26	0 58	0 41	21 24	0 24	24 12	0 42	14 10	13 51	6 29		n.a.
S 25	20 15	18 23	4 46	19 31	0 44	7 56	1 54	25 51	2 52	13 54	0 49	19 52	1 26	0 57	0 41	21 24	0 24	24 12	0 42	14 9	13 50	6 27		n.a.
S 26	20 28	16 21	5 7	20 0	0 50	8 24	1 53	25 54	2 55	13 59	0 49	19 51	1 26	0 56	0 41	21 24	0 24	24 12	0 42	14 8	13 49	6 25		n.a.
M27	20 41	13 37	5 14	20 29	0 56	8 52	1 52	25 57	2 57	14 3	0 49	19 50	1 26	0 56	0 42	21 23	0 24	24 12	0 42	14 7	13 48	6 22		n.a.
T 28	20 53	10 22	5 8	20 57	1 2	9 20	1 51	26 0	3 0	14 7	0 49	19 49	1 26	0 55	0 42	21 23	0 24	24 12	0 42	14 6	13 47	6 20		n.a.
W29	21 5	6 44	4 48	21 23	1 8	9 47	1 50	26 4	3 3	14 11	0 49	19 48	1 25	0 54	0 42	21 23	0 24	24 12	0 42	14 6	13 46	6 18		n.a.
T 30	21s17	2n51	4s16	21s49	1s13	10s15	1n48	26n 7	3n 5	14s15	0n49	19n47	1s25	0n53	0n42	21s22	0s24	24n12	0n43	14s 6	13s45	6n16		n.a.

Julian Day Number = 1613613.5, Delta T = 03h51m46s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'47, Lahiri = - 8°01'46 Julian Calendar 1 Nov. 296 BCE == Greg. Calendar 28 Oct. 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 296 BCE
geocentric

DECEMBER 296 BCE (-295) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 21 31	5♐26'25	24♍52	2♐41	2♏ 9	13°R11	10♏20	3°R50	29♍25	27♑13	22°R10	7♏17	6♏ 8	3♍ 1	n.a.	F 1
S 2	4 25 27	6°27'42	6♎54	4°16	3°24	13♋ 1	10°33	3♊45	29°27	27°14	22♊ 9	7°19	6° 5	3° 8	n.a.	S 2
S 3	4 29 24	7°28'59	19°10	5°53	4°38	12°50	10°46	3°40	29°29	27°16	22° 7	7°21	6° 2	3°15	n.a.	S 3
M 4	4 33 20	8°30'16	1♏42	7°29	5°52	12°39	10°58	3°35	29°31	27°18	22° 6	7°R22	5°59	3°22	n.a.	M 4
T 5	4 37 17	9°31'33	14°33	9° 6	7° 6	12°26	11°11	3°30	29°33	27°19	22° 5	7°22	5°56	3°28	n.a.	T 5
W 6	4 41 14	10°32'50	27°44	10°44	8°20	12°13	11°24	3°25	29°35	27°21	22° 4	7°20	5°52	3°35	n.a.	W 6
T 7	4 45 10	11°34'06	11♐16	12°21	9°34	11°59	11°36	3°20	29°36	27°23	22° 2	7°16	5°49	3°42	n.a.	T 7
F 8	4 49 7	12°35'23	25° 6	13°59	10°49	11°44	11°49	3°15	29°38	27°24	22° 1	7°12	5°46	3°48	n.a.	F 8
S 9	4 53 3	13°36'39	9♑11	15°38	12° 3	11°29	12° 2	3°10	29°40	27°26	22° 0	7° 6	5°43	3°55	n.a.	S 9
S 10	4 57 0	14°37'54	23°26	17°17	13°17	11°13	12°14	3° 6	29°42	27°28	21°58	6°59	5°40	4° 2	n.a.	S 10
M11	5 0 56	15°39'09	7♒46	18°56	14°31	10°56	12°27	3° 1	29°43	27°30	21°57	6°54	5°37	4° 8	n.a.	M11
T 12	5 4 53	16°40'23	22° 5	20°36	15°46	10°38	12°39	2°56	29°45	27°31	21°56	6°50	5°33	4°15	n.a.	T 12
W13	5 8 50	17°41'36	6♓21	22°16	17° 0	10°20	12°51	2°51	29°46	27°33	21°55	6°47	5°30	4°22	n.a.	W13
T 14	5 12 46	18°42'49	20°30	23°57	18°14	10° 1	13° 4	2°46	29°48	27°35	21°53	6°D47	5°27	4°29	n.a.	T 14
F 15	5 16 43	19°44'00	4♈31	25°38	19°29	9°41	13°16	2°42	29°49	27°37	21°52	6°48	5°24	4°35	n.a.	F 15
S 16	5 20 39	20°45'10	18°23	27°19	20°43	9°21	13°28	2°37	29°50	27°39	21°51	6°49	5°21	4°42	n.a.	S 16
S 17	5 24 36	21°46'20	2♉ 6	29° 1	21°57	9° 1	13°40	2°33	29°51	27°41	21°49	6°R50	5°18	4°49	n.a.	S 17
M18	5 28 32	22°47'29	15°40	0♑43	23°12	8°40	13°52	2°28	29°53	27°43	21°48	6°50	5°14	4°55	n.a.	M18
T 19	5 32 29	23°48'36	29° 3	2°26	24°26	8°18	14° 4	2°24	29°54	27°45	21°47	6°47	5°11	5° 2	n.a.	T 19
W20	5 36 25	24°49'43	12♊15	4° 8	25°41	7°56	14°16	2°19	29°55	27°47	21°45	6°43	5° 8	5° 9	n.a.	W20
T 21	5 40 22	25°50'49	25°15	5°51	26°55	7°34	14°28	2°15	29°56	27°49	21°44	6°36	5° 5	5°16	n.a.	T 21
F 22	5 44 19	26°51'54	8♋ 3	7°33	28°10	7°11	14°39	2°10	29°57	27°51	21°43	6°27	5° 2	5°22	n.a.	F 22
S 23	5 48 15	27°52'59	20°36	9°16	29°24	6°48	14°51	2° 6	29°58	27°53	21°42	6°17	4°58	5°29	n.a.	S 23
S 24	5 52 12	28°54'02	2♌57	10°58	0♐38	6°24	15° 3	2° 2	29°59	27°55	21°40	6° 7	4°55	5°36	n.a.	S 24
M25	5 56 8	29°55'05	15° 5	12°40	1°53	6° 1	15°14	1°58	29°59	27°57	21°39	5°57	4°52	5°42	n.a.	M25
T 26	6 0 5	0♑56'06	27° 4	14°21	3° 7	5°37	15°26	1°54	0♎ 0	27°59	21°38	5°50	4°49	5°49	n.a.	T 26
W27	6 4 1	1°57'07	8♍56	16° 1	4°22	5°13	15°37	1°50	0° 1	28° 1	21°36	5°45	4°46	5°56	n.a.	W27
T 28	6 7 58	2°58'07	20°46	17°40	5°36	4°49	15°48	1°46	0° 2	28° 3	21°35	5°41	4°43	6° 2	n.a.	T 28
F 29	6 11 54	3°59'07	2♎38	19°17	6°51	4°25	15°59	1°42	0° 2	28° 5	21°34	5°D40	4°39	6° 9	n.a.	F 29
S 30	6 15 51	5° 0'05	14°39	20°53	8° 5	4° 1	16°11	1°38	0° 3	28° 7	21°33	5°41	4°36	6°16	n.a.	S 30
S 31	6 19 48	6♑ 1'02	26♎52	22♑26	9♐20	3♋37	16♏22	1♊35	0♎ 3	28♑ 9	21♊31	5♏42	4♏33	6♍23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s28	1s11	3s32	22s13	1s18	10s42	1n47	26n11	3n 8	14s19	0n49	19n47	1s25	0n52	0n42	21s22	0s24	24n12	0n43	14s 7	13s44	6n14		n.a.
S 2	21 39	5 12	2 39	22 37	1 23	11 8	1 46	26 15	3 11	14 24	0 49	19 46	1 25	0 51	0 42	21 22	0 24	24 12	0 43	14 7	13 43	6 12		n.a.
S 3	21 49	9 6	1 38	22 59	1 28	11 35	1 44	26 18	3 13	14 28	0 49	19 45	1 25	0 51	0 42	21 21	0 24	24 12	0 43	14 8	13 42	6 10		n.a.
M 4	21 59	12 41	0 31	23 20	1 32	12 1	1 43	26 22	3 16	14 32	0 49	19 44	1 25	0 50	0 42	21 21	0 24	24 12	0 43	14 8	13 41	6 8		n.a.
T 5	22 9	15 46	0n39	23 40	1 37	12 28	1 41	26 26	3 19	14 36	0 49	19 43	1 25	0 49	0 42	21 21	0 24	24 12	0 43	14 8	13 39	6 6		n.a.
W 6	22 18	18 7	1 49	23 59	1 41	12 53	1 39	26 30	3 21	14 40	0 49	19 42	1 25	0 48	0 42	21 20	0 24	24 12	0 43	14 7	13 38	6 4		n.a.
T 7	22 27	19 31	2 54	24 16	1 44	13 19	1 38	26 34	3 24	14 44	0 49	19 42	1 25	0 48	0 42	21 20	0 24	24 12	0 43	14 6	13 37	6 2		n.a.
F 8	22 35	19 47	3 51	24 32	1 48	13 44	1 36	26 38	3 26	14 48	0 49	19 41	1 24	0 47	0 42	21 20	0 24	24 12	0 43	14 5	13 36	6 0		n.a.
S 9	22 43	18 50	4 35	24 47	1 51	14 9	1 34	26 42	3 29	14 51	0 49	19 40	1 24	0 46	0 42	21 19	0 24	24 12	0 43	14 3	13 35	5 58		n.a.
S 10	22 50	16 43	5 2	25 0	1 54	14 33	1 32	26 45	3 31	14 55	0 49	19 39	1 24	0 46	0 42	21 19	0 24	24 12	0 43	14 1	13 34	5 56		n.a.
M11	22 57	13 33	5 10	25 12	1 57	14 58	1 30	26 49	3 34	14 59	0 49	19 38	1 24	0 45	0 42	21 19	0 24	24 12	0 43	13 59	13 33	5 54		n.a.
T 12	23 3	9 36	4 59	25 22	1 59	15 21	1 28	26 53	3 36	15 3	0 49	19 38	1 24	0 45	0 42	21 18	0 24	24 12	0 43	13 58	13 32	5 52		n.a.
W13	23 9	5 7	4 30	25 30	2 1	15 45	1 26	26 57	3 38	15 7	0 49	19 37	1 24	0 44	0 42	21 18	0 24	24 12	0 43	13 57	13 31	5 50		n.a.
T 14	23 15	0 22	3 45	25 37	2 2	16 8	1 24	27 1	3 41	15 11	0 49	19 36	1 24	0 44	0 42	21 18	0 24	24 12	0 44	13 57	13 30	5 48		n.a.
F 15	23 20	4n21	2 46	25 42	2 3	16 30	1 22	27 4	3 43	15 14	0 49	19 35	1 23	0 43	0 42	21 17	0 24	24 12	0 44	13 57	13 29	5 46		n.a.
S 16	23 24	8 48	1 38	25 46	2 4	16 52	1 19	27 8	3 45	15 18	0 49	19 35	1 23	0 43	0 42	21 17	0 24	24 12	0 44	13 57	13 28	5 44		n.a.
S 17	23 28	12 45	0 26	25 47	2 4	17 14	1 17	27 12	3 47	15 22	0 49	19 34	1 23	0 42	0 42	21 16	0 24	24 12	0 44	13 58	13 27	5 42		n.a.
M18	23 32	15 58	0s48	25 47	2 4	17 36	1 15	27 15	3 49	15 25	0 49	19 33	1 23	0 42	0 42	21 16	0 24	24 12	0 44	13 57	13 26	5 40		n.a.
T 19	23 35	18 17	1 57	25 45	2 3	17 56	1 12	27 18	3 51	15 29	0 49	19 32	1 23	0 41	0 42	21 16	0 24	24 12	0 44	13 57	13 24	5 38		n.a.
W20	23 38	19 35	2 59	25 41	2 2	18 17	1 10	27 22	3 53	15 32	0 49	19 32	1 23	0 41	0 42	21 15	0 24	24 12	0 44	13 55	13 23	5 36		n.a.
T 21	23 40	19 48	3 51	25 35	2 0	18 37	1 8	27 25	3 55	15 36	0 49	19 31	1 22	0 40	0 42	21 15	0 24	24 12	0 44	13 53	13 22	5 34		n.a.
F 22	23 41	19 0	4 30	25 28	1 57	18 56	1 5	27 28	3 56	15 39	0 49	19 30	1 22	0 40	0 42	21 15	0 24	24 12	0 44	13 50	13 21	5 31		n.a.
S 23	23 43	17 16	4 55	25 18	1 54	19 15	1 3	27 31	3 58	15 43	0 49	19 30	1 22	0 40	0 42	21 14	0 24	24 12	0 44	13 47	13 20	5 29		n.a.
S 24	23 43	14 47	5 5	25 6	1 50	19 33	1 0	27 33	3 59	15 46	0 49	19 29	1 22	0 39	0 42	21 14	0 24	24 12	0 44	13 43	13 19	5 27		n.a.
M25	23 44	11 42	5 2	24 52	1 46	19 51	0 58	27 36	4 1	15 50	0 49	19 28	1 22	0 39	0 42	21 13	0 24	24 12	0 44	13 40	13 18	5 25		n.a.
T 26	23 44	8 10	4 45	24 37	1 41	20 8	0 55	27 38	4 2	15 53	0 49	19 28	1 22	0 39	0 42	21 13	0 24	24 12	0 44	13 38	13 17	5 23		n.a.
W27	23 43	4 22	4 16	24 19	1 35	20 25	0 52	27 41	4 3	15 56	0 49	19 27	1 21	0 38	0 43	21 12	0 24	24 12	0 44	13 36	13 16	5 21		n.a.
T 28	23 42	0 23	3 37	24 0	1 28	20 41	0 50	27 43	4 5	16 0	0 49	19 26	1 21	0 38	0 43	21 12	0 24	24 12	0 44	13 35	13 15	5 19		n.a.
F 29	23 40	3s37	2 47	23 39	1 21	20 56	0 47	27 45	4 6	16 3	0 49	19 26	1 21	0 38	0 43	21 12	0 24	24 12	0 44	13 34	13 14	5 17		n.a.
S 30	23 38	7 32	1 50	23 17	1 12	21 11	0 45	27 46	4 7	16 6	0 49	19 25	1 21	0 38	0 43	21 11	0 24	24 12	0 45	13 34	13 13	5 15		n.a.
S 31	23s35	11s13	0s47	22s52	1s 3	21s26	0n42	27n48	4n 7	16s 9	0n49	19n25	1s21	0n38	0n43	21s11	0s24	24n12	0n45	13s35	13s12	5n13		n.a.

Julian Day Number = 1613643.5, Delta T = 03h51m45s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'43, Lahiri = - 8°01'42 Julian Calendar 1 Dec. 296 BCE == Greg. Calendar 27 Nov. 296 BCE

The year -295 astronomical counting style corresponds to year 296 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

JANUARY 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 23 44	7♑ 1'59	9♏24	23♑56	10♐34	3°R13	16♏32	1°R31	0♎ 4	28♑12	21°R30	5°R42	4♏30	6♍29	n.a.	M 1
T 2	6 27 41	8° 2'54	22°18	25°22	11°49	2♋49	16°43	1♊28	0° 4	28°14	21♊29	5♏40	4°27	6°36	n.a.	T 2
W 3	6 31 37	9° 3'49	5♐38	26°45	13° 3	2°26	16°54	1°24	0° 5	28°16	21°28	5°37	4°24	6°43	n.a.	W 3
T 4	6 35 34	10° 4'43	19°24	28° 3	14°18	2° 2	17° 5	1°21	0° 5	28°18	21°26	5°30	4°20	6°49	n.a.	T 4
F 5	6 39 30	11° 5'35	3♑34	29°15	15°32	1°39	17°15	1°18	0° 5	28°20	21°25	5°22	4°17	6°56	n.a.	F 5
S 6	6 43 27	12° 6'26	18° 5	0♒21	16°47	1°16	17°26	1°14	0° 5	28°22	21°24	5°11	4°14	7° 3	n.a.	S 6
S 7	6 47 23	13° 7'15	2♒48	1°20	18° 1	0°54	17°36	1°11	0° 5	28°25	21°23	5° 0	4°11	7°10	n.a.	S 7
M 8	6 51 20	14° 8'03	17°37	2°12	19°16	0°32	17°46	1° 8	0°R 5	28°27	21°21	4°50	4° 8	7°16	n.a.	M 8
T 9	6 55 17	15° 8'49	2♓21	2°54	20°30	0°10	17°57	1° 6	0° 5	28°29	21°20	4°42	4° 4	7°23	n.a.	T 9
W10	6 59 13	16° 9'34	16°56	3°28	21°45	29♊49	18° 7	1° 3	0° 5	28°31	21°19	4°36	4° 1	7°30	n.a.	W10
T 11	7 3 10	17°10'16	1♈15	3°52	22°59	29°29	18°17	1° 0	0° 5	28°34	21°18	4°33	3°58	7°36	n.a.	T 11
F 12	7 7 6	18°10'57	15°17	4° 5	24°14	29° 9	18°26	0°57	0° 5	28°36	21°17	4°D32	3°55	7°43	n.a.	F 12
S 13	7 11 3	19°11'36	29° 2	4°R 8	25°28	28°49	18°36	0°55	0° 5	28°38	21°16	4°R32	3°52	7°50	n.a.	S 13
S 14	7 14 59	20°12'13	12♉31	4° 1	26°43	28°31	18°46	0°53	0° 4	28°40	21°15	4°32	3°49	7°56	n.a.	S 14
M15	7 18 56	21°12'48	25°45	3°43	27°57	28°12	18°55	0°50	0° 4	28°43	21°13	4°30	3°45	8° 3	n.a.	M15
T 16	7 22 52	22°13'22	8♊47	3°15	29°12	27°55	19° 5	0°48	0° 4	28°45	21°12	4°26	3°42	8°10	n.a.	T 16
W17	7 26 49	23°13'53	21°37	2°37	0♑26	27°38	19°14	0°46	0° 3	28°47	21°11	4°19	3°39	8°17	n.a.	W17
T 18	7 30 46	24°14'23	4♋17	1°51	1°41	27°22	19°23	0°44	0° 3	28°49	21°10	4° 9	3°36	8°23	n.a.	T 18
F 19	7 34 42	25°14'50	16°47	0°58	2°55	27° 6	19°32	0°42	0° 2	28°52	21° 9	3°56	3°33	8°30	n.a.	F 19
S 20	7 38 39	26°15'16	29° 7	29♑59	4°10	26°52	19°41	0°40	0° 2	28°54	21° 8	3°42	3°30	8°37	n.a.	S 20
S 21	7 42 35	27°15'41	11♌18	28°56	5°24	26°38	19°50	0°39	0° 1	28°56	21° 7	3°28	3°26	8°43	n.a.	S 21
M22	7 46 32	28°16'03	23°20	27°51	6°38	26°25	19°59	0°37	0° 0	28°58	21° 6	3°14	3°23	8°50	n.a.	M22
T 23	7 50 28	29°16'24	5♍16	26°44	7°53	26°12	20° 7	0°36	29♍59	29° 1	21° 5	3° 3	3°20	8°57	n.a.	T 23
W24	7 54 25	0♒16'43	17° 6	25°39	9° 7	26° 1	20°16	0°35	29°59	29° 3	21° 4	2°54	3°17	9° 3	n.a.	W24
T 25	7 58 21	1°17'00	28°55	24°36	10°22	25°50	20°24	0°33	29°58	29° 5	21° 3	2°48	3°14	9°10	n.a.	T 25
F 26	8 2 18	2°17'16	10♎46	23°36	11°36	25°40	20°32	0°32	29°57	29° 8	21° 2	2°45	3°10	9°17	n.a.	F 26
S 27	8 6 15	3°17'30	22°44	22°42	12°51	25°30	20°40	0°31	29°56	29°10	21° 1	2°43	3° 7	9°23	n.a.	S 27
S 28	8 10 11	4°17'42	4♏55	21°53	14° 5	25°22	20°48	0°30	29°55	29°12	21° 0	2°43	3° 4	9°30	n.a.	S 28
M29	8 14 8	5°17'53	17°22	21°10	15°20	25°14	20°56	0°30	29°54	29°14	20°59	2°43	3° 1	9°37	n.a.	M29
T 30	8 18 4	6°18'02	0♐13	20°34	16°34	25° 7	21° 3	0°29	29°53	29°17	20°59	2°41	2°58	9°44	n.a.	T 30
W31	8 22 1	7♒18'10	13♐30	20♑ 5	17♑48	25♊ 1	21♏11	0♊28	29♍51	29♑19	20♊58	2♏38	2♏55	9♍50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s32	14s29	0n20	22s27	0s53	21s39	0n39	27n49	4n 8	16s12	0n49	19n24	1s20	0n38	0n43	21s10	0s24	24n12	0n45	13s35	13s10	5n11			n.a.
T 2	23 29	17 9	1 27	22 0	0 42	21 52	0 36	27 51	4 9	16 15	0 49	19 24	1 20	0 37	0 43	21 10	0 24	24 12	0 45	13 34	13 9	5 9			n.a.
W 3	23 25	19 0	2 32	21 33	0 30	22 5	0 34	27 52	4 9	16 19	0 49	19 23	1 20	0 37	0 43	21 9	0 24	24 12	0 45	13 33	13 8	5 7			n.a.
T 4	23 20	19 48	3 31	21 5	0 17	22 17	0 31	27 52	4 10	16 22	0 49	19 23	1 20	0 37	0 43	21 9	0 24	24 12	0 45	13 31	13 7	5 5			n.a.
F 5	23 16	19 23	4 18	20 37	0 4	22 28	0 28	27 53	4 10	16 25	0 49	19 22	1 20	0 37	0 43	21 9	0 25	24 12	0 45	13 28	13 6	5 3			n.a.
S 6	23 10	17 43	4 49	20 9	0n11	22 38	0 26	27 54	4 10	16 27	0 49	19 22	1 19	0 37	0 43	21 8	0 25	24 12	0 45	13 24	13 5	5 1			n.a.
S 7	23 4	14 52	5 2	19 41	0 26	22 48	0 23	27 54	4 10	16 30	0 49	19 21	1 19	0 37	0 43	21 8	0 25	24 12	0 45	13 21	13 4	4 59			n.a.
M 8	22 58	11 4	4 55	19 14	0 42	22 57	0 20	27 54	4 10	16 33	0 49	19 21	1 19	0 37	0 43	21 7	0 25	24 12	0 45	13 17	13 3	4 57			n.a.
T 9	22 51	6 35	4 28	18 48	0 58	23 6	0 17	27 54	4 10	16 36	0 49	19 20	1 19	0 37	0 43	21 7	0 25	24 12	0 45	13 14	13 2	4 55			n.a.
W10	22 44	1 47	3 44	18 24	1 15	23 13	0 15	27 54	4 10	16 39	0 49	19 20	1 19	0 37	0 43	21 6	0 25	24 12	0 45	13 13	13 1	4 53			n.a.
T 11	22 37	3n 3	2 47	18 1	1 32	23 20	0 12	27 54	4 10	16 42	0 49	19 20	1 18	0 37	0 43	21 6	0 25	24 12	0 45	13 11	13 0	4 51			n.a.
F 12	22 29	7 38	1 40	17 41	1 50	23 27	0 9	27 53	4 10	16 44	0 49	19 19	1 18	0 37	0 43	21 5	0 25	24 12	0 45	13 11	12 59	4 49			n.a.
S 13	22 20	11 43	0 29	17 24	2 7	23 32	0 7	27 53	4 9	16 47	0 49	19 19	1 18	0 38	0 43	21 5	0 25	24 11	0 45	13 11	12 57	4 47			n.a.
S 14	22 11	15 7	0s42	17 10	2 23	23 37	0 4	27 52	4 9	16 50	0 49	19 19	1 18	0 38	0 43	21 5	0 25	24 11	0 45	13 11	12 56	4 45			n.a.
M15	22 2	17 39	1 50	16 59	2 39	23 42	0 1	27 51	4 8	16 52	0 49	19 18	1 18	0 38	0 43	21 4	0 25	24 11	0 46	13 11	12 55	4 42			n.a.
T 16	21 52	19 13	2 51	16 51	2 54	23 45	0s 1	27 50	4 7	16 55	0 49	19 18	1 17	0 38	0 43	21 4	0 25	24 11	0 46	13 9	12 54	4 40			n.a.
W17	21 42	19 46	3 42	16 46	3 8	23 48	0 4	27 49	4 7	16 57	0 49	19 18	1 17	0 38	0 43	21 3	0 25	24 11	0 46	13 7	12 53	4 38			n.a.
T 18	21 32	19 19	4 21	16 44	3 20	23 50	0 7	27 48	4 6	17 0	0 49	19 18	1 17	0 39	0 43	21 3	0 25	24 11	0 46	13 3	12 52	4 36			n.a.
F 19	21 21	17 55	4 47	16 46	3 30	23 51	0 9	27 47	4 5	17 2	0 49	19 18	1 17	0 39	0 43	21 2	0 25	24 11	0 46	12 59	12 51	4 34			n.a.
S 20	21 9	15 43	4 59	16 50	3 39	23 52	0 12	27 45	4 4	17 5	0 49	19 18	1 17	0 39	0 43	21 2	0 25	24 11	0 46	12 54	12 50	4 32			n.a.
S 21	20 58	12 50	4 57	16 57	3 45	23 52	0 15	27 44	4 3	17 7	0 49	19 17	1 16	0 39	0 43	21 1	0 25	24 11	0 46	12 49	12 49	4 30			n.a.
M22	20 45	9 28	4 42	17 6	3 49	23 51	0 17	27 43	4 2	17 9	0 49	19 17	1 16	0 40	0 43	21 1	0 25	24 11	0 46	12 45	12 48	4 28			n.a.
T 23	20 33	5 45	4 14	17 17	3 51	23 49	0 20	27 41	4 1	17 12	0 49	19 17	1 16	0 40	0 43	21 0	0 25	24 11	0 46	12 41	12 47	4 26			n.a.
W24	20 20	1 50	3 36	17 30	3 50	23 47	0 22	27 40	4 0	17 14	0 49	19 17	1 16	0 40	0 43	21 0	0 25	24 11	0 46	12 37	12 45	4 24			n.a.
T 25	20 7	2s 8	2 49	17 44	3 47	23 44	0 25	27 38	3 58	17 16	0 49	19 17	1 15	0 41	0 44	20 59	0 25	24 11	0 46	12 35	12 44	4 22			n.a.
F 26	19 53	6 3	1 53	17 59	3 43	23 40	0 27	27 36	3 57	17 18	0 50	19 17	1 15	0 41	0 44	20 59	0 25	24 11	0 46	12 34	12 43	4 20			n.a.
S 27	19 39	9 46	0 53	18 14	3 36	23 35	0 29	27 35	3 56	17 20	0 50	19 17	1 15	0 42	0 44	20 59	0 25	24 11	0 46	12 34	12 42	4 18			n.a.
S 28	19 25	13 8	0n12	18 30	3 28	23 30	0 32	27 33	3 55	17 22	0 50	19 17	1 15	0 42	0 44	20 58	0 25	24 11	0 46	12 34	12 41	4 16			n.a.
M29	19 10	16 0	1 17	18 46	3 19	23 24	0 34	27 31	3 53	17 24	0 50	19 17	1 14	0 42	0 44	20 58	0 25	24 11	0 46	12 34	12 40	4 14			n.a.
T 30	18 55	18 10	2 20	19 2	3 8	23 17	0 36	27 30	3 52	17 26	0 50	19 17	1 14	0 43	0 44	20 57	0 25	24 11	0 46	12 33	12 39	4 12			n.a.
W31	18s40	19s25	3n18	19s17	2n57	23s10	0s39	27n28	3n50	17s28	0n50	19n17	1s14	0n43	0n44	20s57	0s25	24n11	0n46	12s32	12s38	4n10			n.a.

Julian Day Number = 1613674.5, Delta T = 03h51m44s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'39, Lahiri = - 8°01'38 Julian Calendar 1 Jan. 295 BCE == Greg. Calendar 28 Dec. 296 BCE

The year -294 astronomical counting style corresponds to year 295 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

FEBRUARY 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 57	8♒18'15	27♐17	19°R43	19♑ 3	24°R56	21♏18	0°R28	29°R50	29♑21	20°R57	2°R31	2♏51	9♍57	n.a.	T 1
F 2	8 29 54	9°18'20	11♑34	19♑28	20°17	24♊51	21°25	0♊28	29♍49	29°23	20♊56	2♏22	2°48	10° 4	n.a.	F 2
S 3	8 33 50	10°18'22	26°16	19°20	21°32	24°47	21°33	0°28	29°48	29°26	20°55	2°11	2°45	10°10	n.a.	S 3
S 4	8 37 47	11°18'22	11♒16	19°D18	22°46	24°44	21°39	0°D27	29°46	29°28	20°55	1°59	2°42	10°17	n.a.	S 4
M 5	8 41 44	12°18'20	26°26	19°22	24° 0	24°42	21°46	0°27	29°45	29°30	20°54	1°48	2°39	10°24	n.a.	M 5
T 6	8 45 40	13°18'16	11♓34	19°33	25°15	24°40	21°53	0°28	29°43	29°32	20°53	1°39	2°36	10°30	n.a.	T 6
W 7	8 49 37	14°18'10	26°30	19°49	26°29	24°D40	21°59	0°28	29°42	29°35	20°52	1°33	2°32	10°37	n.a.	W 7
T 8	8 53 33	15°18'01	11♈ 8	20°10	27°43	24°40	22° 6	0°28	29°40	29°37	20°52	1°29	2°29	10°44	n.a.	T 8
F 9	8 57 30	16°17'50	25°23	20°37	28°58	24°40	22°12	0°29	29°39	29°39	20°51	1°28	2°26	10°51	n.a.	F 9
S 10	9 1 26	17°17'37	9♉14	21° 8	0♒12	24°42	22°18	0°29	29°37	29°41	20°50	1°D28	2°23	10°57	n.a.	S 10
S 11	9 5 23	18°17'21	22°42	21°43	1°26	24°44	22°24	0°30	29°35	29°43	20°50	1°R28	2°20	11° 4	n.a.	S 11
M12	9 9 19	19°17'03	5♊50	22°23	2°41	24°47	22°29	0°31	29°34	29°46	20°49	1°27	2°16	11°11	n.a.	M12
T 13	9 13 16	20°16'43	18°41	23° 6	3°55	24°51	22°35	0°32	29°32	29°48	20°49	1°24	2°13	11°17	n.a.	T 13
W14	9 17 13	21°16'20	1♋17	23°53	5° 9	24°55	22°40	0°33	29°30	29°50	20°48	1°18	2°10	11°24	n.a.	W14
T 15	9 21 9	22°15'55	13°42	24°44	6°24	25° 0	22°46	0°34	29°28	29°52	20°47	1° 9	2° 7	11°31	n.a.	T 15
F 16	9 25 6	23°15'27	25°57	25°38	7°38	25° 6	22°51	0°35	29°26	29°54	20°47	0°58	2° 4	11°37	n.a.	F 16
S 17	9 29 2	24°14'58	8♌ 5	26°34	8°52	25°12	22°56	0°37	29°25	29°56	20°46	0°46	2° 1	11°44	n.a.	S 17
S 18	9 32 59	25°14'26	20° 6	27°34	10° 6	25°19	23° 0	0°38	29°23	29°58	20°46	0°33	1°57	11°51	n.a.	S 18
M19	9 36 55	26°13'51	2♍ 1	28°36	11°21	25°26	23° 5	0°40	29°21	0♒ 0	20°46	0°21	1°54	11°57	n.a.	M19
T 20	9 40 52	27°13'15	13°53	29°40	12°35	25°35	23° 9	0°41	29°19	0° 3	20°45	0°11	1°51	12° 4	n.a.	T 20
W21	9 44 48	28°12'37	25°43	0♒47	13°49	25°43	23°13	0°43	29°17	0° 5	20°45	0° 3	1°48	12°11	n.a.	W21
T 22	9 48 45	29°11'56	7♎32	1°56	15° 3	25°53	23°18	0°45	29°15	0° 7	20°44	29♎58	1°45	12°18	n.a.	T 22
F 23	9 52 41	0♓11'14	19°25	3° 8	16°18	26° 3	23°21	0°47	29°12	0° 9	20°44	29°55	1°41	12°24	n.a.	F 23
S 24	9 56 38	1°10'29	1♏24	4°21	17°32	26°13	23°25	0°49	29°10	0°11	20°44	29°D54	1°38	12°31	n.a.	S 24
S 25	10 0 35	2° 9'43	13°35	5°37	18°46	26°24	23°29	0°52	29° 8	0°13	20°43	29°55	1°35	12°38	n.a.	S 25
M26	10 4 31	3° 8'55	26° 1	6°54	20° 0	26°36	23°32	0°54	29° 6	0°15	20°43	29°56	1°32	12°44	n.a.	M26
T 27	10 8 28	4° 8'05	8♐47	8°13	21°14	26°48	23°35	0°56	29° 4	0°17	20°43	29°R56	1°29	12°51	n.a.	T 27
W28	10 12 24	5♓ 7'13	21♐59	9♒34	22♒29	27♊ 1	23♏38	0♊59	29♍ 2	0♒19	20♊43	29♎55	1♏26	12♍58	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s24	19s36	4n 6	19s32	2n45	23s 2	0s41	27n26	3n49	17s30	0n50	19n18	1s14	0n44	0n44	20s56	0s25	24n11	0n46	12s30	12s37	4n 8		n.a.
F 2	18 9	18 33	4 41	19 47	2 32	22 53	0 43	27 25	3 47	17 32	0 50	19 18	1 14	0 45	0 44	20 56	0 25	24 11	0 46	12 26	12 36	4 6		n.a.
S 3	17 52	16 16	4 59	20 1	2 19	22 44	0 45	27 23	3 46	17 34	0 50	19 18	1 13	0 45	0 44	20 55	0 25	24 11	0 47	12 23	12 34	4 4		n.a.
S 4	17 36	12 51	4 57	20 14	2 6	22 34	0 47	27 21	3 44	17 36	0 50	19 18	1 13	0 46	0 44	20 55	0 25	24 11	0 47	12 19	12 33	4 2		n.a.
M 5	17 19	8 34	4 34	20 27	1 53	22 23	0 49	27 20	3 43	17 37	0 50	19 18	1 13	0 46	0 44	20 54	0 25	24 11	0 47	12 15	12 32	4 0		n.a.
T 6	17 2	3 45	3 52	20 38	1 40	22 11	0 51	27 18	3 41	17 39	0 50	19 19	1 13	0 47	0 44	20 54	0 25	24 11	0 47	12 12	12 31	3 58		n.a.
W 7	16 44	1n15	2 54	20 49	1 27	21 59	0 53	27 17	3 40	17 41	0 50	19 19	1 12	0 47	0 44	20 53	0 25	24 11	0 47	12 9	12 30	3 56		n.a.
T 8	16 27	6 4	1 46	20 59	1 14	21 46	0 55	27 15	3 38	17 42	0 50	19 19	1 12	0 48	0 44	20 53	0 25	24 11	0 47	12 8	12 29	3 54		n.a.
F 9	16 9	10 26	0 32	21 7	1 1	21 33	0 57	27 13	3 36	17 44	0 50	19 19	1 12	0 49	0 44	20 53	0 25	24 11	0 47	12 8	12 28	3 52		n.a.
S 10	15 50	14 6	0s41	21 15	0 48	21 19	0 59	27 12	3 35	17 45	0 50	19 20	1 12	0 49	0 44	20 52	0 25	24 11	0 47	12 8	12 27	3 49		n.a.
S 11	15 32	16 54	1 50	21 22	0 36	21 4	1 1	27 10	3 33	17 47	0 50	19 20	1 12	0 50	0 44	20 52	0 25	24 11	0 47	12 8	12 26	3 47		n.a.
M12	15 13	18 43	2 52	21 27	0 24	20 49	1 2	27 9	3 31	17 48	0 50	19 21	1 11	0 51	0 44	20 51	0 25	24 11	0 47	12 7	12 24	3 45		n.a.
T 13	14 54	19 32	3 43	21 31	0 12	20 33	1 4	27 7	3 30	17 50	0 50	19 21	1 11	0 52	0 44	20 51	0 25	24 11	0 47	12 6	12 23	3 43		n.a.
W14	14 35	19 21	4 22	21 34	0 1	20 16	1 6	27 6	3 28	17 51	0 50	19 21	1 11	0 52	0 44	20 50	0 25	24 11	0 47	12 4	12 22	3 41		n.a.
T 15	14 15	18 14	4 48	21 36	0s10	19 59	1 7	27 4	3 26	17 52	0 51	19 22	1 11	0 53	0 44	20 50	0 25	24 11	0 47	12 1	12 21	3 39		n.a.
F 16	13 56	16 17	5 1	21 36	0 20	19 41	1 9	27 3	3 25	17 54	0 51	19 22	1 10	0 54	0 44	20 49	0 25	24 11	0 47	11 57	12 20	3 37		n.a.
S 17	13 36	13 39	5 0	21 35	0 30	19 23	1 10	27 1	3 23	17 55	0 51	19 23	1 10	0 55	0 44	20 49	0 25	24 11	0 47	11 53	12 19	3 35		n.a.
S 18	13 16	10 27	4 45	21 33	0 40	19 4	1 12	27 0	3 22	17 56	0 51	19 23	1 10	0 55	0 44	20 49	0 25	24 11	0 47	11 48	12 18	3 33		n.a.
M19	12 56	6 52	4 18	21 30	0 49	18 45	1 13	26 59	3 20	17 57	0 51	19 24	1 10	0 56	0 44	20 48	0 25	24 11	0 47	11 44	12 17	3 31		n.a.
T 20	12 35	3 2	3 40	21 25	0 58	18 25	1 14	26 57	3 18	17 58	0 51	19 25	1 9	0 57	0 44	20 48	0 25	24 11	0 47	11 40	12 16	3 29		n.a.
W21	12 14	0s54	2 52	21 18	1 6	18 5	1 15	26 56	3 17	17 59	0 51	19 25	1 9	0 58	0 44	20 47	0 25	24 11	0 47	11 37	12 15	3 27		n.a.
T 22	11 53	4 49	1 57	21 10	1 14	17 44	1 17	26 55	3 15	18 0	0 51	19 26	1 9	0 59	0 44	20 47	0 25	24 11	0 47	11 36	12 13	3 25		n.a.
F 23	11 32	8 33	0 56	21 1	1 22	17 23	1 18	26 53	3 13	18 1	0 51	19 26	1 9	1 0	0 44	20 46	0 25	24 11	0 48	11 35	12 12	3 23		n.a.
S 24	11 11	11 59	0n 8	20 51	1 29	17 1	1 19	26 52	3 12	18 2	0 51	19 27	1 9	1 0	0 44	20 46	0 25	24 11	0 48	11 34	12 11	3 21		n.a.
S 25	10 50	14 57	1 13	20 38	1 36	16 39	1 20	26 51	3 10	18 3	0 51	19 28	1 8	1 1	0 44	20 46	0 25	24 11	0 48	11 35	12 10	3 19		n.a.
M26	10 28	17 18	2 15	20 25	1 42	16 16	1 21	26 50	3 9	18 3	0 51	19 28	1 8	1 2	0 44	20 45	0 25	24 11	0 48	11 35	12 9	3 17		n.a.
T 27	10 7	18 51	3 13	20 10	1 48	15 53	1 21	26 48	3 7	18 4	0 51	19 29	1 8	1 3	0 44	20 45	0 25	24 12	0 48	11 35	12 8	3 15		n.a.
W28	9s45	19s27	4n 3	19s53	1s53	15s29	1s22	26n47	3n 5	18s 5	0n51	19n30	1s 8	1n 4	0n44	20s44	0s25	24n12	0n48	11s35	12s 7	3n13		n.a.

Julian Day Number = 1613705.5, Delta T = 03h51m43s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'34, Lahiri = - 8°01'34 Julian Calendar 1 Feb. 295 BCE == Greg. Calendar 28 Jan. 295 BCE

The year -294 astronomical counting style corresponds to year 295 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

MARCH 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 16 21	6♓ 6'20	5♉39	10♒57	23♒43	27♊14	23♏41	1♊ 2	28°R59	0♒21	20°R42	29°R51	1♏22	13♍ 4	n.a.	T 1
F 2	10 20 17	7° 5'24	19°49	12°22	24°57	27°27	23°44	1° 4	28♍57	0°23	20♊42	29♎46	1°19	13°11	n.a.	F 2
S 3	10 24 14	8° 4'27	4♒26	13°48	26°11	27°41	23°46	1° 7	28°55	0°24	20°42	29°38	1°16	13°18	n.a.	S 3
S 4	10 28 10	9° 3'27	19°25	15°16	27°25	27°56	23°48	1°10	28°52	0°26	20°42	29°31	1°13	13°24	n.a.	S 4
M 5	10 32 7	10° 2'26	4♓39	16°45	28°39	28°11	23°50	1°13	28°50	0°28	20°42	29°23	1°10	13°31	n.a.	M 5
T 6	10 36 4	11° 1'22	19°56	18°16	29°53	28°27	23°52	1°17	28°48	0°30	20°42	29°17	1° 7	13°38	n.a.	T 6
W 7	10 40 0	12° 0'16	5♈ 6	19°48	1♓ 8	28°43	23°54	1°20	28°45	0°32	20°42	29°12	1° 3	13°44	n.a.	W 7
T 8	10 43 57	12°59'08	19°59	21°22	2°22	28°59	23°56	1°23	28°43	0°34	20°42	29°10	1° 0	13°51	n.a.	T 8
F 9	10 47 53	13°57'58	4♉29	22°58	3°36	29°16	23°57	1°27	28°40	0°35	20°D42	29°D10	0°57	13°58	n.a.	F 9
S 10	10 51 50	14°56'45	18°33	24°35	4°50	29°34	23°58	1°30	28°38	0°37	20°42	29°11	0°54	14° 5	n.a.	S 10
S 11	10 55 46	15°55'30	2♊10	26°14	6° 4	29°51	23°59	1°34	28°35	0°39	20°42	29°12	0°51	14°11	n.a.	S 11
M12	10 59 43	16°54'13	15°22	27°54	7°18	0♋10	24° 0	1°38	28°33	0°41	20°42	29°R13	0°47	14°18	n.a.	M12
T 13	11 3 39	17°52'53	28°12	29°36	8°32	0°28	24° 0	1°41	28°30	0°42	20°42	29°13	0°44	14°25	n.a.	T 13
W14	11 7 36	18°51'31	10♋44	1♓19	9°46	0°47	24° 1	1°45	28°28	0°44	20°42	29°10	0°41	14°31	n.a.	W14
T 15	11 11 32	19°50'06	23° 2	3° 4	11° 0	1° 6	24° 1	1°49	28°25	0°46	20°42	29° 6	0°38	14°38	n.a.	T 15
F 16	11 15 29	20°48'40	5♌ 9	4°51	12°14	1°26	24°R 1	1°53	28°23	0°47	20°42	29° 1	0°35	14°45	n.a.	F 16
S 17	11 19 26	21°47'11	17° 8	6°39	13°28	1°46	24° 1	1°58	28°20	0°49	20°43	28°54	0°32	14°51	n.a.	S 17
S 18	11 23 22	22°45'40	29° 2	8°29	14°42	2° 7	24° 1	2° 2	28°18	0°51	20°43	28°47	0°28	14°58	n.a.	S 18
M19	11 27 19	23°44'07	10♍53	10°20	15°56	2°27	24° 0	2° 6	28°15	0°52	20°43	28°41	0°25	15° 5	n.a.	M19
T 20	11 31 15	24°42'31	22°43	12°13	17°10	2°48	23°59	2°11	28°13	0°54	20°43	28°36	0°22	15°11	n.a.	T 20
W21	11 35 12	25°40'54	4♎34	14° 7	18°24	3°10	23°58	2°15	28°10	0°55	20°44	28°32	0°19	15°18	n.a.	W21
T 22	11 39 8	26°39'15	16°28	16° 3	19°38	3°32	23°57	2°20	28° 8	0°57	20°44	28°29	0°16	15°25	n.a.	T 22
F 23	11 43 5	27°37'34	28°27	18° 1	20°52	3°54	23°56	2°25	28° 5	0°58	20°44	28°D29	0°12	15°31	n.a.	F 23
S 24	11 47 1	28°35'51	10♏33	20° 0	22° 6	4°16	23°55	2°29	28° 3	0°59	20°45	28°29	0° 9	15°38	n.a.	S 24
S 25	11 50 58	29°34'07	22°50	22° 1	23°20	4°39	23°53	2°34	28° 0	1° 1	20°45	28°31	0° 6	15°45	n.a.	S 25
M26	11 54 54	0♈32'21	5♐22	24° 3	24°34	5° 2	23°51	2°39	27°57	1° 2	20°45	28°32	0° 3	15°52	n.a.	M26
T 27	11 58 51	1°30'33	18°10	26° 6	25°48	5°25	23°49	2°44	27°55	1° 4	20°46	28°34	29♎59	15°58	n.a.	T 27
W28	12 2 48	2°28'44	1♑20	28°11	27° 2	5°48	23°47	2°49	27°52	1° 5	20°46	28°R34	29°57	16° 5	n.a.	W28
T 29	12 6 44	3°26'53	14°54	0♈17	28°16	6°12	23°45	2°55	27°50	1° 6	20°47	28°34	29°53	16°12	n.a.	T 29
F 30	12 10 41	4°25'01	28°53	2°24	29°30	6°36	23°42	3° 0	27°47	1° 8	20°47	28°32	29°50	16°18	n.a.	F 30
S 31	12 14 37	5♈23'07	13♒17	4♈32	0♈43	7♋ 1	23♏39	3♊ 5	27♍45	1♒ 9	20♊48	28♎30	29♎47	16♍25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9s23	18s56	4n40	19s35	1s58	15s 5	1s23	26n46	3n 4	18s 6	0n51	19n31	1s 8	1n 5	0n44	20s44	0s25	24n12	0n48	11s33	12s 6	3n11			n.a.
F 2	9 1	17 16	5 2	19 15	2 2	14 40	1 24	26 44	3 2	18 6	0 51	19 31	1 7	1 6	0 44	20 44	0 25	24 12	0 48	11 31	12 4	3 9			n.a.
S 3	8 39	14 26	5 6	18 54	2 6	14 16	1 24	26 43	3 1	18 7	0 51	19 32	1 7	1 7	0 44	20 43	0 25	24 12	0 48	11 29	12 3	3 7			n.a.
S 4	8 16	10 36	4 49	18 31	2 10	13 50	1 25	26 42	2 59	18 7	0 51	19 33	1 7	1 8	0 44	20 43	0 25	24 12	0 48	11 26	12 2	3 5			n.a.
M 5	7 54	6 2	4 11	18 7	2 13	13 25	1 25	26 41	2 58	18 8	0 51	19 34	1 7	1 9	0 44	20 42	0 25	24 12	0 48	11 23	12 1	3 3			n.a.
T 6	7 31	1 2	3 15	17 41	2 15	12 59	1 26	26 39	2 56	18 8	0 52	19 35	1 6	1 10	0 44	20 42	0 25	24 12	0 48	11 21	12 0	3 1			n.a.
W 7	7 8	3n59	2 6	17 13	2 17	12 32	1 26	26 38	2 55	18 9	0 52	19 36	1 6	1 11	0 44	20 42	0 25	24 12	0 48	11 19	11 59	2 59			n.a.
T 8	6 46	8 40	0 49	16 44	2 19	12 6	1 26	26 37	2 53	18 9	0 52	19 37	1 6	1 12	0 44	20 41	0 25	24 12	0 48	11 19	11 58	2 57			n.a.
F 9	6 23	12 43	0s29	16 13	2 20	11 39	1 26	26 35	2 52	18 9	0 52	19 37	1 6	1 13	0 44	20 41	0 25	24 12	0 48	11 19	11 57	2 55			n.a.
S 10	6 0	15 54	1 43	15 41	2 20	11 12	1 27	26 34	2 50	18 9	0 52	19 38	1 6	1 14	0 44	20 40	0 25	24 12	0 48	11 19	11 56	2 53			n.a.
S 11	5 37	18 5	2 49	15 7	2 20	10 44	1 27	26 32	2 49	18 10	0 52	19 39	1 5	1 15	0 44	20 40	0 25	24 12	0 48	11 19	11 54	2 51			n.a.
M12	5 14	19 12	3 44	14 32	2 20	10 16	1 27	26 31	2 47	18 10	0 52	19 40	1 5	1 16	0 44	20 40	0 25	24 12	0 48	11 20	11 53	2 49			n.a.
T 13	4 51	19 17	4 26	13 55	2 19	9 48	1 27	26 29	2 46	18 10	0 52	19 41	1 5	1 17	0 44	20 39	0 26	24 12	0 48	11 19	11 52	2 47			n.a.
W14	4 28	18 24	4 54	13 16	2 18	9 20	1 26	26 28	2 44	18 10	0 52	19 42	1 5	1 18	0 44	20 39	0 26	24 12	0 48	11 19	11 51	2 44			n.a.
T 15	4 4	16 40	5 8	12 36	2 16	8 51	1 26	26 26	2 43	18 10	0 52	19 43	1 5	1 19	0 44	20 39	0 26	24 12	0 48	11 17	11 50	2 42			n.a.
F 16	3 41	14 13	5 8	11 54	2 13	8 22	1 26	26 25	2 41	18 10	0 52	19 44	1 4	1 20	0 44	20 38	0 26	24 12	0 48	11 15	11 49	2 40			n.a.
S 17	3 18	11 12	4 55	11 11	2 10	7 53	1 26	26 23	2 40	18 10	0 52	19 45	1 4	1 21	0 44	20 38	0 26	24 12	0 49	11 13	11 48	2 38			n.a.
S 18	2 54	7 46	4 29	10 26	2 6	7 24	1 25	26 21	2 39	18 10	0 52	19 46	1 4	1 22	0 44	20 38	0 26	24 12	0 49	11 10	11 47	2 36			n.a.
M19	2 31	4 1	3 51	9 40	2 2	6 55	1 25	26 19	2 37	18 9	0 52	19 47	1 4	1 23	0 44	20 37	0 26	24 12	0 49	11 8	11 45	2 34			n.a.
T 20	2 8	0 8	3 3	8 52	1 58	6 25	1 24	26 18	2 36	18 9	0 52	19 49	1 4	1 24	0 44	20 37	0 26	24 13	0 49	11 6	11 44	2 32			n.a.
W21	1 44	3s46	2 7	8 3	1 52	5 55	1 24	26 16	2 34	18 9	0 52	19 50	1 3	1 25	0 44	20 37	0 26	24 13	0 49	11 5	11 43	2 30			n.a.
T 22	1 21	7 33	1 5	7 12	1 47	5 26	1 23	26 14	2 33	18 9	0 52	19 51	1 3	1 26	0 44	20 36	0 26	24 13	0 49	11 4	11 42	2 28			n.a.
F 23	0 57	11 3	0 0	6 20	1 41	4 55	1 23	26 12	2 32	18 8	0 52	19 52	1 3	1 27	0 44	20 36	0 26	24 13	0 49	11 4	11 41	2 26			n.a.
S 24	0 34	14 8	1n 6	5 27	1 34	4 25	1 22	26 10	2 30	18 8	0 52	19 53	1 3	1 28	0 44	20 36	0 26	24 13	0 49	11 4	11 40	2 24			n.a.
S 25	0 10	16 37	2 10	4 32	1 27	3 55	1 21	26 8	2 29	18 8	0 52	19 54	1 3	1 29	0 44	20 36	0 26	24 13	0 49	11 4	11 39	2 22			n.a.
M26	0n13	18 21	3 9	3 36	1 19	3 25	1 20	26 6	2 28	18 7	0 52	19 55	1 2	1 30	0 44	20 35	0 26	24 13	0 49	11 5	11 37	2 20			n.a.
T 27	0 36	19 13	4 0	2 39	1 11	2 54	1 19	26 3	2 26	18 7	0 52	19 56	1 2	1 31	0 44	20 35	0 26	24 13	0 49	11 6	11 36	2 18			n.a.
W28	1 0	19 3	4 40	1 40	1 2	2 23	1 18	26 1	2 25	18 6	0 52	19 58	1 2	1 32	0 44	20 35	0 26	24 13	0 49	11 6	11 35	2 16			n.a.
T 29	1 23	17 49	5 6	0 41	0 53	1 53	1 17	25 59	2 24	18 5	0 52	19 59	1 2	1 33	0 44	20 35	0 26	24 13	0 49	11 6	11 34	2 14			n.a.
F 30	1 47	15 30	5 15	0n18	0 43	1 22	1 16	25 56	2 23	18 5	0 52	20 0	1 2	1 34	0 44	20 34	0 26	24 13	0 49	11 5	11 33	2 12			n.a.
S 31	2n10	12s10	5n 4	1n19	0s33	0s51	1s15	25n53	2n21	18s 4	0n52	20n 1	1s 2	1n35	0n44	20s34	0s26	24n13	0n49	11s 4	11s32	2n10			n.a.

Julian Day Number = 1613733.5, Delta T = 03h51m42s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'31, Lahiri = - 8°01'30 Julian Calendar 1 March 295 BCE == Greg. Calendar 25 Feb. 295 BCE

The year -294 astronomical counting style corresponds to year 295 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

APRIL 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 18 34	6♈21'11	28♒ 2	6♈41	1♈57	7♋25	23°R36	3♊11	27°R42	1♒10	20♊48	28°R27	29♎44	16♍32	n.a.	S 1
M 2	12 22 30	7°19'14	13♓ 3	8°50	3°11	7°50	23♏33	3°16	27♍40	1°11	20°49	28♎24	29°41	16°38	n.a.	M 2
T 3	12 26 27	8°17'16	28°11	11° 0	4°25	8°15	23°30	3°22	27°37	1°12	20°50	28°22	29°38	16°45	n.a.	T 3
W 4	12 30 23	9°15'15	13♈18	13°10	5°39	8°41	23°27	3°27	27°35	1°13	20°50	28°20	29°34	16°52	n.a.	W 4
T 5	12 34 20	10°13'13	28°13	15°19	6°53	9° 6	23°23	3°33	27°32	1°15	20°51	28°D20	29°31	16°58	n.a.	T 5
F 6	12 38 17	11°11'10	12♉50	17°28	8° 7	9°32	23°19	3°39	27°30	1°16	20°51	28°20	29°28	17° 5	n.a.	F 6
S 7	12 42 13	12° 9'04	27° 2	19°36	9°21	9°58	23°15	3°45	27°27	1°17	20°52	28°21	29°25	17°12	n.a.	S 7
S 8	12 46 10	13° 6'57	10♊48	21°43	10°34	10°25	23°11	3°50	27°25	1°18	20°53	28°23	29°22	17°18	n.a.	S 8
M 9	12 50 6	14° 4'48	24° 8	23°48	11°48	10°51	23° 7	3°56	27°22	1°19	20°54	28°24	29°18	17°25	n.a.	M 9
T 10	12 54 3	15° 2'36	7♋ 4	25°52	13° 2	11°18	23° 2	4° 2	27°20	1°20	20°54	28°24	29°15	17°32	n.a.	T 10
W11	12 57 59	16° 0'24	19°38	27°54	14°16	11°45	22°58	4° 9	27°18	1°20	20°55	28°R24	29°12	17°38	n.a.	W11
T 12	13 1 56	16°58'09	1♌56	29°54	15°30	12°12	22°53	4°15	27°15	1°21	20°56	28°24	29° 9	17°45	n.a.	T 12
F 13	13 5 52	17°55'52	14° 0	1♍51	16°43	12°40	22°48	4°21	27°13	1°22	20°57	28°23	29° 6	17°52	n.a.	F 13
S 14	13 9 49	18°53'34	25°56	3°46	17°57	13° 8	22°43	4°27	27°11	1°23	20°58	28°22	29° 3	17°58	n.a.	S 14
S 15	13 13 46	19°51'14	7♍47	5°39	19°11	13°35	22°38	4°33	27° 8	1°24	20°59	28°21	28°59	18° 5	n.a.	S 15
M16	13 17 42	20°48'53	19°36	7°28	20°25	14° 3	22°32	4°40	27° 6	1°25	20°59	28°20	28°56	18°12	n.a.	M16
T 17	13 21 39	21°46'29	1♎27	9°14	21°38	14°32	22°27	4°46	27° 4	1°25	21° 0	28°19	28°53	18°18	n.a.	T 17
W18	13 25 35	22°44'05	13°23	10°58	22°52	15° 0	22°21	4°53	27° 2	1°26	21° 1	28°18	28°50	18°25	n.a.	W18
T 19	13 29 32	23°41'39	25°24	12°38	24° 6	15°29	22°16	4°59	26°59	1°27	21° 2	28°D18	28°47	18°32	n.a.	T 19
F 20	13 33 28	24°39'12	7♏34	14°15	25°20	15°57	22°10	5° 6	26°57	1°27	21° 3	28°18	28°43	18°39	n.a.	F 20
S 21	13 37 25	25°36'43	19°54	15°49	26°33	16°26	22° 4	5°13	26°55	1°28	21° 4	28°18	28°40	18°45	n.a.	S 21
S 22	13 41 21	26°34'14	2♐25	17°20	27°47	16°55	21°58	5°19	26°53	1°28	21° 5	28°18	28°37	18°52	n.a.	S 22
M23	13 45 18	27°31'43	15°10	18°47	29° 1	17°25	21°51	5°26	26°51	1°29	21° 6	28°19	28°34	18°59	n.a.	M23
T 24	13 49 15	28°29'11	28°10	20°11	0♑15	17°54	21°45	5°33	26°49	1°29	21° 7	28°R19	28°31	19° 5	n.a.	T 24
W25	13 53 11	29°26'39	11♑27	21°32	1°28	18°24	21°39	5°40	26°47	1°30	21° 8	28°19	28°28	19°12	n.a.	W25
T 26	13 57 8	0♑24'05	25° 1	22°49	2°42	18°54	21°32	5°46	26°45	1°30	21° 9	28°D19	28°24	19°19	n.a.	T 26
F 27	14 1 4	1°21'31	8♒54	24° 2	3°56	19°24	21°25	5°53	26°43	1°31	21°10	28°19	28°21	19°25	n.a.	F 27
S 28	14 5 1	2°18'56	23° 5	25°12	5° 9	19°54	21°19	6° 0	26°41	1°31	21°12	28°19	28°18	19°32	n.a.	S 28
S 29	14 8 57	3°16'20	7♓32	26°19	6°23	20°24	21°12	6° 7	26°39	1°32	21°13	28°19	28°15	19°39	n.a.	S 29
M30	14 12 54	4♑13'43	22♓12	27♑22	7♑37	20♋54	21♏ 5	6♊14	26♍37	1♒32	21♊14	28♎20	28♎12	19♍45	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n33	8s 1	4n34	2n20	0s23	0s20	1s14	25n51	2n20	18s 3	0n53	20n 3	1s 1	1n36	0n44	20s34	0s26	24n13	0n49	11s 3	11s31	2n 8		n.a.
M 2	2 56	3 17	3 44	3 21	0 13	0n10	1 13	25 48	2 19	18 2	0 53	20 4	1 1	1 37	0 44	20 34	0 26	24 13	0 49	11 2	11 30	2 6		n.a.
T 3	3 20	1n42	2 39	4 22	0 2	0 41	1 11	25 45	2 18	18 2	0 53	20 5	1 1	1 38	0 44	20 33	0 26	24 14	0 49	11 1	11 28	2 4		n.a.
W 4	3 43	6 34	1 22	5 23	0n 8	1 12	1 10	25 42	2 16	18 1	0 53	20 6	1 1	1 39	0 44	20 33	0 26	24 14	0 49	11 1	11 27	2 2		n.a.
T 5	4 6	10 59	0 1	6 24	0 19	1 43	1 9	25 39	2 15	18 0	0 53	20 7	1 1	1 40	0 44	20 33	0 26	24 14	0 49	11 1	11 26	2 0		n.a.
F 6	4 29	14 37	1s19	7 24	0 30	2 14	1 7	25 36	2 14	17 59	0 53	20 9	1 1	1 41	0 44	20 33	0 26	24 14	0 49	11 1	11 25	1 58		n.a.
S 7	4 52	17 16	2 32	8 23	0 40	2 45	1 6	25 33	2 13	17 58	0 53	20 10	1 0	1 42	0 44	20 32	0 26	24 14	0 49	11 1	11 24	1 56		n.a.
S 8	5 14	18 48	3 34	9 21	0 51	3 15	1 4	25 30	2 11	17 57	0 53	20 11	1 0	1 43	0 44	20 32	0 26	24 14	0 50	11 2	11 23	1 54		n.a.
M 9	5 37	19 14	4 22	10 17	1 1	3 46	1 2	25 27	2 10	17 56	0 53	20 13	1 0	1 44	0 44	20 32	0 26	24 14	0 50	11 2	11 22	1 52		n.a.
T 10	6 0	18 38	4 55	11 13	1 11	4 17	1 1	25 23	2 9	17 55	0 53	20 14	1 0	1 45	0 44	20 32	0 26	24 14	0 50	11 2	11 20	1 50		n.a.
W11	6 22	17 6	5 13	12 6	1 20	4 47	0 59	25 19	2 8	17 53	0 53	20 15	1 0	1 46	0 44	20 32	0 26	24 14	0 50	11 2	11 19	1 48		n.a.
T 12	6 45	14 50	5 16	12 58	1 29	5 17	0 57	25 16	2 7	17 52	0 53	20 16	1 0	1 47	0 44	20 32	0 26	24 14	0 50	11 2	11 18	1 46		n.a.
F 13	7 7	11 57	5 5	13 47	1 38	5 48	0 56	25 12	2 6	17 51	0 53	20 18	0 59	1 48	0 44	20 31	0 26	24 15	0 50	11 2	11 17	1 44		n.a.
S 14	7 29	8 37	4 41	14 35	1 46	6 18	0 54	25 8	2 4	17 50	0 52	20 19	0 59	1 49	0 44	20 31	0 26	24 15	0 50	11 1	11 16	1 42		n.a.
S 15	7 51	4 58	4 5	15 20	1 53	6 48	0 52	25 4	2 3	17 48	0 52	20 20	0 59	1 49	0 44	20 31	0 26	24 15	0 50	11 1	11 15	1 40		n.a.
M16	8 13	1 7	3 19	16 3	2 0	7 18	0 50	25 0	2 2	17 47	0 52	20 22	0 59	1 50	0 44	20 31	0 26	24 15	0 50	11 0	11 14	1 38		n.a.
T 17	8 35	2s47	2 24	16 44	2 6	7 48	0 48	24 56	2 1	17 46	0 52	20 23	0 59	1 51	0 44	20 31	0 26	24 15	0 50	11 0	11 13	1 36		n.a.
W18	8 57	6 36	1 22	17 22	2 11	8 17	0 46	24 52	2 0	17 44	0 52	20 24	0 59	1 52	0 44	20 31	0 26	24 15	0 50	11 0	11 11	1 34		n.a.
T 19	9 18	10 11	0 16	17 58	2 16	8 47	0 44	24 47	1 59	17 43	0 52	20 26	0 58	1 53	0 44	20 30	0 26	24 15	0 50	11 0	11 10	1 32		n.a.
F 20	9 40	13 24	0n51	18 32	2 20	9 16	0 42	24 43	1 58	17 41	0 52	20 27	0 58	1 54	0 44	20 30	0 26	24 15	0 50	11 0	11 9	1 30		n.a.
S 21	10 1	16 3	1 57	19 3	2 23	9 45	0 40	24 38	1 57	17 40	0 52	20 28	0 58	1 55	0 44	20 30	0 26	24 15	0 50	11 0	11 8	1 28		n.a.
S 22	10 22	17 59	2 58	19 31	2 25	10 13	0 38	24 33	1 56	17 38	0 52	20 30	0 58	1 56	0 44	20 30	0 27	24 16	0 50	11 0	11 7	1 26		n.a.
M23	10 43	19 3	3 52	19 58	2 26	10 42	0 36	24 28	1 54	17 37	0 52	20 31	0 58	1 56	0 44	20 30	0 27	24 16	0 50	11 0	11 6	1 24		n.a.
T 24	11 4	19 8	4 35	20 22	2 27	11 10	0 34	24 23	1 53	17 35	0 52	20 33	0 58	1 57	0 44	20 30	0 27	24 16	0 50	11 0	11 4	1 22		n.a.
W25	11 25	18 11	5 4	20 43	2 27	11 38	0 31	24 18	1 52	17 33	0 52	20 34	0 58	1 58	0 44	20 30	0 27	24 16	0 50	11 0	11 3	1 20		n.a.
T 26	11 45	16 11	5 17	21 3	2 26	12 6	0 29	24 13	1 51	17 32	0 52	20 35	0 57	1 59	0 44	20 30	0 27	24 16	0 50	11 0	11 2	1 18		n.a.
F 27	12 5	13 14	5 12	21 20	2 24	12 33	0 27	24 7	1 50	17 30	0 52	20 37	0 57	1 59	0 44	20 30	0 27	24 16	0 50	11 0	11 1	1 16		n.a.
S 28	12 25	9 27	4 48	21 35	2 21	13 1	0 25	24 2	1 49	17 28	0 52	20 38	0 57	2 0	0 44	20 30	0 27	24 16	0 50	11 0	11 0	1 14		n.a.
S 29	12 45	5 2	4 6	21 47	2 18	13 27	0 22	23 56	1 48	17 27	0 52	20 39	0 57	2 1	0 44	20 30	0 27	24 16	0 50	11 0	10 59	1 12		n.a.
M30	13n 5	0s16	3n 8	21n58	2n13	13n54	0s20	23n51	1n47	17s25	0n52	20n41	0s57	2n 2	0n44	20s30	0s27	24n17	0n51	11s 0	10s58	1n10		n.a.

Julian Day Number = 1613764.5, Delta T = 03h51m41s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'26, Lahiri = - 8°01'26 Julian Calendar 1 Apr. 295 BCE == Greg. Calendar 28 March 295 BCE

The year -294 astronomical counting style corresponds to year 295 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

MAY 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 16 50	5♉11'05	6♈59	28♉21	8♉50	21♋25	20°R58	6♊22	26°R35	1♒32	21♊15	28♎20	28♎ 9	19♍52	n.a.	T 1
W 2	14 20 47	6° 8'27	21°47	29°16	10° 4	21°56	20♏51	6°29	26♍34	1°32	21°16	28°R20	28° 5	19°59	n.a.	W 2
T 3	14 24 43	7° 5'48	6♉30	0♊ 8	11°18	22°27	20°43	6°36	26°32	1°33	21°17	28°20	28° 2	20° 5	n.a.	T 3
F 4	14 28 40	8° 3'08	20°59	0°55	12°32	22°58	20°36	6°43	26°30	1°33	21°19	28°20	27°59	20°12	n.a.	F 4
S 5	14 32 37	9° 0'27	5♊ 9	1°39	13°45	23°29	20°29	6°50	26°28	1°33	21°20	28°19	27°56	20°19	n.a.	S 5
S 6	14 36 33	9°57'45	18°57	2°18	14°59	24° 0	20°21	6°58	26°27	1°33	21°21	28°17	27°53	20°25	n.a.	S 6
M 7	14 40 30	10°55'02	2♋21	2°53	16°13	24°32	20°14	7° 5	26°25	1°33	21°22	28°16	27°49	20°32	n.a.	M 7
T 8	14 44 26	11°52'18	15°21	3°24	17°26	25° 3	20° 7	7°12	26°24	1°33	21°24	28°14	27°46	20°39	n.a.	T 8
W 9	14 48 23	12°49'33	27°59	3°50	18°40	25°35	19°59	7°20	26°22	1°R33	21°25	28°13	27°43	20°45	n.a.	W 9
T 10	14 52 19	13°46'47	10♌18	4°12	19°54	26° 7	19°52	7°27	26°21	1°33	21°26	28°D13	27°40	20°52	n.a.	T 10
F 11	14 56 16	14°44'00	22°23	4°30	21° 7	26°39	19°44	7°35	26°19	1°33	21°28	28°13	27°37	20°59	n.a.	F 11
S 12	15 0 13	15°41'12	4♍19	4°43	22°21	27°11	19°36	7°42	26°18	1°33	21°29	28°14	27°34	21° 5	n.a.	S 12
S 13	15 4 9	16°38'23	16°10	4°51	23°34	27°43	19°29	7°50	26°17	1°33	21°30	28°15	27°30	21°12	n.a.	S 13
M14	15 8 6	17°35'33	28° 0	4°R55	24°48	28°16	19°21	7°57	26°15	1°33	21°32	28°17	27°27	21°19	n.a.	M14
T 15	15 12 2	18°32'43	9♎53	4°54	26° 2	28°48	19°13	8° 5	26°14	1°33	21°33	28°18	27°24	21°25	n.a.	T 15
W16	15 15 59	19°29'51	21°54	4°49	27°15	29°21	19° 6	8°12	26°13	1°32	21°34	28°19	27°21	21°32	n.a.	W16
T 17	15 19 55	20°27'00	4♏ 5	4°40	28°29	29°54	18°58	8°20	26°12	1°32	21°36	28°R19	27°18	21°39	n.a.	T 17
F 18	15 23 52	21°24'07	16°28	4°26	29°43	0♌27	18°50	8°27	26°11	1°32	21°37	28°18	27°15	21°45	n.a.	F 18
S 19	15 27 48	22°21'15	29° 5	4° 8	0♊56	1° 0	18°43	8°35	26°10	1°32	21°39	28°16	27°11	21°52	n.a.	S 19
S 20	15 31 45	23°18'22	11♐57	3°47	2°10	1°33	18°35	8°43	26° 9	1°31	21°40	28°13	27° 8	21°59	n.a.	S 20
M21	15 35 42	24°15'28	25° 3	3°22	3°23	2° 6	18°28	8°50	26° 8	1°31	21°42	28° 9	27° 5	22° 5	n.a.	M21
T 22	15 39 38	25°12'35	8♑22	2°54	4°37	2°39	18°20	8°58	26° 7	1°30	21°43	28° 5	27° 2	22°12	n.a.	T 22
W23	15 43 35	26° 9'41	21°55	2°24	5°51	3°13	18°12	9° 6	26° 6	1°30	21°45	28° 1	26°59	22°19	n.a.	W23
T 24	15 47 31	27° 6'48	5♒40	1°51	7° 4	3°46	18° 5	9°14	26° 5	1°30	21°46	27°59	26°55	22°25	n.a.	T 24
F 25	15 51 28	28° 3'54	19°36	1°17	8°18	4°20	17°58	9°21	26° 4	1°29	21°47	27°57	26°52	22°32	n.a.	F 25
S 26	15 55 24	29° 1'00	3♓42	0°42	9°31	4°54	17°50	9°29	26° 3	1°29	21°49	27°D57	26°49	22°39	n.a.	S 26
S 27	15 59 21	29°58'07	17°56	0° 7	10°45	5°28	17°43	9°37	26° 3	1°28	21°50	27°58	26°46	22°45	n.a.	S 27
M28	16 3 17	0♊55'14	2♈15	29♉32	11°59	6° 2	17°35	9°45	26° 2	1°27	21°52	27°59	26°43	22°52	n.a.	M28
T 29	16 7 14	1°52'20	16°39	28°57	13°12	6°36	17°28	9°52	26° 2	1°27	21°54	28° 0	26°40	22°59	n.a.	T 29
W30	16 11 11	2°49'28	1♉ 2	28°25	14°26	7°10	17°21	10° 0	26° 1	1°26	21°55	28°R 1	26°36	23° 5	n.a.	W30
T 31	16 15 7	3♊46'35	15♉20	27♉54	15♊39	7♌44	17♏14	10♊ 8	26♍ 1	1♒26	21♊57	28♎ 0	26♎33	23♍12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	13n24	4n34	1n56	22n 7	2n 8	14n20	0s18	23n45	1n46	17s23	0n52	20n42	0s57	2n 2	0n44	20s30	0s27	24n17	0n51	11s 1	10s56	1n 8			n.a.
W 2	13 44	9 9	0 36	22 13	2 2	14 46	0 16	23 39	1 45	17 21	0 52	20 43	0 57	2 3	0 44	20 30	0 27	24 17	0 51	11 1	10 55	1 6			n.a.
T 3	14 3	13 8	0s45	22 18	1 55	15 12	0 13	23 33	1 44	17 19	0 52	20 45	0 56	2 4	0 44	20 30	0 27	24 17	0 51	11 1	10 54	1 4			n.a.
F 4	14 22	16 15	2 2	22 20	1 47	15 37	0 11	23 26	1 43	17 17	0 51	20 46	0 56	2 4	0 44	20 30	0 27	24 17	0 51	11 1	10 53	1 2			n.a.
S 5	14 40	18 18	3 10	22 21	1 39	16 1	0 8	23 20	1 42	17 16	0 51	20 47	0 56	2 5	0 44	20 30	0 27	24 17	0 51	11 0	10 52	1 0			n.a.
S 6	14 59	19 11	4 5	22 20	1 29	16 26	0 6	23 13	1 41	17 14	0 51	20 49	0 56	2 6	0 44	20 30	0 27	24 17	0 51	11 0	10 51	0 58			n.a.
M 7	15 17	18 58	4 45	22 16	1 19	16 50	0 4	23 7	1 40	17 12	0 51	20 50	0 56	2 6	0 44	20 30	0 27	24 17	0 51	10 59	10 50	0 56			n.a.
T 8	15 35	17 43	5 9	22 12	1 8	17 13	0 1	23 0	1 39	17 10	0 51	20 52	0 56	2 7	0 44	20 30	0 27	24 18	0 51	10 59	10 48	0 54			n.a.
W 9	15 53	15 39	5 17	22 5	0 56	17 36	0n 1	22 53	1 38	17 8	0 51	20 53	0 56	2 7	0 43	20 30	0 27	24 18	0 51	10 58	10 47	0 52			n.a.
T 10	16 10	12 54	5 10	21 57	0 43	17 59	0 3	22 46	1 37	17 6	0 51	20 54	0 56	2 8	0 43	20 30	0 27	24 18	0 51	10 58	10 46	0 50			n.a.
F 11	16 27	9 40	4 49	21 47	0 30	18 21	0 6	22 39	1 36	17 4	0 51	20 56	0 55	2 9	0 43	20 30	0 27	24 18	0 51	10 58	10 45	0 48			n.a.
S 12	16 44	6 4	4 16	21 36	0 16	18 43	0 8	22 32	1 35	17 2	0 51	20 57	0 55	2 9	0 43	20 30	0 27	24 18	0 51	10 58	10 44	0 46			n.a.
S 13	17 1	2 16	3 32	21 23	0 1	19 4	0 11	22 24	1 34	17 0	0 51	20 58	0 55	2 10	0 43	20 30	0 27	24 18	0 51	10 59	10 43	0 44			n.a.
M14	17 17	1s38	2 40	21 9	0s14	19 24	0 13	22 17	1 33	16 58	0 50	21 0	0 55	2 10	0 43	20 30	0 27	24 18	0 51	10 59	10 41	0 42			n.a.
T 15	17 33	5 29	1 40	20 53	0 30	19 45	0 15	22 9	1 32	16 56	0 50	21 1	0 55	2 10	0 43	20 30	0 27	24 19	0 51	11 0	10 40	0 40			n.a.
W16	17 49	9 11	0 35	20 36	0 46	20 4	0 18	22 1	1 31	16 54	0 50	21 2	0 55	2 11	0 43	20 30	0 27	24 19	0 51	11 0	10 39	0 38			n.a.
T 17	18 5	12 32	0n32	20 18	1 2	20 23	0 20	21 53	1 30	16 52	0 50	21 4	0 55	2 11	0 43	20 30	0 27	24 19	0 51	11 0	10 38	0 36			n.a.
F 18	18 20	15 24	1 38	20 0	1 19	20 42	0 22	21 45	1 29	16 50	0 50	21 5	0 55	2 12	0 43	20 30	0 27	24 19	0 51	11 0	10 37	0 34			n.a.
S 19	18 35	17 34	2 41	19 40	1 36	21 0	0 25	21 37	1 28	16 48	0 50	21 6	0 55	2 12	0 43	20 30	0 27	24 19	0 52	10 59	10 36	0 32			n.a.
S 20	18 49	18 54	3 37	19 20	1 52	21 17	0 27	21 29	1 28	16 46	0 50	21 8	0 54	2 13	0 43	20 30	0 27	24 19	0 52	10 58	10 35	0 30			n.a.
M21	19 4	19 15	4 23	18 59	2 9	21 34	0 29	21 20	1 27	16 44	0 49	21 9	0 54	2 13	0 43	20 30	0 27	24 19	0 52	10 57	10 33	0 28			n.a.
T 22	19 18	18 33	4 55	18 38	2 25	21 50	0 32	21 12	1 26	16 42	0 49	21 10	0 54	2 13	0 43	20 30	0 27	24 20	0 52	10 55	10 32	0 26			n.a.
W23	19 32	16 48	5 12	18 16	2 40	22 6	0 34	21 3	1 25	16 40	0 49	21 11	0 54	2 14	0 43	20 31	0 27	24 20	0 52	10 54	10 31	0 24			n.a.
T 24	19 45	14 4	5 11	17 55	2 55	22 21	0 36	20 54	1 24	16 38	0 49	21 13	0 54	2 14	0 43	20 31	0 27	24 20	0 52	10 53	10 30	0 22			n.a.
F 25	19 58	10 30	4 51	17 35	3 9	22 35	0 38	20 45	1 23	16 36	0 49	21 14	0 54	2 14	0 43	20 31	0 27	24 20	0 52	10 52	10 29	0 20			n.a.
S 26	20 11	6 19	4 15	17 15	3 23	22 49	0 41	20 36	1 22	16 35	0 49	21 15	0 54	2 14	0 43	20 31	0 27	24 20	0 52	10 52	10 28	0 18			n.a.
S 27	20 23	1 44	3 22	16 55	3 35	23 2	0 43	20 27	1 21	16 33	0 48	21 17	0 54	2 15	0 43	20 31	0 27	24 20	0 52	10 53	10 26	0 16			n.a.
M28	20 35	2n59	2 16	16 37	3 46	23 14	0 45	20 17	1 20	16 31	0 48	21 18	0 54	2 15	0 43	20 31	0 27	24 20	0 52	10 53	10 25	0 14			n.a.
T 29	20 47	7 34	1 2	16 20	3 56	23 26	0 47	20 8	1 19	16 29	0 48	21 19	0 54	2 15	0 43	20 31	0 28	24 21	0 52	10 53	10 24	0 12			n.a.
W30	20 59	11 43	0s16	16 5	4 4	23 37	0 49	19 58	1 18	16 27	0 48	21 20	0 53	2 15	0 43	20 32	0 28	24 21	0 52	10 54	10 23	0 10			n.a.
T 31	21n10	15n 9	1s33	15n51	4s11	23n48	0n51	19n48	1n17	16s25	0n48	21n22	0s53	2n15	0n43	20s32	0s28	24n21	0n52	10s53	10s22	0n 8			n.a.

Julian Day Number = 1613794.5, Delta T = 03h51m40s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'22, Lahiri = - 8°01'22 Julian Calendar 1 May 295 BCE == Greg. Calendar 27 Apr. 295 BCE

The year -294 astronomical counting style corresponds to year 295 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

JUNE 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 19 4	4♊43'42	29♉30	27°R25	16♊53	8♌19	17°R 7	10♊16	26°R 0	1°R25	21♊58	27°R57	26♎30	23♍19	n.a.	F 1
S 2	16 23 0	5°40'50	13♊27	27♉ 0	18° 7	8°53	17♏ 0	10°24	26♍ 0	1♒24	22° 0	27♎52	26°27	23°25	n.a.	S 2
S 3	16 26 57	6°37'57	27° 5	26°38	19°20	9°28	16°53	10°32	26° 0	1°23	22° 1	27°46	26°24	23°32	n.a.	S 3
M 4	16 30 53	7°35'05	10♋24	26°20	20°34	10° 3	16°46	10°39	25°59	1°23	22° 3	27°40	26°21	23°39	n.a.	M 4
T 5	16 34 50	8°32'12	23°22	26° 6	21°47	10°37	16°40	10°47	25°59	1°22	22° 4	27°34	26°17	23°45	n.a.	T 5
W 6	16 38 46	9°29'20	6♌ 0	25°56	23° 1	11°12	16°33	10°55	25°59	1°21	22° 6	27°28	26°14	23°52	n.a.	W 6
T 7	16 42 43	10°26'27	18°20	25°D52	24°15	11°47	16°27	11° 3	25°59	1°20	22° 8	27°24	26°11	23°59	n.a.	T 7
F 8	16 46 40	11°23'34	0♍26	25°52	25°28	12°23	16°20	11°11	25°59	1°19	22° 9	27°22	26° 8	24° 5	n.a.	F 8
S 9	16 50 36	12°20'42	12°21	25°57	26°42	12°58	16°14	11°19	25°D59	1°18	22°11	27°D21	26° 5	24°12	n.a.	S 9
S 10	16 54 33	13°17'49	24°12	26° 8	27°55	13°33	16° 8	11°27	25°59	1°17	22°12	27°22	26° 1	24°19	n.a.	S 10
M11	16 58 29	14°14'56	6♎ 2	26°23	29° 9	14° 9	16° 2	11°34	25°59	1°16	22°14	27°23	25°58	24°25	n.a.	M11
T 12	17 2 26	15°12'04	17°58	26°44	0♋22	14°44	15°56	11°42	25°59	1°15	22°16	27°24	25°55	24°32	n.a.	T 12
W13	17 6 22	16° 9'12	0♏ 3	27°11	1°36	15°20	15°50	11°50	25°59	1°14	22°17	27°R24	25°52	24°39	n.a.	W13
T 14	17 10 19	17° 6'20	12°22	27°42	2°50	15°55	15°45	11°58	26° 0	1°13	22°19	27°23	25°49	24°45	n.a.	T 14
F 15	17 14 15	18° 3'28	24°58	28°19	4° 3	16°31	15°39	12° 6	26° 0	1°12	22°20	27°20	25°46	24°52	n.a.	F 15
S 16	17 18 12	19° 0'37	7♐52	29° 2	5°17	17° 7	15°34	12°14	26° 0	1°11	22°22	27°15	25°42	24°59	n.a.	S 16
S 17	17 22 9	19°57'46	21° 5	29°49	6°30	17°43	15°29	12°21	26° 1	1°10	22°24	27° 7	25°39	25° 5	n.a.	S 17
M18	17 26 5	20°54'56	4♑35	0♊42	7°44	18°19	15°24	12°29	26° 1	1° 9	22°25	26°59	25°36	25°12	n.a.	M18
T 19	17 30 2	21°52'07	18°21	1°40	8°57	18°55	15°19	12°37	26° 2	1° 8	22°27	26°50	25°33	25°19	n.a.	T 19
W20	17 33 58	22°49'18	2♒18	2°42	10°11	19°31	15°14	12°45	26° 2	1° 7	22°28	26°42	25°30	25°25	n.a.	W20
T 21	17 37 55	23°46'30	16°23	3°50	11°24	20° 8	15°10	12°53	26° 3	1° 5	22°30	26°35	25°27	25°32	n.a.	T 21
F 22	17 41 51	24°43'44	0♓32	5° 3	12°38	20°44	15° 5	13° 0	26° 4	1° 4	22°32	26°31	25°23	25°39	n.a.	F 22
S 23	17 45 48	25°40'58	14°42	6°20	13°51	21°21	15° 1	13° 8	26° 4	1° 3	22°33	26°29	25°20	25°45	n.a.	S 23
S 24	17 49 45	26°38'13	28°52	7°42	15° 5	21°57	14°57	13°16	26° 5	1° 2	22°35	26°D28	25°17	25°52	n.a.	S 24
M25	17 53 41	27°35'29	13♈ 0	9° 9	16°18	22°34	14°53	13°24	26° 6	1° 0	22°36	26°29	25°14	25°59	n.a.	M25
T 26	17 57 38	28°32'46	27° 4	10°40	17°32	23°11	14°49	13°31	26° 7	0°59	22°38	26°R29	25°11	26° 5	n.a.	T 26
W27	18 1 34	29°30'05	11♉ 3	12°15	18°45	23°47	14°46	13°39	26° 8	0°58	22°40	26°28	25° 7	26°12	n.a.	W27
T 28	18 5 31	0♋27'25	24°57	13°54	19°59	24°24	14°42	13°47	26° 9	0°56	22°41	26°25	25° 4	26°19	n.a.	T 28
F 29	18 9 27	1°24'45	8♊42	15°37	21°12	25° 1	14°39	13°54	26°10	0°55	22°43	26°20	25° 1	26°25	n.a.	F 29
S 30	18 13 24	2♋22'07	22♊16	17♊24	22♋26	25♌38	14♏36	14♊ 2	26♍11	0♒54	22♊44	26♎11	24♎58	26♍32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n20	17n38	2s43	15n40	4s16	23n57	0n53	19n38	1n17	16s23	0n48	21n23	0s53	2n15	0n43	20s32	0s28	24n21	0n52	10s52	10s21	0n 6		n.a.
S 2	21 31	19 1	3 42	15 30	4 20	24 6	0 55	19 28	1 16	16 22	0 47	21 24	0 53	2 16	0 43	20 32	0 28	24 21	0 52	10 51	10 19	0 4		n.a.
S 3	21 41	19 15	4 27	15 22	4 23	24 15	0 57	19 18	1 15	16 20	0 47	21 25	0 53	2 16	0 43	20 32	0 28	24 21	0 52	10 48	10 18	0 2		n.a.
M 4	21 50	18 24	4 56	15 17	4 24	24 22	0 59	19 8	1 14	16 18	0 47	21 26	0 53	2 16	0 42	20 33	0 28	24 21	0 52	10 46	10 17	0 0		n.a.
T 5	22 0	16 36	5 9	15 14	4 24	24 29	1 1	18 57	1 13	16 16	0 47	21 28	0 53	2 16	0 42	20 33	0 28	24 22	0 52	10 44	10 16	0s 2		n.a.
W 6	22 8	14 3	5 7	15 14	4 22	24 35	1 3	18 47	1 12	16 15	0 47	21 29	0 53	2 16	0 42	20 33	0 28	24 22	0 53	10 42	10 15	0 4		n.a.
T 7	22 17	10 55	4 50	15 16	4 19	24 41	1 5	18 36	1 11	16 13	0 46	21 30	0 53	2 16	0 42	20 33	0 28	24 22	0 53	10 40	10 14	0 6		n.a.
F 8	22 25	7 24	4 20	15 20	4 15	24 45	1 6	18 25	1 10	16 11	0 46	21 31	0 53	2 16	0 42	20 33	0 28	24 22	0 53	10 39	10 12	0 8		n.a.
S 9	22 33	3 38	3 40	15 26	4 9	24 49	1 8	18 14	1 10	16 10	0 46	21 32	0 53	2 16	0 42	20 34	0 28	24 22	0 53	10 39	10 11	0 10		n.a.
S 10	22 40	0s16	2 50	15 35	4 3	24 53	1 10	18 3	1 9	16 8	0 46	21 34	0 52	2 16	0 42	20 34	0 28	24 22	0 53	10 39	10 10	0 12		n.a.
M11	22 47	4 9	1 53	15 46	3 55	24 55	1 11	17 52	1 8	16 7	0 46	21 35	0 52	2 16	0 42	20 34	0 28	24 23	0 53	10 40	10 9	0 14		n.a.
T 12	22 54	7 55	0 51	15 59	3 47	24 57	1 13	17 41	1 7	16 5	0 45	21 36	0 52	2 15	0 42	20 34	0 28	24 23	0 53	10 40	10 8	0 16		n.a.
W13	23 0	11 24	0n14	16 14	3 38	24 58	1 15	17 29	1 6	16 4	0 45	21 37	0 52	2 15	0 42	20 35	0 28	24 23	0 53	10 40	10 7	0 18		n.a.
T 14	23 6	14 28	1 20	16 31	3 28	24 58	1 16	17 18	1 5	16 2	0 45	21 38	0 52	2 15	0 42	20 35	0 28	24 23	0 53	10 40	10 5	0 20		n.a.
F 15	23 11	16 56	2 23	16 49	3 17	24 57	1 17	17 6	1 4	16 1	0 45	21 39	0 52	2 15	0 42	20 35	0 28	24 23	0 53	10 39	10 4	0 22		n.a.
S 16	23 16	18 36	3 20	17 10	3 6	24 56	1 19	16 54	1 4	15 59	0 45	21 40	0 52	2 15	0 42	20 35	0 28	24 23	0 53	10 37	10 3	0 24		n.a.
S 17	23 21	19 18	4 8	17 32	2 54	24 54	1 20	16 42	1 3	15 58	0 44	21 41	0 52	2 15	0 42	20 36	0 28	24 24	0 53	10 34	10 2	0 26		n.a.
M18	23 25	18 56	4 43	17 55	2 41	24 51	1 21	16 30	1 2	15 57	0 44	21 43	0 52	2 14	0 42	20 36	0 28	24 24	0 53	10 31	10 1	0 28		n.a.
T 19	23 29	17 28	5 2	18 19	2 29	24 48	1 23	16 18	1 1	15 56	0 44	21 44	0 52	2 14	0 42	20 36	0 28	24 24	0 53	10 28	10 0	0 30		n.a.
W20	23 32	14 57	5 4	18 44	2 16	24 43	1 24	16 6	1 0	15 54	0 44	21 45	0 52	2 14	0 42	20 37	0 28	24 24	0 53	10 25	9 58	0 32		n.a.
T 21	23 35	11 33	4 48	19 10	2 2	24 38	1 25	15 53	0 59	15 53	0 43	21 46	0 52	2 14	0 42	20 37	0 28	24 24	0 53	10 23	9 57	0 34		n.a.
F 22	23 37	7 28	4 14	19 37	1 49	24 33	1 26	15 41	0 59	15 52	0 43	21 47	0 52	2 13	0 42	20 37	0 28	24 24	0 54	10 21	9 56	0 36		n.a.
S 23	23 39	2 58	3 24	20 4	1 35	24 26	1 27	15 28	0 58	15 51	0 43	21 48	0 51	2 13	0 42	20 37	0 28	24 24	0 54	10 20	9 55	0 38		n.a.
S 24	23 41	1n43	2 22	20 31	1 21	24 19	1 28	15 15	0 57	15 50	0 43	21 49	0 51	2 13	0 42	20 38	0 28	24 25	0 54	10 20	9 54	0 39		n.a.
M25	23 42	6 17	1 12	20 58	1 8	24 11	1 28	15 2	0 56	15 49	0 42	21 50	0 51	2 12	0 42	20 38	0 28	24 25	0 54	10 20	9 53	0 41		n.a.
T 26	23 43	10 30	0s 3	21 25	0 54	24 2	1 29	14 50	0 55	15 48	0 42	21 51	0 51	2 12	0 42	20 38	0 28	24 25	0 54	10 20	9 51	0 43		n.a.
W27	23 44	14 6	1 17	21 52	0 41	23 53	1 30	14 36	0 54	15 47	0 42	21 52	0 51	2 11	0 42	20 39	0 28	24 25	0 54	10 20	9 50	0 45		n.a.
T 28	23 44	16 53	2 26	22 17	0 28	23 43	1 31	14 23	0 54	15 47	0 42	21 53	0 51	2 11	0 41	20 39	0 28	24 25	0 54	10 19	9 49	0 47		n.a.
F 29	23 43	18 39	3 25	22 42	0 15	23 32	1 31	14 10	0 53	15 46	0 42	21 54	0 51	2 11	0 41	20 39	0 28	24 25	0 54	10 17	9 48	0 49		n.a.
S 30	23n42	19n19	4s12	23n 5	0s 2	23n20	1n32	13n56	0n52	15s45	0n41	21n55	0s51	2n10	0n41	20s40	0s28	24n26	0n54	10s14	9s47	0s51		n.a.

Julian Day Number = 1613825.5, Delta T = 03h51m39s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'18, Lahiri = - 8°01'18 Julian Calendar 1 June 295 BCE == Greg. Calendar 28 May 295 BCE

The year -294 astronomical counting style corresponds to year 295 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

JULY 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 17 20	3♋19'30	5♋37	19♊13	23♋39	26♌16	14°R33	14♊ 9	26♍12	0°R52	22♊46	26°R 1	24♎55	26♍39	n.a.	S 1
M 2	18 21 17	4°16'54	18°42	21° 6	24°53	26°53	14♏30	14°17	26°13	0♒51	22°48	25♎50	24°52	26°45	n.a.	M 2
T 3	18 25 14	5°14'19	1♌31	23° 1	26° 6	27°30	14°28	14°25	26°14	0°49	22°49	25°38	24°48	26°52	n.a.	T 3
W 4	18 29 10	6°11'45	14° 3	24°59	27°20	28° 8	14°25	14°32	26°16	0°48	22°51	25°28	24°45	26°59	n.a.	W 4
T 5	18 33 7	7° 9'12	26°19	26°58	28°33	28°45	14°23	14°40	26°17	0°46	22°52	25°19	24°42	27° 5	n.a.	T 5
F 6	18 37 3	8° 6'39	8♍23	28°59	29°47	29°23	14°21	14°47	26°18	0°45	22°54	25°13	24°39	27°12	n.a.	F 6
S 7	18 41 0	9° 4'08	20°17	1♋ 1	1♌ 0	0♍ 0	14°19	14°54	26°20	0°43	22°56	25°10	24°36	27°19	n.a.	S 7
S 8	18 44 56	10° 1'37	2♎ 6	3° 4	2°13	0°38	14°18	15° 2	26°21	0°42	22°57	25° 8	24°32	27°25	n.a.	S 8
M 9	18 48 53	10°59'08	13°56	5° 8	3°27	1°16	14°16	15° 9	26°23	0°40	22°59	25°D 8	24°29	27°32	n.a.	M 9
T 10	18 52 49	11°56'39	25°51	7°11	4°40	1°54	14°15	15°16	26°24	0°39	23° 0	25°R 8	24°26	27°39	n.a.	T 10
W11	18 56 46	12°54'12	7♏58	9°15	5°54	2°32	14°14	15°24	26°26	0°37	23° 2	25° 8	24°23	27°45	n.a.	W11
T 12	19 0 43	13°51'45	20°21	11°18	7° 7	3°10	14°13	15°31	26°28	0°36	23° 3	25° 5	24°20	27°52	n.a.	T 12
F 13	19 4 39	14°49'20	3♐ 4	13°21	8°20	3°48	14°12	15°38	26°30	0°34	23° 5	25° 1	24°17	27°59	n.a.	F 13
S 14	19 8 36	15°46'56	16°10	15°23	9°34	4°26	14°12	15°45	26°31	0°33	23° 6	24°54	24°13	28° 5	n.a.	S 14
S 15	19 12 32	16°44'33	29°39	17°25	10°47	5° 5	14°11	15°53	26°33	0°31	23° 8	24°44	24°10	28°12	n.a.	S 15
M16	19 16 29	17°42'12	13♑31	19°25	12° 0	5°43	14°D11	16° 0	26°35	0°30	23° 9	24°33	24° 7	28°19	n.a.	M16
T 17	19 20 25	18°39'52	27°42	21°24	13°14	6°22	14°11	16° 7	26°37	0°28	23°11	24°21	24° 4	28°25	n.a.	T 17
W18	19 24 22	19°37'33	12♒ 5	23°23	14°27	7° 0	14°11	16°14	26°39	0°26	23°12	24°10	24° 1	28°32	n.a.	W18
T 19	19 28 18	20°35'16	26°36	25°20	15°40	7°39	14°12	16°21	26°41	0°25	23°14	24° 1	23°58	28°39	n.a.	T 19
F 20	19 32 15	21°33'00	11♓ 6	27°15	16°54	8°17	14°12	16°28	26°43	0°23	23°15	23°55	23°54	28°45	n.a.	F 20
S 21	19 36 12	22°30'47	25°32	29°10	18° 7	8°56	14°13	16°35	26°45	0°21	23°17	23°51	23°51	28°52	n.a.	S 21
S 22	19 40 8	23°28'35	9♈49	1♌ 3	19°20	9°35	14°14	16°41	26°47	0°20	23°18	23°49	23°48	28°59	n.a.	S 22
M23	19 44 5	24°26'25	23°55	2°55	20°33	10°14	14°15	16°48	26°49	0°18	23°20	23°49	23°45	29° 5	n.a.	M23
T 24	19 48 1	25°24'17	7♉51	4°45	21°46	10°53	14°17	16°55	26°52	0°17	23°21	23°49	23°42	29°12	n.a.	T 24
W25	19 51 58	26°22'11	21°35	6°34	23° 0	11°32	14°18	17° 2	26°54	0°15	23°22	23°48	23°38	29°19	n.a.	W25
T 26	19 55 54	27°20'07	5♊ 8	8°22	24°13	12°11	14°20	17° 8	26°56	0°13	23°24	23°44	23°35	29°25	n.a.	T 26
F 27	19 59 51	28°18'05	18°30	10° 8	25°26	12°50	14°22	17°15	26°59	0°12	23°25	23°37	23°32	29°32	n.a.	F 27
S 28	20 3 47	29°16'05	1♋41	11°53	26°39	13°30	14°24	17°22	27° 1	0°10	23°26	23°28	23°29	29°39	n.a.	S 28
S 29	20 7 44	0♌14'07	14°41	13°37	27°52	14° 9	14°26	17°28	27° 3	0° 8	23°28	23°16	23°26	29°45	n.a.	S 29
M30	20 11 41	1°12'10	27°28	15°20	29° 6	14°49	14°29	17°34	27° 6	0° 7	23°29	23° 3	23°23	29°52	n.a.	M30
T 31	20 15 37	2♌10'15	10♌ 2	17♌ 1	0♍19	15♍28	14♏31	17♊41	27♍ 8	0♒ 5	23♊30	22♎50	23♎19	29♍59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n41	18n53	4s44	23n27	0n10	23n 8	1n32	13n43	0n51	15s45	0n41	21n56	0s51	2n10	0n41	20s40	0s28	24n26	0n54	10s10	9s46	0s53			n.a.
M 2	23 39	17 27	5 0	23 47	0 21	22 55	1 32	13 29	0 50	15 44	0 41	21 57	0 51	2 9	0 41	20 40	0 28	24 26	0 54	10 6	9 44	0 55			n.a.
T 3	23 37	15 10	5 1	24 4	0 32	22 42	1 33	13 16	0 50	15 43	0 41	21 58	0 51	2 9	0 41	20 41	0 28	24 26	0 54	10 2	9 43	0 57			n.a.
W 4	23 35	12 14	4 47	24 20	0 42	22 28	1 33	13 2	0 49	15 43	0 40	21 59	0 51	2 8	0 41	20 41	0 28	24 26	0 54	9 58	9 42	0 59			n.a.
T 5	23 32	8 49	4 20	24 33	0 52	22 13	1 33	12 48	0 48	15 43	0 40	22 0	0 51	2 7	0 41	20 41	0 28	24 26	0 54	9 55	9 41	1 1			n.a.
F 6	23 29	5 6	3 42	24 44	1 1	21 58	1 33	12 34	0 47	15 42	0 40	22 1	0 51	2 7	0 41	20 42	0 28	24 27	0 54	9 52	9 40	1 3			n.a.
S 7	23 25	1 14	2 54	24 52	1 9	21 41	1 33	12 20	0 46	15 42	0 40	22 1	0 51	2 6	0 41	20 42	0 28	24 27	0 55	9 51	9 38	1 5			n.a.
S 8	23 21	2s40	1 59	24 58	1 16	21 25	1 33	12 5	0 46	15 42	0 39	22 2	0 51	2 6	0 41	20 42	0 28	24 27	0 55	9 51	9 37	1 7			n.a.
M 9	23 16	6 28	0 59	25 0	1 23	21 7	1 33	11 51	0 45	15 41	0 39	22 3	0 51	2 5	0 41	20 43	0 28	24 27	0 55	9 50	9 36	1 9			n.a.
T 10	23 11	10 3	0n 4	25 0	1 28	20 50	1 33	11 37	0 44	15 41	0 39	22 4	0 51	2 4	0 41	20 43	0 28	24 27	0 55	9 50	9 35	1 11			n.a.
W11	23 6	13 16	1 8	24 57	1 33	20 31	1 33	11 22	0 43	15 41	0 39	22 5	0 50	2 3	0 41	20 43	0 28	24 27	0 55	9 50	9 34	1 13			n.a.
T 12	23 0	15 58	2 10	24 52	1 38	20 12	1 32	11 7	0 42	15 41	0 38	22 6	0 50	2 3	0 41	20 44	0 28	24 27	0 55	9 49	9 33	1 15			n.a.
F 13	22 54	17 58	3 7	24 43	1 41	19 52	1 32	10 53	0 42	15 41	0 38	22 7	0 50	2 2	0 41	20 44	0 28	24 28	0 55	9 48	9 31	1 17			n.a.
S 14	22 47	19 6	3 56	24 33	1 44	19 32	1 31	10 38	0 41	15 41	0 38	22 7	0 50	2 1	0 41	20 44	0 29	24 28	0 55	9 45	9 30	1 19			n.a.
S 15	22 40	19 11	4 33	24 19	1 46	19 12	1 31	10 23	0 40	15 41	0 38	22 8	0 50	2 1	0 41	20 45	0 29	24 28	0 55	9 42	9 29	1 21			n.a.
M16	22 32	18 8	4 55	24 4	1 47	18 50	1 30	10 8	0 39	15 41	0 38	22 9	0 50	2 0	0 41	20 45	0 29	24 28	0 55	9 37	9 28	1 23			n.a.
T 17	22 25	15 58	5 0	23 46	1 47	18 29	1 29	9 53	0 38	15 42	0 37	22 10	0 50	1 59	0 41	20 46	0 29	24 28	0 55	9 33	9 27	1 25			n.a.
W18	22 16	12 48	4 46	23 26	1 47	18 6	1 29	9 38	0 38	15 42	0 37	22 10	0 50	1 58	0 41	20 46	0 29	24 28	0 55	9 29	9 25	1 26			n.a.
T 19	22 8	8 49	4 14	23 5	1 47	17 44	1 28	9 22	0 37	15 42	0 37	22 11	0 50	1 57	0 41	20 46	0 29	24 28	0 55	9 26	9 24	1 28			n.a.
F 20	21 59	4 20	3 25	22 41	1 46	17 20	1 27	9 7	0 36	15 43	0 37	22 12	0 50	1 56	0 41	20 47	0 29	24 29	0 55	9 23	9 23	1 30			n.a.
S 21	21 49	0n24	2 24	22 16	1 44	16 57	1 26	8 52	0 35	15 43	0 36	22 13	0 50	1 56	0 41	20 47	0 29	24 29	0 56	9 22	9 22	1 32			n.a.
S 22	21 40	5 3	1 13	21 49	1 42	16 32	1 25	8 36	0 34	15 44	0 36	22 13	0 50	1 55	0 41	20 47	0 29	24 29	0 56	9 21	9 21	1 34			n.a.
M23	21 29	9 23	0s 1	21 21	1 39	16 8	1 24	8 20	0 34	15 44	0 36	22 14	0 50	1 54	0 40	20 48	0 29	24 29	0 56	9 21	9 20	1 36			n.a.
T 24	21 19	13 8	1 14	20 51	1 36	15 43	1 22	8 5	0 33	15 45	0 36	22 15	0 50	1 53	0 40	20 48	0 29	24 29	0 56	9 21	9 18	1 38			n.a.
W25	21 8	16 6	2 21	20 20	1 32	15 17	1 21	7 49	0 32	15 46	0 35	22 16	0 50	1 52	0 40	20 48	0 29	24 29	0 56	9 21	9 17	1 40			n.a.
T 26	20 57	18 8	3 20	19 48	1 28	14 52	1 20	7 33	0 31	15 46	0 35	22 16	0 50	1 51	0 40	20 49	0 29	24 30	0 56	9 19	9 16	1 42			n.a.
F 27	20 45	19 8	4 7	19 15	1 23	14 25	1 18	7 17	0 31	15 47	0 35	22 17	0 50	1 50	0 40	20 49	0 29	24 30	0 56	9 17	9 15	1 44			n.a.
S 28	20 33	19 4	4 39	18 41	1 19	13 59	1 17	7 1	0 30	15 48	0 35	22 18	0 50	1 49	0 40	20 50	0 29	24 30	0 56	9 13	9 14	1 46			n.a.
S 29	20 21	17 59	4 57	18 6	1 13	13 32	1 15	6 45	0 29	15 49	0 35	22 18	0 50	1 48	0 40	20 50	0 29	24 30	0 56	9 9	9 12	1 48			n.a.
M30	20 8	16 1	5 0	17 31	1 8	13 5	1 14	6 29	0 28	15 50	0 34	22 19	0 50	1 47	0 40	20 50	0 29	24 30	0 56	9 4	9 11	1 50			n.a.
T 31	19n55	13n20	4s47	16n55	1n 2	12n37	1n12	6n13	0n28	15s51	0n34	22n19	0s50	1n46	0n40	20s51	0s29	24n30	0n56	8s59	9s10	1s52			n.a.

Julian Day Number = 1613855.5, Delta T = 03h51m38s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'14, Lahiri = - 8°01'13 Julian Calendar 1 July 295 BCE == Greg. Calendar 27 June 295 BCE

The year -294 astronomical counting style corresponds to year 295 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

AUGUST 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 19 34	3♌ 8'22	22♌23	18♌41	1♍32	16♍ 8	14♏34	17♊47	27♍11	0°R 3	23♊32	22°R38	23♎16	0♎ 5	n.a.	W 1
T 2	20 23 30	4° 6'31	4♍32	20°20	2°45	16°48	14°37	17°53	27°14	0♒ 2	23°33	22♎28	23°13	0°12	n.a.	T 2
F 3	20 27 27	5° 4'41	16°30	21°57	3°58	17°27	14°40	18° 0	27°16	0° 0	23°34	22°20	23°10	0°19	n.a.	F 3
S 4	20 31 23	6° 2'53	28°21	23°33	5°11	18° 7	14°43	18° 6	27°19	29♑59	23°36	22°15	23° 7	0°25	n.a.	S 4
S 5	20 35 20	7° 1'07	10♎ 8	25° 9	6°24	18°47	14°47	18°12	27°22	29°57	23°37	22°13	23° 4	0°32	n.a.	S 5
M 6	20 39 16	7°59'22	21°56	26°42	7°37	19°27	14°51	18°18	27°24	29°55	23°38	22°D12	23° 0	0°39	n.a.	M 6
T 7	20 43 13	8°57'39	3♏50	28°15	8°50	20° 7	14°55	18°24	27°27	29°54	23°39	22°R13	22°57	0°45	n.a.	T 7
W 8	20 47 10	9°55'58	15°55	29°46	10° 3	20°47	14°59	18°30	27°30	29°52	23°40	22°13	22°54	0°52	n.a.	W 8
T 9	20 51 6	10°54'18	28°17	1♍17	11°16	21°27	15° 3	18°36	27°33	29°50	23°42	22°11	22°51	0°59	n.a.	T 9
F 10	20 55 3	11°52'40	11♐ 1	2°46	12°29	22° 8	15° 7	18°41	27°36	29°49	23°43	22° 8	22°48	1° 5	n.a.	F 10
S 11	20 58 59	12°51'04	24°10	4°14	13°42	22°48	15°12	18°47	27°39	29°47	23°44	22° 2	22°44	1°12	n.a.	S 11
S 12	21 2 56	13°49'29	7♑46	5°40	14°54	23°29	15°16	18°53	27°42	29°46	23°45	21°54	22°41	1°18	n.a.	S 12
M13	21 6 52	14°47'56	21°50	7° 5	16° 7	24° 9	15°21	18°58	27°45	29°44	23°46	21°44	22°38	1°25	n.a.	M13
T 14	21 10 49	15°46'25	6♒17	8°29	17°20	24°50	15°26	19° 4	27°48	29°43	23°47	21°34	22°35	1°32	n.a.	T 14
W15	21 14 45	16°44'56	21° 2	9°52	18°33	25°30	15°32	19° 9	27°51	29°41	23°48	21°24	22°32	1°38	n.a.	W15
T 16	21 18 42	17°43'30	5♓56	11°14	19°46	26°11	15°37	19°14	27°54	29°39	23°49	21°16	22°29	1°45	n.a.	T 16
F 17	21 22 39	18°42'05	20°50	12°34	20°58	26°52	15°42	19°20	27°57	29°38	23°50	21°11	22°25	1°52	n.a.	F 17
S 18	21 26 35	19°40'42	5♈38	13°52	22°11	27°33	15°48	19°25	28° 0	29°36	23°51	21° 7	22°22	1°58	n.a.	S 18
S 19	21 30 32	20°39'22	20°11	15°10	23°24	28°14	15°54	19°30	28° 3	29°35	23°52	21°D 7	22°19	2° 5	n.a.	S 19
M20	21 34 28	21°38'04	4♉28	16°25	24°36	28°55	16° 0	19°35	28° 6	29°33	23°53	21° 7	22°16	2°12	n.a.	M20
T 21	21 38 25	22°36'48	18°26	17°39	25°49	29°36	16° 6	19°40	28°10	29°32	23°54	21°R 8	22°13	2°18	n.a.	T 21
W22	21 42 21	23°35'35	2♊ 6	18°52	27° 2	0♎17	16°12	19°45	28°13	29°30	23°55	21° 7	22°10	2°25	n.a.	W22
T 23	21 46 18	24°34'25	15°29	20° 3	28°14	0°58	16°19	19°50	28°16	29°29	23°56	21° 5	22° 6	2°32	n.a.	T 23
F 24	21 50 14	25°33'16	28°36	21°11	29°27	1°39	16°26	19°54	28°19	29°27	23°57	21° 1	22° 3	2°38	n.a.	F 24
S 25	21 54 11	26°32'10	11♋29	22°18	0♎39	2°21	16°32	19°59	28°23	29°26	23°58	20°54	22° 0	2°45	n.a.	S 25
S 26	21 58 7	27°31'07	24° 9	23°23	1°52	3° 2	16°39	20° 3	28°26	29°25	23°59	20°46	21°57	2°52	n.a.	S 26
M27	22 2 4	28°30'05	6♌38	24°25	3° 4	3°44	16°46	20° 8	28°30	29°23	24° 0	20°36	21°54	2°58	n.a.	M27
T 28	22 6 1	29°29'06	18°56	25°25	4°17	4°25	16°54	20°12	28°33	29°22	24° 1	20°26	21°50	3° 5	n.a.	T 28
W29	22 9 57	0♍28'09	1♍ 5	26°23	5°29	5° 7	17° 1	20°17	28°36	29°21	24° 1	20°17	21°47	3°12	n.a.	W29
T 30	22 13 54	1°27'14	13° 5	27°17	6°41	5°49	17° 8	20°21	28°40	29°19	24° 2	20°10	21°44	3°18	n.a.	T 30
F 31	22 17 50	2♍26'22	24♍58	28♍ 9	7♎54	6♎30	17♏16	20♊25	28♍43	29♑18	24♊ 3	20♎ 4	21♎41	3♎25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n41	10n 6	4s22	16n18	0n56	12n 9	1n10	5n57	0n27	15s52	0n34	22n20	0s50	1n45	0n40	20s51	0s29	24n30	0n56	8s54	9s 9	1s54		n.a.
T 2	19 28	6 29	3 44	15 40	0 50	11 41	1 8	5 40	0 26	15 53	0 34	22 21	0 50	1 44	0 40	20 51	0 29	24 31	0 56	8 51	9 8	1 56		n.a.
F 3	19 14	2 40	2 57	15 3	0 43	11 12	1 6	5 24	0 25	15 54	0 33	22 21	0 50	1 43	0 40	20 52	0 29	24 31	0 57	8 48	9 6	1 57		n.a.
S 4	18 59	1s13	2 3	14 24	0 37	10 43	1 4	5 8	0 24	15 55	0 33	22 22	0 50	1 41	0 40	20 52	0 29	24 31	0 57	8 46	9 5	1 59		n.a.
S 5	18 44	5 2	1 4	13 46	0 30	10 14	1 2	4 51	0 24	15 57	0 33	22 22	0 50	1 40	0 40	20 53	0 29	24 31	0 57	8 45	9 4	2 1		n.a.
M 6	18 29	8 40	0 1	13 7	0 23	9 45	1 0	4 35	0 23	15 58	0 33	22 23	0 50	1 39	0 40	20 53	0 29	24 31	0 57	8 45	9 3	2 3		n.a.
T 7	18 14	11 59	1n 2	12 28	0 15	9 15	0 58	4 18	0 22	15 59	0 32	22 24	0 50	1 38	0 40	20 53	0 29	24 31	0 57	8 45	9 2	2 5		n.a.
W 8	17 58	14 51	2 3	11 49	0 8	8 45	0 56	4 1	0 21	16 1	0 32	22 24	0 50	1 37	0 40	20 54	0 29	24 31	0 57	8 45	9 1	2 7		n.a.
T 9	17 42	17 6	3 0	11 9	0 0	8 15	0 54	3 45	0 21	16 2	0 32	22 25	0 50	1 36	0 40	20 54	0 29	24 32	0 57	8 44	8 59	2 9		n.a.
F 10	17 26	18 35	3 49	10 30	0s 7	7 45	0 51	3 28	0 20	16 4	0 32	22 25	0 49	1 35	0 40	20 54	0 29	24 32	0 57	8 43	8 58	2 11		n.a.
S 11	17 10	19 8	4 29	9 51	0 15	7 14	0 49	3 11	0 19	16 5	0 32	22 26	0 49	1 33	0 40	20 55	0 29	24 32	0 57	8 41	8 57	2 13		n.a.
S 12	16 53	18 36	4 54	9 11	0 23	6 44	0 46	2 54	0 18	16 7	0 31	22 26	0 49	1 32	0 40	20 55	0 29	24 32	0 57	8 38	8 56	2 15		n.a.
M13	16 35	16 57	5 3	8 32	0 31	6 13	0 44	2 37	0 18	16 8	0 31	22 27	0 49	1 31	0 40	20 55	0 29	24 32	0 57	8 34	8 55	2 17		n.a.
T 14	16 18	14 11	4 54	7 53	0 39	5 42	0 41	2 20	0 17	16 10	0 31	22 27	0 49	1 30	0 40	20 56	0 29	24 32	0 57	8 30	8 53	2 19		n.a.
W15	16 0	10 29	4 24	7 14	0 47	5 10	0 39	2 3	0 16	16 12	0 31	22 28	0 49	1 28	0 40	20 56	0 29	24 32	0 58	8 27	8 52	2 21		n.a.
T 16	15 42	6 6	3 37	6 35	0 56	4 39	0 36	1 46	0 15	16 14	0 31	22 28	0 49	1 27	0 40	20 56	0 29	24 33	0 58	8 24	8 51	2 23		n.a.
F 17	15 24	1 19	2 34	5 57	1 4	4 8	0 33	1 29	0 15	16 15	0 30	22 28	0 49	1 26	0 40	20 57	0 29	24 33	0 58	8 22	8 50	2 24		n.a.
S 18	15 6	3n31	1 22	5 19	1 12	3 36	0 31	1 12	0 14	16 17	0 30	22 29	0 49	1 25	0 40	20 57	0 29	24 33	0 58	8 20	8 49	2 26		n.a.
S 19	14 47	8 4	0 5	4 41	1 20	3 5	0 28	0 55	0 13	16 19	0 30	22 29	0 49	1 23	0 40	20 57	0 29	24 33	0 58	8 20	8 47	2 28		n.a.
M20	14 28	12 3	1s11	4 4	1 29	2 33	0 25	0 38	0 13	16 21	0 30	22 30	0 49	1 22	0 40	20 58	0 29	24 33	0 58	8 20	8 46	2 30		n.a.
T 21	14 9	15 16	2 21	3 27	1 37	2 1	0 22	0 21	0 12	16 23	0 30	22 30	0 49	1 21	0 40	20 58	0 29	24 33	0 58	8 20	8 45	2 32		n.a.
W22	13 49	17 33	3 21	2 51	1 45	1 29	0 19	0 3	0 11	16 25	0 29	22 30	0 49	1 19	0 40	20 58	0 29	24 33	0 58	8 20	8 44	2 34		n.a.
T 23	13 29	18 48	4 9	2 16	1 53	0 57	0 16	0s14	0 10	16 27	0 29	22 31	0 49	1 18	0 40	20 59	0 29	24 33	0 58	8 20	8 43	2 36		n.a.
F 24	13 9	19 0	4 43	1 41	2 1	0 25	0 13	0 31	0 10	16 29	0 29	22 31	0 49	1 17	0 40	20 59	0 29	24 34	0 58	8 18	8 41	2 38		n.a.
S 25	12 49	18 13	5 2	1 7	2 9	0s 7	0 10	0 48	0 9	16 31	0 29	22 32	0 49	1 15	0 39	20 59	0 29	24 34	0 58	8 15	8 40	2 40		n.a.
S 26	12 29	16 32	5 6	0 34	2 17	0 39	0 7	1 6	0 8	16 34	0 29	22 32	0 49	1 14	0 39	21 0	0 29	24 34	0 58	8 12	8 39	2 42		n.a.
M27	12 8	14 5	4 54	0 2	2 24	1 11	0 4	1 23	0 7	16 36	0 28	22 32	0 49	1 13	0 39	21 0	0 29	24 34	0 59	8 8	8 38	2 44		n.a.
T 28	11 47	11 3	4 30	0s29	2 32	1 43	0 0	1 41	0 7	16 38	0 28	22 33	0 49	1 11	0 39	21 0	0 29	24 34	0 59	8 5	8 37	2 46		n.a.
W29	11 26	7 36	3 53	0 58	2 39	2 15	0s 3	1 58	0 6	16 40	0 28	22 33	0 49	1 10	0 39	21 0	0 29	24 34	0 59	8 1	8 35	2 47		n.a.
T 30	11 5	3 52	3 6	1 26	2 46	2 47	0 6	2 15	0 5	16 43	0 28	22 33	0 49	1 8	0 39	21 1	0 29	24 34	0 59	7 58	8 34	2 49		n.a.
F 31	10n44	0n 1	2s11	1s53	2s53	3s19	0s 9	2s33	0n 4	16s45	0n28	22n34	0s49	1n 7	0n39	21s 1	0s29	24n34	0n59	7s56	8s33	2s51		n.a.

Julian Day Number = 1613886.5, Delta T = 03h51m37s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'10, Lahiri = - 8°01'09 Julian Calendar 1 Aug. 295 BCE == Greg. Calendar 28 July 295 BCE

The year -294 astronomical counting style corresponds to year 295 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

SEPTEMBER 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 21 47	3♍25'31	6♎45	28♍57	9♎ 6	7♎12	17♏24	20♊29	28♍47	29°R17	24♊ 4	20°R 1	21♎38	3♎32	n.a.	S 1
S 2	22 25 43	4°24'42	18°31	29°41	10°18	7°54	17°32	20°33	28°50	29♑15	24° 4	20°D 0	21°35	3°38	n.a.	S 2
M 3	22 29 40	5°23'55	0♏19	0♎22	11°31	8°36	17°40	20°37	28°54	29°14	24° 5	20♎ 0	21°31	3°45	n.a.	M 3
T 4	22 33 36	6°23'11	12°12	0°58	12°43	9°18	17°48	20°40	28°57	29°13	24° 6	20° 2	21°28	3°52	n.a.	T 4
W 5	22 37 33	7°22'28	24°16	1°29	13°55	10° 0	17°56	20°44	29° 1	29°12	24° 6	20° 3	21°25	3°58	n.a.	W 5
T 6	22 41 29	8°21'47	6♐35	1°56	15° 7	10°43	18° 5	20°47	29° 5	29°10	24° 7	20°R 4	21°22	4° 5	n.a.	T 6
F 7	22 45 26	9°21'08	19°14	2°16	16°19	11°25	18°13	20°51	29° 8	29° 9	24° 7	20° 4	21°19	4°11	n.a.	F 7
S 8	22 49 23	10°20'31	2♑19	2°31	17°31	12° 7	18°22	20°54	29°12	29° 8	24° 8	20° 1	21°15	4°18	n.a.	S 8
S 9	22 53 19	11°19'56	15°51	2°39	18°43	12°50	18°31	20°57	29°15	29° 7	24° 8	19°58	21°12	4°25	n.a.	S 9
M10	22 57 16	12°19'22	29°53	2°R40	19°55	13°32	18°40	21° 1	29°19	29° 6	24° 9	19°53	21° 9	4°31	n.a.	M10
T 11	23 1 12	13°18'51	14♒22	2°34	21° 7	14°15	18°49	21° 4	29°23	29° 5	24° 9	19°47	21° 6	4°38	n.a.	T 11
W12	23 5 9	14°18'21	29°13	2°20	22°19	14°57	18°58	21° 7	29°26	29° 4	24°10	19°41	21° 3	4°45	n.a.	W12
T 13	23 9 5	15°17'54	14♓20	1°57	23°31	15°40	19° 7	21° 9	29°30	29° 3	24°10	19°37	21° 0	4°51	n.a.	T 13
F 14	23 13 2	16°17'28	29°31	1°26	24°42	16°23	19°17	21°12	29°34	29° 2	24°11	19°34	20°56	4°58	n.a.	F 14
S 15	23 16 58	17°17'05	14♈38	0°47	25°54	17° 6	19°26	21°15	29°37	29° 1	24°11	19°D33	20°53	5° 5	n.a.	S 15
S 16	23 20 55	18°16'44	29°32	29♍59	27° 6	17°48	19°36	21°17	29°41	29° 0	24°11	19°33	20°50	5°11	n.a.	S 16
M17	23 24 52	19°16'26	14♉ 7	29° 4	28°17	18°31	19°46	21°20	29°45	28°59	24°12	19°34	20°47	5°18	n.a.	M17
T 18	23 28 48	20°16'10	28°18	28° 1	29°29	19°14	19°55	21°22	29°49	28°58	24°12	19°36	20°44	5°25	n.a.	T 18
W19	23 32 45	21°15'56	12♊ 5	26°53	0♏40	19°57	20° 5	21°24	29°52	28°57	24°12	19°37	20°41	5°31	n.a.	W19
T 20	23 36 41	22°15'45	25°28	25°41	1°52	20°41	20°16	21°26	29°56	28°56	24°13	19°R37	20°37	5°38	n.a.	T 20
F 21	23 40 38	23°15'36	8♋30	24°26	3° 3	21°24	20°26	21°28	29°59	28°56	24°13	19°36	20°34	5°45	n.a.	F 21
S 22	23 44 34	24°15'29	21°14	23°11	4°15	22° 7	20°36	21°30	0♎ 4	28°55	24°13	19°34	20°31	5°51	n.a.	S 22
S 23	23 48 31	25°15'25	3♌42	21°58	5°26	22°50	20°46	21°32	0° 7	28°54	24°13	19°31	20°28	5°58	n.a.	S 23
M24	23 52 27	26°15'23	15°57	20°49	6°37	23°34	20°57	21°34	0°11	28°53	24°13	19°27	20°25	6° 5	n.a.	M24
T 25	23 56 24	27°15'23	28° 3	19°46	7°48	24°17	21° 8	21°35	0°15	28°53	24°14	19°23	20°21	6°11	n.a.	T 25
W26	0 0 20	28°15'25	10♍ 0	18°52	9° 0	25° 1	21°18	21°37	0°19	28°52	24°14	19°20	20°18	6°18	n.a.	W26
T 27	0 4 17	29°15'29	21°53	18° 7	10°11	25°44	21°29	21°38	0°23	28°51	24°14	19°17	20°15	6°24	n.a.	T 27
F 28	0 8 14	0♎15'36	3♎41	17°33	11°22	26°28	21°40	21°39	0°26	28°51	24°14	19°15	20°12	6°31	n.a.	F 28
S 29	0 12 10	1°15'44	15°28	17°10	12°33	27°12	21°51	21°40	0°30	28°50	24°14	19°D14	20° 9	6°38	n.a.	S 29
S 30	0 16 7	2♎15'54	27♎16	16°D59	13♏44	27♎56	22♏ 2	21♊41	0♎34	28♑50	24°R14	19♎14	20♎ 6	6♎44	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n22	3s48	1s11	2s18	2s59	3s50	0s13	2s50	0n 4	16s47	0n27	22n34	0s49	1n 5	0n39	21s 1	0s29	24n35	0n59	7s55	8s32	2s53		n.a.
S 2	10 1	7 28	0 8	2 42	3 5	4 22	0 16	3 8	0 3	16 50	0 27	22 34	0 49	1 4	0 39	21 2	0 29	24 35	0 59	7 55	8 31	2 55		n.a.
M 3	9 39	10 51	0n56	3 3	3 10	4 54	0 19	3 25	0 2	16 52	0 27	22 34	0 49	1 3	0 39	21 2	0 29	24 35	0 59	7 55	8 29	2 57		n.a.
T 4	9 17	13 49	1 58	3 22	3 15	5 26	0 23	3 42	0 2	16 55	0 27	22 35	0 49	1 1	0 39	21 2	0 29	24 35	0 59	7 55	8 28	2 59		n.a.
W 5	8 54	16 14	2 55	3 39	3 20	5 57	0 26	4 0	0 1	16 57	0 27	22 35	0 49	1 0	0 39	21 2	0 29	24 35	0 59	7 56	8 27	3 1		n.a.
T 6	8 32	17 57	3 46	3 53	3 23	6 28	0 29	4 17	0 0	17 0	0 26	22 35	0 49	0 58	0 39	21 3	0 29	24 35	0 59	7 56	8 26	3 3		n.a.
F 7	8 9	18 50	4 28	4 4	3 26	7 0	0 33	4 35	0s 1	17 3	0 26	22 35	0 49	0 57	0 39	21 3	0 29	24 35	1 0	7 56	8 25	3 5		n.a.
S 8	7 47	18 46	4 57	4 12	3 28	7 31	0 36	4 52	0 1	17 5	0 26	22 36	0 49	0 55	0 39	21 3	0 29	24 35	1 0	7 55	8 23	3 6		n.a.
S 9	7 24	17 38	5 11	4 16	3 30	8 2	0 40	5 9	0 2	17 8	0 26	22 36	0 49	0 54	0 39	21 3	0 29	24 35	1 0	7 54	8 22	3 8		n.a.
M10	7 1	15 25	5 7	4 16	3 30	8 32	0 43	5 27	0 3	17 10	0 26	22 36	0 49	0 52	0 39	21 4	0 29	24 36	1 0	7 52	8 21	3 10		n.a.
T 11	6 38	12 12	4 44	4 13	3 28	9 3	0 46	5 44	0 3	17 13	0 26	22 36	0 49	0 51	0 39	21 4	0 29	24 36	1 0	7 50	8 20	3 12		n.a.
W12	6 15	8 7	4 1	4 5	3 26	9 33	0 50	6 1	0 4	17 16	0 25	22 37	0 49	0 49	0 39	21 4	0 29	24 36	1 0	7 48	8 19	3 14		n.a.
T 13	5 52	3 28	3 1	3 52	3 22	10 4	0 53	6 19	0 5	17 19	0 25	22 37	0 49	0 48	0 39	21 4	0 29	24 36	1 0	7 46	8 17	3 16		n.a.
F 14	5 28	1n27	1 48	3 34	3 16	10 34	0 57	6 36	0 5	17 21	0 25	22 37	0 49	0 46	0 39	21 4	0 29	24 36	1 0	7 45	8 16	3 18		n.a.
S 15	5 5	6 15	0 27	3 11	3 8	11 3	1 0	6 53	0 6	17 24	0 25	22 37	0 49	0 45	0 39	21 5	0 29	24 36	1 0	7 44	8 15	3 20		n.a.
S 16	4 41	10 36	0s55	2 44	2 59	11 33	1 4	7 10	0 7	17 27	0 25	22 37	0 49	0 43	0 39	21 5	0 29	24 36	1 0	7 44	8 14	3 22		n.a.
M17	4 18	14 11	2 11	2 11	2 48	12 2	1 7	7 28	0 8	17 30	0 25	22 37	0 49	0 42	0 39	21 5	0 29	24 36	1 0	7 45	8 13	3 23		n.a.
T 18	3 54	16 49	3 17	1 34	2 34	12 31	1 10	7 45	0 8	17 33	0 24	22 38	0 49	0 40	0 39	21 5	0 29	24 36	1 1	7 45	8 11	3 25		n.a.
W19	3 30	18 23	4 10	0 52	2 19	13 0	1 14	8 2	0 9	17 35	0 24	22 38	0 49	0 39	0 39	21 5	0 29	24 37	1 1	7 46	8 10	3 27		n.a.
T 20	3 6	18 52	4 47	0 8	2 3	13 28	1 17	8 19	0 10	17 38	0 24	22 38	0 49	0 37	0 39	21 6	0 29	24 37	1 1	7 46	8 9	3 29		n.a.
F 21	2 42	18 19	5 9	0n39	1 44	13 56	1 21	8 36	0 10	17 41	0 24	22 38	0 49	0 36	0 39	21 6	0 29	24 37	1 1	7 46	8 8	3 31		n.a.
S 22	2 18	16 51	5 14	1 27	1 25	14 24	1 24	8 53	0 11	17 44	0 24	22 38	0 49	0 34	0 39	21 6	0 29	24 37	1 1	7 45	8 6	3 33		n.a.
S 23	1 54	14 37	5 5	2 14	1 4	14 52	1 27	9 10	0 12	17 47	0 24	22 38	0 49	0 33	0 39	21 6	0 29	24 37	1 1	7 44	8 5	3 35		n.a.
M24	1 30	11 46	4 42	3 1	0 44	15 19	1 30	9 27	0 12	17 50	0 23	22 38	0 49	0 31	0 39	21 6	0 29	24 37	1 1	7 42	8 4	3 37		n.a.
T 25	1 6	8 27	4 6	3 45	0 23	15 45	1 34	9 44	0 13	17 53	0 23	22 39	0 49	0 30	0 39	21 6	0 29	24 37	1 1	7 41	8 3	3 39		n.a.
W26	0 42	4 49	3 20	4 25	0 3	16 12	1 37	10 0	0 14	17 56	0 23	22 39	0 49	0 28	0 39	21 6	0 29	24 37	1 1	7 39	8 2	3 40		n.a.
T 27	0 18	1 2	2 26	5 0	0n16	16 38	1 40	10 17	0 14	17 59	0 23	22 39	0 49	0 27	0 39	21 7	0 29	24 37	1 1	7 38	8 0	3 42		n.a.
F 28	0s 6	2s47	1 25	5 30	0 34	17 3	1 43	10 34	0 15	18 2	0 23	22 39	0 49	0 25	0 39	21 7	0 29	24 37	1 1	7 37	7 59	3 44		n.a.
S 29	0 30	6 29	0 21	5 54	0 51	17 29	1 46	10 50	0 16	18 5	0 23	22 39	0 49	0 24	0 39	21 7	0 29	24 38	1 2	7 37	7 58	3 46		n.a.
S 30	0s55	9s56	0n44	6n13	1n 6	17s53	1s50	11s 7	0s16	18s 8	0n22	22n39	0s49	0n22	0n39	21s 7	0s29	24n38	1n 2	7s37	7s57	3s48		n.a.

Julian Day Number = 1613917.5, Delta T = 03h51m36s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'05, Lahiri = - 8°01'05 Julian Calendar 1 Sept. 295 BCE == Greg. Calendar 28 Aug. 295 BCE

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

OCTOBER 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 20 3	3♎16'06	9♏ 7	16♍59	14♏54	28♎39	22♏13	21♊42	0♎38	28°R49	24°R14	19♎15	20♎ 2	6♎51	n.a.	M 1
T 2	0 24 0	4°16'20	21° 4	17°10	16° 5	29°23	22°24	21°43	0°41	28♉49	24♊14	19°16	19°59	6°58	n.a.	T 2
W 3	0 27 56	5°16'35	3♐10	17°32	17°16	0♏ 7	22°36	21°44	0°45	28°48	24°14	19°18	19°56	7° 4	n.a.	W 3
T 4	0 31 53	6°16'53	15°30	18° 3	18°27	0°51	22°47	21°44	0°49	28°48	24°14	19°19	19°53	7°11	n.a.	T 4
F 5	0 35 49	7°17'12	28° 8	18°43	19°37	1°36	22°59	21°45	0°53	28°47	24°13	19°20	19°50	7°18	n.a.	F 5
S 6	0 39 46	8°17'32	11♑ 7	19°31	20°48	2°20	23°10	21°45	0°57	28°47	24°13	19°R20	19°46	7°24	n.a.	S 6
S 7	0 43 43	9°17'54	24°30	20°26	21°58	3° 4	23°22	21°45	1° 0	28°47	24°13	19°19	19°43	7°31	n.a.	S 7
M 8	0 47 39	10°18'17	8♒20	21°27	23° 8	3°48	23°34	21°R45	1° 4	28°47	24°13	19°19	19°40	7°38	n.a.	M 8
T 9	0 51 36	11°18'42	22°37	22°34	24°18	4°33	23°46	21°45	1° 8	28°46	24°13	19°18	19°37	7°44	n.a.	T 9
W10	0 55 32	12°19'09	7♓18	23°46	25°29	5°17	23°58	21°45	1°12	28°46	24°12	19°17	19°34	7°51	n.a.	W10
T 11	0 59 29	13°19'37	22°18	25° 1	26°39	6° 1	24°10	21°45	1°15	28°46	24°12	19°16	19°31	7°58	n.a.	T 11
F 12	1 3 25	14°20'06	7♈30	26°20	27°48	6°46	24°22	21°45	1°19	28°46	24°12	19°16	19°27	8° 4	n.a.	F 12
S 13	1 7 22	15°20'37	22°44	27°41	28°58	7°30	24°34	21°44	1°23	28°46	24°12	19°D16	19°24	8°11	n.a.	S 13
S 14	1 11 18	16°21'10	7♉50	29° 6	0♐ 8	8°15	24°46	21°44	1°26	28°46	24°11	19°16	19°21	8°17	n.a.	S 14
M15	1 15 15	17°21'45	22°40	0♎32	1°18	9° 0	24°58	21°43	1°30	28°D46	24°11	19°16	19°18	8°24	n.a.	M15
T 16	1 19 12	18°22'22	7♊ 7	2° 0	2°27	9°44	25°11	21°42	1°34	28°46	24°10	19°16	19°15	8°31	n.a.	T 16
W17	1 23 8	19°23'00	21° 7	3°29	3°36	10°29	25°23	21°41	1°37	28°46	24°10	19°R16	19°12	8°37	n.a.	W17
T 18	1 27 5	20°23'41	4♋39	4°59	4°46	11°14	25°36	21°40	1°41	28°46	24°10	19°16	19° 8	8°44	n.a.	T 18
F 19	1 31 1	21°24'23	17°46	6°31	5°55	11°59	25°48	21°39	1°45	28°46	24° 9	19°D16	19° 5	8°51	n.a.	F 19
S 20	1 34 58	22°25'07	0♌30	8° 3	7° 4	12°44	26° 1	21°38	1°48	28°46	24° 9	19°16	19° 2	8°57	n.a.	S 20
S 21	1 38 54	23°25'52	12°54	9°36	8°13	13°29	26°13	21°36	1°52	28°46	24° 8	19°16	18°59	9° 4	n.a.	S 21
M22	1 42 51	24°26'39	25° 3	11° 9	9°22	14°14	26°26	21°35	1°55	28°46	24° 8	19°17	18°56	9°11	n.a.	M22
T 23	1 46 47	25°27'28	7♍ 1	12°43	10°30	14°59	26°39	21°33	1°59	28°47	24° 7	19°17	18°52	9°17	n.a.	T 23
W24	1 50 44	26°28'19	18°52	14°16	11°39	15°44	26°52	21°32	2° 3	28°47	24° 6	19°18	18°49	9°24	n.a.	W24
T 25	1 54 40	27°29'11	0♎39	15°50	12°47	16°30	27° 5	21°30	2° 6	28°47	24° 6	19°19	18°46	9°31	n.a.	T 25
F 26	1 58 37	28°30'04	12°26	17°25	13°55	17°15	27°18	21°28	2°10	28°48	24° 5	19°19	18°43	9°37	n.a.	F 26
S 27	2 2 34	29°30'59	24°15	18°59	15° 3	18° 0	27°31	21°26	2°13	28°48	24° 4	19°R20	18°40	9°44	n.a.	S 27
S 28	2 6 30	0♏31'55	6♏ 9	20°33	16°11	18°46	27°44	21°24	2°16	28°48	24° 4	19°19	18°37	9°51	n.a.	S 28
M29	2 10 27	1°32'53	18° 8	22° 7	17°19	19°31	27°57	21°21	2°20	28°49	24° 3	19°18	18°33	9°57	n.a.	M29
T 30	2 14 23	2°33'51	0♐16	23°42	18°27	20°17	28°10	21°19	2°23	28°49	24° 2	19°16	18°30	10° 4	n.a.	T 30
W31	2 18 20	3♏34'51	12♐33	25♎16	19♐34	21♏ 2	28♏23	21♊17	2♎27	28♉50	24♊ 2	19♎14	18♎27	10♎10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1s19	13s 0	1n48	6n25	1n20	18s18	1s53	11s23	0s17	18s11	0n22	22n39	0s49	0n21	0n39	21s 7	0s29	24n38	1n 2	7s37	7s56	3s50		n.a.
T 2	1 43	15 33	2 48	6 32	1 31	18 42	1 56	11 40	0 18	18 14	0 22	22 39	0 49	0 19	0 39	21 7	0 29	24 38	1 2	7 38	7 54	3 52		n.a.
W 3	2 7	17 26	3 41	6 32	1 42	19 5	1 59	11 56	0 18	18 17	0 22	22 39	0 49	0 18	0 39	21 7	0 29	24 38	1 2	7 38	7 53	3 54		n.a.
T 4	2 31	18 33	4 24	6 28	1 50	19 28	2 1	12 12	0 19	18 20	0 22	22 39	0 49	0 16	0 39	21 7	0 29	24 38	1 2	7 39	7 52	3 55		n.a.
F 5	2 56	18 47	4 56	6 18	1 57	19 50	2 4	12 29	0 20	18 23	0 22	22 39	0 49	0 14	0 39	21 7	0 29	24 38	1 2	7 39	7 51	3 57		n.a.
S 6	3 20	18 2	5 15	6 4	2 3	20 12	2 7	12 45	0 20	18 27	0 22	22 39	0 49	0 13	0 39	21 7	0 29	24 38	1 2	7 39	7 49	3 59		n.a.
S 7	3 44	16 17	5 17	5 46	2 7	20 34	2 10	13 1	0 21	18 30	0 21	22 39	0 49	0 11	0 39	21 7	0 29	24 38	1 2	7 39	7 48	4 1		n.a.
M 8	4 8	13 34	5 1	5 25	2 10	20 55	2 12	13 16	0 22	18 33	0 21	22 39	0 49	0 10	0 39	21 8	0 29	24 38	1 2	7 39	7 47	4 3		n.a.
T 9	4 32	9 57	4 26	5 0	2 12	21 15	2 15	13 32	0 22	18 36	0 21	22 39	0 49	0 8	0 39	21 8	0 29	24 38	1 2	7 38	7 46	4 5		n.a.
W10	4 56	5 39	3 33	4 32	2 13	21 35	2 18	13 48	0 23	18 39	0 21	22 39	0 49	0 7	0 39	21 8	0 29	24 39	1 3	7 38	7 45	4 7		n.a.
T 11	5 19	0 53	2 25	4 1	2 12	21 55	2 20	14 3	0 23	18 42	0 21	22 39	0 49	0 5	0 39	21 8	0 29	24 39	1 3	7 38	7 43	4 8		n.a.
F 12	5 43	4n 0	1 5	3 29	2 11	22 13	2 23	14 19	0 24	18 45	0 21	22 39	0 49	0 4	0 39	21 8	0 29	24 39	1 3	7 38	7 42	4 10		n.a.
S 13	6 7	8 39	0s19	2 54	2 10	22 32	2 25	14 34	0 25	18 48	0 21	22 39	0 49	0 2	0 39	21 8	0 29	24 39	1 3	7 38	7 41	4 12		n.a.
S 14	6 30	12 41	1 42	2 18	2 7	22 49	2 27	14 50	0 25	18 52	0 20	22 39	0 49	0 1	0 39	21 8	0 29	24 39	1 3	7 38	7 40	4 14		n.a.
M15	6 54	15 50	2 56	1 41	2 4	23 6	2 29	15 5	0 26	18 55	0 20	22 39	0 49	0s 0	0 39	21 8	0 29	24 39	1 3	7 38	7 39	4 16		n.a.
T 16	7 17	17 53	3 56	1 2	2 1	23 22	2 31	15 20	0 27	18 58	0 20	22 39	0 49	0 2	0 39	21 8	0 29	24 39	1 3	7 38	7 37	4 18		n.a.
W17	7 41	18 45	4 41	0 23	1 57	23 38	2 33	15 35	0 27	19 1	0 20	22 39	0 49	0 3	0 39	21 8	0 29	24 39	1 3	7 38	7 36	4 20		n.a.
T 18	8 4	18 31	5 8	0s18	1 52	23 53	2 35	15 49	0 28	19 4	0 20	22 39	0 49	0 5	0 39	21 8	0 29	24 39	1 3	7 38	7 35	4 21		n.a.
F 19	8 27	17 16	5 18	0 59	1 47	24 8	2 37	16 4	0 28	19 7	0 20	22 39	0 49	0 6	0 39	21 8	0 29	24 39	1 3	7 38	7 34	4 23		n.a.
S 20	8 50	15 12	5 12	1 40	1 42	24 22	2 39	16 18	0 29	19 10	0 20	22 39	0 49	0 8	0 39	21 8	0 29	24 39	1 3	7 38	7 32	4 25		n.a.
S 21	9 12	12 29	4 52	2 22	1 37	24 35	2 41	16 33	0 30	19 14	0 19	22 39	0 49	0 9	0 39	21 8	0 29	24 39	1 4	7 38	7 31	4 27		n.a.
M22	9 35	9 16	4 19	3 4	1 31	24 48	2 42	16 47	0 30	19 17	0 19	22 39	0 49	0 11	0 39	21 7	0 29	24 39	1 4	7 38	7 30	4 29		n.a.
T 23	9 58	5 44	3 34	3 46	1 25	24 59	2 44	17 1	0 31	19 20	0 19	22 39	0 49	0 12	0 39	21 7	0 29	24 39	1 4	7 38	7 29	4 31		n.a.
W24	10 20	1 59	2 42	4 29	1 19	25 11	2 45	17 15	0 31	19 23	0 19	22 39	0 49	0 13	0 39	21 7	0 29	24 40	1 4	7 39	7 28	4 33		n.a.
T 25	10 42	1s49	1 42	5 11	1 13	25 21	2 46	17 29	0 32	19 26	0 19	22 39	0 49	0 15	0 39	21 7	0 29	24 40	1 4	7 39	7 26	4 34		n.a.
F 26	11 4	5 33	0 38	5 53	1 7	25 31	2 47	17 42	0 33	19 29	0 19	22 38	0 49	0 16	0 39	21 7	0 29	24 40	1 4	7 39	7 25	4 36		n.a.
S 27	11 26	9 6	0n27	6 36	1 0	25 40	2 48	17 56	0 33	19 32	0 19	22 38	0 49	0 18	0 39	21 7	0 29	24 40	1 4	7 39	7 24	4 38		n.a.
S 28	11 48	12 17	1 32	7 18	0 54	25 49	2 49	18 9	0 34	19 35	0 19	22 38	0 49	0 19	0 39	21 7	0 29	24 40	1 4	7 39	7 23	4 40		n.a.
M29	12 9	14 59	2 33	7 59	0 47	25 56	2 50	18 22	0 34	19 39	0 18	22 38	0 49	0 20	0 39	21 7	0 29	24 40	1 4	7 38	7 21	4 42		n.a.
T 30	12 31	17 4	3 28	8 41	0 40	26 3	2 51	18 35	0 35	19 42	0 18	22 38	0 49	0 22	0 39	21 7	0 29	24 40	1 4	7 38	7 20	4 44		n.a.
W31	12s52	18s22	4n14	9s22	0n34	26s10	2s52	18s48	0s35	19s45	0n18	22n38	0s48	0s23	0n39	21s 7	0s29	24n40	1n 4	7s37	7s19	4s45		n.a.

Julian Day Number = 1613947.5, Delta T = 03h51m35s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°08'01, Lahiri = - 8°01'01 Julian Calendar 1 Oct. 295 BCE == Greg. Calendar 27 Sept. 295 BCE

The year -294 astronomical counting style corresponds to year 295 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

NOVEMBER 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 22 16	4♏35'51	25♐ 2	26♎50	20♐42	21♏48	28♏36	21°R14	2♎30	28♑50	24°R 1	19°R12	18♎24	10♎17	n.a.	T 1
F 2	2 26 13	5°36'53	7♑46	28°25	21°49	22°33	28°50	21♊12	2°33	28°51	24♊ 0	19♎ 9	18°21	10°24	n.a.	F 2
S 3	2 30 9	6°37'55	20°46	29°59	22°56	23°19	29° 3	21° 9	2°37	28°52	23°59	19° 8	18°18	10°30	n.a.	S 3
S 4	2 34 6	7°38'58	4♒ 4	1♏33	24° 2	24° 5	29°16	21° 6	2°40	28°52	23°58	19°D 7	18°14	10°37	n.a.	S 4
M 5	2 38 3	8°40'02	17°43	3° 7	25° 9	24°51	29°30	21° 3	2°43	28°53	23°58	19° 7	18°11	10°44	n.a.	M 5
T 6	2 41 59	9°41'06	1♓43	4°42	26°15	25°36	29°43	21° 0	2°46	28°54	23°57	19° 8	18° 8	10°50	n.a.	T 6
W 7	2 45 56	10°42'11	16° 4	6°16	27°21	26°22	29°57	20°57	2°50	28°54	23°56	19°10	18° 5	10°57	n.a.	W 7
T 8	2 49 52	11°43'17	0♈44	7°50	28°27	27° 8	0♐10	20°54	2°53	28°55	23°55	19°11	18° 2	11° 4	n.a.	T 8
F 9	2 53 49	12°44'23	15°38	9°24	29°32	27°54	0°24	20°50	2°56	28°56	23°54	19°R12	17°58	11°10	n.a.	F 9
S 10	2 57 45	13°45'29	0♉40	10°58	0♑38	28°40	0°37	20°47	2°59	28°57	23°53	19°12	17°55	11°17	n.a.	S 10
S 11	3 1 42	14°46'37	15°41	12°33	1°43	29°26	0°51	20°44	3° 2	28°58	23°52	19°10	17°52	11°24	n.a.	S 11
M12	3 5 38	15°47'45	0♊31	14° 7	2°48	0♐12	1° 4	20°40	3° 5	28°59	23°51	19° 7	17°49	11°30	n.a.	M12
T 13	3 9 35	16°48'55	15° 5	15°41	3°52	0°59	1°18	20°36	3° 8	29° 0	23°50	19° 3	17°46	11°37	n.a.	T 13
W14	3 13 32	17°50'05	29°14	17°16	4°56	1°45	1°32	20°33	3°11	29° 1	23°49	18°58	17°43	11°44	n.a.	W14
T 15	3 17 28	18°51'15	12♋57	18°50	6° 0	2°31	1°46	20°29	3°14	29° 2	23°48	18°54	17°39	11°50	n.a.	T 15
F 16	3 21 25	19°52'27	26°12	20°25	7° 4	3°17	1°59	20°25	3°17	29° 3	23°47	18°51	17°36	11°57	n.a.	F 16
S 17	3 25 21	20°53'39	9♌ 1	22° 0	8° 7	4° 3	2°13	20°21	3°20	29° 4	23°46	18°48	17°33	12° 3	n.a.	S 17
S 18	3 29 18	21°54'52	21°28	23°35	9°10	4°50	2°27	20°17	3°23	29° 5	23°45	18°D48	17°30	12°10	n.a.	S 18
M19	3 33 14	22°56'06	3♍37	25°10	10°13	5°36	2°41	20°13	3°26	29° 6	23°44	18°48	17°27	12°17	n.a.	M19
T 20	3 37 11	23°57'21	15°33	26°45	11°15	6°23	2°54	20° 9	3°28	29° 7	23°43	18°50	17°23	12°23	n.a.	T 20
W21	3 41 8	24°58'36	27°22	28°21	12°17	7° 9	3° 8	20° 5	3°31	29° 8	23°42	18°52	17°20	12°30	n.a.	W21
T 22	3 45 4	25°59'52	9♎ 8	29°57	13°19	7°56	3°22	20° 0	3°34	29°10	23°41	18°53	17°17	12°37	n.a.	T 22
F 23	3 49 1	27° 1'08	20°56	1♐33	14°20	8°42	3°36	19°56	3°36	29°11	23°39	18°R54	17°14	12°43	n.a.	F 23
S 24	3 52 57	28° 2'24	2♏49	3° 9	15°21	9°29	3°50	19°52	3°39	29°12	23°38	18°52	17°11	12°50	n.a.	S 24
S 25	3 56 54	29° 3'41	14°50	4°45	16°21	10°15	4° 4	19°47	3°41	29°14	23°37	18°49	17° 8	12°57	n.a.	S 25
M26	4 0 50	0♐ 4'59	27° 1	6°22	17°21	11° 2	4°18	19°43	3°44	29°15	23°36	18°44	17° 4	13° 3	n.a.	M26
T 27	4 4 47	1° 6'16	9♐24	7°59	18°21	11°49	4°32	19°38	3°46	29°16	23°35	18°37	17° 1	13°10	n.a.	T 27
W28	4 8 43	2° 7'34	22° 0	9°36	19°20	12°35	4°46	19°34	3°49	29°18	23°34	18°29	16°58	13°17	n.a.	W28
T 29	4 12 40	3° 8'51	4♑47	11°13	20°18	13°22	4°59	19°29	3°51	29°19	23°32	18°20	16°55	13°23	n.a.	T 29
F 30	4 16 37	4♐10'09	17♑47	12♐51	21♑17	14♐ 9	5♐13	19♊24	3♎54	29♑21	23♊31	18♎13	16♎52	13♎30	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s12	18s49	4n49	10s 3	0n27	26s15	2s52	19s 1	0s36	19s48	0n18	22n38	0s48	0s24	0n39	21s 7	0s29	24n40	1n 5	7s36	7s18	4s47		n.a.
F 2	13 33	18 20	5 10	10 43	0 20	26 20	2 52	19 13	0 37	19 51	0 18	22 38	0 48	0 26	0 39	21 6	0 29	24 40	1 5	7 35	7 17	4 49		n.a.
S 3	13 54	16 54	5 16	11 23	0 13	26 25	2 53	19 26	0 37	19 54	0 18	22 37	0 48	0 27	0 39	21 6	0 29	24 40	1 5	7 35	7 15	4 51		n.a.
S 4	14 14	14 31	5 6	12 3	0 7	26 28	2 53	19 38	0 38	19 57	0 18	22 37	0 48	0 28	0 39	21 6	0 29	24 40	1 5	7 34	7 14	4 53		n.a.
M 5	14 34	11 18	4 38	12 42	0 0	26 31	2 53	19 50	0 38	20 0	0 18	22 37	0 48	0 30	0 39	21 6	0 29	24 40	1 5	7 35	7 13	4 55		n.a.
T 6	14 53	7 22	3 53	13 21	0s 7	26 33	2 52	20 1	0 39	20 3	0 17	22 37	0 48	0 31	0 39	21 6	0 29	24 40	1 5	7 35	7 12	4 56		n.a.
W 7	15 13	2 54	2 53	13 58	0 13	26 34	2 52	20 13	0 39	20 6	0 17	22 37	0 48	0 32	0 39	21 6	0 29	24 40	1 5	7 35	7 10	4 58		n.a.
T 8	15 32	1n50	1 40	14 36	0 20	26 35	2 52	20 24	0 40	20 9	0 17	22 37	0 48	0 34	0 39	21 6	0 29	24 40	1 5	7 36	7 9	5 0		n.a.
F 9	15 51	6 32	0 20	15 13	0 26	26 35	2 51	20 35	0 40	20 12	0 17	22 36	0 48	0 35	0 39	21 5	0 29	24 40	1 5	7 36	7 8	5 2		n.a.
S 10	16 10	10 52	1s 3	15 49	0 32	26 34	2 50	20 46	0 41	20 15	0 17	22 36	0 48	0 36	0 39	21 5	0 29	24 40	1 5	7 36	7 7	5 4		n.a.
S 11	16 28	14 29	2 21	16 24	0 39	26 33	2 49	20 57	0 41	20 18	0 17	22 36	0 48	0 37	0 39	21 5	0 29	24 40	1 5	7 35	7 6	5 6		n.a.
M12	16 46	17 7	3 28	16 59	0 45	26 30	2 48	21 7	0 42	20 21	0 17	22 36	0 48	0 38	0 39	21 5	0 29	24 40	1 6	7 34	7 4	5 7		n.a.
T 13	17 4	18 34	4 21	17 33	0 51	26 27	2 47	21 18	0 43	20 24	0 17	22 36	0 48	0 40	0 39	21 5	0 29	24 40	1 6	7 33	7 3	5 9		n.a.
W14	17 21	18 48	4 55	18 6	0 57	26 24	2 46	21 28	0 43	20 27	0 17	22 35	0 48	0 41	0 39	21 4	0 29	24 41	1 6	7 31	7 2	5 11		n.a.
T 15	17 38	17 55	5 12	18 38	1 2	26 20	2 44	21 38	0 44	20 30	0 16	22 35	0 48	0 42	0 39	21 4	0 29	24 41	1 6	7 29	7 1	5 13		n.a.
F 16	17 55	16 4	5 11	19 9	1 8	26 15	2 43	21 47	0 44	20 33	0 16	22 35	0 48	0 43	0 39	21 4	0 29	24 41	1 6	7 28	6 59	5 15		n.a.
S 17	18 12	13 29	4 55	19 40	1 13	26 9	2 41	21 57	0 45	20 35	0 16	22 35	0 48	0 44	0 39	21 4	0 29	24 41	1 6	7 27	6 58	5 17		n.a.
S 18	18 28	10 21	4 24	20 10	1 19	26 3	2 39	22 6	0 45	20 38	0 16	22 35	0 48	0 45	0 40	21 3	0 29	24 41	1 6	7 27	6 57	5 18		n.a.
M19	18 44	6 51	3 43	20 38	1 24	25 56	2 37	22 15	0 46	20 41	0 16	22 34	0 48	0 46	0 40	21 3	0 29	24 41	1 6	7 27	6 56	5 20		n.a.
T 20	18 59	3 7	2 52	21 6	1 29	25 49	2 35	22 23	0 46	20 44	0 16	22 34	0 48	0 48	0 40	21 3	0 29	24 41	1 6	7 28	6 54	5 22		n.a.
W21	19 14	0s42	1 55	21 33	1 33	25 41	2 32	22 32	0 46	20 47	0 16	22 34	0 47	0 49	0 40	21 3	0 29	24 41	1 6	7 28	6 53	5 24		n.a.
T 22	19 29	4 28	0 53	21 58	1 38	25 32	2 29	22 40	0 47	20 50	0 16	22 34	0 47	0 50	0 40	21 2	0 29	24 41	1 6	7 29	6 52	5 26		n.a.
F 23	19 44	8 6	0n11	22 23	1 42	25 23	2 27	22 48	0 47	20 52	0 16	22 33	0 47	0 51	0 40	21 2	0 29	24 41	1 6	7 29	6 51	5 27		n.a.
S 24	19 58	11 25	1 15	22 46	1 46	25 13	2 24	22 56	0 48	20 55	0 15	22 33	0 47	0 52	0 40	21 2	0 29	24 41	1 6	7 29	6 50	5 29		n.a.
S 25	20 11	14 19	2 16	23 8	1 49	25 2	2 20	23 3	0 48	20 58	0 15	22 33	0 47	0 53	0 40	21 2	0 29	24 41	1 7	7 28	6 48	5 31		n.a.
M26	20 25	16 37	3 12	23 29	1 53	24 51	2 17	23 10	0 49	21 1	0 15	22 32	0 47	0 54	0 40	21 1	0 29	24 41	1 7	7 26	6 47	5 33		n.a.
T 27	20 38	18 11	4 0	23 49	1 56	24 39	2 13	23 17	0 49	21 3	0 15	22 32	0 47	0 55	0 40	21 1	0 29	24 41	1 7	7 23	6 46	5 35		n.a.
W28	20 50	18 53	4 36	24 7	1 59	24 27	2 10	23 24	0 50	21 6	0 15	22 32	0 47	0 56	0 40	21 1	0 29	24 41	1 7	7 20	6 45	5 36		n.a.
T 29	21 2	18 39	5 0	24 24	2 1	24 15	2 6	23 30	0 50	21 9	0 15	22 32	0 47	0 57	0 40	21 0	0 29	24 41	1 7	7 16	6 43	5 38		n.a.
F 30	21s14	17s26	5n 8	24s39	2s 3	24s 1	2s 2	23s37	0s51	21s11	0n15	22n31	0s47	0s57	0n40	21s 0	0s29	24n41	1n 7	7s13	6s42	5s40		n.a.

Julian Day Number = 1613978.5, Delta T = 03h51m33s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'57, Lahiri = - 8°00'57 Julian Calendar 1 Nov. 295 BCE == Greg. Calendar 28 Oct. 295 BCE

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ASTRODIENST EPHEMERIS for the year 295 BCE
geocentric

DECEMBER 295 BCE (-294) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 20 33	5♐11'26	1♒ 0	14♐28	22♑14	14♐56	5♐27	19°R20	3♎56	29♑22	23°R30	18°R 6	16♎49	13♎37	n.a.	S 1
S 2	4 24 30	6°12'43	14°25	16° 6	23°11	15°42	5°41	19♊15	3°58	29°24	23♊29	18♎ 2	16°45	13°43	n.a.	S 2
M 3	4 28 26	7°13'59	28° 3	17°44	24° 8	16°29	5°55	19°10	4° 0	29°25	23°27	17°59	16°42	13°50	n.a.	M 3
T 4	4 32 23	8°15'15	11♓54	19°21	25° 3	17°16	6° 9	19° 5	4° 3	29°27	23°26	17°D59	16°39	13°56	n.a.	T 4
W 5	4 36 19	9°16'31	25°59	20°59	25°59	18° 3	6°23	19° 0	4° 5	29°28	23°25	18° 0	16°36	14° 3	n.a.	W 5
T 6	4 40 16	10°17'46	10♈16	22°37	26°53	18°50	6°37	18°55	4° 7	29°30	23°24	18° 1	16°33	14°10	n.a.	T 6
F 7	4 44 12	11°19'00	24°45	24°14	27°47	19°37	6°51	18°50	4° 9	29°32	23°22	18°R 1	16°29	14°16	n.a.	F 7
S 8	4 48 9	12°20'14	9♉21	25°51	28°40	20°24	7° 5	18°46	4°11	29°33	23°21	17°59	16°26	14°23	n.a.	S 8
S 9	4 52 6	13°21'27	23°59	27°28	29°33	21°11	7°19	18°41	4°13	29°35	23°20	17°54	16°23	14°30	n.a.	S 9
M10	4 56 2	14°22'40	8♊33	29° 3	0♒25	21°58	7°33	18°36	4°14	29°37	23°18	17°47	16°20	14°36	n.a.	M10
T 11	4 59 59	15°23'53	22°56	0♑38	1°16	22°45	7°47	18°31	4°16	29°38	23°17	17°38	16°17	14°43	n.a.	T 11
W12	5 3 55	16°25'05	7♋ 1	2°12	2° 6	23°32	8° 0	18°26	4°18	29°40	23°16	17°28	16°14	14°50	n.a.	W12
T 13	5 7 52	17°26'16	20°44	3°44	2°55	24°19	8°14	18°21	4°20	29°42	23°15	17°18	16°10	14°56	n.a.	T 13
F 14	5 11 48	18°27'28	4♌ 2	5°14	3°44	25° 6	8°28	18°16	4°21	29°44	23°13	17° 9	16° 7	15° 3	n.a.	F 14
S 15	5 15 45	19°28'39	16°55	6°43	4°31	25°54	8°42	18°11	4°23	29°46	23°12	17° 2	16° 4	15°10	n.a.	S 15
S 16	5 19 42	20°29'49	29°26	8° 8	5°18	26°41	8°56	18° 6	4°25	29°47	23°11	16°57	16° 1	15°16	n.a.	S 16
M17	5 23 38	21°30'59	11♍37	9°31	6° 4	27°28	9°10	18° 1	4°26	29°49	23° 9	16°55	15°58	15°23	n.a.	M17
T 18	5 27 35	22°32'09	23°36	10°49	6°48	28°15	9°23	17°56	4°28	29°51	23° 8	16°D54	15°55	15°29	n.a.	T 18
W19	5 31 31	23°33'18	5♎25	12° 4	7°32	29° 2	9°37	17°51	4°29	29°53	23° 7	16°54	15°51	15°36	n.a.	W19
T 20	5 35 28	24°34'27	17°12	13°13	8°14	29°49	9°51	17°46	4°30	29°55	23° 5	16°R55	15°48	15°43	n.a.	T 20
F 21	5 39 24	25°35'35	29° 1	14°16	8°56	0♑37	10° 5	17°41	4°32	29°57	23° 4	16°54	15°45	15°49	n.a.	F 21
S 22	5 43 21	26°36'42	10♏58	15°13	9°36	1°24	10°18	17°36	4°33	29°59	23° 3	16°51	15°42	15°56	n.a.	S 22
S 23	5 47 17	27°37'49	23° 6	16° 2	10°15	2°11	10°32	17°31	4°34	0♒ 1	23° 1	16°46	15°39	16° 3	n.a.	S 23
M24	5 51 14	28°38'55	5♐28	16°42	10°52	2°59	10°46	17°26	4°35	0° 3	23° 0	16°37	15°35	16° 9	n.a.	M24
T 25	5 55 11	29°40'00	18° 6	17°13	11°29	3°46	10°59	17°22	4°36	0° 5	22°59	16°26	15°32	16°16	n.a.	T 25
W26	5 59 7	0♑41'05	1♑ 1	17°35	12° 4	4°33	11°13	17°17	4°37	0° 7	22°58	16°14	15°29	16°23	n.a.	W26
T 27	6 3 4	1°42'08	14°12	17°R46	12°37	5°21	11°26	17°12	4°38	0° 9	22°56	16° 1	15°26	16°29	n.a.	T 27
F 28	6 7 0	2°43'10	27°36	17°45	13° 9	6° 8	11°40	17° 7	4°39	0°11	22°55	15°48	15°23	16°36	n.a.	F 28
S 29	6 10 57	3°44'11	11♒12	17°33	13°39	6°55	11°53	17° 3	4°40	0°13	22°54	15°37	15°20	16°43	n.a.	S 29
S 30	6 14 53	4°45'11	24°57	17°10	14° 8	7°43	12° 7	16°58	4°41	0°15	22°52	15°29	15°16	16°49	n.a.	S 30
M31	6 18 50	5♑46'09	8♓48	16♑36	14♒35	8♑30	12♐20	16♊54	4♎42	0♒17	22♊51	15♎25	15♎13	16♎56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s25	15s17	5n 1	24s53	2s 5	23s48	1s57	23s43	0s51	21s14	0n15	22n31	0s47	0s58	0n40	21s 0	0s29	24n41	1n 7	7s11	6s41	5s42		n.a.
S 2	21 36	12 18	4 37	25 5	2 6	23 34	1 53	23 48	0 51	21 16	0 15	22 31	0 47	0 59	0 40	21 0	0 29	24 41	1 7	7 9	6 40	5 44		n.a.
M 3	21 47	8 36	3 57	25 16	2 7	23 19	1 48	23 54	0 52	21 19	0 15	22 30	0 47	1 0	0 40	20 59	0 29	24 41	1 7	7 8	6 38	5 45		n.a.
T 4	21 57	4 23	3 2	25 25	2 8	23 4	1 43	23 59	0 52	21 22	0 14	22 30	0 46	1 1	0 40	20 59	0 29	24 41	1 7	7 8	6 37	5 47		n.a.
W 5	22 7	0n 9	1 56	25 32	2 7	22 49	1 38	24 3	0 53	21 24	0 14	22 30	0 46	1 2	0 40	20 59	0 29	24 41	1 7	7 8	6 36	5 49		n.a.
T 6	22 16	4 45	0 42	25 38	2 7	22 33	1 33	24 8	0 53	21 27	0 14	22 30	0 46	1 3	0 40	20 58	0 29	24 41	1 7	7 9	6 35	5 51		n.a.
F 7	22 24	9 8	0s36	25 42	2 6	22 16	1 27	24 12	0 53	21 29	0 14	22 29	0 46	1 3	0 40	20 58	0 29	24 41	1 7	7 9	6 34	5 53		n.a.
S 8	22 33	13 1	1 52	25 44	2 4	22 0	1 21	24 16	0 54	21 31	0 14	22 29	0 46	1 4	0 40	20 57	0 29	24 41	1 8	7 8	6 32	5 54		n.a.
S 9	22 41	16 5	3 1	25 44	2 2	21 43	1 15	24 20	0 54	21 34	0 14	22 29	0 46	1 5	0 40	20 57	0 29	24 41	1 8	7 6	6 31	5 56		n.a.
M10	22 48	18 6	3 57	25 42	1 59	21 26	1 9	24 23	0 55	21 36	0 14	22 28	0 46	1 6	0 40	20 57	0 29	24 41	1 8	7 4	6 30	5 58		n.a.
T 11	22 55	18 55	4 37	25 39	1 55	21 8	1 2	24 27	0 55	21 39	0 14	22 28	0 46	1 6	0 40	20 56	0 29	24 41	1 8	7 0	6 29	6 0		n.a.
W12	23 2	18 33	5 0	25 33	1 51	20 50	0 56	24 29	0 55	21 41	0 14	22 28	0 46	1 7	0 40	20 56	0 29	24 41	1 8	6 56	6 27	6 2		n.a.
T 13	23 8	17 6	5 4	25 26	1 45	20 32	0 49	24 32	0 56	21 43	0 14	22 27	0 46	1 8	0 40	20 56	0 29	24 41	1 8	6 52	6 26	6 3		n.a.
F 14	23 13	14 45	4 52	25 17	1 39	20 14	0 42	24 34	0 56	21 46	0 13	22 27	0 45	1 8	0 40	20 55	0 29	24 41	1 8	6 49	6 25	6 5		n.a.
S 15	23 18	11 45	4 25	25 6	1 32	19 55	0 34	24 36	0 56	21 48	0 13	22 27	0 45	1 9	0 40	20 55	0 29	24 41	1 8	6 46	6 24	6 7		n.a.
S 16	23 23	8 17	3 46	24 53	1 25	19 36	0 27	24 38	0 57	21 50	0 13	22 26	0 45	1 10	0 40	20 54	0 29	24 41	1 8	6 44	6 22	6 9		n.a.
M17	23 27	4 34	2 57	24 39	1 16	19 17	0 19	24 39	0 57	21 52	0 13	22 26	0 45	1 10	0 40	20 54	0 29	24 41	1 8	6 43	6 21	6 10		n.a.
T 18	23 31	0 43	2 1	24 23	1 6	18 58	0 11	24 40	0 57	21 55	0 13	22 26	0 45	1 11	0 40	20 54	0 29	24 41	1 8	6 43	6 20	6 12		n.a.
W19	23 34	3s 7	1 1	24 6	0 55	18 39	0 2	24 41	0 58	21 57	0 13	22 25	0 45	1 11	0 40	20 53	0 29	24 41	1 8	6 43	6 19	6 14		n.a.
T 20	23 37	6 49	0n 2	23 47	0 44	18 19	0n 6	24 42	0 58	21 59	0 13	22 25	0 45	1 12	0 40	20 53	0 29	24 41	1 8	6 43	6 17	6 16		n.a.
F 21	23 39	10 15	1 4	23 28	0 31	18 0	0 15	24 42	0 58	22 1	0 13	22 25	0 45	1 12	0 40	20 52	0 29	24 41	1 8	6 43	6 16	6 18		n.a.
S 22	23 41	13 20	2 4	23 8	0 17	17 40	0 24	24 42	0 59	22 3	0 13	22 24	0 45	1 13	0 40	20 52	0 29	24 41	1 9	6 42	6 15	6 19		n.a.
S 23	23 42	15 52	3 0	22 47	0 2	17 21	0 34	24 42	0 59	22 5	0 13	22 24	0 44	1 13	0 41	20 52	0 29	24 41	1 9	6 40	6 14	6 21		n.a.
M24	23 43	17 44	3 48	22 27	0n14	17 1	0 44	24 41	0 59	22 7	0 12	22 24	0 44	1 14	0 41	20 51	0 29	24 41	1 9	6 37	6 13	6 23		n.a.
T 25	23 44	18 47	4 26	22 6	0 30	16 42	0 53	24 40	1 0	22 9	0 12	22 23	0 44	1 14	0 41	20 51	0 29	24 41	1 9	6 32	6 11	6 25		n.a.
W26	23 44	18 53	4 51	21 46	0 48	16 22	1 4	24 39	1 0	22 11	0 12	22 23	0 44	1 14	0 41	20 50	0 29	24 41	1 9	6 27	6 10	6 26		n.a.
T 27	23 43	17 58	5 1	21 27	1 6	16 3	1 14	24 37	1 0	22 13	0 12	22 23	0 44	1 15	0 41	20 50	0 29	24 41	1 9	6 22	6 9	6 28		n.a.
F 28	23 42	16 4	4 55	21 9	1 24	15 43	1 25	24 35	1 0	22 15	0 12	22 22	0 44	1 15	0 41	20 49	0 29	24 41	1 9	6 17	6 8	6 30		n.a.
S 29	23 40	13 16	4 32	20 52	1 43	15 24	1 36	24 33	1 1	22 17	0 12	22 22	0 44	1 15	0 41	20 49	0 29	24 41	1 9	6 13	6 6	6 32		n.a.
S 30	23 38	9 42	3 53	20 37	2 1	15 5	1 47	24 31	1 1	22 19	0 12	22 22	0 43	1 16	0 41	20 49	0 29	24 41	1 9	6 10	6 5	6 34		n.a.
M31	23s36	5s35	3n 1	20s23	2n19	14s46	1n58	24s28	1s 1	22s21	0n12	22n21	0s43	1s16	0n41	20s48	0s29	24n41	1n 9	6s 8	6s 4	6s35		n.a.

Julian Day Number = 1614008.5, Delta T = 03h51m32s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'53, Lahiri = - 8°00'53 Julian Calendar 1 Dec. 295 BCE == Greg. Calendar 27 Nov. 295 BCE

The year -294 astronomical counting style corresponds to year 295 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

JANUARY 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 22 46	6♉47'06	22♓45	15°R52	15♒ 0	9♉17	12♐34	16°R49	4♎43	0♒19	22°R50	15°R22	15♎10	17♎ 3	n.a.	T 1
W 2	6 26 43	7°48'01	6♈46	14♉59	15°24	10° 5	12°47	16♊45	4°43	0°22	22♊49	15♎22	15° 7	17° 9	n.a.	W 2
T 3	6 30 40	8°48'54	20°52	13°58	15°45	10°52	13° 0	16°40	4°44	0°24	22°47	15°22	15° 4	17°16	n.a.	T 3
F 4	6 34 36	9°49'46	5♉ 0	12°51	16° 5	11°39	13°13	16°36	4°44	0°26	22°46	15°21	15° 1	17°22	n.a.	F 4
S 5	6 38 33	10°50'37	19°11	11°40	16°23	12°27	13°27	16°31	4°45	0°28	22°45	15°18	14°57	17°29	n.a.	S 5
S 6	6 42 29	11°51'26	3♊22	10°28	16°38	13°14	13°40	16°27	4°45	0°30	22°44	15°12	14°54	17°36	n.a.	S 6
M 7	6 46 26	12°52'13	17°28	9°15	16°51	14° 2	13°53	16°23	4°46	0°32	22°42	15° 3	14°51	17°42	n.a.	M 7
T 8	6 50 22	13°52'59	1♋27	8° 5	17° 2	14°49	14° 6	16°19	4°46	0°35	22°41	14°51	14°48	17°49	n.a.	T 8
W 9	6 54 19	14°53'43	15°13	6°59	17°11	15°36	14°19	16°15	4°46	0°37	22°40	14°38	14°45	17°56	n.a.	W 9
T 10	6 58 15	15°54'26	28°41	5°58	17°18	16°24	14°32	16°11	4°46	0°39	22°39	14°25	14°41	18° 2	n.a.	T 10
F 11	7 2 12	16°55'07	11♌51	5° 3	17°22	17°11	14°45	16° 7	4°47	0°41	22°38	14°13	14°38	18° 9	n.a.	F 11
S 12	7 6 9	17°55'47	24°40	4°16	17°R23	17°58	14°58	16° 3	4°47	0°43	22°36	14° 3	14°35	18°16	n.a.	S 12
S 13	7 10 5	18°56'25	7♍10	3°36	17°22	18°46	15°10	15°59	4°R47	0°46	22°35	13°56	14°32	18°22	n.a.	S 13
M14	7 14 2	19°57'02	19°22	3° 4	17°19	19°33	15°23	15°56	4°47	0°48	22°34	13°51	14°29	18°29	n.a.	M14
T 15	7 17 58	20°57'37	1♎21	2°40	17°13	20°21	15°36	15°52	4°47	0°50	22°33	13°49	14°26	18°36	n.a.	T 15
W16	7 21 55	21°58'12	13°12	2°24	17° 5	21° 8	15°48	15°48	4°46	0°52	22°32	13°D49	14°22	18°42	n.a.	W16
T 17	7 25 51	22°58'44	25° 0	2°15	16°54	21°55	16° 1	15°45	4°46	0°55	22°31	13°R49	14°19	18°49	n.a.	T 17
F 18	7 29 48	23°59'16	6♏50	2°D14	16°41	22°43	16°13	15°42	4°46	0°57	22°30	13°48	14°16	18°55	n.a.	F 18
S 19	7 33 44	24°59'46	18°48	2°19	16°25	23°30	16°26	15°38	4°46	0°59	22°29	13°46	14°13	19° 2	n.a.	S 19
S 20	7 37 41	26° 0'14	0♐59	2°31	16° 6	24°17	16°38	15°35	4°45	1° 1	22°27	13°41	14°10	19° 9	n.a.	S 20
M21	7 41 38	27° 0'41	13°27	2°49	15°46	25° 5	16°50	15°32	4°45	1° 4	22°26	13°34	14° 7	19°15	n.a.	M21
T 22	7 45 34	28° 1'07	26°16	3°12	15°23	25°52	17° 3	15°29	4°45	1° 6	22°25	13°24	14° 3	19°22	n.a.	T 22
W23	7 49 31	29° 1'30	9♉25	3°41	14°58	26°39	17°15	15°26	4°44	1° 8	22°24	13°12	14° 0	19°29	n.a.	W23
T 24	7 53 27	0♒ 1'52	22°56	4°15	14°30	27°27	17°27	15°23	4°43	1°11	22°23	13° 0	13°57	19°35	n.a.	T 24
F 25	7 57 24	1° 2'13	6♒44	4°53	14° 1	28°14	17°39	15°21	4°43	1°13	22°22	12°48	13°54	19°42	n.a.	F 25
S 26	8 1 20	2° 2'31	20°46	5°35	13°30	29° 1	17°51	15°18	4°42	1°15	22°21	12°38	13°51	19°49	n.a.	S 26
S 27	8 5 17	3° 2'47	4♓58	6°21	12°57	29°48	18° 3	15°15	4°41	1°17	22°20	12°30	13°47	19°55	n.a.	S 27
M28	8 9 13	4° 3'01	19°13	7°10	12°23	0♒36	18°14	15°13	4°41	1°20	22°19	12°26	13°44	20° 2	n.a.	M28
T 29	8 13 10	5° 3'13	3♈29	8° 3	11°48	1°23	18°26	15°11	4°40	1°22	22°19	12°24	13°41	20° 9	n.a.	T 29
W30	8 17 7	6° 3'23	17°42	8°59	11°12	2°10	18°38	15° 8	4°39	1°24	22°18	12°D23	13°38	20°15	n.a.	W30
T 31	8 21 3	7♒ 3'30	1♉51	9♉58	10♒35	2♒57	18♐49	15♊ 6	4♎38	1♒26	22♊17	12°R24	13♎35	20♎22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s33	1s 8	1n57	20s12	2n35	14s28	2n10	24s25	1s 1	22s23	0n12	22n21	0s43	1s16	0n41	20s48	0s29	24n41	1n 9	6s 7	6s 3	6s37		n.a.
W 2	23 30	3n25	0 45	20 2	2 51	14 9	2 22	24 22	1 2	22 25	0 12	22 21	0 43	1 16	0 41	20 47	0 29	24 41	1 9	6 7	6 1	6 39		n.a.
T 3	23 26	7 47	0s29	19 55	3 5	13 51	2 34	24 18	1 2	22 27	0 12	22 20	0 43	1 17	0 41	20 47	0 29	24 41	1 9	6 7	6 0	6 41		n.a.
F 4	23 22	11 45	1 42	19 49	3 17	13 34	2 46	24 14	1 2	22 28	0 11	22 20	0 43	1 17	0 41	20 46	0 29	24 41	1 9	6 7	5 59	6 42		n.a.
S 5	23 17	15 2	2 49	19 46	3 27	13 16	2 59	24 10	1 2	22 30	0 11	22 20	0 43	1 17	0 41	20 46	0 29	24 41	1 9	6 6	5 58	6 44		n.a.
S 6	23 12	17 24	3 45	19 44	3 35	13 0	3 12	24 6	1 3	22 32	0 11	22 19	0 42	1 17	0 41	20 45	0 29	24 41	1 9	6 3	5 56	6 46		n.a.
M 7	23 6	18 42	4 27	19 44	3 41	12 43	3 25	24 1	1 3	22 33	0 11	22 19	0 42	1 17	0 41	20 45	0 29	24 41	1 10	6 0	5 55	6 48		n.a.
T 8	23 0	18 51	4 52	19 46	3 43	12 27	3 38	23 56	1 3	22 35	0 11	22 19	0 42	1 17	0 41	20 44	0 29	24 41	1 10	5 55	5 54	6 49		n.a.
W 9	22 53	17 53	5 0	19 49	3 44	12 12	3 51	23 51	1 3	22 37	0 11	22 19	0 42	1 17	0 41	20 44	0 29	24 41	1 10	5 50	5 53	6 51		n.a.
T 10	22 46	15 55	4 51	19 53	3 43	11 57	4 5	23 45	1 3	22 38	0 11	22 18	0 42	1 17	0 41	20 43	0 29	24 41	1 10	5 45	5 51	6 53		n.a.
F 11	22 39	13 10	4 27	19 59	3 39	11 43	4 19	23 39	1 3	22 40	0 11	22 18	0 42	1 18	0 41	20 43	0 29	24 41	1 10	5 40	5 50	6 55		n.a.
S 12	22 31	9 52	3 49	20 6	3 34	11 29	4 32	23 33	1 4	22 41	0 11	22 18	0 42	1 18	0 41	20 42	0 29	24 41	1 10	5 36	5 49	6 56		n.a.
S 13	22 22	6 11	3 1	20 14	3 27	11 16	4 46	23 27	1 4	22 43	0 11	22 18	0 41	1 18	0 41	20 42	0 29	24 41	1 10	5 34	5 48	6 58		n.a.
M14	22 14	2 20	2 6	20 23	3 19	11 4	5 0	23 20	1 4	22 45	0 10	22 17	0 41	1 17	0 41	20 41	0 29	24 41	1 10	5 32	5 46	7 0		n.a.
T 15	22 4	1s33	1 6	20 32	3 10	10 53	5 14	23 13	1 4	22 46	0 10	22 17	0 41	1 17	0 41	20 41	0 29	24 41	1 10	5 31	5 45	7 2		n.a.
W16	21 55	5 19	0 3	20 43	3 0	10 42	5 27	23 6	1 4	22 47	0 10	22 17	0 41	1 17	0 41	20 40	0 29	24 41	1 10	5 31	5 44	7 3		n.a.
T 17	21 45	8 52	0n59	20 54	2 49	10 33	5 41	22 59	1 4	22 49	0 10	22 17	0 41	1 17	0 41	20 40	0 29	24 41	1 10	5 31	5 43	7 5		n.a.
F 18	21 34	12 5	1 59	21 5	2 38	10 24	5 54	22 51	1 4	22 50	0 10	22 17	0 41	1 17	0 41	20 40	0 29	24 41	1 10	5 31	5 41	7 7		n.a.
S 19	21 23	14 50	2 54	21 16	2 26	10 16	6 8	22 43	1 5	22 52	0 10	22 16	0 41	1 17	0 41	20 39	0 29	24 41	1 10	5 30	5 40	7 8		n.a.
S 20	21 12	16 58	3 43	21 28	2 15	10 9	6 21	22 35	1 5	22 53	0 10	22 16	0 40	1 17	0 41	20 39	0 29	24 41	1 10	5 28	5 39	7 10		n.a.
M21	21 0	18 22	4 22	21 39	2 3	10 3	6 33	22 26	1 5	22 54	0 10	22 16	0 40	1 17	0 41	20 38	0 29	24 41	1 10	5 25	5 38	7 12		n.a.
T 22	20 48	18 52	4 48	21 51	1 51	9 57	6 46	22 17	1 5	22 56	0 10	22 16	0 40	1 16	0 41	20 38	0 29	24 41	1 10	5 21	5 37	7 14		n.a.
W23	20 36	18 23	5 1	22 2	1 39	9 53	6 58	22 8	1 5	22 57	0 10	22 16	0 40	1 16	0 42	20 37	0 29	24 41	1 10	5 16	5 35	7 15		n.a.
T 24	20 23	16 52	4 57	22 12	1 27	9 50	7 9	21 59	1 5	22 58	0 10	22 16	0 40	1 16	0 42	20 37	0 29	24 41	1 10	5 12	5 34	7 17		n.a.
F 25	20 10	14 22	4 36	22 23	1 15	9 48	7 20	21 50	1 5	22 59	0 9	22 15	0 40	1 16	0 42	20 36	0 29	24 41	1 10	5 7	5 33	7 19		n.a.
S 26	19 57	10 59	3 58	22 33	1 4	9 47	7 30	21 40	1 5	23 1	0 9	22 15	0 39	1 15	0 42	20 36	0 29	24 41	1 11	5 3	5 32	7 21		n.a.
S 27	19 43	6 56	3 5	22 42	0 53	9 47	7 40	21 30	1 5	23 2	0 9	22 15	0 39	1 15	0 42	20 35	0 29	24 41	1 11	5 0	5 30	7 22		n.a.
M28	19 29	2 29	2 0	22 50	0 42	9 47	7 49	21 20	1 5	23 3	0 9	22 15	0 39	1 15	0 42	20 35	0 29	24 41	1 11	4 58	5 29	7 24		n.a.
T 29	19 14	2n 7	0 47	22 58	0 31	9 49	7 57	21 9	1 5	23 4	0 9	22 15	0 39	1 14	0 42	20 34	0 29	24 41	1 11	4 57	5 28	7 26		n.a.
W30	18 59	6 36	0s28	23 5	0 20	9 52	8 4	20 59	1 5	23 5	0 9	22 15	0 39	1 14	0 42	20 34	0 29	24 41	1 11	4 57	5 27	7 27		n.a.
T 31	18s44	10n40	1s42	23s11	0n10	9s56	8n10	20s48	1s 5	23s 6	0n 9	22n15	0s39	1s14	0n42	20s33	0s29	24n41	1n11	4s57	5s25	7s29		n.a.

Julian Day Number = 1614039.5, Delta T = 03h51m31s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'49, Lahiri = - 8°00'48 Julian Calendar 1 Jan. 294 BCE == Greg. Calendar 28 Dec. 295 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

FEBRUARY 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 25 0	8♒ 3'36	15♉54	10♋59	9°R57	3♒44	19♐ 1	15°R 4	4°R37	1♒29	22°R16	12°R24	13♎32	20♎29	n.a.	F 1
S 2	8 28 56	9° 3'39	29°50	12° 3	9♒19	4°32	19°12	15♊ 2	4♎36	1°31	22♊15	12♎22	13°28	20°35	n.a.	S 2
S 3	8 32 53	10° 3'39	13♊40	13° 9	8°41	5°19	19°23	15° 1	4°35	1°33	22°14	12°18	13°25	20°42	n.a.	S 3
M 4	8 36 49	11° 3'38	27°21	14°18	8° 4	6° 6	19°34	14°59	4°34	1°36	22°13	12°11	13°22	20°48	n.a.	M 4
T 5	8 40 46	12° 3'34	10♋52	15°28	7°27	6°53	19°45	14°57	4°33	1°38	22°13	12° 2	13°19	20°55	n.a.	T 5
W 6	8 44 42	13° 3'28	24°12	16°41	6°50	7°40	19°56	14°56	4°31	1°40	22°12	11°51	13°16	21° 2	n.a.	W 6
T 7	8 48 39	14° 3'20	7♌18	17°55	6°15	8°27	20° 7	14°54	4°30	1°42	22°11	11°41	13°13	21° 8	n.a.	T 7
F 8	8 52 36	15° 3'10	20°10	19°11	5°41	9°14	20°18	14°53	4°29	1°44	22°10	11°31	13° 9	21°15	n.a.	F 8
S 9	8 56 32	16° 2'57	2♍46	20°29	5° 8	10° 1	20°29	14°52	4°28	1°47	22°10	11°23	13° 6	21°22	n.a.	S 9
S 10	9 0 29	17° 2'43	15° 8	21°48	4°37	10°48	20°39	14°51	4°26	1°49	22° 9	11°17	13° 3	21°28	n.a.	S 10
M11	9 4 25	18° 2'27	27°15	23° 9	4° 8	11°35	20°50	14°50	4°25	1°51	22° 8	11°14	13° 0	21°35	n.a.	M11
T 12	9 8 22	19° 2'08	9♎13	24°32	3°41	12°22	21° 0	14°49	4°23	1°53	22° 8	11°D13	12°57	21°42	n.a.	T 12
W13	9 12 18	20° 1'48	21° 3	25°56	3°16	13° 9	21°10	14°48	4°22	1°56	22° 7	11°13	12°53	21°48	n.a.	W13
T 14	9 16 15	21° 1'26	2♏51	27°22	2°53	13°56	21°21	14°48	4°20	1°58	22° 6	11°14	12°50	21°55	n.a.	T 14
F 15	9 20 11	22° 1'02	14°41	28°49	2°32	14°42	21°31	14°47	4°18	2° 0	22° 6	11°16	12°47	22° 2	n.a.	F 15
S 16	9 24 8	23° 0'36	26°39	0♒17	2°14	15°29	21°41	14°47	4°17	2° 2	22° 5	11°R16	12°44	22° 8	n.a.	S 16
S 17	9 28 4	24° 0'09	8♐50	1°47	1°58	16°16	21°51	14°47	4°15	2° 4	22° 5	11°14	12°41	22°15	n.a.	S 17
M18	9 32 1	24°59'39	21°19	3°18	1°45	17° 3	22° 0	14°47	4°13	2° 6	22° 4	11°11	12°38	22°22	n.a.	M18
T 19	9 35 58	25°59'08	4♑ 9	4°50	1°34	17°50	22°10	14°D46	4°12	2° 8	22° 4	11° 6	12°34	22°28	n.a.	T 19
W20	9 39 54	26°58'35	17°24	6°24	1°26	18°36	22°20	14°47	4°10	2°11	22° 3	11° 0	12°31	22°35	n.a.	W20
T 21	9 43 51	27°57'59	1♒ 4	7°59	1°20	19°23	22°29	14°47	4° 8	2°13	22° 3	10°52	12°28	22°41	n.a.	T 21
F 22	9 47 47	28°57'22	15° 7	9°36	1°16	20°10	22°38	14°47	4° 6	2°15	22° 3	10°45	12°25	22°48	n.a.	F 22
S 23	9 51 44	29°56'43	29°29	11°14	1°D15	20°56	22°47	14°47	4° 4	2°17	22° 2	10°39	12°22	22°55	n.a.	S 23
S 24	9 55 40	0♓56'01	14♓ 4	12°53	1°17	21°43	22°56	14°48	4° 2	2°19	22° 2	10°35	12°18	23° 1	n.a.	S 24
M25	9 59 37	1°55'17	28°46	14°33	1°20	22°29	23° 5	14°49	4° 0	2°21	22° 1	10°33	12°15	23° 8	n.a.	M25
T 26	10 3 33	2°54'31	13♈28	16°15	1°26	23°16	23°14	14°49	3°58	2°23	22° 1	10°D32	12°12	23°15	n.a.	T 26
W27	10 7 30	3°53'43	28° 3	17°58	1°35	24° 2	23°23	14°50	3°56	2°25	22° 1	10°33	12° 9	23°21	n.a.	W27
T 28	10 11 27	4♓52'52	12♉28	19♒43	1♒45	24♒49	23♐31	14♊51	3♎54	2♒27	22♊ 1	10♎35	12♎ 6	23♎28	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s28	14n 6	2s49	23s16	0s 0	10s 0	8n16	20s37	1s 6	23s 7	0n 9	22n15	0s38	1s13	0n42	20s33	0s29	24n41	1n11	4s57	5s24	7s31		n.a.
S 2	18 12	16 42	3 45	23 20	0 10	10 5	8 20	20 25	1 6	23 8	0 9	22 15	0 38	1 13	0 42	20 32	0 29	24 41	1 11	4 57	5 23	7 33		n.a.
S 3	17 56	18 17	4 28	23 23	0 19	10 12	8 24	20 14	1 6	23 9	0 9	22 15	0 38	1 12	0 42	20 32	0 29	24 41	1 11	4 55	5 22	7 34		n.a.
M 4	17 40	18 48	4 54	23 25	0 28	10 18	8 27	20 2	1 6	23 10	0 9	22 15	0 38	1 12	0 42	20 31	0 29	24 41	1 11	4 52	5 20	7 36		n.a.
T 5	17 23	18 13	5 4	23 26	0 37	10 26	8 28	19 50	1 6	23 11	0 8	22 15	0 38	1 11	0 42	20 31	0 29	24 41	1 11	4 49	5 19	7 38		n.a.
W 6	17 6	16 39	4 57	23 25	0 45	10 34	8 29	19 38	1 6	23 12	0 8	22 15	0 38	1 11	0 42	20 30	0 29	24 41	1 11	4 45	5 18	7 39		n.a.
T 7	16 49	14 14	4 35	23 24	0 53	10 43	8 29	19 25	1 6	23 13	0 8	22 15	0 37	1 10	0 42	20 30	0 29	24 41	1 11	4 40	5 17	7 41		n.a.
F 8	16 31	11 10	3 59	23 21	1 1	10 52	8 28	19 13	1 5	23 14	0 8	22 15	0 37	1 10	0 42	20 29	0 29	24 41	1 11	4 37	5 15	7 43		n.a.
S 9	16 13	7 38	3 11	23 16	1 8	11 2	8 26	19 0	1 5	23 15	0 8	22 15	0 37	1 9	0 42	20 29	0 29	24 41	1 11	4 33	5 14	7 45		n.a.
S 10	15 55	3 51	2 16	23 11	1 15	11 12	8 23	18 47	1 5	23 16	0 8	22 15	0 37	1 9	0 42	20 28	0 29	24 41	1 11	4 31	5 13	7 46		n.a.
M11	15 36	0s 2	1 14	23 4	1 22	11 22	8 19	18 34	1 5	23 17	0 8	22 15	0 37	1 8	0 42	20 28	0 29	24 41	1 11	4 30	5 12	7 48		n.a.
T 12	15 18	3 52	0 11	22 55	1 28	11 32	8 15	18 20	1 5	23 17	0 8	22 15	0 37	1 7	0 42	20 27	0 29	24 41	1 11	4 29	5 10	7 50		n.a.
W13	14 59	7 30	0n53	22 45	1 34	11 43	8 10	18 7	1 5	23 18	0 8	22 15	0 36	1 7	0 42	20 27	0 29	24 41	1 11	4 29	5 9	7 51		n.a.
T 14	14 40	10 49	1 54	22 34	1 39	11 54	8 4	17 53	1 5	23 19	0 8	22 15	0 36	1 6	0 42	20 26	0 29	24 41	1 11	4 30	5 8	7 53		n.a.
F 15	14 20	13 43	2 51	22 21	1 45	12 5	7 58	17 39	1 5	23 20	0 7	22 15	0 36	1 5	0 42	20 26	0 29	24 41	1 11	4 30	5 7	7 55		n.a.
S 16	14 1	16 4	3 41	22 7	1 49	12 15	7 51	17 25	1 5	23 20	0 7	22 15	0 36	1 5	0 42	20 25	0 29	24 41	1 11	4 30	5 5	7 56		n.a.
S 17	13 41	17 44	4 21	21 51	1 54	12 26	7 43	17 11	1 5	23 21	0 7	22 15	0 36	1 4	0 42	20 25	0 29	24 41	1 11	4 30	5 4	7 58		n.a.
M18	13 21	18 36	4 51	21 33	1 57	12 37	7 35	16 57	1 5	23 22	0 7	22 16	0 36	1 3	0 42	20 24	0 29	24 41	1 12	4 29	5 3	8 0		n.a.
T 19	13 1	18 33	5 7	21 14	2 1	12 47	7 26	16 42	1 5	23 23	0 7	22 16	0 35	1 2	0 42	20 24	0 29	24 41	1 12	4 27	5 2	8 2		n.a.
W20	12 40	17 30	5 7	20 54	2 4	12 58	7 18	16 27	1 5	23 23	0 7	22 16	0 35	1 2	0 42	20 23	0 29	24 41	1 12	4 24	5 0	8 3		n.a.
T 21	12 19	15 26	4 50	20 32	2 7	13 8	7 8	16 12	1 5	23 24	0 7	22 16	0 35	1 1	0 42	20 23	0 29	24 41	1 12	4 21	4 59	8 5		n.a.
F 22	11 59	12 25	4 16	20 8	2 9	13 18	6 59	15 57	1 4	23 24	0 7	22 16	0 35	1 0	0 42	20 22	0 29	24 41	1 12	4 18	4 58	8 7		n.a.
S 23	11 38	8 36	3 25	19 42	2 10	13 28	6 49	15 42	1 4	23 25	0 7	22 16	0 35	0 59	0 42	20 22	0 29	24 41	1 12	4 16	4 57	8 8		n.a.
S 24	11 16	4 12	2 19	19 15	2 12	13 37	6 39	15 27	1 4	23 26	0 7	22 17	0 35	0 59	0 42	20 22	0 29	24 41	1 12	4 14	4 55	8 10		n.a.
M25	10 55	0n29	1 4	18 46	2 13	13 46	6 29	15 11	1 4	23 26	0 6	22 17	0 34	0 58	0 42	20 21	0 29	24 41	1 12	4 13	4 54	8 12		n.a.
T 26	10 34	5 8	0s16	18 16	2 13	13 55	6 19	14 56	1 4	23 27	0 6	22 17	0 34	0 57	0 42	20 21	0 29	24 41	1 12	4 13	4 53	8 13		n.a.
W27	10 12	9 27	1 34	17 44	2 13	14 3	6 9	14 40	1 4	23 27	0 6	22 17	0 34	0 56	0 42	20 20	0 30	24 41	1 12	4 14	4 51	8 15		n.a.
T 28	9s50	13n 8	2s45	17s10	2s12	14s11	5n58	14s24	1s 4	23s28	0n 6	22n18	0s34	0s55	0n42	20s20	0s30	24n41	1n12	4s14	4s50	8s17		n.a.

Julian Day Number = 1614070.5, Delta T = 03h51m30s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'45, Lahiri = - 8°00'44 Julian Calendar 1 Feb. 294 BCE == Greg. Calendar 28 Jan. 294 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

MARCH 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 15 23	5♓51'59	26♉39	21♒29	1♒58	25♒35	23♐40	14♊52	3°R52	2♒29	22°R 0	10♎36	12♎ 3	23♎35	n.a.	F 1
S 2	10 19 20	6°51'03	10♊35	23°16	2°12	26°22	23°48	14°53	3♎50	2°31	22♊ 0	10°R36	11°59	23°41	n.a.	S 2
S 3	10 23 16	7°50'05	24°15	25° 5	2°29	27° 8	23°56	14°55	3°47	2°33	22° 0	10°35	11°56	23°48	n.a.	S 3
M 4	10 27 13	8°49'04	7♋41	26°55	2°47	27°54	24° 4	14°56	3°45	2°35	22° 0	10°32	11°53	23°55	n.a.	M 4
T 5	10 31 9	9°48'01	20°52	28°47	3° 7	28°40	24°12	14°57	3°43	2°37	22° 0	10°28	11°50	24° 1	n.a.	T 5
W 6	10 35 6	10°46'56	3♌49	0♓40	3°30	29°27	24°20	14°59	3°41	2°39	22° 0	10°24	11°47	24° 8	n.a.	W 6
T 7	10 39 2	11°45'48	16°33	2°34	3°54	0♓13	24°27	15° 1	3°39	2°41	21°59	10°19	11°44	24°15	n.a.	T 7
F 8	10 42 59	12°44'38	29° 5	4°30	4°19	0°59	24°35	15° 3	3°36	2°42	21°59	10°14	11°40	24°21	n.a.	F 8
S 9	10 46 55	13°43'26	11♍24	6°28	4°46	1°45	24°42	15° 5	3°34	2°44	21°59	10°11	11°37	24°28	n.a.	S 9
S 10	10 50 52	14°42'12	23°33	8°26	5°15	2°31	24°49	15° 7	3°32	2°46	21°D59	10° 8	11°34	24°34	n.a.	S 10
M11	10 54 49	15°40'56	5♎33	10°26	5°45	3°17	24°56	15° 9	3°29	2°48	21°59	10°D 7	11°31	24°41	n.a.	M11
T 12	10 58 45	16°39'37	17°26	12°27	6°17	4° 3	25° 3	15°11	3°27	2°50	21°59	10° 7	11°28	24°48	n.a.	T 12
W13	11 2 42	17°38'17	29°15	14°30	6°50	4°49	25°10	15°13	3°24	2°51	21°59	10° 8	11°24	24°54	n.a.	W13
T 14	11 6 38	18°36'55	11♏ 3	16°33	7°25	5°35	25°16	15°16	3°22	2°53	21°59	10°10	11°21	25° 1	n.a.	T 14
F 15	11 10 35	19°35'31	22°54	18°38	8° 1	6°21	25°23	15°18	3°19	2°55	22° 0	10°12	11°18	25° 8	n.a.	F 15
S 16	11 14 31	20°34'06	4♐52	20°44	8°38	7° 6	25°29	15°21	3°17	2°56	22° 0	10°13	11°15	25°14	n.a.	S 16
S 17	11 18 28	21°32'38	17° 2	22°50	9°16	7°52	25°35	15°24	3°15	2°58	22° 0	10°R14	11°12	25°21	n.a.	S 17
M18	11 22 24	22°31'09	29°29	24°57	9°55	8°38	25°41	15°27	3°12	3° 0	22° 0	10°14	11° 9	25°28	n.a.	M18
T 19	11 26 21	23°29'38	12♑16	27° 4	10°36	9°23	25°47	15°30	3°10	3° 1	22° 0	10°13	11° 5	25°34	n.a.	T 19
W20	11 30 18	24°28'06	25°28	29°11	11°17	10° 9	25°53	15°33	3° 7	3° 3	22° 0	10°11	11° 2	25°41	n.a.	W20
T 21	11 34 14	25°26'32	9♒ 6	1♈18	12° 0	10°55	25°58	15°36	3° 5	3° 5	22° 1	10° 9	10°59	25°48	n.a.	T 21
F 22	11 38 11	26°24'56	23°11	3°25	12°44	11°40	26° 4	15°39	3° 2	3° 6	22° 1	10° 8	10°56	25°54	n.a.	F 22
S 23	11 42 7	27°23'18	7♓40	5°31	13°28	12°26	26° 9	15°42	3° 0	3° 8	22° 1	10° 6	10°53	26° 1	n.a.	S 23
S 24	11 46 4	28°21'38	22°27	7°36	14°13	13°11	26°14	15°46	2°57	3° 9	22° 2	10° 5	10°49	26° 8	n.a.	S 24
M25	11 50 0	29°19'56	7♈27	9°39	14°59	13°57	26°18	15°49	2°54	3°11	22° 2	10°D 5	10°46	26°14	n.a.	M25
T 26	11 53 57	0♈18'13	22°30	11°41	15°46	14°42	26°23	15°53	2°52	3°12	22° 2	10° 5	10°43	26°21	n.a.	T 26
W27	11 57 53	1°16'27	7♉28	13°41	16°34	15°27	26°28	15°57	2°49	3°13	22° 3	10° 5	10°40	26°28	n.a.	W27
T 28	12 1 50	2°14'40	22°13	15°38	17°23	16°12	26°32	16° 0	2°47	3°15	22° 3	10° 6	10°37	26°34	n.a.	T 28
F 29	12 5 46	3°12'50	6♊40	17°33	18°12	16°58	26°36	16° 4	2°44	3°16	22° 4	10° 7	10°34	26°41	n.a.	F 29
S 30	12 9 43	4°10'59	20°46	19°25	19° 2	17°43	26°40	16° 8	2°42	3°18	22° 4	10° 7	10°30	26°47	n.a.	S 30
S 31	12 13 40	5♈ 9'05	4♋29	21♈14	19♒53	18♓28	26♐44	16♊12	2♎39	3♒19	22♊ 5	10°R 7	10♎27	26♎54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s28	15n59	3s45	16s35	2s11	14s19	5n48	14s 8	1s 3	23s28	0n 6	22n18	0s34	0s54	0n42	20s19	0s30	24n41	1n12	4s15	4s49	8s18		n.a.
S 2	9 6	17 50	4 31	15 57	2 9	14 26	5 37	13 52	1 3	23 29	0 6	22 18	0 34	0 54	0 42	20 19	0 30	24 41	1 12	4 15	4 48	8 20		n.a.
S 3	8 44	18 36	5 0	15 19	2 7	14 32	5 27	13 36	1 3	23 29	0 6	22 19	0 33	0 53	0 42	20 18	0 30	24 41	1 12	4 14	4 46	8 22		n.a.
M 4	8 22	18 18	5 12	14 38	2 5	14 38	5 16	13 20	1 3	23 30	0 6	22 19	0 33	0 52	0 42	20 18	0 30	24 41	1 12	4 13	4 45	8 23		n.a.
T 5	7 59	17 1	5 8	13 56	2 2	14 44	5 6	13 3	1 3	23 30	0 6	22 19	0 33	0 51	0 42	20 18	0 30	24 41	1 12	4 12	4 44	8 25		n.a.
W 6	7 37	14 53	4 47	13 12	1 58	14 49	4 55	12 47	1 2	23 31	0 6	22 20	0 33	0 50	0 42	20 17	0 30	24 41	1 12	4 10	4 43	8 27		n.a.
T 7	7 14	12 3	4 13	12 27	1 54	14 54	4 45	12 30	1 2	23 31	0 5	22 20	0 33	0 49	0 42	20 17	0 30	24 41	1 12	4 8	4 41	8 28		n.a.
F 8	6 51	8 43	3 27	11 40	1 49	14 58	4 34	12 13	1 2	23 32	0 5	22 20	0 33	0 48	0 42	20 16	0 30	24 41	1 12	4 6	4 40	8 30		n.a.
S 9	6 29	5 2	2 31	10 51	1 44	15 2	4 24	11 56	1 2	23 32	0 5	22 21	0 32	0 47	0 43	20 16	0 30	24 41	1 12	4 5	4 39	8 32		n.a.
S 10	6 6	1 13	1 30	10 1	1 38	15 5	4 14	11 40	1 2	23 32	0 5	22 21	0 32	0 46	0 43	20 16	0 30	24 41	1 12	4 4	4 38	8 33		n.a.
M11	5 43	2s37	0 25	9 9	1 31	15 7	4 4	11 23	1 1	23 33	0 5	22 21	0 32	0 45	0 43	20 15	0 30	24 41	1 12	4 3	4 36	8 35		n.a.
T 12	5 20	6 18	0n40	8 16	1 24	15 9	3 54	11 5	1 1	23 33	0 5	22 22	0 32	0 44	0 43	20 15	0 30	24 41	1 12	4 3	4 35	8 37		n.a.
W13	4 57	9 44	1 44	7 21	1 17	15 11	3 44	10 48	1 1	23 34	0 5	22 22	0 32	0 43	0 43	20 14	0 30	24 41	1 12	4 4	4 34	8 38		n.a.
T 14	4 33	12 45	2 43	6 25	1 9	15 12	3 34	10 31	1 1	23 34	0 5	22 23	0 32	0 42	0 43	20 14	0 30	24 41	1 12	4 4	4 33	8 40		n.a.
F 15	4 10	15 15	3 35	5 28	1 0	15 12	3 24	10 14	1 0	23 34	0 5	22 23	0 32	0 41	0 43	20 14	0 30	24 41	1 12	4 5	4 31	8 42		n.a.
S 16	3 47	17 8	4 18	4 30	0 52	15 12	3 15	9 56	1 0	23 35	0 4	22 24	0 31	0 40	0 43	20 13	0 30	24 41	1 12	4 6	4 30	8 43		n.a.
S 17	3 24	18 16	4 51	3 31	0 42	15 11	3 5	9 39	1 0	23 35	0 4	22 24	0 31	0 39	0 43	20 13	0 30	24 41	1 13	4 6	4 29	8 45		n.a.
M18	3 0	18 33	5 11	2 32	0 32	15 9	2 56	9 21	1 0	23 35	0 4	22 24	0 31	0 38	0 43	20 13	0 30	24 41	1 13	4 6	4 28	8 47		n.a.
T 19	2 37	17 54	5 16	1 31	0 22	15 7	2 47	9 3	0 59	23 36	0 4	22 25	0 31	0 37	0 43	20 12	0 30	24 41	1 13	4 5	4 26	8 48		n.a.
W20	2 13	16 18	5 5	0 31	0 12	15 5	2 37	8 46	0 59	23 36	0 4	22 25	0 31	0 36	0 43	20 12	0 30	24 42	1 13	4 5	4 25	8 50		n.a.
T 21	1 50	13 44	4 37	0n30	0 1	15 2	2 28	8 28	0 59	23 36	0 4	22 26	0 31	0 35	0 43	20 12	0 30	24 42	1 13	4 4	4 24	8 51		n.a.
F 22	1 26	10 18	3 52	1 31	0n10	14 58	2 20	8 10	0 58	23 36	0 4	22 26	0 30	0 34	0 43	20 11	0 30	24 42	1 13	4 3	4 23	8 53		n.a.
S 23	1 3	6 10	2 50	2 32	0 21	14 53	2 11	7 52	0 58	23 37	0 4	22 27	0 30	0 33	0 43	20 11	0 30	24 42	1 13	4 3	4 21	8 55		n.a.
S 24	0 40	1 33	1 36	3 32	0 32	14 49	2 2	7 34	0 58	23 37	0 4	22 27	0 30	0 32	0 43	20 11	0 30	24 42	1 13	4 2	4 20	8 56		n.a.
M25	0 16	3n13	0 15	4 31	0 43	14 43	1 54	7 16	0 57	23 37	0 3	22 28	0 30	0 31	0 43	20 10	0 30	24 42	1 13	4 2	4 19	8 58		n.a.
T 26	0n 7	7 48	1s 8	5 30	0 54	14 37	1 46	6 58	0 57	23 37	0 3	22 29	0 30	0 30	0 43	20 10	0 30	24 42	1 13	4 2	4 18	9 0		n.a.
W27	0 31	11 52	2 26	6 27	1 5	14 31	1 38	6 40	0 57	23 38	0 3	22 29	0 30	0 29	0 43	20 10	0 30	24 42	1 13	4 3	4 16	9 1		n.a.
T 28	0 54	15 6	3 33	7 23	1 15	14 23	1 30	6 22	0 56	23 38	0 3	22 30	0 30	0 28	0 43	20 9	0 30	24 42	1 13	4 3	4 15	9 3		n.a.
F 29	1 18	17 20	4 25	8 17	1 25	14 16	1 22	6 4	0 56	23 38	0 3	22 30	0 29	0 27	0 43	20 9	0 30	24 42	1 13	4 3	4 14	9 5		n.a.
S 30	1 41	18 25	5 0	9 9	1 35	14 8	1 14	5 46	0 56	23 38	0 3	22 31	0 29	0 26	0 43	20 9	0 30	24 42	1 13	4 3	4 12	9 6		n.a.
S 31	2n 4	18n23	5s16	10n 0	1n44	13s59	1n 6	5s28	0s55	23s39	0n 3	22n31	0s29	0s25	0n43	20s 8	0s30	24n42	1n13	4s 3	4s11	9s 8		n.a.

Julian Day Number = 1614098.5, Delta T = 03h51m29s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'41, Lahiri = - 8°00'40 Julian Calendar 1 March 294 BCE == Greg. Calendar 25 Feb. 294 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

APRIL 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 17 36	6♈ 7'09	17♋51	23♈ 0	20♒44	19♓13	26♐47	16♊17	2°R37	3♒20	22♊ 5	10°R 7	10♎24	27♎ 1	n.a.	M 1
T 2	12 21 33	7° 5'11	0♌52	24°43	21°36	19°58	26°51	16°21	2♎34	3°21	22° 6	10♎ 7	10°21	27° 7	n.a.	T 2
W 3	12 25 29	8° 3'11	13°35	26°22	22°28	20°43	26°54	16°25	2°32	3°23	22° 6	10° 7	10°18	27°14	n.a.	W 3
T 4	12 29 26	9° 1'09	26° 3	27°57	23°21	21°28	26°57	16°30	2°29	3°24	22° 7	10° 6	10°15	27°21	n.a.	T 4
F 5	12 33 22	9°59'05	8♍18	29°28	24°15	22°13	27° 0	16°34	2°26	3°25	22° 8	10°D 6	10°11	27°27	n.a.	F 5
S 6	12 37 19	10°57'00	20°24	0♉56	25° 9	22°57	27° 3	16°39	2°24	3°26	22° 8	10° 6	10° 8	27°34	n.a.	S 6
S 7	12 41 15	11°54'52	2♎22	2°20	26° 4	23°42	27° 5	16°43	2°21	3°27	22° 9	10° 7	10° 5	27°41	n.a.	S 7
M 8	12 45 12	12°52'43	14°14	3°39	26°59	24°27	27° 8	16°48	2°19	3°28	22°10	10°R 7	10° 2	27°47	n.a.	M 8
T 9	12 49 9	13°50'33	26° 4	4°55	27°55	25°11	27°10	16°53	2°16	3°29	22°10	10° 6	9°59	27°54	n.a.	T 9
W10	12 53 5	14°48'20	7♏52	6° 6	28°51	25°56	27°12	16°58	2°14	3°30	22°11	10° 6	9°55	28° 1	n.a.	W10
T 11	12 57 2	15°46'07	19°42	7°13	29°48	26°41	27°14	17° 3	2°12	3°31	22°12	10° 5	9°52	28° 7	n.a.	T 11
F 12	13 0 58	16°43'52	1♐36	8°16	0♓45	27°25	27°15	17° 8	2° 9	3°32	22°12	10° 5	9°49	28°14	n.a.	F 12
S 13	13 4 55	17°41'35	13°37	9°14	1°43	28° 9	27°17	17°13	2° 7	3°33	22°13	10° 4	9°46	28°21	n.a.	S 13
S 14	13 8 51	18°39'18	25°49	10° 8	2°40	28°54	27°18	17°18	2° 4	3°34	22°14	10° 3	9°43	28°27	n.a.	S 14
M15	13 12 48	19°36'59	8♑15	10°58	3°39	29°38	27°19	17°24	2° 2	3°35	22°15	10° 2	9°40	28°34	n.a.	M15
T 16	13 16 44	20°34'39	21° 0	11°43	4°38	0♈22	27°20	17°29	1°59	3°36	22°16	10°D 2	9°36	28°41	n.a.	T 16
W17	13 20 41	21°32'18	4♒ 6	12°23	5°37	1° 7	27°21	17°34	1°57	3°37	22°17	10° 2	9°33	28°47	n.a.	W17
T 18	13 24 38	22°29'56	17°37	12°59	6°36	1°51	27°21	17°40	1°55	3°37	22°18	10° 3	9°30	28°54	n.a.	T 18
F 19	13 28 34	23°27'33	1♓34	13°30	7°36	2°35	27°21	17°45	1°52	3°38	22°19	10° 4	9°27	29° 1	n.a.	F 19
S 20	13 32 31	24°25'08	15°56	13°56	8°36	3°19	27°R21	17°51	1°50	3°39	22°19	10° 5	9°24	29° 7	n.a.	S 20
S 21	13 36 27	25°22'43	0♈41	14°18	9°36	4° 3	27°21	17°57	1°48	3°40	22°20	10° 6	9°20	29°14	n.a.	S 21
M22	13 40 24	26°20'16	15°43	14°34	10°37	4°47	27°21	18° 2	1°46	3°40	22°21	10°R 6	9°17	29°20	n.a.	M22
T 23	13 44 20	27°17'48	0♉55	14°46	11°38	5°31	27°21	18° 8	1°43	3°41	22°22	10° 5	9°14	29°27	n.a.	T 23
W24	13 48 17	28°15'19	16° 6	14°53	12°40	6°15	27°20	18°14	1°41	3°41	22°23	10° 3	9°11	29°34	n.a.	W24
T 25	13 52 13	29°12'49	1♊ 7	14°R56	13°41	6°58	27°19	18°20	1°39	3°42	22°24	10° 1	9° 8	29°40	n.a.	T 25
F 26	13 56 10	0♉10'17	15°49	14°54	14°43	7°42	27°18	18°26	1°37	3°43	22°26	9°59	9° 5	29°47	n.a.	F 26
S 27	14 0 6	1° 7'44	0♋ 8	14°47	15°45	8°26	27°17	18°32	1°35	3°43	22°27	9°56	9° 1	29°54	n.a.	S 27
S 28	14 4 3	2° 5'10	14° 0	14°36	16°47	9° 9	27°15	18°38	1°33	3°43	22°28	9°54	8°58	0♏ 0	n.a.	S 28
M29	14 8 0	3° 2'34	27°25	14°21	17°50	9°53	27°14	18°45	1°31	3°44	22°29	9°D53	8°55	0° 7	n.a.	M29
T 30	14 11 56	3♉59'57	10♌25	14♉ 2	18♓53	10♈36	27♐12	18♊51	1♎29	3♒44	22♊30	9♎54	8♎52	0♏14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n27	17n19	5s15	10n48	1n53	13s49	0n59	5s10	0s55	23s39	0n 3	22n32	0s29	0s24	0n43	20s 8	0s30	24n42	1n13	4s 3	4s10	9s 9		n.a.
T 2	2 51	15 22	4 57	11 34	2 1	13 40	0 52	4 51	0 55	23 39	0 2	22 32	0 29	0 23	0 43	20 8	0 30	24 42	1 13	4 3	4 9	9 11		n.a.
W 3	3 14	12 43	4 25	12 17	2 9	13 29	0 45	4 33	0 54	23 39	0 2	22 33	0 29	0 22	0 43	20 8	0 30	24 42	1 13	4 3	4 7	9 13		n.a.
T 4	3 37	9 31	3 41	12 59	2 16	13 18	0 38	4 15	0 54	23 39	0 2	22 34	0 29	0 21	0 43	20 7	0 30	24 42	1 13	4 3	4 6	9 14		n.a.
F 5	4 0	5 58	2 48	13 38	2 22	13 7	0 31	3 57	0 54	23 40	0 2	22 34	0 28	0 20	0 42	20 7	0 30	24 43	1 13	4 3	4 5	9 16		n.a.
S 6	4 23	2 12	1 47	14 14	2 27	12 55	0 24	3 38	0 53	23 40	0 2	22 35	0 28	0 19	0 42	20 7	0 30	24 43	1 13	4 3	4 4	9 18		n.a.
S 7	4 46	1s36	0 43	14 48	2 32	12 42	0 18	3 20	0 53	23 40	0 2	22 35	0 28	0 18	0 42	20 7	0 30	24 43	1 13	4 3	4 2	9 19		n.a.
M 8	5 9	5 20	0n23	15 19	2 36	12 29	0 11	3 2	0 52	23 40	0 2	22 36	0 28	0 17	0 42	20 6	0 30	24 43	1 13	4 3	4 1	9 21		n.a.
T 9	5 31	8 49	1 28	15 48	2 38	12 16	0 5	2 44	0 52	23 40	0 2	22 37	0 28	0 16	0 42	20 6	0 30	24 43	1 13	4 3	4 0	9 22		n.a.
W10	5 54	11 58	2 28	16 14	2 40	12 2	0s 1	2 25	0 52	23 41	0 1	22 37	0 28	0 15	0 42	20 6	0 31	24 43	1 13	4 3	3 59	9 24		n.a.
T 11	6 17	14 37	3 23	16 38	2 42	11 47	0 7	2 7	0 51	23 41	0 1	22 38	0 28	0 14	0 42	20 6	0 31	24 43	1 13	4 3	3 57	9 26		n.a.
F 12	6 39	16 40	4 9	16 59	2 42	11 32	0 13	1 49	0 51	23 41	0 1	22 39	0 27	0 13	0 42	20 6	0 31	24 43	1 13	4 2	3 56	9 27		n.a.
S 13	7 1	18 0	4 44	17 17	2 41	11 17	0 18	1 31	0 50	23 41	0 1	22 39	0 27	0 12	0 42	20 5	0 31	24 43	1 13	4 2	3 55	9 29		n.a.
S 14	7 24	18 32	5 8	17 33	2 39	11 1	0 24	1 12	0 50	23 41	0 1	22 40	0 27	0 11	0 42	20 5	0 31	24 43	1 14	4 2	3 54	9 30		n.a.
M15	7 46	18 11	5 17	17 46	2 37	10 45	0 29	0 54	0 50	23 41	0 1	22 40	0 27	0 10	0 42	20 5	0 31	24 43	1 14	4 1	3 52	9 32		n.a.
T 16	8 8	16 56	5 12	17 57	2 33	10 28	0 35	0 36	0 49	23 41	0 1	22 41	0 27	0 9	0 42	20 5	0 31	24 43	1 14	4 1	3 51	9 34		n.a.
W17	8 30	14 46	4 50	18 5	2 28	10 11	0 40	0 18	0 49	23 42	0 0	22 42	0 27	0 8	0 42	20 5	0 31	24 44	1 14	4 1	3 50	9 35		n.a.
T 18	8 51	11 45	4 12	18 11	2 22	9 53	0 45	0n 0	0 48	23 42	0 0	22 42	0 27	0 7	0 42	20 5	0 31	24 44	1 14	4 2	3 48	9 37		n.a.
F 19	9 13	7 58	3 18	18 14	2 16	9 35	0 49	0 19	0 48	23 42	0 0	22 43	0 26	0 7	0 42	20 4	0 31	24 44	1 14	4 2	3 47	9 38		n.a.
S 20	9 35	3 37	2 10	18 15	2 8	9 17	0 54	0 37	0 47	23 42	0 0	22 44	0 26	0 6	0 42	20 4	0 31	24 44	1 14	4 2	3 46	9 40		n.a.
S 21	9 56	1n 4	0 52	18 13	1 59	8 58	0 59	0 55	0 47	23 42	0s 0	22 44	0 26	0 5	0 42	20 4	0 31	24 44	1 14	4 3	3 45	9 42		n.a.
M22	10 17	5 47	0s31	18 9	1 49	8 39	1 3	1 13	0 46	23 42	0 0	22 45	0 26	0 4	0 42	20 4	0 31	24 44	1 14	4 3	3 43	9 43		n.a.
T 23	10 38	10 10	1 53	18 2	1 39	8 19	1 7	1 31	0 46	23 42	0 0	22 46	0 26	0 3	0 42	20 4	0 31	24 44	1 14	4 2	3 42	9 45		n.a.
W24	10 59	13 53	3 6	17 53	1 27	7 59	1 11	1 49	0 45	23 43	0 1	22 46	0 26	0 2	0 42	20 4	0 31	24 44	1 14	4 2	3 41	9 46		n.a.
T 25	11 20	16 37	4 6	17 41	1 14	7 39	1 15	2 7	0 45	23 43	0 1	22 47	0 26	0 1	0 42	20 4	0 31	24 44	1 14	4 1	3 40	9 48		n.a.
F 26	11 40	18 11	4 48	17 28	1 1	7 18	1 19	2 25	0 44	23 43	0 1	22 48	0 26	0 0	0 42	20 4	0 31	24 44	1 14	4 0	3 38	9 50		n.a.
S 27	12 0	18 33	5 11	17 12	0 46	6 57	1 23	2 43	0 44	23 43	0 1	22 48	0 25	0n 0	0 42	20 3	0 31	24 44	1 14	3 59	3 37	9 51		n.a.
S 28	12 21	17 46	5 15	16 54	0 31	6 36	1 27	3 0	0 43	23 43	0 1	22 49	0 25	0 1	0 42	20 3	0 31	24 45	1 14	3 58	3 36	9 53		n.a.
M29	12 40	16 1	5 1	16 35	0 15	6 15	1 30	3 18	0 43	23 43	0 1	22 50	0 25	0 2	0 42	20 3	0 31	24 45	1 14	3 58	3 35	9 54		n.a.
T 30	13n 0	13n29	4s32	16n14	0s 1	5s53	1s33	3n36	0s42	23s43	0s 1	22n50	0s25	0n 3	0n42	20s 3	0s31	24n45	1n14	3s58	3s33	9s56		n.a.

Julian Day Number = 1614129.5, Delta T = 03h51m28s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'37, Lahiri = - 8°00'36 Julian Calendar 1 Apr. 294 BCE == Greg. Calendar 28 March 294 BCE

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ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

MAY 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 15 53	4♉57'19	23♌ 3	13°R40	19♓56	11♈20	27°R10	18♊57	1°R27	3♒45	22♊31	9♎54	8♎49	0♏20	n.a.	W 1
T 2	14 19 49	5°54'39	5♍23	13♉14	20°59	12° 3	27♐ 8	19° 4	1♎25	3°45	22°32	9°56	8°46	0°27	n.a.	T 2
F 3	14 23 46	6°51'58	17°29	12°46	22° 3	12°47	27° 5	19°10	1°23	3°45	22°33	9°58	8°42	0°34	n.a.	F 3
S 4	14 27 42	7°49'16	29°26	12°16	23° 7	13°30	27° 3	19°17	1°21	3°46	22°35	9°59	8°39	0°40	n.a.	S 4
S 5	14 31 39	8°46'33	11♎17	11°44	24°11	14°13	27° 0	19°23	1°19	3°46	22°36	9°R59	8°36	0°47	n.a.	S 5
M 6	14 35 35	9°43'49	23° 5	11°11	25°15	14°56	26°57	19°30	1°17	3°46	22°37	9°59	8°33	0°54	n.a.	M 6
T 7	14 39 32	10°41'04	4♏53	10°37	26°19	15°39	26°54	19°36	1°15	3°46	22°38	9°56	8°30	1° 0	n.a.	T 7
W 8	14 43 29	11°38'18	16°43	10° 4	27°24	16°22	26°51	19°43	1°14	3°46	22°40	9°53	8°26	1° 7	n.a.	W 8
T 9	14 47 25	12°35'32	28°38	9°31	28°29	17° 5	26°48	19°50	1°12	3°46	22°41	9°48	8°23	1°14	n.a.	T 9
F 10	14 51 22	13°32'45	10♐39	8°59	29°33	17°48	26°44	19°56	1°10	3°46	22°42	9°42	8°20	1°20	n.a.	F 10
S 11	14 55 18	14°29'57	22°48	8°29	0♈39	18°31	26°40	20° 3	1° 9	3°46	22°44	9°36	8°17	1°27	n.a.	S 11
S 12	14 59 15	15°27'09	5♑ 7	8° 1	1°44	19°14	26°36	20°10	1° 7	3°R46	22°45	9°30	8°14	1°34	n.a.	S 12
M13	15 3 11	16°24'20	17°39	7°36	2°49	19°57	26°32	20°17	1° 6	3°46	22°46	9°26	8°11	1°40	n.a.	M13
T 14	15 7 8	17°21'32	0♒26	7°14	3°55	20°39	26°28	20°24	1° 4	3°46	22°48	9°23	8° 7	1°47	n.a.	T 14
W15	15 11 5	18°18'42	13°30	6°56	5° 1	21°22	26°24	20°31	1° 3	3°46	22°49	9°D22	8° 4	1°54	n.a.	W15
T 16	15 15 1	19°15'53	26°55	6°41	6° 7	22° 5	26°19	20°38	1° 1	3°46	22°50	9°22	8° 1	2° 0	n.a.	T 16
F 17	15 18 58	20°13'03	10♓41	6°30	7°13	22°47	26°14	20°45	1° 0	3°46	22°52	9°23	7°58	2° 7	n.a.	F 17
S 18	15 22 54	21°10'13	24°51	6°24	8°19	23°30	26° 9	20°52	0°58	3°46	22°53	9°24	7°55	2°14	n.a.	S 18
S 19	15 26 51	22° 7'23	9♈24	6°D22	9°26	24°12	26° 4	20°59	0°57	3°46	22°55	9°R25	7°52	2°20	n.a.	S 19
M20	15 30 47	23° 4'32	24°15	6°24	10°32	24°54	25°59	21° 7	0°56	3°45	22°56	9°24	7°48	2°27	n.a.	M20
T 21	15 34 44	24° 1'42	9♉19	6°31	11°39	25°37	25°54	21°14	0°55	3°45	22°57	9°21	7°45	2°34	n.a.	T 21
W22	15 38 40	24°58'51	24°28	6°43	12°46	26°19	25°48	21°21	0°54	3°45	22°59	9°17	7°42	2°40	n.a.	W22
T 23	15 42 37	25°56'00	9♊31	7° 0	13°53	27° 1	25°43	21°28	0°52	3°44	23° 0	9°10	7°39	2°47	n.a.	T 23
F 24	15 46 34	26°53'09	24°19	7°21	15° 0	27°43	25°37	21°36	0°51	3°44	23° 2	9° 3	7°36	2°53	n.a.	F 24
S 25	15 50 30	27°50'17	8♋46	7°47	16° 7	28°25	25°31	21°43	0°50	3°44	23° 3	8°56	7°32	3° 0	n.a.	S 25
S 26	15 54 27	28°47'25	22°45	8°17	17°14	29° 7	25°25	21°50	0°49	3°43	23° 5	8°50	7°29	3° 7	n.a.	S 26
M27	15 58 23	29°44'32	6♌15	8°52	18°22	29°49	25°19	21°58	0°48	3°43	23° 6	8°46	7°26	3°13	n.a.	M27
T 28	16 2 20	0♊41'39	19°18	9°32	19°29	0♉31	25°12	22° 5	0°48	3°42	23° 8	8°43	7°23	3°20	n.a.	T 28
W29	16 6 16	1°38'46	1♍57	10°16	20°37	1°13	25° 6	22°13	0°47	3°42	23° 9	8°D43	7°20	3°27	n.a.	W29
T 30	16 10 13	2°35'52	14°15	11° 4	21°45	1°54	24°59	22°20	0°46	3°41	23°11	8°43	7°17	3°33	n.a.	T 30
F 31	16 14 9	3♊32'58	26♍19	11♉57	22♈53	2♉36	24♐53	22♊28	0♎45	3♒40	23♊12	8♎44	7♎13	3♏40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	13n20	10n22	3s51	15n51	0s18	5s31	1s37	3n54	0s42	23s43	0s 2	22n51	0s25	0n 4	0n42	20s 3	0s31	24n45	1n14	3s58	3s32	9s57			n.a.
T 2	13 39	6 53	2 59	15 27	0 35	5 8	1 40	4 11	0 41	23 44	0 2	22 52	0 25	0 4	0 42	20 3	0 31	24 45	1 14	3 59	3 31	9 59			n.a.
F 3	13 58	3 9	2 1	15 2	0 52	4 46	1 43	4 29	0 41	23 44	0 2	22 52	0 25	0 5	0 42	20 3	0 31	24 45	1 14	3 59	3 30	10 1			n.a.
S 4	14 17	0s39	0 58	14 37	1 9	4 23	1 45	4 46	0 40	23 44	0 2	22 53	0 25	0 6	0 42	20 3	0 31	24 45	1 14	4 0	3 28	10 2			n.a.
S 5	14 36	4 24	0n 7	14 11	1 26	3 59	1 48	5 4	0 40	23 44	0 2	22 53	0 25	0 7	0 42	20 3	0 31	24 45	1 14	4 0	3 27	10 4			n.a.
M 6	14 54	7 58	1 11	13 45	1 43	3 36	1 51	5 21	0 39	23 44	0 2	22 54	0 24	0 7	0 42	20 3	0 31	24 45	1 14	4 0	3 26	10 5			n.a.
T 7	15 12	11 14	2 12	13 19	1 59	3 12	1 53	5 38	0 39	23 44	0 3	22 55	0 24	0 8	0 42	20 3	0 31	24 46	1 14	3 59	3 24	10 7			n.a.
W 8	15 30	14 2	3 8	12 53	2 14	2 48	1 55	5 55	0 38	23 44	0 3	22 55	0 24	0 9	0 42	20 3	0 31	24 46	1 14	3 57	3 23	10 8			n.a.
T 9	15 48	16 16	3 55	12 29	2 29	2 24	1 57	6 13	0 38	23 44	0 3	22 56	0 24	0 9	0 42	20 3	0 31	24 46	1 15	3 55	3 22	10 10			n.a.
F 10	16 6	17 49	4 33	12 5	2 43	2 0	2 0	6 30	0 37	23 44	0 3	22 57	0 24	0 10	0 42	20 3	0 31	24 46	1 15	3 53	3 21	10 12			n.a.
S 11	16 23	18 34	4 58	11 43	2 56	1 36	2 1	6 47	0 37	23 44	0 3	22 57	0 24	0 11	0 42	20 3	0 31	24 46	1 15	3 51	3 19	10 13			n.a.
S 12	16 40	18 27	5 10	11 23	3 8	1 11	2 3	7 4	0 36	23 44	0 3	22 58	0 24	0 11	0 42	20 3	0 31	24 46	1 15	3 49	3 18	10 15			n.a.
M13	16 57	17 27	5 8	11 5	3 19	0 46	2 5	7 20	0 36	23 44	0 3	22 59	0 24	0 12	0 42	20 3	0 31	24 46	1 15	3 47	3 17	10 16			n.a.
T 14	17 13	15 34	4 51	10 48	3 29	0 21	2 6	7 37	0 35	23 44	0 4	22 59	0 23	0 12	0 42	20 3	0 32	24 46	1 15	3 46	3 16	10 18			n.a.
W15	17 29	12 51	4 18	10 34	3 37	0n 4	2 8	7 54	0 34	23 44	0 4	23 0	0 23	0 13	0 42	20 3	0 32	24 47	1 15	3 45	3 14	10 19			n.a.
T 16	17 45	9 24	3 31	10 23	3 44	0 29	2 9	8 10	0 34	23 45	0 4	23 0	0 23	0 13	0 42	20 3	0 32	24 47	1 15	3 45	3 13	10 21			n.a.
F 17	18 1	5 20	2 30	10 14	3 50	0 54	2 10	8 27	0 33	23 45	0 4	23 1	0 23	0 14	0 41	20 3	0 32	24 47	1 15	3 46	3 12	10 22			n.a.
S 18	18 16	0 52	1 18	10 7	3 55	1 20	2 12	8 43	0 33	23 45	0 4	23 2	0 23	0 14	0 41	20 3	0 32	24 47	1 15	3 46	3 11	10 24			n.a.
S 19	18 31	3n46	0 0	10 3	3 58	1 45	2 12	9 0	0 32	23 45	0 4	23 2	0 23	0 15	0 41	20 3	0 32	24 47	1 15	3 46	3 9	10 26			n.a.
M20	18 46	8 17	1s20	10 2	4 0	2 11	2 13	9 16	0 32	23 45	0 5	23 3	0 23	0 15	0 41	20 4	0 32	24 47	1 15	3 46	3 8	10 27			n.a.
T 21	19 0	12 20	2 35	10 4	4 1	2 36	2 14	9 32	0 31	23 45	0 5	23 3	0 23	0 16	0 41	20 4	0 32	24 47	1 15	3 45	3 7	10 29			n.a.
W22	19 14	15 34	3 39	10 8	4 1	3 2	2 15	9 48	0 30	23 45	0 5	23 4	0 23	0 16	0 41	20 4	0 32	24 47	1 15	3 43	3 5	10 30			n.a.
T 23	19 28	17 44	4 28	10 14	4 0	3 28	2 15	10 4	0 30	23 45	0 5	23 5	0 22	0 17	0 41	20 4	0 32	24 48	1 15	3 41	3 4	10 32			n.a.
F 24	19 42	18 38	4 58	10 23	3 57	3 54	2 16	10 20	0 29	23 45	0 5	23 5	0 22	0 17	0 41	20 4	0 32	24 48	1 15	3 38	3 3	10 33			n.a.
S 25	19 55	18 19	5 8	10 35	3 54	4 19	2 16	10 36	0 29	23 44	0 5	23 6	0 22	0 17	0 41	20 4	0 32	24 48	1 15	3 35	3 2	10 35			n.a.
S 26	20 8	16 52	4 59	10 49	3 50	4 45	2 16	10 51	0 28	23 44	0 6	23 6	0 22	0 18	0 41	20 4	0 32	24 48	1 15	3 33	3 0	10 36			n.a.
M27	20 20	14 31	4 34	11 5	3 45	5 11	2 16	11 7	0 28	23 44	0 6	23 7	0 22	0 18	0 41	20 4	0 32	24 48	1 15	3 31	2 59	10 38			n.a.
T 28	20 33	11 30	3 55	11 23	3 39	5 37	2 16	11 22	0 27	23 44	0 6	23 7	0 22	0 18	0 41	20 5	0 32	24 48	1 15	3 30	2 58	10 39			n.a.
W29	20 44	8 2	3 5	11 43	3 32	6 3	2 16	11 38	0 26	23 44	0 6	23 8	0 22	0 19	0 41	20 5	0 32	24 48	1 16	3 30	2 57	10 41			n.a.
T 30	20 56	4 18	2 8	12 6	3 24	6 28	2 16	11 53	0 26	23 44	0 6	23 8	0 22	0 19	0 41	20 5	0 32	24 48	1 16	3 30	2 55	10 42			n.a.
F 31	21n 7	0n28	1s 6	12n30	3s16	6n54	2s16	12n 8	0s25	23s44	0s 6	23n 9	0s22	0n19	0n41	20s 5	0s32	24n49	1n16	3s30	2s54	10s44			n.a.

Julian Day Number = 1614159.5, Delta T = 03h51m27s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'32, Lahiri = - 8°00'32 Julian Calendar 1 May 294 BCE == Greg. Calendar 27 Apr. 294 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

JUNE 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 18 6	4♊30'03	8♎12	12♉54	24♈ 1	3♉18	24°R46	22♊35	0°R45	3°R40	23♊14	8°R45	7♎10	3♏47	n.a.	S 1
S 2	16 22 3	5°27'09	20° 1	13°55	25° 9	3°59	24♐39	22°43	0♎44	3♒39	23°15	8♎44	7° 7	3°53	n.a.	S 2
M 3	16 25 59	6°24'14	1♏48	15° 1	26°17	4°41	24°32	22°50	0°43	3°39	23°17	8°41	7° 4	4° 0	n.a.	M 3
T 4	16 29 56	7°21'19	13°38	16°10	27°26	5°22	24°25	22°58	0°43	3°38	23°19	8°36	7° 1	4° 7	n.a.	T 4
W 5	16 33 52	8°18'25	25°34	17°24	28°34	6° 4	24°18	23° 6	0°42	3°37	23°20	8°29	6°57	4°13	n.a.	W 5
T 6	16 37 49	9°15'30	7♐37	18°41	29°43	6°45	24°11	23°13	0°42	3°36	23°22	8°19	6°54	4°20	n.a.	T 6
F 7	16 41 45	10°12'36	19°49	20° 3	0♉51	7°26	24° 4	23°21	0°42	3°35	23°23	8° 9	6°51	4°27	n.a.	F 7
S 8	16 45 42	11° 9'42	2♑11	21°29	2° 0	8° 7	23°57	23°29	0°41	3°35	23°25	7°57	6°48	4°33	n.a.	S 8
S 9	16 49 38	12° 6'48	14°44	22°58	3° 9	8°49	23°49	23°36	0°41	3°34	23°26	7°47	6°45	4°40	n.a.	S 9
M10	16 53 35	13° 3'55	27°28	24°31	4°18	9°30	23°42	23°44	0°41	3°33	23°28	7°38	6°42	4°47	n.a.	M10
T 11	16 57 32	14° 1'02	10♒24	26° 8	5°27	10°11	23°34	23°52	0°41	3°32	23°30	7°31	6°38	4°53	n.a.	T 11
W12	17 1 28	14°58'10	23°34	27°48	6°36	10°52	23°27	23°59	0°41	3°31	23°31	7°27	6°35	5° 0	n.a.	W12
T 13	17 5 25	15°55'18	6♓59	29°32	7°45	11°33	23°19	24° 7	0°40	3°30	23°33	7°25	6°32	5° 7	n.a.	T 13
F 14	17 9 21	16°52'28	20°41	1♊19	8°55	12°14	23°11	24°15	0°D40	3°29	23°35	7°D25	6°29	5°13	n.a.	F 14
S 15	17 13 18	17°49'38	4♈40	3° 9	10° 4	12°54	23° 4	24°23	0°40	3°28	23°36	7°R25	6°26	5°20	n.a.	S 15
S 16	17 17 14	18°46'48	18°58	5° 2	11°14	13°35	22°56	24°30	0°41	3°27	23°38	7°25	6°23	5°27	n.a.	S 16
M17	17 21 11	19°44'00	3♉31	6°58	12°23	14°16	22°48	24°38	0°41	3°26	23°39	7°23	6°19	5°33	n.a.	M17
T 18	17 25 7	20°41'12	18°17	8°56	13°33	14°56	22°41	24°46	0°41	3°25	23°41	7°18	6°16	5°40	n.a.	T 18
W19	17 29 4	21°38'26	3♊ 9	10°57	14°43	15°37	22°33	24°54	0°41	3°24	23°43	7°11	6°13	5°47	n.a.	W19
T 20	17 33 1	22°35'40	18° 0	12°59	15°53	16°17	22°25	25° 2	0°41	3°23	23°44	7° 2	6°10	5°53	n.a.	T 20
F 21	17 36 57	23°32'54	2♋40	15° 3	17° 3	16°58	22°17	25° 9	0°42	3°22	23°46	6°51	6° 7	6° 0	n.a.	F 21
S 22	17 40 54	24°30'10	17° 2	17° 8	18°13	17°38	22°10	25°17	0°42	3°20	23°47	6°40	6° 3	6° 7	n.a.	S 22
S 23	17 44 50	25°27'26	1♌ 0	19°14	19°23	18°19	22° 2	25°25	0°43	3°19	23°49	6°30	6° 0	6°13	n.a.	S 23
M24	17 48 47	26°24'42	14°32	21°21	20°33	18°59	21°54	25°33	0°43	3°18	23°51	6°22	5°57	6°20	n.a.	M24
T 25	17 52 43	27°21'59	27°37	23°28	21°43	19°39	21°46	25°41	0°44	3°17	23°52	6°17	5°54	6°27	n.a.	T 25
W26	17 56 40	28°19'16	10♍17	25°34	22°53	20°19	21°39	25°48	0°44	3°16	23°54	6°14	5°51	6°33	n.a.	W26
T 27	18 0 37	29°16'35	22°36	27°41	24° 4	20°59	21°31	25°56	0°45	3°14	23°56	6°13	5°48	6°40	n.a.	T 27
F 28	18 4 33	0♋13'53	4♎40	29°47	25°14	21°39	21°24	26° 4	0°46	3°13	23°57	6°13	5°44	6°47	n.a.	F 28
S 29	18 8 30	1°11'13	16°34	1♋53	26°25	22°19	21°16	26°12	0°47	3°12	23°59	6°13	5°41	6°53	n.a.	S 29
S 30	18 12 26	2♋ 8'33	28♎23	3♋58	27♉36	22♉59	21♐ 9	26♊19	0♎47	3♒10	24♊ 0	6♎12	5♎38	7♏ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n18	3s20	0s 3	12n56	3s 7	7n20	2s15	12n23	0s24	23s44	0s 7	23n10	0s22	0n20	0n41	20s 5	0s32	24n49	1n16	3s30	2s53	10s45		n.a.
S 2	21 28	6 59	1n 0	13 23	2 58	7 45	2 15	12 38	0 24	23 44	0 7	23 10	0 21	0 20	0 41	20 5	0 32	24 49	1 16	3 30	2 51	10 47		n.a.
M 3	21 38	10 22	2 0	13 52	2 48	8 11	2 14	12 52	0 23	23 44	0 7	23 11	0 21	0 20	0 41	20 6	0 32	24 49	1 16	3 29	2 50	10 49		n.a.
T 4	21 48	13 20	2 56	14 22	2 37	8 36	2 14	13 7	0 23	23 44	0 7	23 11	0 21	0 20	0 41	20 6	0 32	24 49	1 16	3 27	2 49	10 50		n.a.
W 5	21 57	15 46	3 43	14 53	2 26	9 2	2 13	13 21	0 22	23 43	0 7	23 12	0 21	0 20	0 41	20 6	0 32	24 49	1 16	3 24	2 48	10 52		n.a.
T 6	22 6	17 32	4 22	15 26	2 15	9 27	2 12	13 36	0 21	23 43	0 7	23 12	0 21	0 20	0 41	20 6	0 32	24 49	1 16	3 20	2 46	10 53		n.a.
F 7	22 15	18 32	4 48	15 59	2 3	9 52	2 11	13 50	0 21	23 43	0 8	23 13	0 21	0 21	0 41	20 6	0 32	24 50	1 16	3 16	2 45	10 55		n.a.
S 8	22 23	18 41	5 2	16 33	1 51	10 17	2 10	14 4	0 20	23 43	0 8	23 13	0 21	0 21	0 41	20 7	0 32	24 50	1 16	3 12	2 44	10 56		n.a.
S 9	22 31	17 55	5 1	17 8	1 39	10 41	2 9	14 18	0 19	23 43	0 8	23 14	0 21	0 21	0 41	20 7	0 32	24 50	1 16	3 7	2 43	10 58		n.a.
M10	22 38	16 15	4 46	17 43	1 27	11 6	2 8	14 32	0 19	23 43	0 8	23 14	0 21	0 21	0 41	20 7	0 32	24 50	1 16	3 4	2 41	10 59		n.a.
T 11	22 45	13 45	4 15	18 19	1 14	11 30	2 7	14 46	0 18	23 42	0 8	23 14	0 21	0 21	0 41	20 7	0 32	24 50	1 16	3 1	2 40	11 1		n.a.
W12	22 52	10 30	3 31	18 54	1 2	11 55	2 5	14 59	0 17	23 42	0 8	23 15	0 21	0 21	0 40	20 8	0 32	24 50	1 16	3 0	2 39	11 2		n.a.
T 13	22 58	6 40	2 35	19 29	0 49	12 19	2 4	15 13	0 17	23 42	0 9	23 15	0 20	0 21	0 40	20 8	0 32	24 50	1 16	2 59	2 37	11 4		n.a.
F 14	23 4	2 24	1 28	20 4	0 37	12 43	2 2	15 26	0 16	23 42	0 9	23 16	0 20	0 21	0 40	20 8	0 32	24 51	1 16	2 59	2 36	11 5		n.a.
S 15	23 10	2n 6	0 15	20 38	0 25	13 6	2 1	15 39	0 15	23 41	0 9	23 16	0 20	0 21	0 40	20 8	0 32	24 51	1 16	2 59	2 35	11 7		n.a.
S 16	23 15	6 34	1s 1	21 11	0 13	13 29	1 59	15 52	0 15	23 41	0 9	23 17	0 20	0 21	0 40	20 9	0 32	24 51	1 17	2 59	2 34	11 8		n.a.
M17	23 20	10 45	2 14	21 43	0 1	13 53	1 58	16 5	0 14	23 41	0 9	23 17	0 20	0 20	0 40	20 9	0 32	24 51	1 17	2 58	2 32	11 10		n.a.
T 18	23 24	14 18	3 19	22 14	0n11	14 15	1 56	16 18	0 13	23 41	0 9	23 17	0 20	0 20	0 40	20 9	0 32	24 51	1 17	2 56	2 31	11 11		n.a.
W19	23 28	16 56	4 11	22 43	0 22	14 38	1 54	16 31	0 13	23 40	0 10	23 18	0 20	0 20	0 40	20 9	0 33	24 51	1 17	2 53	2 30	11 13		n.a.
T 20	23 31	18 26	4 45	23 10	0 32	15 0	1 52	16 43	0 12	23 40	0 10	23 18	0 20	0 20	0 40	20 10	0 33	24 51	1 17	2 49	2 29	11 14		n.a.
F 21	23 34	18 41	5 1	23 35	0 42	15 22	1 50	16 55	0 11	23 40	0 10	23 19	0 20	0 20	0 40	20 10	0 33	24 52	1 17	2 45	2 27	11 16		n.a.
S 22	23 37	17 43	4 57	23 57	0 51	15 44	1 48	17 8	0 11	23 40	0 10	23 19	0 20	0 20	0 40	20 10	0 33	24 52	1 17	2 41	2 26	11 17		n.a.
S 23	23 39	15 42	4 35	24 17	1 0	16 5	1 46	17 20	0 10	23 39	0 10	23 19	0 20	0 19	0 40	20 11	0 33	24 52	1 17	2 37	2 25	11 19		n.a.
M24	23 41	12 53	3 58	24 35	1 8	16 26	1 44	17 31	0 9	23 39	0 10	23 20	0 19	0 19	0 40	20 11	0 33	24 52	1 17	2 34	2 23	11 20		n.a.
T 25	23 42	9 29	3 10	24 49	1 16	16 47	1 42	17 43	0 9	23 39	0 10	23 20	0 19	0 19	0 40	20 11	0 33	24 52	1 17	2 32	2 22	11 21		n.a.
W26	23 43	5 45	2 13	25 1	1 22	17 7	1 39	17 55	0 8	23 38	0 11	23 20	0 19	0 19	0 40	20 12	0 33	24 52	1 17	2 30	2 21	11 23		n.a.
T 27	23 44	1 52	1 12	25 11	1 28	17 27	1 37	18 6	0 7	23 38	0 11	23 21	0 19	0 18	0 40	20 12	0 33	24 52	1 17	2 30	2 20	11 24		n.a.
F 28	23 44	2s 0	0 8	25 17	1 33	17 46	1 35	18 17	0 7	23 38	0 11	23 21	0 19	0 18	0 40	20 12	0 33	24 53	1 17	2 30	2 18	11 26		n.a.
S 29	23 43	5 45	0n55	25 20	1 38	18 5	1 32	18 28	0 6	23 37	0 11	23 21	0 19	0 18	0 40	20 13	0 33	24 53	1 17	2 30	2 17	11 27		n.a.
S 30	23n43	9s15	1n55	25n21	1n41	18n24	1s30	18n39	0s 5	23s37	0s11	23n22	0s19	0n17	0n40	20s13	0s33	24n53	1n17	2s29	2s16	11s29		n.a.

Julian Day Number = 1614190.5, Delta T = 03h51m26s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'28, Lahiri = - 8°00'28 Julian Calendar 1 June 294 BCE == Greg. Calendar 28 May 294 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

JULY 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 16 23	3♋ 5'53	10♏12	6♋ 1	28♉46	23♉39	21°R 1	26♊27	0♎48	3°R 9	24♊ 2	6°R 8	5♎35	7♏ 7	n.a.	M 1
T 2	18 20 19	4° 3'15	22° 6	8° 4	29°57	24°18	20♐54	26°35	0°49	3♒ 8	24° 4	6♎ 2	5°32	7°13	n.a.	T 2
W 3	18 24 16	5° 0'38	4♐ 8	10° 5	1♊ 8	24°58	20°46	26°43	0°50	3° 6	24° 5	5°53	5°29	7°20	n.a.	W 3
T 4	18 28 12	5°58'01	16°20	12° 5	2°19	25°38	20°39	26°51	0°51	3° 5	24° 7	5°42	5°25	7°27	n.a.	T 4
F 5	18 32 9	6°55'26	28°45	14° 3	3°30	26°17	20°32	26°58	0°52	3° 3	24° 8	5°30	5°22	7°33	n.a.	F 5
S 6	18 36 6	7°52'51	11♑23	16° 0	4°41	26°57	20°25	27° 6	0°53	3° 2	24°10	5°16	5°19	7°40	n.a.	S 6
S 7	18 40 2	8°50'18	24°14	17°56	5°52	27°36	20°18	27°14	0°55	3° 1	24°12	5° 4	5°16	7°47	n.a.	S 7
M 8	18 43 59	9°47'46	7♒17	19°50	7° 3	28°16	20°11	27°21	0°56	2°59	24°13	4°53	5°13	7°53	n.a.	M 8
T 9	18 47 55	10°45'15	20°32	21°43	8°15	28°55	20° 4	27°29	0°57	2°58	24°15	4°45	5° 9	8° 0	n.a.	T 9
W10	18 51 52	11°42'46	3♓57	23°34	9°26	29°34	19°57	27°37	0°59	2°56	24°16	4°40	5° 6	8° 7	n.a.	W10
T 11	18 55 48	12°40'18	17°33	25°23	10°37	0♊13	19°51	27°44	1° 0	2°55	24°18	4°37	5° 3	8°13	n.a.	T 11
F 12	18 59 45	13°37'52	1♈19	27°12	11°49	0°52	19°44	27°52	1° 1	2°53	24°19	4°D37	5° 0	8°20	n.a.	F 12
S 13	19 3 41	14°35'27	15°16	28°58	13° 1	1°31	19°38	27°59	1° 3	2°52	24°21	4°R37	4°57	8°27	n.a.	S 13
S 14	19 7 38	15°33'04	29°23	0♌43	14°12	2°10	19°32	28° 7	1° 4	2°50	24°23	4°36	4°54	8°33	n.a.	S 14
M15	19 11 35	16°30'42	13♉41	2°27	15°24	2°49	19°26	28°15	1° 6	2°48	24°24	4°34	4°50	8°40	n.a.	M15
T 16	19 15 31	17°28'23	28° 6	4° 9	16°36	3°28	19°20	28°22	1° 8	2°47	24°26	4°29	4°47	8°47	n.a.	T 16
W17	19 19 28	18°26'05	12♊34	5°50	17°48	4° 7	19°14	28°30	1° 9	2°45	24°27	4°22	4°44	8°53	n.a.	W17
T 18	19 23 24	19°23'49	27° 1	7°29	19° 0	4°46	19° 8	28°37	1°11	2°44	24°29	4°13	4°41	9° 0	n.a.	T 18
F 19	19 27 21	20°21'34	11♋21	9° 7	20°12	5°24	19° 2	28°45	1°13	2°42	24°30	4° 2	4°38	9° 7	n.a.	F 19
S 20	19 31 17	21°19'21	25°26	10°43	21°24	6° 3	18°57	28°52	1°15	2°40	24°32	3°51	4°35	9°13	n.a.	S 20
S 21	19 35 14	22°17'10	9♌12	12°18	22°36	6°41	18°51	28°59	1°16	2°39	24°33	3°41	4°31	9°20	n.a.	S 21
M22	19 39 10	23°14'59	22°36	13°51	23°48	7°20	18°46	29° 7	1°18	2°37	24°35	3°33	4°28	9°27	n.a.	M22
T 23	19 43 7	24°12'51	5♍37	15°23	25° 0	7°58	18°41	29°14	1°20	2°36	24°36	3°27	4°25	9°33	n.a.	T 23
W24	19 47 4	25°10'43	18°15	16°54	26°13	8°37	18°36	29°21	1°22	2°34	24°37	3°24	4°22	9°40	n.a.	W24
T 25	19 51 0	26° 8'37	0♎35	18°23	27°25	9°15	18°32	29°29	1°24	2°32	24°39	3°D23	4°19	9°47	n.a.	T 25
F 26	19 54 57	27° 6'33	12°40	19°51	28°38	9°53	18°27	29°36	1°26	2°31	24°40	3°23	4°15	9°53	n.a.	F 26
S 27	19 58 53	28° 4'29	24°34	21°17	29°50	10°31	18°23	29°43	1°29	2°29	24°42	3°R23	4°12	10° 0	n.a.	S 27
S 28	20 2 50	29° 2'28	6♏24	22°42	1♋ 3	11° 9	18°18	29°50	1°31	2°27	24°43	3°23	4° 9	10° 7	n.a.	S 28
M29	20 6 46	0♌ 0'27	18°15	24° 5	2°15	11°47	18°14	29°57	1°33	2°26	24°44	3°21	4° 6	10°13	n.a.	M29
T 30	20 10 43	0°58'29	0♐11	25°27	3°28	12°25	18°11	0♋ 5	1°35	2°24	24°46	3°17	4° 3	10°20	n.a.	T 30
W31	20 14 39	1♌56'31	12♐18	26♌47	4♋41	13♊ 3	18♐ 7	0♋12	1♎38	2♒23	24♊47	3♎11	4♎ 0	10♏27	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n41	12s22	2n50	25n19	1n44	18n42	1s27	18n50	0s 4	23s37	0s11	23n22	0s19	0n17	0n40	20s13	0s33	24n53	1n18	2s28	2s15	11s30			n.a.
T 2	23 40	15 1	3 37	25 15	1 46	19 0	1 25	19 1	0 4	23 36	0 12	23 22	0 19	0 17	0 40	20 14	0 33	24 53	1 18	2 25	2 13	11 32			n.a.
W 3	23 38	17 2	4 16	25 8	1 48	19 17	1 22	19 11	0 3	23 36	0 12	23 23	0 19	0 16	0 40	20 14	0 33	24 53	1 18	2 22	2 12	11 33			n.a.
T 4	23 36	18 19	4 44	24 59	1 49	19 34	1 20	19 22	0 2	23 35	0 12	23 23	0 19	0 16	0 40	20 14	0 33	24 53	1 18	2 18	2 11	11 35			n.a.
F 5	23 33	18 45	4 58	24 47	1 49	19 51	1 17	19 32	0 2	23 35	0 12	23 23	0 18	0 15	0 40	20 15	0 33	24 54	1 18	2 12	2 9	11 36			n.a.
S 6	23 29	18 17	4 59	24 33	1 49	20 7	1 14	19 42	0 1	23 35	0 12	23 23	0 18	0 15	0 40	20 15	0 33	24 54	1 18	2 7	2 8	11 38			n.a.
S 7	23 26	16 52	4 44	24 17	1 48	20 22	1 12	19 52	0 0	23 34	0 12	23 24	0 18	0 14	0 39	20 15	0 33	24 54	1 18	2 2	2 7	11 39			n.a.
M 8	23 22	14 34	4 14	23 59	1 46	20 37	1 9	20 1	0n 1	23 34	0 12	23 24	0 18	0 14	0 39	20 16	0 33	24 54	1 18	1 58	2 6	11 41			n.a.
T 9	23 17	11 30	3 31	23 40	1 44	20 51	1 6	20 11	0 1	23 34	0 13	23 24	0 18	0 13	0 39	20 16	0 33	24 54	1 18	1 55	2 4	11 42			n.a.
W10	23 12	7 47	2 35	23 18	1 41	21 5	1 3	20 20	0 2	23 33	0 13	23 24	0 18	0 12	0 39	20 16	0 33	24 54	1 18	1 53	2 3	11 43			n.a.
T 11	23 7	3 37	1 29	22 55	1 38	21 19	1 1	20 29	0 3	23 33	0 13	23 25	0 18	0 12	0 39	20 17	0 33	24 54	1 18	1 52	2 2	11 45			n.a.
F 12	23 1	0n48	0 17	22 31	1 35	21 31	0 58	20 38	0 3	23 32	0 13	23 25	0 18	0 11	0 39	20 17	0 33	24 55	1 18	1 51	2 1	11 46			n.a.
S 13	22 55	5 13	0s56	22 5	1 31	21 43	0 55	20 47	0 4	23 32	0 13	23 25	0 18	0 11	0 39	20 18	0 33	24 55	1 18	1 51	1 59	11 48			n.a.
S 14	22 49	9 24	2 7	21 38	1 26	21 55	0 52	20 56	0 5	23 32	0 13	23 25	0 18	0 10	0 39	20 18	0 33	24 55	1 18	1 51	1 58	11 49			n.a.
M15	22 42	13 6	3 11	21 10	1 21	22 6	0 49	21 4	0 6	23 31	0 13	23 25	0 18	0 9	0 39	20 18	0 33	24 55	1 19	1 50	1 57	11 51			n.a.
T 16	22 34	16 1	4 4	20 41	1 16	22 17	0 46	21 12	0 6	23 31	0 13	23 26	0 18	0 9	0 39	20 19	0 33	24 55	1 19	1 48	1 55	11 52			n.a.
W17	22 27	17 57	4 40	20 11	1 10	22 26	0 43	21 21	0 7	23 31	0 14	23 26	0 17	0 8	0 39	20 19	0 33	24 55	1 19	1 45	1 54	11 54			n.a.
T 18	22 18	18 42	4 59	19 40	1 5	22 36	0 41	21 29	0 8	23 30	0 14	23 26	0 17	0 7	0 39	20 19	0 33	24 55	1 19	1 42	1 53	11 55			n.a.
F 19	22 10	18 16	4 59	19 8	0 58	22 44	0 38	21 36	0 9	23 30	0 14	23 26	0 17	0 6	0 39	20 20	0 33	24 56	1 19	1 37	1 52	11 56			n.a.
S 20	22 1	16 42	4 41	18 35	0 52	22 52	0 35	21 44	0 9	23 30	0 14	23 26	0 17	0 6	0 39	20 20	0 33	24 56	1 19	1 33	1 50	11 58			n.a.
S 21	21 52	14 13	4 6	18 2	0 45	22 59	0 32	21 51	0 10	23 29	0 14	23 26	0 17	0 5	0 39	20 21	0 33	24 56	1 19	1 29	1 49	11 59			n.a.
M22	21 42	11 1	3 19	17 28	0 38	23 6	0 29	21 59	0 11	23 29	0 14	23 26	0 17	0 4	0 39	20 21	0 33	24 56	1 19	1 25	1 48	12 1			n.a.
T 23	21 32	7 22	2 22	16 54	0 31	23 12	0 26	22 6	0 12	23 29	0 14	23 27	0 17	0 3	0 39	20 21	0 33	24 56	1 19	1 23	1 47	12 2			n.a.
W24	21 21	3 29	1 20	16 20	0 23	23 17	0 23	22 13	0 13	23 28	0 14	23 27	0 17	0 2	0 39	20 22	0 33	24 56	1 19	1 22	1 45	12 4			n.a.
T 25	21 11	0s28	0 15	15 45	0 15	23 22	0 20	22 19	0 13	23 28	0 15	23 27	0 17	0 2	0 39	20 22	0 33	24 56	1 19	1 22	1 44	12 5			n.a.
F 26	20 59	4 18	0n49	15 9	0 7	23 26	0 17	22 26	0 14	23 28	0 15	23 27	0 17	0 1	0 39	20 23	0 33	24 57	1 19	1 22	1 43	12 6			n.a.
S 27	20 48	7 55	1 51	14 34	0s 1	23 29	0 14	22 32	0 15	23 28	0 15	23 27	0 17	0s 0	0 39	20 23	0 33	24 57	1 20	1 22	1 41	12 8			n.a.
S 28	20 36	11 12	2 47	13 58	0 9	23 32	0 11	22 39	0 16	23 27	0 15	23 27	0 17	0 1	0 39	20 23	0 33	24 57	1 20	1 22	1 40	12 9			n.a.
M29	20 24	14 1	3 36	13 23	0 17	23 34	0 8	22 45	0 16	23 27	0 15	23 27	0 17	0 2	0 39	20 24	0 33	24 57	1 20	1 21	1 39	12 11			n.a.
T 30	20 11	16 16	4 16	12 47	0 26	23 35	0 6	22 50	0 17	23 27	0 15	23 27	0 16	0 3	0 39	20 24	0 33	24 57	1 20	1 19	1 38	12 12			n.a.
W31	19n58	17s50	4n45	12n11	0s35	23n36	0s 3	22n56	0n18	23s27	0s15	23n27	0s16	0s 4	0n39	20s24	0s33	24n57	1n20	1s17	1s36	12s14			n.a.

Julian Day Number = 1614220.5, Delta T = 03h51m25s
Ecliptic obliquity = 23°43'41, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'24, Lahiri = - 8°00'24 Julian Calendar 1 July 294 BCE == Greg. Calendar 27 June 294 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

AUGUST 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 18 36	2♌54'36	24♐38	28♌ 6	5♋54	13♊41	18°R 3	0♋19	1♎40	2°R21	24♊49	3°R 3	3♎56	10♏33	n.a.	T 1
F 2	20 22 33	3°52'42	7♑14	29°23	7° 6	14°18	18♐ 0	0°26	1°42	2♒19	24°50	2♎53	3°53	10°40	n.a.	F 2
S 3	20 26 29	4°50'49	20° 7	0♍38	8°19	14°56	17°57	0°32	1°45	2°18	24°51	2°43	3°50	10°47	n.a.	S 3
S 4	20 30 26	5°48'59	3♒16	1°51	9°32	15°33	17°54	0°39	1°47	2°16	24°52	2°33	3°47	10°54	n.a.	S 4
M 5	20 34 22	6°47'10	16°41	3° 3	10°45	16°11	17°51	0°46	1°50	2°14	24°54	2°25	3°44	11° 0	n.a.	M 5
T 6	20 38 19	7°45'23	0♓20	4°12	11°59	16°48	17°48	0°53	1°52	2°13	24°55	2°19	3°41	11° 7	n.a.	T 6
W 7	20 42 15	8°43'38	14° 8	5°20	13°12	17°26	17°46	1° 0	1°55	2°11	24°56	2°15	3°37	11°14	n.a.	W 7
T 8	20 46 12	9°41'55	28° 5	6°25	14°25	18° 3	17°44	1° 6	1°58	2° 9	24°57	2°D13	3°34	11°20	n.a.	T 8
F 9	20 50 8	10°40'15	12♈ 7	7°28	15°38	18°40	17°42	1°13	2° 0	2° 8	24°59	2°14	3°31	11°27	n.a.	F 9
S 10	20 54 5	11°38'36	26°13	8°29	16°52	19°17	17°40	1°20	2° 3	2° 6	25° 0	2°15	3°28	11°34	n.a.	S 10
S 11	20 58 1	12°37'00	10♉21	9°27	18° 5	19°54	17°38	1°26	2° 6	2° 5	25° 1	2°R15	3°25	11°40	n.a.	S 11
M12	21 1 58	13°35'26	24°31	10°22	19°19	20°31	17°37	1°33	2° 8	2° 3	25° 2	2°15	3°21	11°47	n.a.	M12
T 13	21 5 55	14°33'54	8♊40	11°14	20°32	21° 8	17°35	1°39	2°11	2° 1	25° 3	2°13	3°18	11°54	n.a.	T 13
W14	21 9 51	15°32'25	22°46	12° 4	21°46	21°45	17°34	1°45	2°14	2° 0	25° 5	2° 8	3°15	12° 0	n.a.	W14
T 15	21 13 48	16°30'58	6♋47	12°50	22°59	22°22	17°33	1°52	2°17	1°58	25° 6	2° 2	3°12	12° 7	n.a.	T 15
F 16	21 17 44	17°29'33	20°39	13°32	24°13	22°58	17°32	1°58	2°20	1°57	25° 7	1°55	3° 9	12°14	n.a.	F 16
S 17	21 21 41	18°28'11	4♌19	14°10	25°27	23°35	17°32	2° 4	2°23	1°55	25° 8	1°48	3° 6	12°20	n.a.	S 17
S 18	21 25 37	19°26'50	17°44	14°45	26°41	24°11	17°32	2°10	2°26	1°53	25° 9	1°41	3° 2	12°27	n.a.	S 18
M19	21 29 34	20°25'31	0♍51	15°14	27°54	24°48	17°D31	2°16	2°29	1°52	25°10	1°36	2°59	12°34	n.a.	M19
T 20	21 33 30	21°24'15	13°41	15°39	29° 8	25°24	17°32	2°23	2°32	1°50	25°11	1°32	2°56	12°40	n.a.	T 20
W21	21 37 27	22°23'00	26°13	15°59	0♌22	26° 0	17°32	2°28	2°35	1°49	25°12	1°D31	2°53	12°47	n.a.	W21
T 22	21 41 24	23°21'47	8♎28	16°13	1°36	26°36	17°32	2°34	2°38	1°47	25°13	1°31	2°50	12°54	n.a.	T 22
F 23	21 45 20	24°20'36	20°32	16°21	2°50	27°12	17°33	2°40	2°41	1°46	25°14	1°32	2°46	13° 0	n.a.	F 23
S 24	21 49 17	25°19'28	2♏26	16°R23	4° 4	27°48	17°34	2°46	2°44	1°44	25°15	1°34	2°43	13° 7	n.a.	S 24
S 25	21 53 13	26°18'20	14°16	16°18	5°19	28°24	17°35	2°52	2°48	1°43	25°16	1°35	2°40	13°14	n.a.	S 25
M26	21 57 10	27°17'15	26° 7	16° 6	6°33	29° 0	17°36	2°57	2°51	1°41	25°17	1°R36	2°37	13°20	n.a.	M26
T 27	22 1 6	28°16'12	8♐ 4	15°47	7°47	29°36	17°37	3° 3	2°54	1°40	25°17	1°35	2°34	13°27	n.a.	T 27
W28	22 5 3	29°15'11	20°11	15°21	9° 1	0♋11	17°39	3° 8	2°57	1°39	25°18	1°33	2°31	13°34	n.a.	W28
T 29	22 8 59	0♍14'11	2♑33	14°46	10°15	0°47	17°41	3°14	3° 1	1°37	25°19	1°30	2°27	13°40	n.a.	T 29
F 30	22 12 56	1°13'14	15°14	14° 5	11°30	1°22	17°43	3°19	3° 4	1°36	25°20	1°26	2°24	13°47	n.a.	F 30
S 31	22 16 53	2♍12'18	28♑15	13♍16	12♌44	1♋58	17♐45	3♋24	3♎ 7	1♒34	25♊21	1♎21	2♎21	13♏54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	19n45	18s36	5n 1	11n36	0s44	23n36	0n 0	23n 2	0n19	23s26	0s15	23n27	0s16	0s 5	0n39	20s25	0s33	24n57	1n20	1s14	1s35	12s15			n.a.
F 2	19 31	18 28	5 4	11 1	0 53	23 35	0 3	23 7	0 20	23 26	0 16	23 27	0 16	0 6	0 38	20 25	0 33	24 58	1 20	1 10	1 34	12 16			n.a.
S 3	19 17	17 24	4 51	10 25	1 2	23 34	0 6	23 12	0 20	23 26	0 16	23 27	0 16	0 7	0 38	20 26	0 33	24 58	1 20	1 5	1 33	12 18			n.a.
S 4	19 3	15 24	4 23	9 51	1 11	23 31	0 9	23 17	0 21	23 26	0 16	23 28	0 16	0 8	0 38	20 26	0 33	24 58	1 20	1 2	1 31	12 19			n.a.
M 5	18 48	12 32	3 39	9 16	1 20	23 28	0 11	23 22	0 22	23 26	0 16	23 28	0 16	0 9	0 38	20 26	0 33	24 58	1 20	0 58	1 30	12 21			n.a.
T 6	18 33	8 57	2 43	8 42	1 29	23 25	0 14	23 27	0 23	23 26	0 16	23 28	0 16	0 10	0 38	20 27	0 33	24 58	1 20	0 56	1 29	12 22			n.a.
W 7	18 18	4 51	1 36	8 9	1 38	23 21	0 17	23 31	0 24	23 25	0 16	23 28	0 16	0 11	0 38	20 27	0 33	24 58	1 20	0 54	1 27	12 23			n.a.
T 8	18 2	0 26	0 22	7 36	1 47	23 16	0 19	23 35	0 24	23 25	0 16	23 28	0 16	0 12	0 38	20 28	0 33	24 58	1 21	0 54	1 26	12 25			n.a.
F 9	17 46	4n 2	0s53	7 4	1 57	23 10	0 22	23 40	0 25	23 25	0 16	23 28	0 16	0 13	0 38	20 28	0 33	24 58	1 21	0 54	1 25	12 26			n.a.
S 10	17 30	8 17	2 6	6 33	2 6	23 3	0 25	23 43	0 26	23 25	0 16	23 28	0 16	0 14	0 38	20 28	0 33	24 59	1 21	0 54	1 24	12 28			n.a.
S 11	17 13	12 5	3 11	6 3	2 15	22 56	0 27	23 47	0 27	23 25	0 16	23 28	0 16	0 16	0 38	20 29	0 33	24 59	1 21	0 54	1 22	12 29			n.a.
M12	16 57	15 11	4 4	5 33	2 24	22 49	0 30	23 51	0 28	23 25	0 17	23 28	0 15	0 17	0 38	20 29	0 33	24 59	1 21	0 54	1 21	12 30			n.a.
T 13	16 40	17 21	4 43	5 5	2 32	22 40	0 32	23 54	0 29	23 25	0 17	23 28	0 15	0 18	0 38	20 29	0 33	24 59	1 21	0 53	1 20	12 32			n.a.
W14	16 22	18 28	5 4	4 38	2 41	22 31	0 35	23 57	0 29	23 25	0 17	23 28	0 15	0 19	0 38	20 30	0 33	24 59	1 21	0 52	1 18	12 33			n.a.
T 15	16 5	18 26	5 7	4 13	2 50	22 21	0 37	24 1	0 30	23 25	0 17	23 28	0 15	0 20	0 38	20 30	0 33	24 59	1 21	0 49	1 17	12 35			n.a.
F 16	15 47	17 18	4 52	3 49	2 58	22 11	0 39	24 3	0 31	23 25	0 17	23 28	0 15	0 21	0 38	20 31	0 33	24 59	1 21	0 46	1 16	12 36			n.a.
S 17	15 28	15 12	4 21	3 27	3 6	21 59	0 42	24 6	0 32	23 25	0 17	23 28	0 15	0 23	0 38	20 31	0 33	25 0	1 21	0 43	1 15	12 37			n.a.
S 18	15 10	12 18	3 35	3 7	3 13	21 48	0 44	24 9	0 33	23 25	0 17	23 28	0 15	0 24	0 38	20 31	0 33	25 0	1 21	0 41	1 13	12 39			n.a.
M19	14 51	8 50	2 39	2 49	3 20	21 35	0 46	24 11	0 34	23 25	0 17	23 28	0 15	0 25	0 38	20 32	0 33	25 0	1 22	0 38	1 12	12 40			n.a.
T 20	14 32	5 2	1 35	2 33	3 27	21 22	0 49	24 13	0 35	23 25	0 17	23 28	0 15	0 26	0 38	20 32	0 33	25 0	1 22	0 37	1 11	12 41			n.a.
W21	14 13	1 5	0 29	2 20	3 33	21 8	0 51	24 16	0 36	23 25	0 17	23 27	0 15	0 28	0 38	20 32	0 33	25 0	1 22	0 36	1 10	12 43			n.a.
T 22	13 54	2s49	0n38	2 9	3 38	20 54	0 53	24 17	0 36	23 26	0 17	23 27	0 15	0 29	0 38	20 33	0 33	25 0	1 22	0 36	1 8	12 44			n.a.
F 23	13 34	6 32	1 42	2 2	3 43	20 39	0 55	24 19	0 37	23 26	0 18	23 27	0 15	0 30	0 38	20 33	0 34	25 0	1 22	0 37	1 7	12 46			n.a.
S 24	13 14	9 57	2 41	1 58	3 47	20 23	0 57	24 21	0 38	23 26	0 18	23 27	0 15	0 31	0 38	20 33	0 34	25 0	1 22	0 38	1 6	12 47			n.a.
S 25	12 54	12 56	3 32	1 57	3 49	20 7	0 59	24 22	0 39	23 26	0 18	23 27	0 15	0 33	0 38	20 34	0 34	25 1	1 22	0 38	1 4	12 48			n.a.
M26	12 34	15 23	4 15	2 0	3 51	19 50	1 1	24 23	0 40	23 26	0 18	23 27	0 14	0 34	0 38	20 34	0 34	25 1	1 22	0 39	1 3	12 50			n.a.
T 27	12 13	17 12	4 47	2 7	3 51	19 33	1 2	24 25	0 41	23 26	0 18	23 27	0 14	0 35	0 38	20 34	0 34	25 1	1 22	0 38	1 2	12 51			n.a.
W28	11 52	18 16	5 7	2 19	3 50	19 15	1 4	24 25	0 42	23 27	0 18	23 27	0 14	0 37	0 38	20 35	0 34	25 1	1 22	0 38	1 1	12 52			n.a.
T 29	11 31	18 29	5 13	2 35	3 47	18 56	1 6	24 26	0 43	23 27	0 18	23 27	0 14	0 38	0 38	20 35	0 34	25 1	1 23	0 36	0 59	12 54			n.a.
F 30	11 10	17 49	5 4	2 55	3 43	18 37	1 8	24 27	0 44	23 27	0 18	23 27	0 14	0 39	0 38	20 35	0 34	25 1	1 23	0 34	0 58	12 55			n.a.
S 31	10n49	16s12	4n39	3n19	3s37	18n18	1n 9	24n27	0n44	23s27	0s18	23n27	0s14	0s41	0n38	20s36	0s34	25n 1	1n23	0s33	0s57	12s56			n.a.

Julian Day Number = 1614251.5, Delta T = 03h51m24s
Ecliptic obliquity = 23°43'41, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'20, Lahiri = - 8°00'19 Julian Calendar 1 Aug. 294 BCE == Greg. Calendar 28 July 294 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

SEPTEMBER 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 20 49	3♍11'24	11♒38	12°R21	13♌59	2♋33	17♐47	3♋29	3♎11	1°R33	25♊21	1°R16	2♎18	14♏ 0	n.a.	S 1
M 2	22 24 46	4°10'32	25°21	11♍21	15°13	3° 8	17°50	3°35	3°14	1♒32	25°22	1♎13	2°15	14° 7	n.a.	M 2
T 3	22 28 42	5° 9'43	9♓22	10°15	16°28	3°43	17°53	3°40	3°17	1°30	25°23	1°10	2°12	14°14	n.a.	T 3
W 4	22 32 39	6° 8'55	23°37	9° 7	17°42	4°18	17°56	3°45	3°21	1°29	25°24	1° 9	2° 8	14°21	n.a.	W 4
T 5	22 36 35	7° 8'10	8♈ 1	7°57	18°57	4°53	17°59	3°49	3°24	1°28	25°24	1°D 9	2° 5	14°27	n.a.	T 5
F 6	22 40 32	8° 7'27	22°28	6°47	20°11	5°28	18° 2	3°54	3°28	1°27	25°25	1° 9	2° 2	14°34	n.a.	F 6
S 7	22 44 28	9° 6'46	6♉55	5°40	21°26	6° 2	18° 6	3°59	3°31	1°25	25°26	1°11	1°59	14°41	n.a.	S 7
S 8	22 48 25	10° 6'08	21°16	4°36	22°41	6°37	18° 9	4° 4	3°35	1°24	25°26	1°12	1°56	14°47	n.a.	S 8
M 9	22 52 21	11° 5'32	5♊30	3°39	23°56	7°11	18°13	4° 8	3°38	1°23	25°27	1°R13	1°52	14°54	n.a.	M 9
T 10	22 56 18	12° 4'59	19°34	2°49	25°10	7°46	18°17	4°13	3°42	1°22	25°27	1°13	1°49	15° 1	n.a.	T 10
W11	23 0 15	13° 4'29	3♋27	2° 8	26°25	8°20	18°22	4°17	3°46	1°21	25°28	1°12	1°46	15° 7	n.a.	W11
T 12	23 4 11	14° 4'00	17° 7	1°37	27°40	8°54	18°26	4°21	3°49	1°20	25°28	1°10	1°43	15°14	n.a.	T 12
F 13	23 8 8	15° 3'35	0♌34	1°17	28°55	9°28	18°30	4°25	3°53	1°19	25°29	1° 8	1°40	15°21	n.a.	F 13
S 14	23 12 4	16° 3'11	13°48	1°D 7	0♍10	10° 2	18°35	4°29	3°56	1°18	25°29	1° 6	1°37	15°27	n.a.	S 14
S 15	23 16 1	17° 2'50	26°48	1° 9	1°25	10°36	18°40	4°34	4° 0	1°16	25°30	1° 4	1°33	15°34	n.a.	S 15
M16	23 19 57	18° 2'30	9♍34	1°21	2°40	11°10	18°45	4°37	4° 4	1°15	25°30	1° 2	1°30	15°41	n.a.	M16
T 17	23 23 54	19° 2'13	22° 7	1°44	3°55	11°43	18°51	4°41	4° 7	1°14	25°30	1° 1	1°27	15°47	n.a.	T 17
W18	23 27 50	20° 1'58	4♎27	2°17	5°10	12°17	18°56	4°45	4°11	1°14	25°31	1°D 1	1°24	15°54	n.a.	W18
T 19	23 31 47	21° 1'45	16°36	2°59	6°25	12°50	19° 2	4°49	4°15	1°13	25°31	1° 2	1°21	16° 1	n.a.	T 19
F 20	23 35 43	22° 1'34	28°35	3°49	7°40	13°23	19° 7	4°52	4°18	1°12	25°31	1° 3	1°18	16° 7	n.a.	F 20
S 21	23 39 40	23° 1'25	10♏28	4°46	8°55	13°56	19°13	4°56	4°22	1°11	25°32	1° 3	1°14	16°14	n.a.	S 21
S 22	23 43 37	24° 1'18	22°17	5°50	10°10	14°29	19°20	4°59	4°26	1°10	25°32	1° 4	1°11	16°21	n.a.	S 22
M23	23 47 33	25° 1'13	4♐ 7	7° 0	11°26	15° 2	19°26	5° 2	4°30	1° 9	25°32	1° 5	1° 8	16°27	n.a.	M23
T 24	23 51 30	26° 1'10	16° 2	8°15	12°41	15°35	19°32	5° 5	4°33	1° 8	25°32	1° 5	1° 5	16°34	n.a.	T 24
W25	23 55 26	27° 1'08	28° 7	9°35	13°56	16° 7	19°39	5° 8	4°37	1° 8	25°33	1°R 5	1° 2	16°41	n.a.	W25
T 26	23 59 23	28° 1'08	10♑26	10°58	15°11	16°40	19°46	5°11	4°41	1° 7	25°33	1° 5	0°58	16°48	n.a.	T 26
F 27	0 3 19	29° 1'10	23° 4	12°24	16°27	17°12	19°53	5°14	4°45	1° 6	25°33	1° 5	0°55	16°54	n.a.	F 27
S 28	0 7 16	0♎ 1'13	6♒ 4	13°53	17°42	17°44	20° 0	5°17	4°48	1° 6	25°33	1° 5	0°52	17° 1	n.a.	S 28
S 29	0 11 12	1° 1'19	19°29	15°24	18°57	18°16	20° 7	5°20	4°52	1° 5	25°33	1°D 5	0°49	17° 8	n.a.	S 29
M30	0 15 9	2♎ 1'26	3♓19	16♍57	20♍12	18♋48	20♐14	5♋22	4♎56	1♒ 4	25♊33	1♎ 5	0♎46	17♏14	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n27	13s41	3n59	3n48	3s28	17n58	1n11	24n28	0n45	23s28	0s18	23n27	0s14	0s42	0n38	20s36	0s34	25n 2	1n23	0s31	0s55	12s58		n.a.
M 2	10 6	10 20	3 4	4 21	3 18	17 37	1 12	24 28	0 46	23 28	0 18	23 27	0 14	0 44	0 38	20 36	0 34	25 2	1 23	0 29	0 54	12 59		n.a.
T 3	9 44	6 21	1 57	4 57	3 6	17 16	1 14	24 28	0 47	23 28	0 18	23 27	0 14	0 45	0 38	20 37	0 34	25 2	1 23	0 28	0 53	13 0		n.a.
W 4	9 22	1 56	0 41	5 36	2 52	16 54	1 15	24 28	0 48	23 29	0 18	23 27	0 14	0 46	0 38	20 37	0 34	25 2	1 23	0 28	0 52	13 2		n.a.
T 5	9 0	2n38	0s38	6 17	2 36	16 32	1 16	24 27	0 49	23 29	0 19	23 27	0 14	0 48	0 38	20 37	0 34	25 2	1 23	0 28	0 50	13 3		n.a.
F 6	8 37	7 4	1 55	6 59	2 18	16 9	1 18	24 27	0 50	23 30	0 19	23 27	0 14	0 49	0 38	20 37	0 34	25 2	1 23	0 28	0 49	13 4		n.a.
S 7	8 15	11 5	3 5	7 42	1 59	15 46	1 19	24 26	0 51	23 30	0 19	23 26	0 14	0 51	0 38	20 38	0 34	25 2	1 23	0 29	0 48	13 6		n.a.
S 8	7 52	14 24	4 2	8 23	1 40	15 23	1 20	24 26	0 52	23 30	0 19	23 26	0 14	0 52	0 38	20 38	0 34	25 2	1 24	0 29	0 47	13 7		n.a.
M 9	7 30	16 49	4 45	9 3	1 20	14 58	1 21	24 25	0 53	23 31	0 19	23 26	0 13	0 54	0 38	20 38	0 34	25 2	1 24	0 29	0 45	13 9		n.a.
T 10	7 7	18 10	5 9	9 40	0 59	14 34	1 22	24 24	0 54	23 31	0 19	23 26	0 13	0 55	0 37	20 38	0 34	25 3	1 24	0 29	0 44	13 10		n.a.
W11	6 44	18 26	5 16	10 14	0 39	14 9	1 23	24 23	0 55	23 32	0 19	23 26	0 13	0 56	0 37	20 39	0 34	25 3	1 24	0 29	0 43	13 11		n.a.
T 12	6 21	17 36	5 4	10 43	0 20	13 44	1 24	24 21	0 56	23 32	0 19	23 26	0 13	0 58	0 37	20 39	0 34	25 3	1 24	0 28	0 41	13 13		n.a.
F 13	5 57	15 47	4 35	11 8	0 1	13 18	1 24	24 20	0 57	23 33	0 19	23 26	0 13	0 59	0 37	20 39	0 34	25 3	1 24	0 27	0 40	13 14		n.a.
S 14	5 34	13 10	3 53	11 28	0n17	12 52	1 25	24 18	0 58	23 33	0 19	23 26	0 13	1 1	0 37	20 39	0 34	25 3	1 24	0 26	0 39	13 15		n.a.
S 15	5 10	9 56	2 58	11 43	0 33	12 26	1 26	24 17	0 59	23 34	0 19	23 26	0 13	1 2	0 37	20 40	0 34	25 3	1 24	0 26	0 38	13 16		n.a.
M16	4 47	6 17	1 56	11 53	0 49	11 59	1 26	24 15	1 0	23 34	0 19	23 26	0 13	1 4	0 37	20 40	0 34	25 3	1 24	0 25	0 36	13 18		n.a.
T 17	4 23	2 25	0 49	11 57	1 2	11 32	1 27	24 13	1 1	23 35	0 19	23 26	0 13	1 5	0 37	20 40	0 34	25 3	1 24	0 25	0 35	13 19		n.a.
W18	4 0	1s30	0n19	11 57	1 15	11 5	1 27	24 11	1 2	23 35	0 19	23 26	0 13	1 7	0 37	20 40	0 34	25 4	1 25	0 25	0 34	13 20		n.a.
T 19	3 36	5 17	1 25	11 51	1 25	10 37	1 27	24 9	1 3	23 36	0 20	23 26	0 13	1 8	0 37	20 41	0 34	25 4	1 25	0 25	0 32	13 22		n.a.
F 20	3 12	8 49	2 27	11 42	1 35	10 9	1 28	24 6	1 4	23 36	0 20	23 26	0 13	1 10	0 37	20 41	0 34	25 4	1 25	0 25	0 31	13 23		n.a.
S 21	2 48	11 57	3 22	11 28	1 42	9 41	1 28	24 4	1 5	23 37	0 20	23 26	0 13	1 11	0 37	20 41	0 34	25 4	1 25	0 26	0 30	13 24		n.a.
S 22	2 24	14 34	4 8	11 10	1 49	9 12	1 28	24 2	1 6	23 37	0 20	23 26	0 12	1 13	0 37	20 41	0 34	25 4	1 25	0 26	0 29	13 26		n.a.
M23	2 0	16 35	4 43	10 48	1 54	8 43	1 28	23 59	1 7	23 38	0 20	23 25	0 12	1 14	0 37	20 41	0 34	25 4	1 25	0 26	0 27	13 27		n.a.
T 24	1 36	17 54	5 7	10 24	1 58	8 14	1 28	23 56	1 8	23 38	0 20	23 25	0 12	1 16	0 37	20 41	0 34	25 4	1 25	0 26	0 26	13 28		n.a.
W25	1 12	18 26	5 17	9 56	2 1	7 45	1 28	23 53	1 9	23 39	0 20	23 25	0 12	1 17	0 37	20 42	0 33	25 4	1 25	0 26	0 25	13 30		n.a.
T 26	0 48	18 6	5 14	9 26	2 3	7 15	1 28	23 50	1 10	23 40	0 20	23 25	0 12	1 19	0 37	20 42	0 33	25 4	1 25	0 26	0 24	13 31		n.a.
F 27	0 24	16 53	4 55	8 54	2 4	6 46	1 28	23 47	1 11	23 40	0 20	23 25	0 12	1 20	0 37	20 42	0 33	25 5	1 25	0 26	0 22	13 32		n.a.
S 28	0s 0	14 46	4 21	8 19	2 4	6 16	1 28	23 44	1 13	23 41	0 20	23 25	0 12	1 22	0 37	20 42	0 33	25 5	1 26	0 26	0 21	13 33		n.a.
S 29	0 25	11 49	3 31	7 43	2 3	5 46	1 27	23 41	1 14	23 41	0 20	23 25	0 12	1 23	0 37	20 42	0 33	25 5	1 26	0 26	0 20	13 35		n.a.
M30	0s49	8s 6	2n28	7n 5	2n 2	5n15	1n27	23n38	1n15	23s42	0s20	23n25	0s12	1s25	0n37	20s42	0s33	25n 5	1n26	0s26	0s18	13s36		n.a.

Julian Day Number = 1614282.5, Delta T = 03h51m23s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'16, Lahiri = - 8°00'15 Julian Calendar 1 Sept. 294 BCE == Greg. Calendar 28 Aug. 294 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

OCTOBER 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 19 6	3♎ 1'34	17♓33	18♍31	21♍28	19♋20	20♐22	5♋25	5♎ 0	1°R 4	25°R33	1♎ 5	0♎43	17♏21	n.a.	T 1
W 2	0 23 2	4° 1'45	2♈ 7	20° 7	22°43	19°51	20°29	5°27	5° 4	1♒ 3	25♊33	1°R 5	0°39	17°28	n.a.	W 2
T 3	0 26 59	5° 1'57	16°56	21°43	23°58	20°23	20°37	5°29	5° 7	1° 3	25°33	1° 5	0°36	17°34	n.a.	T 3
F 4	0 30 55	6° 2'11	1♉51	23°20	25°14	20°54	20°45	5°31	5°11	1° 2	25°33	1° 5	0°33	17°41	n.a.	F 4
S 5	0 34 52	7° 2'28	16°45	24°57	26°29	21°25	20°53	5°33	5°15	1° 2	25°33	1° 4	0°30	17°48	n.a.	S 5
S 6	0 38 48	8° 2'47	1♊29	26°35	27°45	21°56	21° 2	5°35	5°19	1° 1	25°33	1° 3	0°27	17°54	n.a.	S 6
M 7	0 42 45	9° 3'07	15°59	28°13	29° 0	22°27	21°10	5°37	5°22	1° 1	25°33	1° 3	0°23	18° 1	n.a.	M 7
T 8	0 46 41	10° 3'30	0♋11	29°51	0♎16	22°58	21°18	5°39	5°26	1° 1	25°32	1° 2	0°20	18° 8	n.a.	T 8
W 9	0 50 38	11° 3'55	14° 2	1♎29	1°31	23°28	21°27	5°40	5°30	1° 0	25°32	1°D 2	0°17	18°14	n.a.	W 9
T 10	0 54 35	12° 4'22	27°32	3° 7	2°46	23°59	21°36	5°42	5°34	1° 0	25°32	1° 2	0°14	18°21	n.a.	T 10
F 11	0 58 31	13° 4'51	10♌44	4°45	4° 2	24°29	21°45	5°43	5°37	1° 0	25°32	1° 3	0°11	18°28	n.a.	F 11
S 12	1 2 28	14° 5'22	23°38	6°22	5°17	24°59	21°54	5°44	5°41	1° 0	25°32	1° 4	0° 8	18°35	n.a.	S 12
S 13	1 6 24	15° 5'55	6♍17	8° 0	6°33	25°29	22° 3	5°45	5°45	0°59	25°31	1° 5	0° 4	18°41	n.a.	S 13
M14	1 10 21	16° 6'29	18°44	9°37	7°49	25°59	22°12	5°46	5°49	0°59	25°31	1° 6	0° 1	18°48	n.a.	M14
T 15	1 14 17	17° 7'06	1♎ 0	11°14	9° 4	26°28	22°22	5°47	5°52	0°59	25°31	1°R 7	29♍58	18°55	n.a.	T 15
W16	1 18 14	18° 7'44	13° 6	12°51	10°20	26°57	22°31	5°48	5°56	0°59	25°30	1° 6	29°55	19° 1	n.a.	W16
T 17	1 22 10	19° 8'23	25° 6	14°28	11°35	27°26	22°41	5°49	6° 0	0°59	25°30	1° 5	29°52	19° 8	n.a.	T 17
F 18	1 26 7	20° 9'05	7♏ 0	16° 4	12°51	27°55	22°51	5°49	6° 4	0°D59	25°29	1° 3	29°49	19°15	n.a.	F 18
S 19	1 30 3	21° 9'47	18°51	17°40	14° 6	28°24	23° 1	5°50	6° 7	0°59	25°29	0°59	29°45	19°21	n.a.	S 19
S 20	1 34 0	22°10'32	0♐41	19°16	15°22	28°52	23°11	5°50	6°11	0°59	25°29	0°56	29°42	19°28	n.a.	S 20
M21	1 37 57	23°11'17	12°31	20°52	16°37	29°21	23°21	5°50	6°15	0°59	25°28	0°52	29°39	19°35	n.a.	M21
T 22	1 41 53	24°12'04	24°26	22°27	17°53	29°49	23°31	5°R50	6°18	0°59	25°28	0°49	29°36	19°41	n.a.	T 22
W23	1 45 50	25°12'52	6♑29	24° 3	19° 9	0♌16	23°42	5°50	6°22	0°59	25°27	0°46	29°33	19°48	n.a.	W23
T 24	1 49 46	26°13'41	18°44	25°38	20°24	0°44	23°52	5°50	6°25	1° 0	25°26	0°45	29°29	19°55	n.a.	T 24
F 25	1 53 43	27°14'31	1♒16	27°12	21°40	1°11	24° 3	5°50	6°29	1° 0	25°26	0°D45	29°26	20° 1	n.a.	F 25
S 26	1 57 39	28°15'23	14° 8	28°47	22°55	1°39	24°14	5°50	6°33	1° 0	25°25	0°45	29°23	20° 8	n.a.	S 26
S 27	2 1 36	29°16'15	27°25	0♏22	24°11	2° 5	24°24	5°49	6°36	1° 0	25°25	0°47	29°20	20°15	n.a.	S 27
M28	2 5 32	0♏17'08	11♓ 9	1°56	25°27	2°32	24°35	5°49	6°40	1° 1	25°24	0°49	29°17	20°22	n.a.	M28
T 29	2 9 29	1°18'02	25°21	3°30	26°42	2°59	24°46	5°48	6°43	1° 1	25°23	0°R50	29°14	20°28	n.a.	T 29
W30	2 13 26	2°18'58	9♈59	5° 5	27°58	3°25	24°57	5°47	6°47	1° 1	25°23	0°49	29°10	20°35	n.a.	W30
T 31	2 17 22	3♏19'54	24♈58	6♏39	29♎13	3♌51	25♐ 9	5♋46	6♎50	1♒ 2	25♊22	0♎48	29♍ 7	20♏42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1s13	3s50	1n15	6n26	2n 0	4n45	1n26	23n34	1n16	23s43	0s20	23n25	0s12	1s26	0n37	20s42	0s33	25n 5	1n26	0s26	0s17	13s37			n.a.
W 2	1 37	0n46	0s 6	5 45	1 57	4 14	1 26	23 31	1 17	23 43	0 20	23 25	0 12	1 28	0 37	20 43	0 33	25 5	1 26	0 26	0 16	13 39			n.a.
T 3	2 1	5 24	1 27	5 4	1 54	3 43	1 25	23 27	1 18	23 44	0 20	23 25	0 12	1 29	0 37	20 43	0 33	25 5	1 26	0 26	0 15	13 40			n.a.
F 4	2 26	9 43	2 43	4 22	1 51	3 13	1 25	23 23	1 19	23 45	0 20	23 25	0 12	1 31	0 37	20 43	0 33	25 5	1 26	0 26	0 13	13 41			n.a.
S 5	2 50	13 25	3 47	3 39	1 47	2 42	1 24	23 19	1 20	23 45	0 21	23 25	0 11	1 32	0 37	20 43	0 33	25 5	1 26	0 26	0 12	13 42			n.a.
S 6	3 14	16 12	4 36	2 56	1 42	2 11	1 23	23 16	1 22	23 46	0 21	23 25	0 11	1 34	0 37	20 43	0 33	25 5	1 26	0 25	0 11	13 44			n.a.
M 7	3 38	17 54	5 7	2 12	1 38	1 40	1 22	23 12	1 23	23 46	0 21	23 25	0 11	1 35	0 37	20 43	0 33	25 6	1 26	0 25	0 9	13 45			n.a.
T 8	4 2	18 26	5 17	1 28	1 33	1 8	1 22	23 8	1 24	23 47	0 21	23 25	0 11	1 37	0 37	20 43	0 33	25 6	1 27	0 25	0 8	13 46			n.a.
W 9	4 26	17 51	5 9	0 44	1 27	0 37	1 21	23 4	1 25	23 48	0 21	23 25	0 11	1 38	0 37	20 43	0 33	25 6	1 27	0 25	0 7	13 48			n.a.
T 10	4 50	16 16	4 44	0s 0	1 22	0 6	1 20	22 59	1 26	23 48	0 21	23 25	0 11	1 40	0 37	20 43	0 33	25 6	1 27	0 25	0 6	13 49			n.a.
F 11	5 14	13 50	4 4	0 45	1 16	0s25	1 18	22 55	1 28	23 49	0 21	23 25	0 11	1 42	0 37	20 43	0 33	25 6	1 27	0 25	0 4	13 50			n.a.
S 12	5 37	10 46	3 13	1 29	1 10	0 57	1 17	22 51	1 29	23 50	0 21	23 25	0 11	1 43	0 37	20 43	0 33	25 6	1 27	0 26	0 3	13 51			n.a.
S 13	6 1	7 15	2 13	2 14	1 4	1 28	1 16	22 47	1 30	23 50	0 21	23 25	0 11	1 45	0 37	20 43	0 33	25 6	1 27	0 26	0 2	13 53			n.a.
M14	6 25	3 28	1 8	2 58	0 58	1 59	1 15	22 42	1 31	23 51	0 21	23 25	0 11	1 46	0 37	20 43	0 33	25 6	1 27	0 27	0 0	13 54			n.a.
T 15	6 48	0s25	0 1	3 43	0 52	2 31	1 14	22 38	1 33	23 51	0 21	23 25	0 11	1 47	0 37	20 43	0 33	25 6	1 27	0 27	0n 1	13 55			n.a.
W16	7 12	4 14	1n 6	4 27	0 45	3 2	1 12	22 33	1 34	23 52	0 21	23 25	0 11	1 49	0 37	20 43	0 33	25 6	1 27	0 27	0 2	13 56			n.a.
T 17	7 35	7 50	2 9	5 10	0 39	3 33	1 11	22 29	1 35	23 53	0 21	23 25	0 10	1 50	0 37	20 43	0 33	25 7	1 28	0 26	0 3	13 58			n.a.
F 18	7 58	11 6	3 5	5 54	0 32	4 4	1 9	22 24	1 36	23 53	0 21	23 26	0 10	1 52	0 37	20 43	0 33	25 7	1 28	0 25	0 5	13 59			n.a.
S 19	8 21	13 54	3 54	6 37	0 26	4 35	1 8	22 19	1 38	23 54	0 21	23 26	0 10	1 53	0 37	20 43	0 33	25 7	1 28	0 24	0 6	14 0			n.a.
S 20	8 44	16 6	4 32	7 20	0 19	5 6	1 6	22 15	1 39	23 54	0 21	23 26	0 10	1 55	0 37	20 43	0 33	25 7	1 28	0 22	0 7	14 1			n.a.
M21	9 7	17 38	4 59	8 3	0 12	5 37	1 5	22 10	1 40	23 55	0 22	23 26	0 10	1 56	0 37	20 43	0 33	25 7	1 28	0 21	0 8	14 3			n.a.
T 22	9 30	18 24	5 13	8 45	0 6	6 8	1 3	22 5	1 42	23 56	0 22	23 26	0 10	1 58	0 37	20 43	0 33	25 7	1 28	0 20	0 10	14 4			n.a.
W23	9 52	18 22	5 13	9 27	0s 1	6 38	1 1	22 1	1 43	23 56	0 22	23 26	0 10	1 59	0 37	20 43	0 33	25 7	1 28	0 19	0 11	14 5			n.a.
T 24	10 15	17 28	4 59	10 8	0 7	7 9	1 0	21 56	1 44	23 57	0 22	23 26	0 10	2 1	0 37	20 43	0 33	25 7	1 28	0 18	0 12	14 6			n.a.
F 25	10 37	15 43	4 31	10 49	0 14	7 39	0 58	21 51	1 46	23 57	0 22	23 26	0 10	2 2	0 37	20 43	0 33	25 7	1 28	0 18	0 14	14 8			n.a.
S 26	10 59	13 8	3 49	11 29	0 20	8 9	0 56	21 46	1 47	23 58	0 22	23 26	0 10	2 4	0 37	20 43	0 33	25 7	1 28	0 18	0 15	14 9			n.a.
S 27	11 21	9 48	2 53	12 9	0 27	8 39	0 54	21 42	1 49	23 58	0 22	23 26	0 10	2 5	0 37	20 43	0 33	25 7	1 29	0 19	0 16	14 10			n.a.
M28	11 43	5 50	1 46	12 48	0 33	9 9	0 52	21 37	1 50	23 59	0 22	23 26	0 10	2 6	0 37	20 43	0 33	25 7	1 29	0 20	0 17	14 11			n.a.
T 29	12 4	1 25	0 30	13 27	0 39	9 38	0 50	21 32	1 51	23 59	0 22	23 27	0 9	2 8	0 37	20 43	0 33	25 7	1 29	0 20	0 19	14 13			n.a.
W30	12 25	3n14	0s50	14 5	0 45	10 7	0 48	21 27	1 53	24 0	0 22	23 27	0 9	2 9	0 37	20 43	0 33	25 8	1 29	0 20	0 20	14 14			n.a.
T 31	12s46	7n48	2s 8	14s42	0s52	10s36	0n46	21n22	1n54	24s 0	0s22	23n27	0s 9	2s11	0n37	20s43	0s33	25n 8	1n29	0s19	0n21	14s15			n.a.

Julian Day Number = 1614312.5, Delta T = 03h51m22s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'12, Lahiri = - 8°00'11 Julian Calendar 1 Oct. 294 BCE == Greg. Calendar 27 Sept. 294 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

NOVEMBER 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 21 19	4♏20'51	10♉11	8♏13	0♏29	4♌16	25♐20	5°R45	6♎54	1♒ 2	25°R21	0°R44	29♍ 4	20♏48	n.a.	F 1
S 2	2 25 15	5°21'50	25°26	9°47	1°45	4°42	25°31	5♋44	6°57	1° 3	25♊20	0♎39	29° 1	20°55	n.a.	S 2
S 3	2 29 12	6°22'50	10♊34	11°21	3° 0	5° 7	25°43	5°43	7° 1	1° 3	25°20	0°34	28°58	21° 2	n.a.	S 3
M 4	2 33 8	7°23'51	25°26	12°54	4°16	5°32	25°55	5°41	7° 4	1° 4	25°19	0°29	28°54	21° 8	n.a.	M 4
T 5	2 37 5	8°24'53	9♋54	14°28	5°31	5°57	26° 6	5°40	7° 7	1° 5	25°18	0°24	28°51	21°15	n.a.	T 5
W 6	2 41 1	9°25'57	23°55	16° 2	6°47	6°21	26°18	5°38	7°11	1° 5	25°17	0°21	28°48	21°22	n.a.	W 6
T 7	2 44 58	10°27'02	7♌28	17°36	8° 3	6°45	26°30	5°37	7°14	1° 6	25°16	0°D20	28°45	21°29	n.a.	T 7
F 8	2 48 55	11°28'08	20°36	19°10	9°18	7° 9	26°42	5°35	7°17	1° 7	25°15	0°20	28°42	21°35	n.a.	F 8
S 9	2 52 51	12°29'15	3♍22	20°44	10°34	7°32	26°54	5°33	7°21	1° 7	25°15	0°22	28°39	21°42	n.a.	S 9
S 10	2 56 48	13°30'23	15°49	22°18	11°49	7°55	27° 6	5°31	7°24	1° 8	25°14	0°23	28°35	21°49	n.a.	S 10
M11	3 0 44	14°31'32	28° 3	23°52	13° 5	8°18	27°18	5°29	7°27	1° 9	25°13	0°R24	28°32	21°55	n.a.	M11
T 12	3 4 41	15°32'42	10♎ 6	25°26	14°21	8°40	27°30	5°27	7°30	1°10	25°12	0°24	28°29	22° 2	n.a.	T 12
W13	3 8 37	16°33'53	22° 3	27° 0	15°36	9° 3	27°43	5°24	7°33	1°11	25°11	0°21	28°26	22° 9	n.a.	W13
T 14	3 12 34	17°35'05	3♏55	28°34	16°52	9°24	27°55	5°22	7°37	1°12	25°10	0°16	28°23	22°15	n.a.	T 14
F 15	3 16 30	18°36'17	15°45	0♐ 7	18° 7	9°46	28° 8	5°20	7°40	1°13	25° 9	0° 9	28°20	22°22	n.a.	F 15
S 16	3 20 27	19°37'30	27°36	1°41	19°23	10° 7	28°20	5°17	7°43	1°13	25° 8	29♍59	28°16	22°29	n.a.	S 16
S 17	3 24 24	20°38'44	9♐27	3°15	20°38	10°28	28°33	5°14	7°46	1°14	25° 7	29°49	28°13	22°35	n.a.	S 17
M18	3 28 20	21°39'58	21°22	4°48	21°54	10°48	28°46	5°11	7°49	1°16	25° 6	29°39	28°10	22°42	n.a.	M18
T 19	3 32 17	22°41'13	3♑21	6°21	23°10	11° 8	28°58	5° 8	7°52	1°17	25° 5	29°29	28° 7	22°49	n.a.	T 19
W20	3 36 13	23°42'28	15°28	7°54	24°25	11°27	29°11	5° 5	7°55	1°18	25° 4	29°20	28° 4	22°56	n.a.	W20
T 21	3 40 10	24°43'42	27°44	9°27	25°41	11°47	29°24	5° 2	7°58	1°19	25° 2	29°14	28° 0	23° 2	n.a.	T 21
F 22	3 44 6	25°44'58	10♒13	10°59	26°56	12° 5	29°37	4°59	8° 0	1°20	25° 1	29°10	27°57	23° 9	n.a.	F 22
S 23	3 48 3	26°46'13	22°59	12°30	28°12	12°24	29°50	4°56	8° 3	1°21	25° 0	29°D 9	27°54	23°16	n.a.	S 23
S 24	3 51 59	27°47'28	6♓ 6	14° 1	29°27	12°42	0♑ 3	4°53	8° 6	1°22	24°59	29° 9	27°51	23°22	n.a.	S 24
M25	3 55 56	28°48'42	19°37	15°30	0♐43	12°59	0°16	4°49	8° 9	1°24	24°58	29°10	27°48	23°29	n.a.	M25
T 26	3 59 53	29°49'57	3♈36	16°59	1°58	13°16	0°30	4°46	8°11	1°25	24°57	29°R10	27°45	23°36	n.a.	T 26
W27	4 3 49	0♐51'12	18° 2	18°25	3°14	13°33	0°43	4°42	8°14	1°26	24°56	29° 9	27°41	23°42	n.a.	W27
T 28	4 7 46	1°52'27	2♉53	19°51	4°29	13°49	0°56	4°38	8°17	1°28	24°54	29° 5	27°38	23°49	n.a.	T 28
F 29	4 11 42	2°53'41	18° 3	21°14	5°45	14° 4	1°10	4°35	8°19	1°29	24°53	28°58	27°35	23°56	n.a.	F 29
S 30	4 15 39	3♐54'56	3♊23	22♐34	7♐ 0	14♌20	1♑23	4♋31	8♎22	1♒30	24♊52	28♍49	27♍32	24♏ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s 7	11n54	3s19	15s19	0s58	11s 5	0n44	21n18	1n56	24s 1	0s22	23n27	0s 9	2s12	0n37	20s43	0s33	25n 8	1n29	0s18	0n23	14s16		n.a.
S 2	13 28	15 14	4 15	15 55	1 3	11 34	0 42	21 13	1 57	24 1	0 22	23 27	0 9	2 13	0 37	20 42	0 33	25 8	1 29	0 16	0 24	14 18		n.a.
S 3	13 49	17 28	4 53	16 30	1 9	12 2	0 40	21 8	1 59	24 2	0 22	23 27	0 9	2 15	0 37	20 42	0 33	25 8	1 29	0 14	0 25	14 19		n.a.
M 4	14 9	18 29	5 10	17 5	1 15	12 30	0 38	21 3	2 0	24 2	0 22	23 27	0 9	2 16	0 37	20 42	0 33	25 8	1 29	0 12	0 26	14 20		n.a.
T 5	14 29	18 15	5 7	17 39	1 20	12 57	0 36	20 59	2 2	24 3	0 22	23 27	0 9	2 17	0 37	20 42	0 33	25 8	1 29	0 10	0 28	14 21		n.a.
W 6	14 49	16 54	4 45	18 12	1 25	13 25	0 34	20 54	2 3	24 3	0 23	23 28	0 9	2 19	0 37	20 42	0 33	25 8	1 30	0 9	0 29	14 22		n.a.
T 7	15 8	14 37	4 8	18 44	1 30	13 52	0 31	20 49	2 5	24 3	0 23	23 28	0 9	2 20	0 37	20 42	0 33	25 8	1 30	0 8	0 30	14 24		n.a.
F 8	15 27	11 39	3 19	19 15	1 35	14 18	0 29	20 45	2 6	24 4	0 23	23 28	0 9	2 21	0 37	20 42	0 33	25 8	1 30	0 8	0 31	14 25		n.a.
S 9	15 46	8 12	2 22	19 45	1 40	14 45	0 27	20 40	2 8	24 4	0 23	23 28	0 8	2 23	0 37	20 41	0 33	25 8	1 30	0 9	0 33	14 26		n.a.
S 10	16 5	4 27	1 18	20 15	1 44	15 10	0 25	20 36	2 10	24 5	0 23	23 28	0 8	2 24	0 37	20 41	0 33	25 8	1 30	0 9	0 34	14 27		n.a.
M11	16 23	0 35	0 13	20 43	1 48	15 36	0 22	20 31	2 11	24 5	0 23	23 29	0 8	2 25	0 37	20 41	0 33	25 8	1 30	0 10	0 35	14 28		n.a.
T 12	16 42	3s15	0n52	21 10	1 52	16 1	0 20	20 27	2 13	24 5	0 23	23 29	0 8	2 26	0 37	20 41	0 33	25 8	1 30	0 10	0 37	14 30		n.a.
W13	16 59	6 55	1 54	21 36	1 56	16 26	0 18	20 22	2 15	24 5	0 23	23 29	0 8	2 28	0 37	20 41	0 33	25 8	1 30	0 9	0 38	14 31		n.a.
T 14	17 17	10 18	2 51	22 1	1 59	16 50	0 15	20 18	2 16	24 6	0 23	23 29	0 8	2 29	0 37	20 40	0 33	25 9	1 30	0 6	0 39	14 32		n.a.
F 15	17 34	13 15	3 40	22 25	2 2	17 13	0 13	20 14	2 18	24 6	0 23	23 29	0 8	2 30	0 38	20 40	0 33	25 9	1 30	0 4	0 40	14 33		n.a.
S 16	17 51	15 39	4 19	22 47	2 5	17 37	0 11	20 10	2 20	24 6	0 23	23 29	0 8	2 31	0 38	20 40	0 33	25 9	1 30	0n 0	0 42	14 34		n.a.
S 17	18 8	17 25	4 47	23 9	2 7	18 0	0 8	20 6	2 21	24 6	0 23	23 30	0 8	2 33	0 38	20 40	0 33	25 9	1 31	0 4	0 43	14 36		n.a.
M18	18 24	18 25	5 3	23 28	2 9	18 22	0 6	20 2	2 23	24 7	0 23	23 30	0 8	2 34	0 38	20 39	0 33	25 9	1 31	0 9	0 44	14 37		n.a.
T 19	18 40	18 36	5 5	23 47	2 11	18 44	0 4	19 58	2 25	24 7	0 23	23 30	0 8	2 35	0 38	20 39	0 33	25 9	1 31	0 13	0 46	14 38		n.a.
W20	18 56	17 57	4 54	24 4	2 12	19 5	0 1	19 54	2 27	24 7	0 23	23 30	0 7	2 36	0 38	20 39	0 33	25 9	1 31	0 16	0 47	14 39		n.a.
T 21	19 11	16 28	4 29	24 19	2 13	19 26	0s 1	19 50	2 28	24 7	0 24	23 31	0 7	2 37	0 38	20 39	0 33	25 9	1 31	0 18	0 48	14 40		n.a.
F 22	19 26	14 11	3 51	24 33	2 13	19 46	0 3	19 47	2 30	24 7	0 24	23 31	0 7	2 38	0 38	20 38	0 33	25 9	1 31	0 20	0 49	14 42		n.a.
S 23	19 40	11 10	3 1	24 46	2 13	20 6	0 6	19 43	2 32	24 7	0 24	23 31	0 7	2 39	0 38	20 38	0 33	25 9	1 31	0 21	0 51	14 43		n.a.
S 24	19 54	7 31	2 0	24 56	2 12	20 25	0 8	19 40	2 34	24 7	0 24	23 31	0 7	2 40	0 38	20 38	0 33	25 9	1 31	0 20	0 52	14 44		n.a.
M25	20 8	3 23	0 51	25 5	2 10	20 43	0 11	19 36	2 36	24 8	0 24	23 31	0 7	2 42	0 38	20 38	0 33	25 9	1 31	0 20	0 53	14 45		n.a.
T 26	20 22	1n 5	0s24	25 12	2 8	21 1	0 13	19 33	2 38	24 8	0 24	23 32	0 7	2 43	0 38	20 37	0 33	25 9	1 31	0 20	0 54	14 46		n.a.
W27	20 35	5 38	1 39	25 17	2 5	21 18	0 15	19 30	2 40	24 8	0 24	23 32	0 7	2 44	0 38	20 37	0 33	25 9	1 31	0 21	0 56	14 47		n.a.
T 28	20 47	9 58	2 50	25 21	2 1	21 35	0 18	19 27	2 42	24 8	0 24	23 32	0 7	2 45	0 38	20 37	0 33	25 9	1 31	0 22	0 57	14 49		n.a.
F 29	20 59	13 44	3 50	25 23	1 57	21 51	0 20	19 24	2 43	24 8	0 24	23 32	0 7	2 46	0 38	20 36	0 33	25 9	1 32	0 25	0 58	14 50		n.a.
S 30	21s11	16n36	4s34	25s22	1s51	22s 6	0s22	19n22	2n45	24s 7	0s24	23n33	0s 6	2s47	0n38	20s36	0s33	25n 9	1n32	0n28	1n 0	14s51		n.a.

Julian Day Number = 1614343.5, Delta T = 03h51m21s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'07, Lahiri = - 8°00'07 Julian Calendar 1 Nov. 294 BCE == Greg. Calendar 28 Oct. 294 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 294 BCE
geocentric

DECEMBER 294 BCE (-293) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 19 35	4♐56'10	18♊41	23♐52	8♐16	14♌34	1♑36	4°R27	8♎24	1♒32	24°R51	28°R39	27♍29	24♏ 9	n.a.	S 1
M 2	4 23 32	5°57'25	3♋47	25° 6	9°31	14°49	1°50	4♋23	8°27	1°33	24♊50	28♍29	27°26	24°16	n.a.	M 2
T 3	4 27 29	6°58'40	18°30	26°16	10°47	15° 2	2° 3	4°19	8°29	1°35	24°48	28°19	27°22	24°23	n.a.	T 3
W 4	4 31 25	7°59'55	2♌44	27°21	12° 2	15°16	2°17	4°15	8°32	1°36	24°47	28°12	27°19	24°29	n.a.	W 4
T 5	4 35 22	9° 1'10	16°28	28°21	13°17	15°28	2°31	4°11	8°34	1°38	24°46	28° 8	27°16	24°36	n.a.	T 5
F 6	4 39 18	10° 2'24	29°42	29°14	14°33	15°40	2°44	4° 6	8°36	1°39	24°45	28° 5	27°13	24°43	n.a.	F 6
S 7	4 43 15	11° 3'39	12♍30	0♑ 1	15°48	15°52	2°58	4° 2	8°38	1°41	24°43	28°D 5	27°10	24°49	n.a.	S 7
S 8	4 47 11	12° 4'54	24°56	0°39	17° 4	16° 3	3°12	3°58	8°41	1°42	24°42	28°R 5	27° 6	24°56	n.a.	S 8
M 9	4 51 8	13° 6'09	7♎ 6	1° 8	18°19	16°13	3°26	3°53	8°43	1°44	24°41	28° 5	27° 3	25° 3	n.a.	M 9
T 10	4 55 4	14° 7'24	19° 4	1°28	19°35	16°23	3°40	3°49	8°45	1°46	24°39	28° 3	27° 0	25°10	n.a.	T 10
W11	4 59 1	15° 8'38	0♏55	1°R37	20°50	16°32	3°53	3°44	8°47	1°47	24°38	27°59	26°57	25°16	n.a.	W11
T 12	5 2 58	16° 9'53	12°44	1°35	22° 5	16°41	4° 7	3°40	8°49	1°49	24°37	27°51	26°54	25°23	n.a.	T 12
F 13	5 6 54	17°11'07	24°33	1°21	23°21	16°49	4°21	3°35	8°51	1°51	24°36	27°41	26°51	25°30	n.a.	F 13
S 14	5 10 51	18°12'20	6♐25	0°55	24°36	16°56	4°35	3°30	8°53	1°53	24°34	27°28	26°47	25°36	n.a.	S 14
S 15	5 14 47	19°13'34	18°22	0°18	25°51	17° 3	4°49	3°26	8°55	1°54	24°33	27°13	26°44	25°43	n.a.	S 15
M16	5 18 44	20°14'46	0♑24	29♐30	27° 7	17° 9	5° 3	3°21	8°57	1°56	24°32	26°58	26°41	25°50	n.a.	M16
T 17	5 22 40	21°15'58	12°33	28°32	28°22	17°14	5°17	3°16	8°58	1°58	24°30	26°43	26°38	25°57	n.a.	T 17
W18	5 26 37	22°17'09	24°49	27°26	29°37	17°19	5°31	3°11	9° 0	2° 0	24°29	26°31	26°35	26° 3	n.a.	W18
T 19	5 30 33	23°18'19	7♒15	26°14	0♑53	17°23	5°46	3° 7	9° 2	2° 2	24°28	26°22	26°32	26°10	n.a.	T 19
F 20	5 34 30	24°19'29	19°51	24°58	2° 8	17°26	6° 0	3° 2	9° 3	2° 4	24°26	26°15	26°28	26°17	n.a.	F 20
S 21	5 38 27	25°20'37	2♓40	23°40	3°23	17°29	6°14	2°57	9° 5	2° 6	24°25	26°12	26°25	26°23	n.a.	S 21
S 22	5 42 23	26°21'44	15°45	22°23	4°38	17°30	6°28	2°52	9° 6	2° 7	24°24	26°10	26°22	26°30	n.a.	S 22
M23	5 46 20	27°22'50	29° 9	21°10	5°54	17°31	6°42	2°47	9° 8	2° 9	24°22	26°10	26°19	26°37	n.a.	M23
T 24	5 50 16	28°23'55	12♈55	20° 1	7° 9	17°R32	6°56	2°42	9° 9	2°11	24°21	26°10	26°16	26°43	n.a.	T 24
W25	5 54 13	29°24'58	27° 5	18°59	8°24	17°31	7°11	2°37	9°11	2°13	24°20	26° 8	26°12	26°50	n.a.	W25
T 26	5 58 9	0♑26'00	11♉37	18° 4	9°39	17°30	7°25	2°32	9°12	2°15	24°18	26° 4	26° 9	26°57	n.a.	T 26
F 27	6 2 6	1°27'01	26°28	17°18	10°55	17°28	7°39	2°27	9°13	2°17	24°17	25°56	26° 6	27° 4	n.a.	F 27
S 28	6 6 3	2°28'01	11♊32	16°41	12°10	17°26	7°53	2°23	9°14	2°19	24°16	25°47	26° 3	27°10	n.a.	S 28
S 29	6 9 59	3°29'00	26°39	16°12	13°25	17°22	8° 8	2°18	9°15	2°21	24°15	25°35	26° 0	27°17	n.a.	S 29
M30	6 13 56	4°29'57	11♋40	15°53	14°40	17°18	8°22	2°13	9°16	2°23	24°13	25°23	25°57	27°24	n.a.	M30
T 31	6 17 52	5♑30'54	26♋24	15♐42	15♑55	17♌13	8♑36	2♋ 8	9♎18	2♒25	24♊12	25♍13	25♍53	27♏30	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21 s23	18n17	4 s58	25 s20	1 s45	22 s21	0 s25	19n19	2n47	24 s 7	0 s24	23n33	0 s 6	2 s48	0n38	20 s36	0 s33	25n 9	1n32	0n33	1n 1	14 s52			n.a.
M 2	21 34	18 39	5 1	25 16	1 38	22 35	0 27	19 17	2 49	24 7	0 24	23 33	0 6	2 49	0 38	20 35	0 33	25 9	1 32	0 37	1 2	14 53			n.a.
T 3	21 44	17 44	4 44	25 10	1 30	22 49	0 29	19 15	2 51	24 7	0 24	23 33	0 6	2 50	0 38	20 35	0 33	25 9	1 32	0 41	1 3	14 54			n.a.
W 4	21 54	15 44	4 10	25 3	1 20	23 1	0 31	19 13	2 53	24 7	0 25	23 34	0 6	2 50	0 38	20 35	0 33	25 9	1 32	0 43	1 5	14 55			n.a.
T 5	22 4	12 53	3 22	24 53	1 10	23 13	0 34	19 11	2 56	24 7	0 25	23 34	0 6	2 51	0 38	20 34	0 33	25 9	1 32	0 45	1 6	14 57			n.a.
F 6	22 13	9 27	2 25	24 42	0 58	23 25	0 36	19 9	2 58	24 7	0 25	23 34	0 6	2 52	0 38	20 34	0 33	25 9	1 32	0 46	1 7	14 58			n.a.
S 7	22 22	5 41	1 22	24 29	0 46	23 35	0 38	19 8	3 0	24 6	0 25	23 34	0 6	2 53	0 38	20 34	0 33	25 9	1 32	0 46	1 9	14 59			n.a.
S 8	22 31	1 47	0 17	24 15	0 32	23 45	0 40	19 6	3 2	24 6	0 25	23 35	0 6	2 54	0 38	20 33	0 33	25 9	1 32	0 46	1 10	15 0			n.a.
M 9	22 39	2 s 7	0n48	24 0	0 16	23 54	0 42	19 5	3 4	24 6	0 25	23 35	0 5	2 55	0 38	20 33	0 33	25 9	1 32	0 46	1 11	15 1			n.a.
T 10	22 46	5 53	1 49	23 43	0 0	24 3	0 44	19 4	3 6	24 6	0 25	23 35	0 5	2 56	0 38	20 33	0 33	25 10	1 32	0 47	1 12	15 2			n.a.
W11	22 53	9 22	2 45	23 26	0n17	24 11	0 46	19 3	3 8	24 5	0 25	23 35	0 5	2 56	0 38	20 32	0 33	25 10	1 33	0 49	1 14	15 3			n.a.
T 12	23 0	12 28	3 33	23 8	0 35	24 18	0 48	19 3	3 10	24 5	0 25	23 35	0 5	2 57	0 38	20 32	0 33	25 10	1 33	0 52	1 15	15 5			n.a.
F 13	23 6	15 4	4 12	22 49	0 54	24 24	0 50	19 2	3 13	24 5	0 25	23 36	0 5	2 58	0 38	20 31	0 33	25 10	1 33	0 56	1 16	15 6			n.a.
S 14	23 12	17 3	4 40	22 30	1 14	24 29	0 52	19 2	3 15	24 4	0 25	23 36	0 5	2 59	0 38	20 31	0 33	25 10	1 33	1 1	1 17	15 7			n.a.
S 15	23 17	18 18	4 56	22 11	1 33	24 34	0 54	19 2	3 17	24 4	0 25	23 36	0 5	2 59	0 38	20 31	0 33	25 10	1 33	1 7	1 19	15 8			n.a.
M16	23 22	18 45	4 59	21 52	1 52	24 38	0 56	19 2	3 19	24 3	0 25	23 36	0 5	3 0	0 38	20 30	0 33	25 10	1 33	1 13	1 20	15 9			n.a.
T 17	23 26	18 21	4 48	21 33	2 10	24 41	0 58	19 3	3 21	24 3	0 26	23 37	0 5	3 1	0 38	20 30	0 33	25 10	1 33	1 19	1 21	15 10			n.a.
W18	23 30	17 5	4 24	21 14	2 28	24 43	1 0	19 4	3 24	24 2	0 26	23 37	0 4	3 1	0 38	20 29	0 33	25 10	1 33	1 24	1 23	15 11			n.a.
T 19	23 33	15 1	3 48	20 57	2 44	24 45	1 2	19 4	3 26	24 2	0 26	23 37	0 4	3 2	0 38	20 29	0 33	25 10	1 33	1 28	1 24	15 12			n.a.
F 20	23 36	12 12	2 59	20 40	2 57	24 46	1 3	19 6	3 28	24 1	0 26	23 37	0 4	3 3	0 38	20 29	0 33	25 10	1 33	1 30	1 25	15 14			n.a.
S 21	23 39	8 46	2 1	20 25	3 9	24 46	1 5	19 7	3 30	24 1	0 26	23 38	0 4	3 3	0 38	20 28	0 33	25 10	1 33	1 32	1 26	15 15			n.a.
S 22	23 41	4 51	0 55	20 12	3 19	24 45	1 7	19 9	3 33	24 0	0 26	23 38	0 4	3 4	0 38	20 28	0 33	25 10	1 33	1 32	1 28	15 16			n.a.
M23	23 42	0 35	0 s16	20 1	3 26	24 44	1 8	19 10	3 35	23 59	0 26	23 38	0 4	3 4	0 38	20 27	0 33	25 10	1 33	1 32	1 29	15 17			n.a.
T 24	23 43	3n50	1 27	19 51	3 30	24 42	1 10	19 12	3 37	23 59	0 26	23 38	0 4	3 5	0 38	20 27	0 33	25 10	1 33	1 33	1 30	15 18			n.a.
W25	23 44	8 8	2 35	19 44	3 32	24 38	1 11	19 15	3 39	23 58	0 26	23 38	0 4	3 5	0 38	20 26	0 33	25 10	1 34	1 33	1 32	15 19			n.a.
T 26	23 44	12 5	3 35	19 40	3 32	24 35	1 13	19 17	3 42	23 57	0 26	23 39	0 4	3 6	0 38	20 26	0 33	25 10	1 34	1 35	1 33	15 20			n.a.
F 27	23 43	15 21	4 22	19 38	3 30	24 30	1 14	19 20	3 44	23 57	0 26	23 39	0 4	3 6	0 39	20 25	0 33	25 10	1 34	1 38	1 34	15 21			n.a.
S 28	23 42	17 38	4 51	19 38	3 26	24 25	1 15	19 23	3 46	23 56	0 27	23 39	0 3	3 7	0 39	20 25	0 33	25 10	1 34	1 42	1 35	15 22			n.a.
S 29	23 41	18 41	5 0	19 40	3 21	24 19	1 17	19 26	3 49	23 55	0 27	23 39	0 3	3 7	0 39	20 24	0 33	25 10	1 34	1 47	1 37	15 24			n.a.
M30	23 39	18 25	4 49	19 45	3 15	24 12	1 18	19 29	3 51	23 54	0 27	23 39	0 3	3 8	0 39	20 24	0 33	25 10	1 34	1 51	1 38	15 25			n.a.
T 31	23 s37	16n55	4 s18	19 s51	3n 7	24 s 4	1 s19	19n33	3n53	23 s54	0 s27	23n40	0 s 3	3 s 8	0n39	20 s24	0 s33	25n10	1n34	1n56	1n39	15 s26			n.a.

Julian Day Number = 1614373.5, Delta T = 03h51m20s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°07'03, Lahiri = - 8°00'03 Julian Calendar 1 Dec. 294 BCE == Greg. Calendar 27 Nov. 294 BCE

The year -293 astronomical counting style corresponds to year 294 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

JANUARY 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 21 49	6♉31'49	10♌43	15°D39	17♉10	17°R 7	8♉51	2°R 3	9♎18	2♒28	24°R11	25°R 4	25♍50	27♏37	n.a.	W 1
T 2	6 25 45	7°32'43	24°34	15♐43	18°25	17♌ 1	9° 5	1♋58	9°19	2°30	24♊ 9	24♍58	25°47	27°44	n.a.	T 2
F 3	6 29 42	8°33'36	7♍56	15°55	19°40	16°54	9°19	1°53	9°20	2°32	24° 8	24°55	25°44	27°51	n.a.	F 3
S 4	6 33 38	9°34'28	20°51	16°14	20°55	16°45	9°33	1°48	9°21	2°34	24° 7	24°D54	25°41	27°57	n.a.	S 4
S 5	6 37 35	10°35'19	3♎22	16°38	22°11	16°36	9°48	1°43	9°22	2°36	24° 6	24°54	25°38	28° 4	n.a.	S 5
M 6	6 41 32	11°36'09	15°34	17° 8	23°26	16°27	10° 2	1°38	9°23	2°38	24° 4	24°R54	25°34	28°11	n.a.	M 6
T 7	6 45 28	12°36'58	27°34	17°43	24°41	16°16	10°16	1°34	9°23	2°40	24° 3	24°53	25°31	28°17	n.a.	T 7
W 8	6 49 25	13°37'46	9♏26	18°23	25°56	16° 5	10°31	1°29	9°24	2°42	24° 2	24°50	25°28	28°24	n.a.	W 8
T 9	6 53 21	14°38'33	21°14	19° 7	27°11	15°53	10°45	1°24	9°24	2°45	24° 1	24°44	25°25	28°31	n.a.	T 9
F 10	6 57 18	15°39'18	3♐ 5	19°55	28°26	15°40	10°59	1°19	9°25	2°47	23°59	24°35	25°22	28°37	n.a.	F 10
S 11	7 1 14	16°40'02	15° 0	20°47	29°40	15°26	11°13	1°15	9°25	2°49	23°58	24°24	25°18	28°44	n.a.	S 11
S 12	7 5 11	17°40'45	27° 3	21°42	0♒55	15°12	11°28	1°10	9°26	2°51	23°57	24°12	25°15	28°51	n.a.	S 12
M13	7 9 7	18°41'26	9♑14	22°40	2°10	14°57	11°42	1° 5	9°26	2°54	23°56	23°59	25°12	28°58	n.a.	M13
T 14	7 13 4	19°42'06	21°36	23°40	3°25	14°41	11°56	1° 1	9°26	2°56	23°55	23°46	25° 9	29° 4	n.a.	T 14
W15	7 17 1	20°42'44	4♒ 7	24°44	4°40	14°25	12°10	0°56	9°26	2°58	23°53	23°36	25° 6	29°11	n.a.	W15
T 16	7 20 57	21°43'20	16°50	25°49	5°55	14° 7	12°25	0°52	9°26	3° 0	23°52	23°28	25° 3	29°18	n.a.	T 16
F 17	7 24 54	22°43'55	29°43	26°57	7°10	13°50	12°39	0°47	9°27	3° 2	23°51	23°22	24°59	29°24	n.a.	F 17
S 18	7 28 50	23°44'28	12♓47	28° 7	8°25	13°31	12°53	0°43	9°R27	3° 5	23°50	23°20	24°56	29°31	n.a.	S 18
S 19	7 32 47	24°44'58	26° 3	29°18	9°39	13°12	13° 7	0°39	9°27	3° 7	23°49	23°D19	24°53	29°38	n.a.	S 19
M20	7 36 43	25°45'27	9♈33	0♉32	10°54	12°53	13°21	0°35	9°26	3° 9	23°48	23°20	24°50	29°45	n.a.	M20
T 21	7 40 40	26°45'54	23°17	1°47	12° 9	12°32	13°36	0°30	9°26	3°11	23°47	23°R21	24°47	29°51	n.a.	T 21
W22	7 44 36	27°46'19	7♉18	3° 4	13°24	12°12	13°50	0°26	9°26	3°14	23°46	23°20	24°43	29°58	n.a.	W22
T 23	7 48 33	28°46'41	21°33	4°22	14°38	11°51	14° 4	0°22	9°26	3°16	23°45	23°18	24°40	0♐ 5	n.a.	T 23
F 24	7 52 30	29°47'02	6♊ 2	5°42	15°53	11°29	14°18	0°18	9°26	3°18	23°44	23°13	24°37	0°11	n.a.	F 24
S 25	7 56 26	0♒47'20	20°40	7° 3	17° 8	11° 7	14°32	0°14	9°25	3°21	23°43	23° 7	24°34	0°18	n.a.	S 25
S 26	8 0 23	1°47'37	5♋22	8°26	18°22	10°45	14°46	0°11	9°25	3°23	23°42	22°59	24°31	0°25	n.a.	S 26
M27	8 4 19	2°47'51	20° 0	9°50	19°37	10°22	15° 0	0° 7	9°24	3°25	23°41	22°51	24°28	0°32	n.a.	M27
T 28	8 8 16	3°48'03	4♌26	11°15	20°51	9°59	15°14	0° 3	9°24	3°27	23°40	22°43	24°24	0°38	n.a.	T 28
W29	8 12 12	4°48'14	18°34	12°41	22° 6	9°36	15°28	29♊59	9°23	3°30	23°39	22°37	24°21	0°45	n.a.	W29
T 30	8 16 9	5°48'22	2♍20	14° 9	23°20	9°13	15°42	29°56	9°23	3°32	23°38	22°33	24°18	0°52	n.a.	T 30
F 31	8 20 5	6♒48'29	15♍42	15♉37	24♒35	8♌49	15♉55	29♊53	9♎22	3♒34	23♊37	22♍31	24♍15	0♐58	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23s34	14n22	3s31	19s59	2n59	23s56	1s20	19n37	3n55	23s53	0s27	23n40	0s 3	3s 8	0n39	20s23	0s33	25n10	1n34	1n59	1n40	15s27			n.a.
T 2	23 31	11 5	2 33	20 8	2 50	23 47	1 21	19 41	3 57	23 52	0 27	23 40	0 3	3 9	0 39	20 23	0 33	25 10	1 34	2 1	1 42	15 28			n.a.
F 3	23 27	7 20	1 29	20 19	2 40	23 37	1 22	19 46	4 0	23 51	0 27	23 40	0 3	3 9	0 39	20 22	0 33	25 10	1 34	2 3	1 43	15 29			n.a.
S 4	23 23	3 21	0 21	20 31	2 30	23 27	1 23	19 50	4 2	23 50	0 27	23 40	0 3	3 9	0 39	20 22	0 33	25 10	1 34	2 3	1 44	15 30			n.a.
S 5	23 18	0s40	0n45	20 44	2 20	23 15	1 24	19 55	4 4	23 49	0 27	23 40	0 3	3 10	0 39	20 21	0 33	25 10	1 34	2 3	1 46	15 31			n.a.
M 6	23 13	4 33	1 47	20 57	2 9	23 4	1 25	20 0	4 6	23 48	0 27	23 41	0 2	3 10	0 39	20 21	0 33	25 10	1 34	2 3	1 47	15 32			n.a.
T 7	23 7	8 11	2 44	21 11	1 59	22 51	1 26	20 5	4 8	23 47	0 28	23 41	0 2	3 10	0 39	20 20	0 33	25 10	1 34	2 4	1 48	15 33			n.a.
W 8	23 1	11 26	3 33	21 25	1 48	22 38	1 26	20 10	4 10	23 46	0 28	23 41	0 2	3 10	0 39	20 20	0 33	25 10	1 34	2 5	1 49	15 34			n.a.
T 9	22 55	14 13	4 13	21 39	1 38	22 24	1 27	20 16	4 12	23 45	0 28	23 41	0 2	3 11	0 39	20 19	0 33	25 10	1 34	2 7	1 51	15 35			n.a.
F 10	22 48	16 25	4 41	21 54	1 27	22 9	1 27	20 22	4 14	23 44	0 28	23 41	0 2	3 11	0 39	20 19	0 33	25 10	1 34	2 11	1 52	15 37			n.a.
S 11	22 40	17 56	4 58	22 8	1 17	21 54	1 28	20 28	4 16	23 43	0 28	23 41	0 2	3 11	0 39	20 18	0 33	25 10	1 35	2 15	1 53	15 38			n.a.
S 12	22 33	18 40	5 2	22 22	1 6	21 38	1 28	20 34	4 18	23 42	0 28	23 42	0 2	3 11	0 39	20 18	0 33	25 10	1 35	2 20	1 54	15 39			n.a.
M13	22 24	18 33	4 52	22 35	0 56	21 21	1 29	20 40	4 19	23 40	0 28	23 42	0 2	3 11	0 39	20 17	0 33	25 10	1 35	2 25	1 56	15 40			n.a.
T 14	22 16	17 34	4 28	22 49	0 46	21 4	1 29	20 47	4 21	23 39	0 28	23 42	0 1	3 11	0 39	20 17	0 33	25 10	1 35	2 30	1 57	15 41			n.a.
W15	22 7	15 43	3 51	23 1	0 36	20 46	1 29	20 53	4 23	23 38	0 28	23 42	0 1	3 11	0 39	20 16	0 33	25 10	1 35	2 34	1 58	15 42			n.a.
T 16	21 57	13 6	3 2	23 13	0 26	20 28	1 29	21 0	4 24	23 37	0 29	23 42	0 1	3 11	0 39	20 16	0 33	25 10	1 35	2 38	2 0	15 43			n.a.
F 17	21 47	9 48	2 3	23 25	0 17	20 9	1 30	21 7	4 26	23 36	0 29	23 42	0 1	3 11	0 39	20 15	0 33	25 10	1 35	2 40	2 1	15 44			n.a.
S 18	21 37	5 59	0 56	23 35	0 8	19 49	1 30	21 13	4 27	23 34	0 29	23 43	0 1	3 11	0 39	20 15	0 33	25 10	1 35	2 41	2 2	15 45			n.a.
S 19	21 26	1 49	0s15	23 45	0s 1	19 29	1 30	21 20	4 29	23 33	0 29	23 43	0 1	3 11	0 39	20 14	0 33	25 10	1 35	2 41	2 3	15 46			n.a.
M20	21 15	2n31	1 26	23 54	0 10	19 8	1 30	21 27	4 30	23 32	0 29	23 43	0 1	3 11	0 39	20 14	0 33	25 10	1 35	2 41	2 5	15 47			n.a.
T 21	21 3	6 47	2 33	24 1	0 19	18 47	1 29	21 34	4 31	23 30	0 29	23 43	0 1	3 11	0 39	20 13	0 33	25 10	1 35	2 40	2 6	15 48			n.a.
W22	20 51	10 45	3 33	24 8	0 27	18 25	1 29	21 41	4 32	23 29	0 29	23 43	0 1	3 11	0 39	20 12	0 33	25 10	1 35	2 41	2 7	15 49			n.a.
T 23	20 39	14 10	4 21	24 14	0 35	18 3	1 29	21 48	4 33	23 28	0 29	23 43	0 1	3 11	0 39	20 12	0 33	25 10	1 35	2 41	2 8	15 50			n.a.
F 24	20 26	16 46	4 53	24 19	0 42	17 40	1 29	21 55	4 34	23 26	0 29	23 43	0 0	3 11	0 39	20 11	0 33	25 10	1 35	2 43	2 10	15 51			n.a.
S 25	20 13	18 19	5 6	24 22	0 50	17 17	1 28	22 2	4 35	23 25	0 30	23 43	0 0	3 10	0 39	20 11	0 33	25 10	1 35	2 46	2 11	15 52			n.a.
S 26	20 0	18 38	4 59	24 24	0 57	16 54	1 28	22 9	4 35	23 23	0 30	23 44	0 0	3 10	0 39	20 10	0 33	25 10	1 35	2 49	2 12	15 53			n.a.
M27	19 46	17 43	4 33	24 25	1 4	16 29	1 27	22 16	4 36	23 22	0 30	23 44	0 0	3 10	0 39	20 10	0 33	25 10	1 35	2 52	2 14	15 54			n.a.
T 28	19 32	15 40	3 49	24 25	1 10	16 5	1 26	22 23	4 37	23 21	0 30	23 44	0n 0	3 10	0 39	20 9	0 33	25 10	1 35	2 55	2 15	15 55			n.a.
W29	19 18	12 43	2 52	24 23	1 17	15 40	1 26	22 30	4 37	23 19	0 30	23 44	0 0	3 10	0 40	20 9	0 33	25 10	1 35	2 58	2 16	15 56			n.a.
T 30	19 3	9 7	1 47	24 20	1 22	15 14	1 25	22 37	4 37	23 18	0 30	23 44	0 0	3 9	0 40	20 8	0 33	25 10	1 35	3 0	2 17	15 57			n.a.
F 31	18s48	5n 9	0s37	24s16	1s28	14s48	1s24	22n43	4n37	23s16	0s30	23n44	0n 0	3s 9	0n40	20s 8	0s33	25n10	1n35	3n 0	2n19	15s58			n.a.

Julian Day Number = 1614404.5, Delta T = 03h51m19s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'59, Lahiri = - 7°59'59 Julian Calendar 1 Jan. 293 BCE == Greg. Calendar 28 Dec. 294 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

FEBRUARY 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 2	7♒48'34	28♍39	17♑ 7	25♒49	8°R26	16♑ 9	29°R49	9°R21	3♒36	23°R36	22°D31	24♍12	1♐ 5	n.a.	S 1
S 2	8 27 59	8°48'37	11♎14	18°38	27° 3	8♌ 2	16°23	29♊46	9♎21	3°39	23♊35	22♍32	24° 9	1°12	n.a.	S 2
M 3	8 31 55	9°48'38	23°31	20°10	28°18	7°38	16°37	29°43	9°20	3°41	23°34	22°33	24° 5	1°19	n.a.	M 3
T 4	8 35 52	10°48'38	5♏34	21°44	29°32	7°15	16°50	29°40	9°19	3°43	23°33	22°R35	24° 2	1°25	n.a.	T 4
W 5	8 39 48	11°48'36	17°29	23°18	0♓47	6°51	17° 4	29°37	9°18	3°46	23°32	22°34	23°59	1°32	n.a.	W 5
T 6	8 43 45	12°48'32	29°20	24°54	2° 1	6°28	17°18	29°34	9°17	3°48	23°32	22°33	23°56	1°39	n.a.	T 6
F 7	8 47 41	13°48'27	11♐13	26°30	3°15	6° 4	17°31	29°31	9°16	3°50	23°31	22°29	23°53	1°45	n.a.	F 7
S 8	8 51 38	14°48'19	23°11	28° 8	4°29	5°41	17°45	29°28	9°15	3°52	23°30	22°25	23°49	1°52	n.a.	S 8
S 9	8 55 34	15°48'10	5♑18	29°47	5°44	5°18	17°58	29°25	9°14	3°55	23°29	22°18	23°46	1°59	n.a.	S 9
M10	8 59 31	16°47'59	17°37	1♒27	6°58	4°56	18°12	29°23	9°13	3°57	23°29	22°12	23°43	2° 6	n.a.	M10
T 11	9 3 27	17°47'46	0♒10	3° 9	8°12	4°34	18°25	29°20	9°11	3°59	23°28	22° 6	23°40	2°12	n.a.	T 11
W12	9 7 24	18°47'31	12°58	4°51	9°26	4°12	18°38	29°18	9°10	4° 1	23°27	22° 0	23°37	2°19	n.a.	W12
T 13	9 11 21	19°47'13	26° 0	6°35	10°40	3°50	18°52	29°16	9° 9	4° 3	23°27	21°56	23°34	2°26	n.a.	T 13
F 14	9 15 17	20°46'54	9♓15	8°20	11°54	3°29	19° 5	29°14	9° 7	4° 6	23°26	21°54	23°30	2°32	n.a.	F 14
S 15	9 19 14	21°46'32	22°43	10° 6	13° 8	3° 9	19°18	29°12	9° 6	4° 8	23°25	21°D53	23°27	2°39	n.a.	S 15
S 16	9 23 10	22°46'08	6♈22	11°53	14°22	2°49	19°31	29°10	9° 5	4°10	23°25	21°54	23°24	2°46	n.a.	S 16
M17	9 27 7	23°45'42	20°11	13°42	15°36	2°29	19°44	29° 8	9° 3	4°12	23°24	21°55	23°21	2°53	n.a.	M17
T 18	9 31 3	24°45'13	4♉ 8	15°32	16°50	2°10	19°57	29° 6	9° 1	4°14	23°24	21°57	23°18	2°59	n.a.	T 18
W19	9 35 0	25°44'42	18°13	17°23	18° 4	1°52	20°10	29° 4	9° 0	4°17	23°23	21°58	23°15	3° 6	n.a.	W19
T 20	9 38 56	26°44'09	2♊23	19°15	19°17	1°35	20°23	29° 3	8°58	4°19	23°23	21°R58	23°11	3°13	n.a.	T 20
F 21	9 42 53	27°43'33	16°38	21° 9	20°31	1°18	20°36	29° 1	8°57	4°21	23°22	21°57	23° 8	3°19	n.a.	F 21
S 22	9 46 50	28°42'54	0♋54	23° 4	21°45	1° 1	20°49	29° 0	8°55	4°23	23°22	21°55	23° 5	3°26	n.a.	S 22
S 23	9 50 46	29°42'13	15° 8	25° 0	22°59	0°46	21° 2	28°59	8°53	4°25	23°21	21°52	23° 2	3°33	n.a.	S 23
M24	9 54 43	0♓41'30	29°16	26°57	24°12	0°31	21°14	28°58	8°51	4°27	23°21	21°49	22°59	3°40	n.a.	M24
T 25	9 58 39	1°40'45	13♌14	28°55	25°26	0°17	21°27	28°57	8°50	4°29	23°21	21°46	22°55	3°46	n.a.	T 25
W26	10 2 36	2°39'57	26°58	0♓55	26°39	0° 3	21°39	28°56	8°48	4°31	23°20	21°44	22°52	3°53	n.a.	W26
T 27	10 6 32	3°39'07	10♍26	2°56	27°53	29♋51	21°52	28°55	8°46	4°33	23°20	21°43	22°49	4° 0	n.a.	T 27
F 28	10 10 29	4°38'15	23°36	4°57	29° 6	29°39	22° 4	28°55	8°44	4°35	23°20	21°D42	22°46	4° 6	n.a.	F 28
S 29	10 14 25	5♓37'20	6♎26	6♓59	0♈20	29♋28	22♑16	28♊54	8♎42	4♒37	23♊19	21♍43	22♍43	4♐13	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s32	1n 3	0n33	24s10	1s33	14s22	1s23	22n50	4n37	23s14	0s30	23n44	0n 0	3s 9	0n40	20s 7	0s33	25n10	1n35	3n 0	2n20	15s59		n.a.
S 2	18 16	2s58	1 40	24 2	1 38	13 56	1 22	22 56	4 37	23 13	0 31	23 44	0 1	3 8	0 40	20 7	0 33	25 10	1 36	3 0	2 21	16 0		n.a.
M 3	18 0	6 46	2 40	23 53	1 43	13 29	1 21	23 2	4 37	23 11	0 31	23 44	0 1	3 8	0 40	20 6	0 33	25 10	1 36	2 59	2 22	16 1		n.a.
T 4	17 44	10 12	3 32	23 43	1 47	13 1	1 20	23 8	4 37	23 10	0 31	23 44	0 1	3 8	0 40	20 6	0 33	25 10	1 36	2 59	2 24	16 2		n.a.
W 5	17 27	13 11	4 14	23 31	1 51	12 34	1 19	23 14	4 37	23 8	0 31	23 45	0 1	3 7	0 40	20 5	0 33	25 10	1 36	2 59	2 25	16 3		n.a.
T 6	17 10	15 36	4 45	23 17	1 54	12 6	1 18	23 20	4 36	23 7	0 31	23 45	0 1	3 7	0 40	20 5	0 33	25 10	1 36	2 59	2 26	16 4		n.a.
F 7	16 53	17 22	5 4	23 2	1 57	11 37	1 17	23 25	4 36	23 5	0 31	23 45	0 1	3 6	0 40	20 4	0 33	25 10	1 36	3 1	2 28	16 5		n.a.
S 8	16 35	18 23	5 10	22 45	2 0	11 9	1 15	23 31	4 35	23 3	0 31	23 45	0 1	3 6	0 40	20 4	0 33	25 10	1 36	3 3	2 29	16 6		n.a.
S 9	16 17	18 35	5 2	22 26	2 2	10 40	1 14	23 36	4 34	23 2	0 32	23 45	0 1	3 5	0 40	20 3	0 33	25 10	1 36	3 5	2 30	16 7		n.a.
M10	15 59	17 55	4 41	22 6	2 4	10 11	1 12	23 40	4 33	23 0	0 32	23 45	0 1	3 5	0 40	20 2	0 33	25 10	1 36	3 8	2 31	16 8		n.a.
T 11	15 41	16 22	4 5	21 44	2 6	9 41	1 11	23 45	4 32	22 58	0 32	23 45	0 2	3 4	0 40	20 2	0 33	25 10	1 36	3 10	2 33	16 9		n.a.
W12	15 22	13 59	3 16	21 20	2 7	9 12	1 9	23 49	4 31	22 56	0 32	23 45	0 2	3 4	0 40	20 1	0 33	25 10	1 36	3 13	2 34	16 10		n.a.
T 13	15 3	10 52	2 17	20 54	2 7	8 42	1 8	23 53	4 30	22 55	0 32	23 45	0 2	3 3	0 40	20 1	0 33	25 10	1 36	3 14	2 35	16 11		n.a.
F 14	14 44	7 8	1 9	20 27	2 7	8 12	1 6	23 57	4 28	22 53	0 32	23 45	0 2	3 3	0 40	20 0	0 33	25 10	1 36	3 15	2 36	16 12		n.a.
S 15	14 25	3 0	0s 5	19 58	2 7	7 41	1 4	24 1	4 27	22 51	0 32	23 46	0 2	3 2	0 40	20 0	0 34	25 10	1 36	3 15	2 38	16 13		n.a.
S 16	14 5	1n21	1 19	19 27	2 6	7 11	1 2	24 4	4 25	22 49	0 33	23 46	0 2	3 2	0 40	19 59	0 34	25 10	1 36	3 15	2 39	16 14		n.a.
M17	13 46	5 41	2 29	18 54	2 5	6 40	1 1	24 7	4 24	22 48	0 33	23 46	0 2	3 1	0 40	19 59	0 34	25 10	1 36	3 14	2 40	16 15		n.a.
T 18	13 26	9 44	3 31	18 20	2 3	6 9	0 59	24 10	4 22	22 46	0 33	23 46	0 2	3 0	0 40	19 58	0 34	25 10	1 36	3 14	2 42	16 16		n.a.
W19	13 5	13 16	4 21	17 44	2 1	5 39	0 57	24 13	4 21	22 44	0 33	23 46	0 2	3 0	0 40	19 58	0 34	25 10	1 36	3 13	2 43	16 17		n.a.
T 20	12 45	16 3	4 56	17 6	1 58	5 7	0 55	24 15	4 19	22 42	0 33	23 46	0 2	2 59	0 40	19 57	0 34	25 10	1 36	3 13	2 44	16 18		n.a.
F 21	12 24	17 52	5 13	16 26	1 55	4 36	0 52	24 17	4 17	22 41	0 33	23 46	0 3	2 58	0 40	19 57	0 34	25 10	1 36	3 14	2 45	16 19		n.a.
S 22	12 4	18 33	5 10	15 44	1 51	4 5	0 50	24 19	4 15	22 39	0 33	23 46	0 3	2 58	0 40	19 56	0 34	25 10	1 36	3 15	2 47	16 20		n.a.
S 23	11 43	18 4	4 49	15 1	1 46	3 33	0 48	24 20	4 13	22 37	0 34	23 46	0 3	2 57	0 40	19 56	0 34	25 10	1 36	3 16	2 48	16 21		n.a.
M24	11 22	16 29	4 10	14 16	1 41	3 2	0 46	24 22	4 11	22 35	0 34	23 46	0 3	2 56	0 40	19 55	0 34	25 10	1 36	3 17	2 49	16 22		n.a.
T 25	11 0	13 55	3 16	13 29	1 36	2 30	0 44	24 23	4 9	22 33	0 34	23 46	0 3	2 56	0 40	19 55	0 34	25 10	1 36	3 18	2 50	16 23		n.a.
W26	10 39	10 36	2 12	12 41	1 30	1 59	0 41	24 24	4 7	22 31	0 34	23 47	0 3	2 55	0 40	19 54	0 34	25 10	1 36	3 19	2 52	16 24		n.a.
T 27	10 17	6 47	1 2	11 51	1 23	1 27	0 39	24 24	4 5	22 30	0 34	23 47	0 3	2 54	0 40	19 54	0 34	25 10	1 36	3 20	2 53	16 25		n.a.
F 28	9 56	2 44	0n10	10 59	1 16	0 55	0 37	24 25	4 2	22 28	0 34	23 47	0 3	2 53	0 40	19 54	0 34	25 10	1 36	3 20	2 54	16 26		n.a.
S 29	9s34	1s21	1n21	10s 6	1s 8	0s23	0s34	24n25	4n 0	22s26	0s35	23n47	0n 3	2s52	0n40	19s53	0s34	25n10	1n36	3n19	2n56	16s27		n.a.

Julian Day Number = 1614435.5, Delta T = 03h51m18s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'55, Lahiri = - 7°59'54 Julian Calendar 1 Feb. 293 BCE == Greg. Calendar 28 Jan. 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

MARCH 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 18 22	6♓36'24	18♎59	9♓ 3	1♈33	29°R18	22♑29	28°R54	8°R40	4♒39	23°R19	21♍44	22♍40	4♐20	n.a.	S 1
M 2	10 22 18	7°35'26	1♏17	11° 6	2°46	29♋ 8	22°41	28♊53	8♎38	4°41	23♊19	21°45	22°36	4°27	n.a.	M 2
T 3	10 26 15	8°34'26	13°22	13°10	4° 0	28°59	22°53	28°53	8°36	4°43	23°19	21°46	22°33	4°33	n.a.	T 3
W 4	10 30 12	9°33'24	25°19	15°14	5°13	28°51	23° 5	28°53	8°34	4°45	23°18	21°47	22°30	4°40	n.a.	W 4
T 5	10 34 8	10°32'20	7♐12	17°18	6°26	28°44	23°17	28°D53	8°32	4°47	23°18	21°R48	22°27	4°47	n.a.	T 5
F 6	10 38 5	11°31'14	19° 6	19°22	7°39	28°38	23°29	28°53	8°30	4°49	23°18	21°48	22°24	4°53	n.a.	F 6
S 7	10 42 1	12°30'07	1♑ 5	21°25	8°52	28°32	23°40	28°53	8°27	4°51	23°18	21°47	22°20	5° 0	n.a.	S 7
S 8	10 45 58	13°28'57	13°14	23°26	10° 5	28°27	23°52	28°53	8°25	4°53	23°18	21°46	22°17	5° 7	n.a.	S 8
M 9	10 49 54	14°27'46	25°37	25°27	11°19	28°23	24° 4	28°54	8°23	4°55	23°18	21°45	22°14	5°14	n.a.	M 9
T 10	10 53 51	15°26'33	8♒16	27°26	12°31	28°20	24°15	28°54	8°21	4°57	23°18	21°44	22°11	5°20	n.a.	T 10
W11	10 57 47	16°25'18	21°15	29°22	13°44	28°17	24°26	28°55	8°18	4°59	23°D18	21°44	22° 8	5°27	n.a.	W11
T 12	11 1 44	17°24'01	4♓32	1♈17	14°57	28°16	24°38	28°56	8°16	5° 0	23°18	21°43	22° 5	5°34	n.a.	T 12
F 13	11 5 41	18°22'42	18° 9	3° 8	16°10	28°15	24°49	28°57	8°14	5° 2	23°18	21°D43	22° 1	5°40	n.a.	F 13
S 14	11 9 37	19°21'21	2♈ 2	4°56	17°23	28°D15	25° 0	28°58	8°11	5° 4	23°18	21°43	21°58	5°47	n.a.	S 14
S 15	11 13 34	20°19'57	16° 9	6°41	18°36	28°15	25°11	28°59	8° 9	5° 6	23°18	21°43	21°55	5°54	n.a.	S 15
M16	11 17 30	21°18'32	0♉25	8°22	19°48	28°16	25°22	29° 0	8° 7	5° 7	23°18	21°R43	21°52	6° 1	n.a.	M16
T 17	11 21 27	22°17'04	14°46	10° 0	21° 1	28°18	25°33	29° 1	8° 4	5° 9	23°18	21°43	21°49	6° 7	n.a.	T 17
W18	11 25 23	23°15'34	29° 8	11°33	22°13	28°21	25°44	29° 3	8° 2	5°11	23°19	21°43	21°46	6°14	n.a.	W18
T 19	11 29 20	24°14'02	13♊27	13° 2	23°26	28°25	25°54	29° 4	7°59	5°12	23°19	21°43	21°42	6°21	n.a.	T 19
F 20	11 33 16	25°12'28	27°39	14°26	24°38	28°29	26° 5	29° 6	7°57	5°14	23°19	21°D43	21°39	6°27	n.a.	F 20
S 21	11 37 13	26°10'51	11♋44	15°45	25°51	28°34	26°15	29° 8	7°55	5°16	23°19	21°43	21°36	6°34	n.a.	S 21
S 22	11 41 9	27° 9'12	25°38	17° 0	27° 3	28°39	26°25	29° 9	7°52	5°17	23°19	21°44	21°33	6°41	n.a.	S 22
M23	11 45 6	28° 7'31	9♌21	18°10	28°15	28°45	26°36	29°11	7°50	5°19	23°20	21°44	21°30	6°48	n.a.	M23
T 24	11 49 3	29° 5'48	22°51	19°14	29°28	28°52	26°46	29°13	7°47	5°20	23°20	21°45	21°26	6°54	n.a.	T 24
W25	11 52 59	0♈ 4'03	6♍ 9	20°14	0♉40	29° 0	26°56	29°16	7°45	5°22	23°20	21°45	21°23	7° 1	n.a.	W25
T 26	11 56 56	1° 2'15	19°13	21° 8	1°52	29° 8	27° 5	29°18	7°42	5°23	23°21	21°R46	21°20	7° 8	n.a.	T 26
F 27	12 0 52	2° 0'26	2♎ 3	21°57	3° 4	29°17	27°15	29°20	7°40	5°25	23°21	21°46	21°17	7°15	n.a.	F 27
S 28	12 4 49	2°58'35	14°40	22°41	4°16	29°26	27°25	29°23	7°37	5°26	23°22	21°45	21°14	7°21	n.a.	S 28
S 29	12 8 45	3°56'42	27° 4	23°19	5°28	29°36	27°34	29°25	7°35	5°28	23°22	21°44	21°11	7°28	n.a.	S 29
M30	12 12 42	4°54'47	9♏17	23°52	6°40	29°46	27°44	29°28	7°32	5°29	23°23	21°42	21° 7	7°35	n.a.	M30
T 31	12 16 38	5♈52'51	21♏20	24♈19	7♉51	29♋58	27♑53	29♊30	7♎29	5♒30	23♊23	21♍40	21♍ 4	7♐41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	9s12	5s17	2n25	9s12	1s 0	0n 9	0s32	24n25	3n58	22s24	0s35	23n47	0n 3	2s52	0n40	19s53	0s34	25n10	1n36	3n19	2n57	16s28			n.a.
M 2	8 49	8 55	3 22	8 16	0 51	0 40	0 29	24 25	3 55	22 22	0 35	23 47	0 4	2 51	0 40	19 52	0 34	25 10	1 36	3 19	2 58	16 29			n.a.
T 3	8 27	12 6	4 8	7 20	0 42	1 12	0 26	24 24	3 53	22 20	0 35	23 47	0 4	2 50	0 40	19 52	0 34	25 10	1 36	3 18	2 59	16 30			n.a.
W 4	8 5	14 44	4 44	6 22	0 32	1 44	0 24	24 24	3 51	22 18	0 35	23 47	0 4	2 49	0 40	19 51	0 34	25 10	1 36	3 18	3 1	16 31			n.a.
T 5	7 42	16 44	5 6	5 24	0 21	2 16	0 21	24 23	3 48	22 17	0 35	23 47	0 4	2 48	0 40	19 51	0 34	25 10	1 37	3 18	3 2	16 32			n.a.
F 6	7 20	18 1	5 16	4 25	0 11	2 47	0 19	24 22	3 46	22 15	0 36	23 47	0 4	2 47	0 40	19 50	0 34	25 10	1 37	3 18	3 3	16 32			n.a.
S 7	6 57	18 31	5 12	3 27	0n 0	3 19	0 16	24 21	3 43	22 13	0 36	23 47	0 4	2 47	0 40	19 50	0 34	25 10	1 37	3 18	3 4	16 33			n.a.
S 8	6 34	18 10	4 55	2 28	0 11	3 51	0 13	24 19	3 41	22 11	0 36	23 48	0 4	2 46	0 40	19 49	0 34	25 10	1 37	3 18	3 6	16 34			n.a.
M 9	6 11	16 58	4 23	1 29	0 23	4 22	0 10	24 18	3 39	22 9	0 36	23 48	0 4	2 45	0 40	19 49	0 34	25 10	1 37	3 18	3 7	16 35			n.a.
T 10	5 48	14 54	3 38	0 31	0 34	4 53	0 8	24 16	3 36	22 7	0 36	23 48	0 4	2 44	0 40	19 49	0 34	25 10	1 37	3 19	3 8	16 36			n.a.
W11	5 25	12 3	2 41	0n27	0 46	5 25	0 5	24 14	3 34	22 5	0 37	23 48	0 4	2 43	0 40	19 48	0 34	25 10	1 37	3 19	3 10	16 37			n.a.
T 12	5 2	8 30	1 34	1 24	0 58	5 56	0 2	24 12	3 31	22 3	0 37	23 48	0 5	2 42	0 40	19 48	0 34	25 10	1 37	3 19	3 11	16 38			n.a.
F 13	4 39	4 26	0 20	2 19	1 9	6 27	0n 1	24 10	3 29	22 2	0 37	23 48	0 5	2 41	0 40	19 47	0 34	25 10	1 37	3 19	3 12	16 39			n.a.
S 14	4 16	0 3	0s57	3 13	1 21	6 58	0 4	24 8	3 26	22 0	0 37	23 48	0 5	2 40	0 40	19 47	0 34	25 10	1 37	3 19	3 13	16 40			n.a.
S 15	3 52	4n24	2 11	4 5	1 32	7 29	0 7	24 5	3 24	21 58	0 37	23 48	0 5	2 39	0 40	19 46	0 34	25 10	1 37	3 19	3 15	16 41			n.a.
M16	3 29	8 39	3 19	4 55	1 42	7 59	0 10	24 2	3 21	21 56	0 37	23 48	0 5	2 38	0 40	19 46	0 34	25 10	1 37	3 19	3 16	16 42			n.a.
T 17	3 6	12 25	4 14	5 44	1 53	8 29	0 13	24 0	3 19	21 54	0 38	23 48	0 5	2 37	0 40	19 46	0 34	25 10	1 37	3 19	3 17	16 43			n.a.
W18	2 42	15 26	4 53	6 30	2 2	9 0	0 16	23 57	3 16	21 52	0 38	23 49	0 5	2 36	0 40	19 45	0 34	25 10	1 37	3 19	3 18	16 43			n.a.
T 19	2 19	17 30	5 14	7 13	2 11	9 30	0 18	23 53	3 14	21 51	0 38	23 49	0 5	2 35	0 40	19 45	0 34	25 10	1 37	3 19	3 20	16 44			n.a.
F 20	1 56	18 27	5 15	7 54	2 20	9 59	0 21	23 50	3 11	21 49	0 38	23 49	0 5	2 34	0 40	19 45	0 34	25 10	1 37	3 19	3 21	16 45			n.a.
S 21	1 32	18 15	4 58	8 33	2 28	10 29	0 24	23 47	3 9	21 47	0 38	23 49	0 5	2 33	0 40	19 44	0 34	25 10	1 37	3 19	3 22	16 46			n.a.
S 22	1 9	16 57	4 23	9 8	2 35	10 58	0 27	23 43	3 7	21 45	0 39	23 49	0 5	2 32	0 40	19 44	0 34	25 10	1 37	3 19	3 23	16 47			n.a.
M23	0 45	14 42	3 34	9 41	2 41	11 27	0 30	23 40	3 4	21 43	0 39	23 49	0 6	2 31	0 40	19 43	0 34	25 10	1 37	3 19	3 25	16 48			n.a.
T 24	0 22	11 39	2 33	10 11	2 47	11 56	0 33	23 36	3 2	21 42	0 39	23 49	0 6	2 30	0 40	19 43	0 34	25 10	1 37	3 19	3 26	16 49			n.a.
W25	0n 2	8 3	1 25	10 38	2 51	12 24	0 36	23 32	3 0	21 40	0 39	23 49	0 6	2 29	0 40	19 43	0 34	25 10	1 37	3 18	3 27	16 50			n.a.
T 26	0 25	4 6	0 14	11 2	2 55	12 53	0 39	23 28	2 57	21 38	0 39	23 49	0 6	2 28	0 40	19 42	0 34	25 10	1 37	3 18	3 29	16 51			n.a.
F 27	0 48	0 2	0n57	11 23	2 57	13 21	0 42	23 24	2 55	21 37	0 40	23 49	0 6	2 27	0 40	19 42	0 34	25 11	1 37	3 18	3 30	16 51			n.a.
S 28	1 12	3s57	2 3	11 41	2 59	13 48	0 45	23 20	2 53	21 35	0 40	23 50	0 6	2 26	0 40	19 42	0 34	25 11	1 37	3 19	3 31	16 52			n.a.
S 29	1 35	7 42	3 3	11 56	2 59	14 15	0 48	23 15	2 50	21 33	0 40	23 50	0 6	2 25	0 40	19 41	0 34	25 11	1 37	3 19	3 32	16 53			n.a.
M30	1 59	11 4	3 53	12 8	2 59	14 42	0 51	23 11	2 48	21 31	0 40	23 50	0 6	2 24	0 40	19 41	0 35	25 11	1 37	3 20	3 34	16 54			n.a.
T 31	2n22	13s56	4n33	12n16	2n57	15n 9	0n54	23n 6	2n46	21s30	0s40	23n50	0n 6	2s23	0n40	19s41	0s35	25n11	1n37	3n21	3n35	16s55			n.a.

Julian Day Number = 1614464.5, Delta T = 03h51m17s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'51, Lahiri = - 7°59'50 Julian Calendar 1 March 293 BCE == Greg. Calendar 26 Feb. 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

APRIL 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 20 35	6♈50'53	3♐17	24♈41	9♉ 3	0♌ 9	28♑ 2	29♊33	7°R27	5♒32	23♊24	21°R38	21♍ 1	7♐48	n.a.	W 1
T 2	12 24 32	7°48'53	15°10	24°57	10°15	0°21	28°11	29°36	7♎24	5°33	23°24	21♍36	20°58	7°55	n.a.	T 2
F 3	12 28 28	8°46'53	27° 3	25° 8	11°26	0°34	28°20	29°39	7°22	5°34	23°25	21°35	20°55	8° 2	n.a.	F 3
S 4	12 32 25	9°44'50	9♑ 2	25°14	12°38	0°48	28°29	29°42	7°19	5°35	23°25	21°D34	20°52	8° 8	n.a.	S 4
S 5	12 36 21	10°42'47	21°10	25°R14	13°49	1° 1	28°38	29°46	7°17	5°37	23°26	21°35	20°48	8°15	n.a.	S 5
M 6	12 40 18	11°40'41	3♒31	25°10	15° 1	1°16	28°46	29°49	7°14	5°38	23°26	21°36	20°45	8°22	n.a.	M 6
T 7	12 44 14	12°38'35	16°11	25° 0	16°12	1°31	28°55	29°52	7°12	5°39	23°27	21°37	20°42	8°28	n.a.	T 7
W 8	12 48 11	13°36'27	29°13	24°46	17°23	1°46	29° 3	29°56	7° 9	5°40	23°28	21°38	20°39	8°35	n.a.	W 8
T 9	12 52 7	14°34'18	12♓38	24°28	18°34	2° 2	29°11	29°59	7° 7	5°41	23°28	21°40	20°36	8°42	n.a.	T 9
F 10	12 56 4	15°32'07	26°28	24° 6	19°45	2°18	29°19	0♋ 3	7° 4	5°42	23°29	21°R40	20°32	8°49	n.a.	F 10
S 11	13 0 0	16°29'55	10♈40	23°40	20°56	2°35	29°27	0° 7	7° 2	5°43	23°30	21°39	20°29	8°55	n.a.	S 11
S 12	13 3 57	17°27'41	25°10	23°12	22° 7	2°52	29°35	0°11	6°59	5°44	23°31	21°36	20°26	9° 2	n.a.	S 12
M13	13 7 54	18°25'26	9♉54	22°41	23°18	3°10	29°42	0°15	6°57	5°45	23°32	21°33	20°23	9° 9	n.a.	M13
T 14	13 11 50	19°23'09	24°42	22° 8	24°29	3°28	29°50	0°19	6°54	5°46	23°32	21°29	20°20	9°15	n.a.	T 14
W15	13 15 47	20°20'50	9♊28	21°33	25°40	3°46	29°57	0°23	6°52	5°47	23°33	21°26	20°17	9°22	n.a.	W15
T 16	13 19 43	21°18'30	24° 4	20°58	26°51	4° 5	0♒ 4	0°27	6°49	5°48	23°34	21°23	20°13	9°29	n.a.	T 16
F 17	13 23 40	22°16'09	8♋26	20°23	28° 1	4°25	0°11	0°31	6°47	5°49	23°35	21°21	20°10	9°36	n.a.	F 17
S 18	13 27 36	23°13'45	22°30	19°48	29°12	4°45	0°18	0°36	6°44	5°50	23°36	21°D20	20° 7	9°42	n.a.	S 18
S 19	13 31 33	24°11'20	6♌16	19°14	0♊22	5° 5	0°24	0°40	6°42	5°51	23°37	21°20	20° 4	9°49	n.a.	S 19
M20	13 35 29	25° 8'54	19°44	18°42	1°32	5°25	0°31	0°45	6°40	5°51	23°38	21°22	20° 1	9°56	n.a.	M20
T 21	13 39 26	26° 6'25	2♍55	18°13	2°43	5°46	0°37	0°49	6°37	5°52	23°39	21°23	19°57	10° 3	n.a.	T 21
W22	13 43 23	27° 3'56	15°51	17°46	3°53	6° 8	0°44	0°54	6°35	5°53	23°40	21°R24	19°54	10° 9	n.a.	W22
T 23	13 47 19	28° 1'24	28°33	17°21	5° 3	6°29	0°50	0°59	6°33	5°53	23°41	21°24	19°51	10°16	n.a.	T 23
F 24	13 51 16	28°58'52	11♎ 5	17° 1	6°13	6°51	0°56	1° 4	6°30	5°54	23°42	21°22	19°48	10°23	n.a.	F 24
S 25	13 55 12	29°56'18	23°26	16°44	7°23	7°14	1° 1	1° 9	6°28	5°55	23°43	21°19	19°45	10°29	n.a.	S 25
S 26	13 59 9	0♉53'43	5♏38	16°31	8°32	7°37	1° 7	1°14	6°26	5°55	23°44	21°13	19°42	10°36	n.a.	S 26
M27	14 3 5	1°51'07	17°43	16°22	9°42	8° 0	1°12	1°19	6°24	5°56	23°45	21° 7	19°38	10°43	n.a.	M27
T 28	14 7 2	2°48'30	29°42	16°D18	10°52	8°23	1°18	1°24	6°21	5°56	23°46	20°59	19°35	10°50	n.a.	T 28
W29	14 10 58	3°45'52	11♐36	16°18	12° 1	8°47	1°23	1°29	6°19	5°57	23°47	20°52	19°32	10°56	n.a.	W29
T 30	14 14 55	4♉43'13	23♐29	16♈23	13♊11	9♌11	1♒28	1♋35	6♎17	5♒57	23♊48	20♍45	19♍29	11♐ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n45	16s10	5n 0	12n22	2n54	15n35	0n57	23n 1	2n43	21s28	0s41	23n50	0n 6	2s22	0n40	19s40	0s35	25n11	1n37	3n22	3n36	16s56		n.a.
T 2	3 8	17 42	5 14	12 24	2 50	16 1	1 0	22 56	2 41	21 26	0 41	23 50	0 6	2 21	0 40	19 40	0 35	25 11	1 37	3 22	3 37	16 57		n.a.
F 3	3 31	18 28	5 14	12 23	2 44	16 26	1 3	22 51	2 39	21 25	0 41	23 50	0 6	2 20	0 40	19 40	0 35	25 11	1 37	3 23	3 39	16 58		n.a.
S 4	3 54	18 25	5 1	12 19	2 38	16 51	1 6	22 46	2 37	21 23	0 41	23 50	0 7	2 19	0 40	19 40	0 35	25 11	1 37	3 23	3 40	16 58		n.a.
S 5	4 17	17 31	4 35	12 12	2 30	17 16	1 8	22 41	2 35	21 22	0 42	23 50	0 7	2 18	0 40	19 39	0 35	25 11	1 37	3 23	3 41	16 59		n.a.
M 6	4 40	15 48	3 55	12 2	2 21	17 40	1 11	22 36	2 32	21 20	0 42	23 50	0 7	2 17	0 40	19 39	0 35	25 11	1 37	3 22	3 42	17 0		n.a.
T 7	5 3	13 16	3 3	11 49	2 10	18 4	1 14	22 30	2 30	21 19	0 42	23 51	0 7	2 16	0 40	19 39	0 35	25 11	1 37	3 22	3 44	17 1		n.a.
W 8	5 26	10 0	2 1	11 33	1 59	18 27	1 17	22 25	2 28	21 17	0 42	23 51	0 7	2 15	0 40	19 39	0 35	25 11	1 37	3 21	3 45	17 2		n.a.
T 9	5 49	6 8	0 50	11 14	1 46	18 50	1 19	22 19	2 26	21 16	0 43	23 51	0 7	2 14	0 40	19 38	0 35	25 11	1 37	3 21	3 46	17 3		n.a.
F 10	6 11	1 50	0s26	10 54	1 33	19 12	1 22	22 13	2 24	21 14	0 43	23 51	0 7	2 13	0 40	19 38	0 35	25 11	1 37	3 21	3 48	17 3		n.a.
S 11	6 34	2n42	1 43	10 31	1 19	19 34	1 25	22 7	2 22	21 13	0 43	23 51	0 7	2 12	0 40	19 38	0 35	25 11	1 37	3 21	3 49	17 4		n.a.
S 12	6 56	7 10	2 54	10 6	1 3	19 55	1 27	22 1	2 20	21 11	0 43	23 51	0 7	2 11	0 40	19 38	0 35	25 11	1 38	3 22	3 50	17 5		n.a.
M13	7 18	11 15	3 54	9 39	0 47	20 16	1 30	21 55	2 18	21 10	0 43	23 51	0 7	2 10	0 40	19 37	0 35	25 11	1 38	3 23	3 51	17 6		n.a.
T 14	7 41	14 39	4 40	9 12	0 31	20 37	1 32	21 49	2 16	21 9	0 44	23 51	0 7	2 9	0 40	19 37	0 35	25 12	1 38	3 25	3 53	17 7		n.a.
W15	8 3	17 6	5 6	8 43	0 14	20 57	1 35	21 43	2 14	21 7	0 44	23 51	0 7	2 8	0 40	19 37	0 35	25 12	1 38	3 26	3 54	17 8		n.a.
T 16	8 24	18 23	5 12	8 14	0s 3	21 16	1 37	21 36	2 12	21 6	0 44	23 51	0 8	2 7	0 40	19 37	0 35	25 12	1 38	3 28	3 55	17 8		n.a.
F 17	8 46	18 29	4 59	7 45	0 20	21 35	1 40	21 29	2 10	21 5	0 44	23 51	0 8	2 7	0 40	19 37	0 35	25 12	1 38	3 28	3 56	17 9		n.a.
S 18	9 8	17 25	4 28	7 16	0 37	21 53	1 42	21 23	2 8	21 3	0 45	23 51	0 8	2 6	0 40	19 36	0 35	25 12	1 38	3 29	3 58	17 10		n.a.
S 19	9 29	15 21	3 42	6 47	0 54	22 10	1 44	21 16	2 6	21 2	0 45	23 51	0 8	2 5	0 40	19 36	0 35	25 12	1 38	3 28	3 59	17 11		n.a.
M20	9 51	12 29	2 44	6 20	1 11	22 27	1 47	21 9	2 4	21 1	0 45	23 51	0 8	2 4	0 40	19 36	0 35	25 12	1 38	3 28	4 0	17 12		n.a.
T 21	10 12	9 1	1 39	5 54	1 27	22 44	1 49	21 2	2 2	21 0	0 45	23 52	0 8	2 3	0 40	19 36	0 35	25 12	1 38	3 27	4 1	17 13		n.a.
W22	10 33	5 11	0 30	5 29	1 42	23 0	1 51	20 55	2 1	20 59	0 46	23 52	0 8	2 2	0 40	19 36	0 35	25 12	1 38	3 27	4 3	17 13		n.a.
T 23	10 54	1 10	0n39	5 6	1 56	23 15	1 53	20 47	1 59	20 58	0 46	23 52	0 8	2 1	0 40	19 36	0 35	25 12	1 38	3 27	4 4	17 14		n.a.
F 24	11 15	2s50	1 45	4 46	2 10	23 29	1 55	20 40	1 57	20 57	0 46	23 52	0 8	2 0	0 40	19 36	0 35	25 12	1 38	3 28	4 5	17 15		n.a.
S 25	11 35	6 39	2 45	4 27	2 23	23 43	1 57	20 32	1 55	20 56	0 46	23 52	0 8	1 59	0 40	19 35	0 35	25 12	1 38	3 29	4 6	17 16		n.a.
S 26	11 55	10 9	3 37	4 11	2 35	23 57	1 59	20 25	1 53	20 55	0 47	23 52	0 8	1 58	0 40	19 35	0 35	25 12	1 38	3 31	4 8	17 17		n.a.
M27	12 16	13 11	4 18	3 58	2 46	24 9	2 0	20 17	1 52	20 54	0 47	23 52	0 8	1 57	0 40	19 35	0 35	25 13	1 38	3 34	4 9	17 17		n.a.
T 28	12 36	15 39	4 48	3 47	2 55	24 21	2 2	20 9	1 50	20 53	0 47	23 52	0 9	1 57	0 40	19 35	0 35	25 13	1 38	3 37	4 10	17 18		n.a.
W29	12 55	17 25	5 4	3 39	3 4	24 33	2 4	20 1	1 48	20 52	0 47	23 52	0 9	1 56	0 40	19 35	0 35	25 13	1 38	3 40	4 12	17 19		n.a.
T 30	13n15	18s26	5n 8	3n34	3s12	24n44	2n 5	19n53	1n46	20s51	0s48	23n52	0n 9	1s55	0n40	19s35	0s35	25n13	1n38	3n43	4n13	17s20		n.a.

Julian Day Number = 1614495.5, Delta T = 03h51m16s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'47, Lahiri = - 7°59'46 Julian Calendar 1 Apr. 293 BCE == Greg. Calendar 28 March 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

MAY 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 18 52	5♉40'33	5♋22	16♈32	14♊20	9♌35	1♒32	1♋40	6°R15	5♒58	23♊49	20°R39	19♍26	11♐10	n.a.	F 1
S 2	14 22 48	6°37'53	17°19	16°46	15°29	10° 0	1°37	1°45	6♎13	5°58	23°50	20♍35	19°23	11°16	n.a.	S 2
S 3	14 26 45	7°35'12	29°25	17° 4	16°38	10°25	1°41	1°51	6°11	5°58	23°52	20°33	19°19	11°23	n.a.	S 3
M 4	14 30 41	8°32'30	11♒44	17°26	17°47	10°50	1°46	1°56	6° 9	5°59	23°53	20°D33	19°16	11°30	n.a.	M 4
T 5	14 34 38	9°29'48	24°21	17°53	18°56	11°16	1°50	2° 2	6° 7	5°59	23°54	20°33	19°13	11°37	n.a.	T 5
W 6	14 38 34	10°27'05	7♓19	18°24	20° 5	11°41	1°54	2° 8	6° 5	5°59	23°55	20°35	19°10	11°43	n.a.	W 6
T 7	14 42 31	11°24'22	20°44	18°59	21°13	12° 7	1°57	2°14	6° 3	5°59	23°57	20°R35	19° 7	11°50	n.a.	T 7
F 8	14 46 27	12°21'37	4♈36	19°39	22°22	12°34	2° 1	2°19	6° 1	6° 0	23°58	20°34	19° 3	11°57	n.a.	F 8
S 9	14 50 24	13°18'53	18°55	20°22	23°30	13° 0	2° 4	2°25	5°59	6° 0	23°59	20°31	19° 0	12° 4	n.a.	S 9
S 10	14 54 21	14°16'08	3♉39	21°10	24°39	13°27	2° 7	2°31	5°57	6° 0	24° 0	20°26	18°57	12°10	n.a.	S 10
M11	14 58 17	15°13'22	18°40	22° 1	25°47	13°54	2°10	2°37	5°56	6° 0	24° 2	20°19	18°54	12°17	n.a.	M11
T 12	15 2 14	16°10'36	3♊49	22°56	26°55	14°22	2°13	2°43	5°54	6° 0	24° 3	20°11	18°51	12°24	n.a.	T 12
W13	15 6 10	17° 7'49	18°57	23°54	28° 3	14°50	2°16	2°50	5°52	6°R 0	24° 4	20° 3	18°48	12°30	n.a.	W13
T 14	15 10 7	18° 5'01	3♋53	24°56	29°11	15°17	2°18	2°56	5°51	6° 0	24° 6	19°56	18°44	12°37	n.a.	T 14
F 15	15 14 3	19° 2'12	18°29	26° 2	0♋18	15°46	2°20	3° 2	5°49	6° 0	24° 7	19°50	18°41	12°44	n.a.	F 15
S 16	15 18 0	19°59'23	2♌42	27°11	1°26	16°14	2°22	3° 8	5°47	6° 0	24° 8	19°47	18°38	12°51	n.a.	S 16
S 17	15 21 56	20°56'33	16°29	28°23	2°33	16°43	2°24	3°15	5°46	6° 0	24°10	19°D46	18°35	12°57	n.a.	S 17
M18	15 25 53	21°53'42	29°53	29°39	3°41	17°12	2°26	3°21	5°44	6° 0	24°11	19°46	18°32	13° 4	n.a.	M18
T 19	15 29 50	22°50'50	12♍54	0♉59	4°48	17°41	2°27	3°28	5°43	5°59	24°13	19°46	18°28	13°11	n.a.	T 19
W20	15 33 46	23°47'58	25°38	2°21	5°55	18°10	2°29	3°34	5°41	5°59	24°14	19°R46	18°25	13°17	n.a.	W20
T 21	15 37 43	24°45'05	8♎ 7	3°47	7° 1	18°40	2°30	3°41	5°40	5°59	24°16	19°45	18°22	13°24	n.a.	T 21
F 22	15 41 39	25°42'11	20°24	5°16	8° 8	19° 9	2°31	3°47	5°39	5°59	24°17	19°41	18°19	13°31	n.a.	F 22
S 23	15 45 36	26°39'17	2♏33	6°48	9°15	19°39	2°31	3°54	5°37	5°58	24°18	19°35	18°16	13°38	n.a.	S 23
S 24	15 49 32	27°36'23	14°35	8°23	10°21	20° 9	2°32	4° 1	5°36	5°58	24°20	19°25	18°13	13°44	n.a.	S 24
M25	15 53 29	28°33'28	26°33	10° 2	11°27	20°40	2°32	4° 7	5°35	5°58	24°21	19°14	18° 9	13°51	n.a.	M25
T 26	15 57 25	29°30'34	8♐27	11°43	12°33	21°10	2°R33	4°14	5°34	5°57	24°23	19° 2	18° 6	13°58	n.a.	T 26
W27	16 1 22	0♊27'39	20°20	13°28	13°39	21°41	2°32	4°21	5°33	5°57	24°24	18°49	18° 3	14° 5	n.a.	W27
T 28	16 5 19	1°24'44	2♑12	15°15	14°44	22°12	2°32	4°28	5°32	5°56	24°26	18°37	18° 0	14°11	n.a.	T 28
F 29	16 9 15	2°21'49	14° 7	17° 6	15°50	22°43	2°32	4°35	5°31	5°56	24°27	18°27	17°57	14°18	n.a.	F 29
S 30	16 13 12	3°18'55	26° 6	18°59	16°55	23°14	2°31	4°42	5°30	5°55	24°29	18°20	17°54	14°25	n.a.	S 30
S 31	16 17 8	4♊16'00	8♒12	20♉55	18♋ 0	23♌46	2♒30	4♋49	5♎29	5♒55	24♊31	18♍15	17♍50	14♐31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n34	18s39	4n58	3n32	3s18	24n54	2n 7	19n45	1n45	20s50	0s48	23n52	0n 9	1s54	0n40	19s35	0s35	25n13	1n38	3n45	4n14	17s21		n.a.
S 2	13 54	18 2	4 36	3 32	3 24	25 3	2 8	19 36	1 43	20 49	0 48	23 52	0 9	1 53	0 40	19 35	0 36	25 13	1 38	3 47	4 15	17 21		n.a.
S 3	14 13	16 36	4 1	3 35	3 28	25 12	2 10	19 28	1 41	20 49	0 49	23 52	0 9	1 52	0 40	19 35	0 36	25 13	1 38	3 47	4 17	17 22		n.a.
M 4	14 31	14 22	3 14	3 40	3 32	25 20	2 11	19 19	1 40	20 48	0 49	23 52	0 9	1 52	0 40	19 35	0 36	25 13	1 38	3 47	4 18	17 23		n.a.
T 5	14 50	11 25	2 17	3 48	3 34	25 27	2 12	19 11	1 38	20 47	0 49	23 52	0 9	1 51	0 40	19 35	0 36	25 13	1 38	3 47	4 19	17 24		n.a.
W 6	15 8	7 50	1 11	3 59	3 36	25 34	2 13	19 2	1 36	20 47	0 49	23 52	0 9	1 50	0 40	19 35	0 36	25 13	1 38	3 47	4 20	17 24		n.a.
T 7	15 26	3 44	0s 1	4 12	3 36	25 40	2 14	18 53	1 35	20 46	0 50	23 52	0 9	1 49	0 40	19 35	0 36	25 13	1 38	3 46	4 22	17 25		n.a.
F 8	15 44	0n42	1 15	4 27	3 36	25 45	2 15	18 44	1 33	20 46	0 50	23 52	0 9	1 49	0 40	19 35	0 36	25 14	1 38	3 47	4 23	17 26		n.a.
S 9	16 1	5 15	2 26	4 45	3 34	25 50	2 16	18 34	1 32	20 45	0 50	23 52	0 9	1 48	0 40	19 35	0 36	25 14	1 38	3 48	4 24	17 27		n.a.
S 10	16 19	9 36	3 30	5 4	3 32	25 53	2 16	18 25	1 30	20 45	0 50	23 52	0 10	1 47	0 40	19 35	0 36	25 14	1 38	3 50	4 25	17 28		n.a.
M11	16 36	13 25	4 20	5 26	3 29	25 57	2 17	18 16	1 28	20 44	0 51	23 52	0 10	1 47	0 40	19 35	0 36	25 14	1 38	3 53	4 27	17 28		n.a.
T 12	16 53	16 22	4 53	5 50	3 26	25 59	2 18	18 6	1 27	20 44	0 51	23 52	0 10	1 46	0 40	19 35	0 36	25 14	1 39	3 56	4 28	17 29		n.a.
W13	17 9	18 12	5 5	6 16	3 21	26 1	2 18	17 56	1 25	20 44	0 51	23 52	0 10	1 45	0 40	19 35	0 36	25 14	1 39	3 59	4 29	17 30		n.a.
T 14	17 25	18 44	4 56	6 44	3 16	26 2	2 18	17 47	1 24	20 43	0 52	23 52	0 10	1 45	0 40	19 35	0 36	25 14	1 39	4 2	4 30	17 31		n.a.
F 15	17 41	18 0	4 28	7 13	3 11	26 2	2 19	17 37	1 22	20 43	0 52	23 51	0 10	1 44	0 40	19 35	0 36	25 14	1 39	4 4	4 32	17 31		n.a.
S 16	17 57	16 9	3 44	7 44	3 4	26 2	2 19	17 27	1 21	20 43	0 52	23 51	0 10	1 43	0 40	19 35	0 36	25 14	1 39	4 6	4 33	17 32		n.a.
S 17	18 12	13 25	2 48	8 17	2 57	26 1	2 19	17 17	1 19	20 43	0 52	23 51	0 10	1 43	0 39	19 35	0 36	25 14	1 39	4 6	4 34	17 33		n.a.
M18	18 28	10 2	1 44	8 51	2 49	25 59	2 19	17 6	1 18	20 43	0 53	23 51	0 10	1 42	0 39	19 35	0 36	25 15	1 39	4 6	4 35	17 34		n.a.
T 19	18 42	6 14	0 37	9 26	2 41	25 57	2 18	16 56	1 16	20 43	0 53	23 51	0 10	1 42	0 39	19 35	0 36	25 15	1 39	4 6	4 37	17 34		n.a.
W20	18 57	2 14	0n31	10 3	2 32	25 54	2 18	16 45	1 15	20 43	0 53	23 51	0 10	1 41	0 39	19 35	0 36	25 15	1 39	4 6	4 38	17 35		n.a.
T 21	19 11	1s47	1 36	10 41	2 23	25 50	2 18	16 35	1 14	20 43	0 54	23 51	0 10	1 41	0 39	19 35	0 36	25 15	1 39	4 6	4 39	17 36		n.a.
F 22	19 25	5 40	2 35	11 20	2 14	25 45	2 17	16 24	1 12	20 43	0 54	23 51	0 10	1 40	0 39	19 35	0 36	25 15	1 39	4 8	4 40	17 36		n.a.
S 23	19 39	9 16	3 27	12 0	2 4	25 40	2 17	16 13	1 11	20 43	0 54	23 51	0 11	1 40	0 39	19 35	0 36	25 15	1 39	4 11	4 42	17 37		n.a.
S 24	19 52	12 27	4 8	12 41	1 53	25 34	2 16	16 2	1 9	20 43	0 54	23 51	0 11	1 39	0 39	19 35	0 36	25 15	1 39	4 14	4 43	17 38		n.a.
M25	20 5	15 6	4 38	13 23	1 42	25 28	2 15	15 51	1 8	20 43	0 55	23 50	0 11	1 39	0 39	19 36	0 36	25 15	1 39	4 19	4 44	17 39		n.a.
T 26	20 17	17 6	4 56	14 5	1 31	25 21	2 14	15 40	1 7	20 43	0 55	23 50	0 11	1 38	0 39	19 36	0 36	25 15	1 39	4 23	4 45	17 39		n.a.
W27	20 30	18 22	5 1	14 48	1 20	25 13	2 13	15 28	1 5	20 44	0 55	23 50	0 11	1 38	0 39	19 36	0 36	25 16	1 39	4 28	4 47	17 40		n.a.
T 28	20 42	18 50	4 53	15 31	1 9	25 5	2 11	15 17	1 4	20 44	0 56	23 50	0 11	1 37	0 39	19 36	0 36	25 16	1 39	4 33	4 48	17 41		n.a.
F 29	20 53	18 28	4 32	16 14	0 57	24 56	2 10	15 5	1 2	20 44	0 56	23 50	0 11	1 37	0 39	19 36	0 36	25 16	1 39	4 37	4 49	17 41		n.a.
S 30	21 4	17 16	3 59	16 57	0 45	24 46	2 9	14 54	1 1	20 45	0 56	23 50	0 11	1 37	0 39	19 36	0 36	25 16	1 39	4 40	4 50	17 42		n.a.
S 31	21n15	15s18	3n15	17n39	0s34	24n36	2n 7	14n42	1n 0	20s45	0s56	23n50	0n11	1s36	0n39	19s36	0s36	25n16	1n39	4n42	4n52	17s43		n.a.

Julian Day Number = 1614525.5, Delta T = 03h51m15s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'43, Lahiri = - 7°59'42 Julian Calendar 1 May 293 BCE == Greg. Calendar 27 Apr. 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

JUNE 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 21 5	5♊13'06	20♒30	22♉53	19♋ 5	24♌18	2°R29	4♋56	5°R28	5°R54	24♊32	18°R12	17♍47	14♐38	n.a.	M 1
T 2	16 25 1	6°10'12	3♓ 4	24°53	20° 9	24°49	2♒28	5° 3	5♎27	5♒54	24°34	18°D11	17°44	14°45	n.a.	T 2
W 3	16 28 58	7° 7'19	15°58	26°56	21°14	25°21	2°27	5°10	5°26	5°53	24°35	18°R11	17°41	14°52	n.a.	W 3
T 4	16 32 55	8° 4'25	29°17	29° 0	22°18	25°54	2°25	5°17	5°26	5°52	24°37	18♍11	17°38	14°58	n.a.	T 4
F 5	16 36 51	9° 1'33	13♈ 4	1♊ 6	23°22	26°26	2°23	5°24	5°25	5°52	24°38	18° 9	17°34	15° 5	n.a.	F 5
S 6	16 40 48	9°58'40	27°19	3°13	24°26	26°59	2°21	5°31	5°24	5°51	24°40	18° 5	17°31	15°12	n.a.	S 6
S 7	16 44 44	10°55'49	12♉ 2	5°21	25°29	27°31	2°19	5°39	5°24	5°50	24°42	17°59	17°28	15°19	n.a.	S 7
M 8	16 48 41	11°52'57	27° 6	7°30	26°33	28° 4	2°17	5°46	5°23	5°49	24°43	17°50	17°25	15°25	n.a.	M 8
T 9	16 52 37	12°50'06	12♊23	9°39	27°36	28°37	2°14	5°53	5°23	5°49	24°45	17°39	17°22	15°32	n.a.	T 9
W10	16 56 34	13°47'16	27°42	11°49	28°39	29°11	2°12	6° 1	5°22	5°48	24°46	17°29	17°19	15°39	n.a.	W10
T 11	17 0 30	14°44'26	12♋50	13°58	29°41	29°44	2° 9	6° 8	5°22	5°47	24°48	17°19	17°15	15°45	n.a.	T 11
F 12	17 4 27	15°41'35	27°40	16° 7	0♌43	0♍18	2° 6	6°15	5°22	5°46	24°50	17°11	17°12	15°52	n.a.	F 12
S 13	17 8 24	16°38'46	12♌ 3	18°15	1°45	0°51	2° 2	6°23	5°21	5°45	24°51	17° 6	17° 9	15°59	n.a.	S 13
S 14	17 12 20	17°35'56	25°58	20°22	2°47	1°25	1°59	6°30	5°21	5°44	24°53	17° 4	17° 6	16° 6	n.a.	S 14
M15	17 16 17	18°33'06	9♍25	22°29	3°49	1°59	1°55	6°38	5°21	5°43	24°54	17° 3	17° 3	16°12	n.a.	M15
T 16	17 20 13	19°30'17	22°26	24°34	4°50	2°34	1°52	6°45	5°21	5°42	24°56	17° 3	17° 0	16°19	n.a.	T 16
W17	17 24 10	20°27'28	5♎ 6	26°37	5°51	3° 8	1°48	6°53	5°21	5°41	24°58	17° 2	16°56	16°26	n.a.	W17
T 18	17 28 6	21°24'39	17°29	28°40	6°51	3°42	1°43	7° 0	5°D21	5°40	24°59	17° 0	16°53	16°33	n.a.	T 18
F 19	17 32 3	22°21'50	29°39	0♋41	7°51	4°17	1°39	7° 8	5°21	5°39	25° 1	16°56	16°50	16°39	n.a.	F 19
S 20	17 35 59	23°19'02	11♏40	2°40	8°51	4°52	1°35	7°15	5°21	5°38	25° 3	16°49	16°47	16°46	n.a.	S 20
S 21	17 39 56	24°16'15	23°36	4°38	9°50	5°27	1°30	7°23	5°21	5°37	25° 4	16°39	16°44	16°53	n.a.	S 21
M22	17 43 53	25°13'28	5♐30	6°34	10°50	6° 2	1°25	7°31	5°21	5°36	25° 6	16°27	16°40	16°59	n.a.	M22
T 23	17 47 49	26°10'42	17°22	8°28	11°48	6°37	1°20	7°38	5°21	5°35	25° 8	16°14	16°37	17° 6	n.a.	T 23
W24	17 51 46	27° 7'57	29°16	10°21	12°46	7°12	1°15	7°46	5°22	5°33	25° 9	16° 0	16°34	17°13	n.a.	W24
T 25	17 55 42	28° 5'12	11♑11	12°12	13°44	7°48	1°10	7°53	5°22	5°32	25°11	15°48	16°31	17°20	n.a.	T 25
F 26	17 59 39	29° 2'29	23°11	14° 1	14°42	8°23	1° 4	8° 1	5°22	5°31	25°12	15°37	16°28	17°26	n.a.	F 26
S 27	18 3 35	29°59'46	5♒15	15°49	15°39	8°59	0°59	8° 9	5°23	5°30	25°14	15°29	16°25	17°33	n.a.	S 27
S 28	18 7 32	0♋57'04	17°28	17°35	16°35	9°35	0°53	8°16	5°23	5°28	25°16	15°23	16°21	17°40	n.a.	S 28
M29	18 11 28	1°54'24	29°50	19°19	17°32	10°11	0°47	8°24	5°24	5°27	25°17	15°20	16°18	17°46	n.a.	M29
T 30	18 15 25	2♋51'44	12♓27	21♋ 2	18♌27	10♍47	0♒41	8♋32	5♎25	5♒26	25♊19	15°D19	16♍15	17♐53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n26	12s36	2n21	18n21	0s22	24n25	2n 5	14n30	0n59	20s46	0s57	23n49	0n11	1s36	0n39	19s37	0s36	25n16	1n39	4n43	4n53	17s44		n.a.
T 2	21 36	9 16	1 19	19 3	0 11	24 14	2 3	14 18	0 57	20 46	0 57	23 49	0 11	1 36	0 39	19 37	0 36	25 16	1 39	4 43	4 54	17 44		n.a.
W 3	21 46	5 25	0 12	19 43	0n 1	24 2	2 1	14 6	0 56	20 47	0 57	23 49	0 11	1 35	0 39	19 37	0 37	25 16	1 40	4 43	4 56	17 45		n.a.
T 4	21 55	1 11	0s58	20 22	0 12	23 49	1 59	13 54	0 55	20 48	0 58	23 49	0 12	1 35	0 39	19 37	0 37	25 17	1 40	4 44	4 57	17 46		n.a.
F 5	22 4	3n16	2 8	20 59	0 22	23 36	1 57	13 41	0 53	20 48	0 58	23 49	0 12	1 35	0 39	19 37	0 37	25 17	1 40	4 44	4 58	17 46		n.a.
S 6	22 13	7 41	3 11	21 35	0 33	23 22	1 55	13 29	0 52	20 49	0 58	23 48	0 12	1 35	0 39	19 38	0 37	25 17	1 40	4 46	4 59	17 47		n.a.
S 7	22 21	11 46	4 4	22 9	0 42	23 8	1 52	13 16	0 51	20 50	0 59	23 48	0 12	1 35	0 39	19 38	0 37	25 17	1 40	4 48	5 1	17 48		n.a.
M 8	22 29	15 11	4 41	22 40	0 52	22 53	1 49	13 4	0 50	20 51	0 59	23 48	0 12	1 34	0 39	19 38	0 37	25 17	1 40	4 52	5 2	17 48		n.a.
T 9	22 37	17 36	4 59	23 10	1 0	22 38	1 46	12 51	0 48	20 51	0 59	23 48	0 12	1 34	0 39	19 38	0 37	25 17	1 40	4 56	5 3	17 49		n.a.
W10	22 44	18 47	4 56	23 36	1 8	22 22	1 44	12 38	0 47	20 52	0 59	23 47	0 12	1 34	0 39	19 39	0 37	25 17	1 40	5 0	5 4	17 50		n.a.
T 11	22 51	18 36	4 32	24 0	1 16	22 6	1 40	12 25	0 46	20 53	1 0	23 47	0 12	1 34	0 39	19 39	0 37	25 17	1 40	5 4	5 6	17 50		n.a.
F 12	22 57	17 8	3 49	24 22	1 23	21 49	1 37	12 12	0 45	20 54	1 0	23 47	0 12	1 34	0 39	19 39	0 37	25 17	1 40	5 7	5 7	17 51		n.a.
S 13	23 3	14 37	2 54	24 40	1 29	21 32	1 34	11 59	0 43	20 55	1 0	23 47	0 12	1 34	0 39	19 39	0 37	25 18	1 40	5 9	5 8	17 52		n.a.
S 14	23 9	11 19	1 49	24 56	1 34	21 14	1 30	11 45	0 42	20 56	1 1	23 46	0 12	1 34	0 38	19 40	0 37	25 18	1 40	5 10	5 9	17 52		n.a.
M15	23 14	7 31	0 40	25 9	1 39	20 56	1 27	11 32	0 41	20 57	1 1	23 46	0 12	1 34	0 38	19 40	0 37	25 18	1 40	5 11	5 11	17 53		n.a.
T 16	23 18	3 28	0n28	25 19	1 43	20 38	1 23	11 18	0 40	20 59	1 1	23 46	0 13	1 34	0 38	19 40	0 37	25 18	1 40	5 11	5 12	17 54		n.a.
W17	23 23	0s37	1 34	25 27	1 46	20 19	1 19	11 5	0 39	21 0	1 1	23 45	0 13	1 34	0 38	19 40	0 37	25 18	1 40	5 11	5 13	17 54		n.a.
T 18	23 27	4 35	2 33	25 32	1 48	19 59	1 15	10 51	0 38	21 1	1 2	23 45	0 13	1 34	0 38	19 41	0 37	25 18	1 40	5 12	5 14	17 55		n.a.
F 19	23 30	8 17	3 25	25 34	1 50	19 40	1 11	10 37	0 36	21 2	1 2	23 45	0 13	1 34	0 38	19 41	0 37	25 18	1 40	5 13	5 16	17 56		n.a.
S 20	23 33	11 37	4 6	25 33	1 51	19 20	1 6	10 23	0 35	21 3	1 2	23 44	0 13	1 34	0 38	19 41	0 37	25 18	1 41	5 16	5 17	17 56		n.a.
S 21	23 36	14 26	4 37	25 30	1 52	18 59	1 2	10 9	0 34	21 5	1 2	23 44	0 13	1 34	0 38	19 42	0 37	25 19	1 41	5 20	5 18	17 57		n.a.
M22	23 38	16 39	4 55	25 25	1 51	18 38	0 57	9 55	0 33	21 6	1 3	23 44	0 13	1 34	0 38	19 42	0 37	25 19	1 41	5 24	5 19	17 58		n.a.
T 23	23 40	18 9	5 0	25 18	1 51	18 17	0 52	9 41	0 32	21 7	1 3	23 43	0 13	1 34	0 38	19 42	0 37	25 19	1 41	5 30	5 21	17 58		n.a.
W24	23 42	18 51	4 52	25 8	1 49	17 56	0 47	9 27	0 31	21 9	1 3	23 43	0 13	1 34	0 38	19 42	0 37	25 19	1 41	5 35	5 22	17 59		n.a.
T 25	23 43	18 44	4 32	24 57	1 47	17 34	0 42	9 12	0 30	21 10	1 3	23 43	0 13	1 35	0 38	19 43	0 37	25 19	1 41	5 40	5 23	18 0		n.a.
F 26	23 43	17 47	3 59	24 43	1 45	17 12	0 37	8 58	0 29	21 12	1 4	23 42	0 13	1 35	0 38	19 43	0 37	25 19	1 41	5 44	5 24	18 0		n.a.
S 27	23 44	16 2	3 15	24 28	1 42	16 50	0 31	8 43	0 27	21 13	1 4	23 42	0 13	1 35	0 38	19 43	0 37	25 19	1 41	5 48	5 26	18 1		n.a.
S 28	23 43	13 32	2 22	24 11	1 38	16 28	0 26	8 29	0 26	21 15	1 4	23 41	0 14	1 35	0 38	19 44	0 37	25 20	1 41	5 50	5 27	18 2		n.a.
M29	23 43	10 24	1 21	23 52	1 34	16 5	0 20	8 14	0 25	21 16	1 4	23 41	0 14	1 35	0 38	19 44	0 37	25 20	1 41	5 51	5 28	18 2		n.a.
T 30	23n42	6s44	0n15	23n32	1n30	15n42	0n14	7n59	0n24	21s18	1s 5	23n41	0n14	1s36	0n38	19s44	0s37	25n20	1n41	5n51	5n29	18s 3		n.a.

Julian Day Number = 1614556.5, Delta T = 03h51m13s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'38, Lahiri = - 7°59'38 Julian Calendar 1 June 293 BCE == Greg. Calendar 28 May 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

JULY 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 19 22	3♋49'06	25♓21	22♋43	19♌22	11♍23	0°R35	8♋39	5♎25	5°R25	25♊21	15♍19	16♍12	18♐ 0	n.a.	W 1
T 2	18 23 18	4°46'29	8♈36	24°22	20°17	12° 0	0♒29	8°47	5°26	5♒23	25°22	15°R19	16° 9	18° 7	n.a.	T 2
F 3	18 27 15	5°43'54	22°16	25°59	21°11	12°36	0°22	8°55	5°27	5°22	25°24	15°18	16° 6	18°13	n.a.	F 3
S 4	18 31 11	6°41'20	6♉22	27°35	22° 5	13°13	0°16	9° 3	5°28	5°20	25°25	15°15	16° 2	18°20	n.a.	S 4
S 5	18 35 8	7°38'47	20°53	29°10	22°58	13°50	0° 9	9°10	5°28	5°19	25°27	15°10	15°59	18°27	n.a.	S 5
M 6	18 39 4	8°36'16	5♊46	0♌42	23°50	14°26	0° 2	9°18	5°29	5°18	25°29	15° 2	15°56	18°34	n.a.	M 6
T 7	18 43 1	9°33'46	20°55	2°13	24°42	15° 3	29♑55	9°26	5°30	5°16	25°30	14°53	15°53	18°40	n.a.	T 7
W 8	18 46 58	10°31'18	6♋ 8	3°42	25°34	15°41	29°49	9°33	5°31	5°15	25°32	14°44	15°50	18°47	n.a.	W 8
T 9	18 50 54	11°28'51	21°16	5°10	26°24	16°18	29°41	9°41	5°32	5°13	25°33	14°35	15°46	18°54	n.a.	T 9
F 10	18 54 51	12°26'25	6♌ 8	6°36	27°14	16°55	29°34	9°49	5°34	5°12	25°35	14°28	15°43	19° 0	n.a.	F 10
S 11	18 58 47	13°24'00	20°37	8° 0	28° 3	17°33	29°27	9°57	5°35	5°10	25°37	14°24	15°40	19° 7	n.a.	S 11
S 12	19 2 44	14°21'36	4♍38	9°22	28°52	18°10	29°20	10° 4	5°36	5° 9	25°38	14°21	15°37	19°14	n.a.	S 12
M13	19 6 40	15°19'13	18°11	10°43	29°40	18°48	29°12	10°12	5°37	5° 7	25°40	14°D21	15°34	19°21	n.a.	M13
T 14	19 10 37	16°16'51	1♎16	12° 2	0♍27	19°26	29° 5	10°20	5°39	5° 6	25°41	14°22	15°31	19°27	n.a.	T 14
W15	19 14 33	17°14'31	13°59	13°19	1°13	20° 4	28°57	10°27	5°40	5° 4	25°43	14°R22	15°27	19°34	n.a.	W15
T 16	19 18 30	18°12'11	26°22	14°33	1°58	20°42	28°50	10°35	5°41	5° 3	25°44	14°22	15°24	19°41	n.a.	T 16
F 17	19 22 26	19° 9'53	8♏31	15°46	2°43	21°20	28°42	10°43	5°43	5° 1	25°46	14°20	15°21	19°48	n.a.	F 17
S 18	19 26 23	20° 7'36	20°30	16°57	3°26	21°59	28°34	10°50	5°44	5° 0	25°47	14°16	15°18	19°54	n.a.	S 18
S 19	19 30 20	21° 5'21	2♐24	18° 6	4° 9	22°37	28°27	10°58	5°46	4°58	25°49	14°10	15°15	20° 1	n.a.	S 19
M20	19 34 16	22° 3'06	14°16	19°12	4°50	23°15	28°19	11° 6	5°48	4°56	25°50	14° 1	15°12	20° 8	n.a.	M20
T 21	19 38 13	23° 0'53	26°10	20°16	5°31	23°54	28°11	11°13	5°49	4°55	25°52	13°52	15° 8	20°14	n.a.	T 21
W22	19 42 9	23°58'42	8♑ 6	21°18	6°10	24°33	28° 3	11°21	5°51	4°53	25°53	13°43	15° 5	20°21	n.a.	W22
T 23	19 46 6	24°56'32	20° 8	22°16	6°49	25°12	27°55	11°29	5°53	4°52	25°55	13°34	15° 2	20°28	n.a.	T 23
F 24	19 50 2	25°54'24	2♒16	23°13	7°26	25°51	27°47	11°36	5°55	4°50	25°56	13°26	14°59	20°35	n.a.	F 24
S 25	19 53 59	26°52'17	14°32	24° 6	8° 2	26°30	27°40	11°44	5°56	4°48	25°58	13°20	14°56	20°41	n.a.	S 25
S 26	19 57 56	27°50'12	26°56	24°56	8°37	27° 9	27°32	11°51	5°58	4°47	25°59	13°17	14°52	20°48	n.a.	S 26
M27	20 1 52	28°48'09	9♓31	25°43	9°10	27°48	27°24	11°59	6° 0	4°45	26° 1	13°D16	14°49	20°55	n.a.	M27
T 28	20 5 49	29°46'07	22°19	26°26	9°42	28°27	27°16	12° 6	6° 2	4°43	26° 2	13°16	14°46	21° 1	n.a.	T 28
W29	20 9 45	0♌44'08	5♈21	27° 6	10°13	29° 7	27° 8	12°14	6° 4	4°42	26° 3	13°17	14°43	21° 8	n.a.	W29
T 30	20 13 42	1°42'10	18°40	27°42	10°42	29°46	27° 0	12°21	6° 6	4°40	26° 5	13°18	14°40	21°15	n.a.	T 30
F 31	20 17 38	2♌40'15	2♉18	28♌14	11♍10	0♎26	26♑52	12♋29	6♎ 8	4♒39	26♊ 6	13°R19	14♍37	21♐22	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n40	2s41	0s53	23n11	1n25	15n19	0n 8	7n44	0n23	21s19	1s 5	23n40	0n14	1s36	0n38	19s45	0s37	25n20	1n41	5n51	5n31	18s 3			n.a.
T 2	23 38	1n37	2 0	22 49	1 20	14 55	0 1	7 29	0 22	21 21	1 5	23 40	0 14	1 36	0 38	19 45	0 37	25 20	1 41	5 51	5 32	18 4			n.a.
F 3	23 36	5 57	3 3	22 25	1 14	14 32	0s 5	7 14	0 21	21 23	1 5	23 39	0 14	1 37	0 38	19 46	0 37	25 20	1 41	5 52	5 33	18 5			n.a.
S 4	23 33	10 5	3 57	22 0	1 8	14 8	0 12	6 59	0 20	21 24	1 6	23 39	0 14	1 37	0 38	19 46	0 37	25 20	1 41	5 53	5 34	18 5			n.a.
S 5	23 30	13 45	4 37	21 34	1 1	13 44	0 18	6 44	0 19	21 26	1 6	23 38	0 14	1 38	0 38	19 46	0 37	25 20	1 42	5 55	5 36	18 6			n.a.
M 6	23 27	16 37	4 59	21 8	0 54	13 20	0 25	6 28	0 18	21 28	1 6	23 38	0 14	1 38	0 38	19 47	0 37	25 21	1 42	5 58	5 37	18 6			n.a.
T 7	23 23	18 24	5 1	20 40	0 47	12 56	0 32	6 13	0 17	21 29	1 6	23 38	0 14	1 38	0 38	19 47	0 37	25 21	1 42	6 1	5 38	18 7			n.a.
W 8	23 18	18 53	4 42	20 12	0 40	12 32	0 39	5 57	0 16	21 31	1 7	23 37	0 14	1 39	0 38	19 47	0 37	25 21	1 42	6 5	5 39	18 8			n.a.
T 9	23 14	18 1	4 4	19 43	0 32	12 8	0 47	5 42	0 15	21 33	1 7	23 37	0 14	1 39	0 37	19 48	0 37	25 21	1 42	6 8	5 40	18 8			n.a.
F 10	23 8	15 55	3 9	19 14	0 24	11 44	0 54	5 26	0 14	21 35	1 7	23 36	0 15	1 40	0 37	19 48	0 37	25 21	1 42	6 11	5 42	18 9			n.a.
S 11	23 3	12 51	2 3	18 44	0 16	11 19	1 2	5 10	0 13	21 36	1 7	23 36	0 15	1 40	0 37	19 49	0 38	25 21	1 42	6 13	5 43	18 9			n.a.
S 12	22 57	9 8	0 52	18 14	0 7	10 55	1 10	4 55	0 12	21 38	1 7	23 35	0 15	1 41	0 37	19 49	0 38	25 21	1 42	6 14	5 44	18 10			n.a.
M13	22 50	5 3	0n20	17 44	0s 2	10 31	1 18	4 39	0 11	21 40	1 8	23 35	0 15	1 41	0 37	19 49	0 38	25 21	1 42	6 14	5 45	18 11			n.a.
T 14	22 43	0 51	1 29	17 13	0 11	10 6	1 26	4 23	0 10	21 42	1 8	23 34	0 15	1 42	0 37	19 50	0 38	25 22	1 42	6 14	5 47	18 11			n.a.
W15	22 36	3s15	2 32	16 42	0 20	9 42	1 34	4 7	0 9	21 43	1 8	23 34	0 15	1 42	0 37	19 50	0 38	25 22	1 42	6 13	5 48	18 12			n.a.
T 16	22 28	7 6	3 25	16 11	0 30	9 18	1 43	3 51	0 8	21 45	1 8	23 33	0 15	1 43	0 37	19 51	0 38	25 22	1 42	6 13	5 49	18 12			n.a.
F 17	22 20	10 35	4 9	15 41	0 39	8 54	1 52	3 35	0 7	21 47	1 8	23 33	0 15	1 44	0 37	19 51	0 38	25 22	1 43	6 14	5 50	18 13			n.a.
S 18	22 12	13 35	4 40	15 10	0 49	8 30	2 0	3 19	0 6	21 49	1 8	23 32	0 15	1 44	0 37	19 51	0 38	25 22	1 43	6 16	5 52	18 13			n.a.
S 19	22 3	16 0	5 0	14 39	0 59	8 6	2 9	3 2	0 5	21 50	1 9	23 31	0 15	1 45	0 37	19 52	0 38	25 22	1 43	6 18	5 53	18 14			n.a.
M20	21 54	17 43	5 6	14 9	1 9	7 42	2 19	2 46	0 4	21 52	1 9	23 31	0 15	1 46	0 37	19 52	0 38	25 22	1 43	6 22	5 54	18 15			n.a.
T 21	21 44	18 41	4 59	13 39	1 19	7 19	2 28	2 30	0 3	21 54	1 9	23 30	0 16	1 46	0 37	19 53	0 38	25 23	1 43	6 25	5 55	18 15			n.a.
W22	21 34	18 50	4 39	13 10	1 30	6 55	2 37	2 13	0 2	21 56	1 9	23 30	0 16	1 47	0 37	19 53	0 38	25 23	1 43	6 29	5 57	18 16			n.a.
T 23	21 24	18 8	4 7	12 41	1 40	6 32	2 47	1 57	0 1	21 57	1 9	23 29	0 16	1 48	0 37	19 53	0 38	25 23	1 43	6 32	5 58	18 16			n.a.
F 24	21 13	16 36	3 23	12 13	1 50	6 9	2 57	1 41	0 0	21 59	1 9	23 29	0 16	1 49	0 37	19 54	0 38	25 23	1 43	6 35	5 59	18 17			n.a.
S 25	21 2	14 18	2 29	11 45	2 1	5 46	3 7	1 24	0s 1	22 1	1 9	23 28	0 16	1 49	0 37	19 54	0 38	25 23	1 43	6 37	6 0	18 17			n.a.
S 26	20 51	11 19	1 27	11 19	2 11	5 24	3 17	1 7	0 2	22 3	1 10	23 28	0 16	1 50	0 37	19 55	0 38	25 23	1 43	6 39	6 2	18 18			n.a.
M27	20 39	7 47	0 20	10 53	2 22	5 2	3 27	0 51	0 3	22 4	1 10	23 27	0 16	1 51	0 37	19 55	0 38	25 23	1 43	6 39	6 3	18 18			n.a.
T 28	20 27	3 50	0s49	10 29	2 32	4 40	3 37	0 34	0 3	22 6	1 10	23 26	0 16	1 52	0 37	19 55	0 38	25 23	1 43	6 39	6 4	18 19			n.a.
W29	20 14	0n22	1 57	10 5	2 42	4 19	3 48	0 17	0 4	22 8	1 10	23 26	0 16	1 53	0 37	19 56	0 38	25 24	1 44	6 39	6 5	18 20			n.a.
T 30	20 1	4 38	3 0	9 44	2 52	3 58	3 59	0 1	0 5	22 9	1 10	23 25	0 16	1 54	0 37	19 56	0 38	25 24	1 44	6 38	6 7	18 20			n.a.
F 31	19n48	8n45	3s55	9n23	3s 2	3n38	4s 9	0s16	0s 6	22s11	1s10	23n25	0n17	1s54	0n37	19s57	0s38	25n24	1n44	6n38	6n 8	18s21			n.a.

Julian Day Number = 1614586.5, Delta T = 03h51m12s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'34, Lahiri = - 7°59'34 Julian Calendar 1 July 293 BCE == Greg. Calendar 27 June 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

AUGUST 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 21 35	3♌38'22	16♉16	28♌41	11♍36	1♎ 6	26°R45	12♋36	6♎11	4°R37	26♊ 8	13°R18	14♍33	21♐28	n.a.	S 1
S 2	20 25 31	4°36'31	0♊34	29° 4	12° 1	1°46	26♏37	12°43	6°13	4♒35	26° 9	13♍16	14°30	21°35	n.a.	S 2
M 3	20 29 28	5°34'42	15° 9	29°22	12°24	2°26	26°29	12°51	6°15	4°34	26°10	13°12	14°27	21°42	n.a.	M 3
T 4	20 33 24	6°32'55	29°57	29°34	12°45	3° 6	26°21	12°58	6°17	4°32	26°12	13° 7	14°24	21°49	n.a.	T 4
W 5	20 37 21	7°31'11	14♋51	29°41	13° 4	3°46	26°14	13° 5	6°20	4°30	26°13	13° 2	14°21	21°55	n.a.	W 5
T 6	20 41 18	8°29'28	29°42	29°R42	13°22	4°26	26° 6	13°12	6°22	4°29	26°14	12°57	14°18	22° 2	n.a.	T 6
F 7	20 45 14	9°27'47	14♌22	29°37	13°37	5° 7	25°59	13°20	6°25	4°27	26°15	12°53	14°14	22° 9	n.a.	F 7
S 8	20 49 11	10°26'08	28°45	29°25	13°51	5°47	25°51	13°27	6°27	4°25	26°17	12°51	14°11	22°15	n.a.	S 8
S 9	20 53 7	11°24'31	12♍45	29° 7	14° 3	6°28	25°44	13°34	6°30	4°24	26°18	12°D50	14° 8	22°22	n.a.	S 9
M10	20 57 4	12°22'55	26°19	28°43	14°12	7° 8	25°37	13°41	6°32	4°22	26°19	12°51	14° 5	22°29	n.a.	M10
T 11	21 1 0	13°21'22	9♎28	28°12	14°20	7°49	25°29	13°48	6°35	4°20	26°20	12°52	14° 2	22°36	n.a.	T 11
W12	21 4 57	14°19'50	22°15	27°34	14°25	8°30	25°22	13°55	6°37	4°19	26°21	12°54	13°58	22°42	n.a.	W12
T 13	21 8 53	15°18'20	4♏41	26°50	14°28	9°11	25°15	14° 2	6°40	4°17	26°23	12°55	13°55	22°49	n.a.	T 13
F 14	21 12 50	16°16'51	16°52	26° 1	14°R29	9°52	25° 8	14° 9	6°43	4°16	26°24	12°R56	13°52	22°56	n.a.	F 14
S 15	21 16 47	17°15'25	28°53	25° 6	14°27	10°33	25° 2	14°16	6°45	4°14	26°25	12°55	13°49	23° 3	n.a.	S 15
S 16	21 20 43	18°14'00	10♐47	24° 7	14°23	11°14	24°55	14°23	6°48	4°12	26°26	12°53	13°46	23° 9	n.a.	S 16
M17	21 24 40	19°12'37	22°40	23° 6	14°17	11°56	24°49	14°30	6°51	4°11	26°27	12°50	13°43	23°16	n.a.	M17
T 18	21 28 36	20°11'15	4♑35	22° 2	14° 8	12°37	24°42	14°37	6°54	4° 9	26°28	12°47	13°39	23°23	n.a.	T 18
W19	21 32 33	21° 9'56	16°35	20°58	13°57	13°18	24°36	14°43	6°57	4° 8	26°29	12°43	13°36	23°29	n.a.	W19
T 20	21 36 29	22° 8'39	28°43	19°56	13°43	14° 0	24°30	14°50	7° 0	4° 6	26°30	12°40	13°33	23°36	n.a.	T 20
F 21	21 40 26	23° 7'23	11♒ 2	18°56	13°27	14°42	24°24	14°57	7° 3	4° 5	26°31	12°37	13°30	23°43	n.a.	F 21
S 22	21 44 22	24° 6'10	23°32	18° 0	13° 9	15°23	24°18	15° 3	7° 6	4° 3	26°32	12°35	13°27	23°50	n.a.	S 22
S 23	21 48 19	25° 4'58	6♓14	17°10	12°48	16° 5	24°12	15°10	7° 9	4° 2	26°33	12°34	13°23	23°56	n.a.	S 23
M24	21 52 15	26° 3'49	19° 9	16°27	12°25	16°47	24° 6	15°16	7°12	4° 0	26°34	12°D34	13°20	24° 3	n.a.	M24
T 25	21 56 12	27° 2'42	2♈17	15°53	12° 1	17°29	24° 1	15°23	7°15	3°59	26°35	12°35	13°17	24°10	n.a.	T 25
W26	22 0 9	28° 1'37	15°38	15°27	11°34	18°11	23°56	15°29	7°18	3°57	26°36	12°36	13°14	24°16	n.a.	W26
T 27	22 4 5	29° 0'34	29°12	15°12	11° 5	18°53	23°50	15°35	7°21	3°56	26°37	12°37	13°11	24°23	n.a.	T 27
F 28	22 8 2	29°59'34	12♉58	15°D 6	10°35	19°36	23°46	15°42	7°24	3°54	26°38	12°38	13° 8	24°30	n.a.	F 28
S 29	22 11 58	0♍58'37	26°57	15°11	10° 3	20°18	23°41	15°48	7°27	3°53	26°39	12°R39	13° 4	24°37	n.a.	S 29
S 30	22 15 55	1°57'42	11♊ 6	15°25	9°30	21° 0	23°36	15°54	7°30	3°51	26°40	12°39	13° 1	24°43	n.a.	S 30
M31	22 19 51	2♍56'49	25♊25	15♌50	8♍56	21♎43	23♏32	16♋ 0	7♎34	3♒50	26♊40	12♍38	12♍58	24♐50	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	19n34	12n29	4s37	9n 5	3s11	3n18	4s20	0s33	0s 7	22s12	1s10	23n24	0n17	1s55	0n37	19s57	0s38	25n24	1n44	6n38	6n 9	18s21		n.a.	S 1
S 2	19 20	15 34	5 3	8 48	3 21	2 58	4 31	0 50	0 8	22 14	1 10	23 23	0 17	1 56	0 37	19 58	0 38	25 24	1 44	6 39	6 10	18 22		n.a.	S 2
M 3	19 6	17 45	5 10	8 34	3 29	2 39	4 42	1 7	0 9	22 16	1 10	23 23	0 17	1 57	0 37	19 58	0 38	25 24	1 44	6 41	6 12	18 22		n.a.	M 3
T 4	18 52	18 46	4 57	8 22	3 38	2 21	4 53	1 24	0 10	22 17	1 10	23 22	0 17	1 58	0 37	19 58	0 38	25 24	1 44	6 43	6 13	18 23		n.a.	T 4
W 5	18 37	18 31	4 24	8 12	3 45	2 3	5 4	1 40	0 11	22 19	1 10	23 21	0 17	1 59	0 36	19 59	0 38	25 25	1 44	6 45	6 14	18 23		n.a.	W 5
T 6	18 21	16 59	3 34	8 6	3 52	1 46	5 16	1 57	0 11	22 20	1 11	23 21	0 17	2 0	0 36	19 59	0 38	25 25	1 44	6 47	6 15	18 24		n.a.	T 6
F 7	18 6	14 20	2 29	8 2	3 58	1 30	5 27	2 14	0 12	22 22	1 11	23 20	0 17	2 1	0 36	20 0	0 38	25 25	1 44	6 48	6 17	18 24		n.a.	F 7
S 8	17 50	10 52	1 16	8 1	4 4	1 14	5 38	2 31	0 13	22 23	1 11	23 20	0 17	2 2	0 36	20 0	0 38	25 25	1 44	6 49	6 18	18 25		n.a.	S 8
S 9	17 34	6 51	0 1	8 3	4 8	0 59	5 49	2 48	0 14	22 25	1 11	23 19	0 17	2 3	0 36	20 0	0 38	25 25	1 45	6 49	6 19	18 25		n.a.	S 9
M10	17 18	2 36	1n13	8 9	4 11	0 45	6 1	3 5	0 15	22 26	1 11	23 18	0 18	2 4	0 36	20 1	0 38	25 25	1 45	6 49	6 20	18 26		n.a.	M10
T 11	17 1	1s39	2 21	8 18	4 12	0 32	6 12	3 22	0 16	22 27	1 11	23 18	0 18	2 5	0 36	20 1	0 38	25 25	1 45	6 48	6 21	18 26		n.a.	T 11
W12	16 44	5 41	3 19	8 31	4 12	0 20	6 23	3 40	0 16	22 29	1 11	23 17	0 18	2 6	0 36	20 2	0 38	25 25	1 45	6 48	6 23	18 27		n.a.	W12
T 13	16 26	9 22	4 7	8 48	4 10	0 8	6 34	3 57	0 17	22 30	1 11	23 16	0 18	2 7	0 36	20 2	0 38	25 26	1 45	6 47	6 24	18 27		n.a.	T 13
F 14	16 9	12 34	4 42	9 8	4 7	0s 2	6 45	4 14	0 18	22 31	1 11	23 16	0 18	2 9	0 36	20 2	0 38	25 26	1 45	6 47	6 25	18 28		n.a.	F 14
S 15	15 51	15 12	5 5	9 31	4 1	0 11	6 55	4 31	0 19	22 33	1 11	23 15	0 18	2 10	0 36	20 3	0 38	25 26	1 45	6 47	6 26	18 28		n.a.	S 15
S 16	15 33	17 9	5 14	9 58	3 54	0 19	7 6	4 48	0 20	22 34	1 11	23 15	0 18	2 11	0 36	20 3	0 38	25 26	1 45	6 48	6 28	18 29		n.a.	S 16
M17	15 14	18 22	5 9	10 27	3 44	0 26	7 16	5 5	0 20	22 35	1 11	23 14	0 18	2 12	0 36	20 4	0 38	25 26	1 45	6 49	6 29	18 29		n.a.	M17
T 18	14 56	18 47	4 52	10 59	3 33	0 32	7 26	5 22	0 21	22 36	1 11	23 13	0 18	2 13	0 36	20 4	0 38	25 26	1 45	6 50	6 30	18 30		n.a.	T 18
W19	14 37	18 22	4 21	11 32	3 20	0 37	7 36	5 39	0 22	22 37	1 11	23 13	0 18	2 14	0 36	20 4	0 38	25 26	1 46	6 52	6 31	18 30		n.a.	W19
T 20	14 18	17 6	3 39	12 6	3 4	0 40	7 45	5 56	0 23	22 39	1 11	23 12	0 19	2 15	0 36	20 5	0 38	25 27	1 46	6 53	6 33	18 31		n.a.	T 20
F 21	13 58	15 1	2 45	12 40	2 48	0 42	7 54	6 13	0 24	22 40	1 11	23 11	0 19	2 17	0 36	20 5	0 38	25 27	1 46	6 54	6 34	18 31		n.a.	F 21
S 22	13 39	12 13	1 43	13 14	2 30	0 42	8 2	6 30	0 24	22 41	1 11	23 11	0 19	2 18	0 36	20 5	0 38	25 27	1 46	6 55	6 35	18 32		n.a.	S 22
S 23	13 19	8 48	0 35	13 48	2 11	0 42	8 10	6 47	0 25	22 42	1 11	23 10	0 19	2 19	0 36	20 6	0 38	25 27	1 46	6 55	6 36	18 32		n.a.	S 23
M24	12 59	4 54	0s36	14 19	1 52	0 40	8 17	7 4	0 26	22 43	1 11	23 9	0 19	2 20	0 36	20 6	0 38	25 27	1 46	6 55	6 38	18 32		n.a.	M24
T 25	12 39	0 43	1 47	14 48	1 32	0 36	8 23	7 21	0 27	22 44	1 11	23 9	0 19	2 22	0 36	20 7	0 38	25 27	1 46	6 55	6 39	18 33		n.a.	T 25
W26	12 18	3n34	2 53	15 15	1 12	0 32	8 29	7 38	0 27	22 45	1 11	23 8	0 19	2 23	0 36	20 7	0 38	25 27	1 46	6 55	6 40	18 33		n.a.	W26
T 27	11 57	7 44	3 50	15 38	0 53	0 25	8 34	7 55	0 28	22 45	1 11	23 8	0 19	2 24	0 36	20 7	0 38	25 27	1 46	6 54	6 41	18 34		n.a.	T 27
F 28	11 37	11 33	4 35	15 58	0 34	0 18	8 38	8 12	0 29	22 46	1 11	23 7	0 19	2 25	0 36	20 8	0 38	25 28	1 47	6 54	6 42	18 34		n.a.	F 28
S 29	11 15	14 46	5 5	16 14	0 16	0 9	8 42	8 29	0 30	22 47	1 11	23 6	0 20	2 27	0 36	20 8	0 38	25 28	1 47	6 54	6 44	18 35		n.a.	S 29
S 30	10 54	17 9	5 17	16 26	0n 1	0n 1	8 44	8 46	0 30	22 48	1 11	23 6	0 20	2 28	0 36	20 8	0 38	25 28	1 47	6 54	6 45	18 35		n.a.	S 30
M31	10n33	18n30	5s 9	16n34	0n18	0n12	8s46	9s 2	0s31	22s49	1s11	23n 5	0n20	2s29	0n36	20s 9	0s38	25n28	1n47	6n54	6n46	18s36		n.a.	M31

Julian Day Number = 1614617.5, Delta T = 03h51m11s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'30, Lahiri = - 7°59'30 Julian Calendar 1 Aug. 293 BCE == Greg. Calendar 28 July 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

SEPTEMBER 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 23 48	3♍55'59	9♋50	16♌24	8°R20	22♎26	23°R27	16♋ 6	7♎37	3°R49	26♊41	12°R37	12♍55	24♐57	n.a.	T 1
W 2	22 27 44	4°55'11	24°16	17° 8	7♍45	23° 8	23♑23	16°12	7°40	3♒47	26°42	12♍36	12°52	25° 4	n.a.	W 2
T 3	22 31 41	5°54'26	8♌41	17°59	7° 8	23°51	23°19	16°18	7°44	3°46	26°43	12°35	12°49	25°10	n.a.	T 3
F 4	22 35 38	6°53'43	22°57	18°59	6°32	24°34	23°15	16°24	7°47	3°45	26°43	12°35	12°45	25°17	n.a.	F 4
S 5	22 39 34	7°53'02	7♍ 0	20° 5	5°55	25°17	23°12	16°30	7°50	3°43	26°44	12°D35	12°42	25°24	n.a.	S 5
S 6	22 43 31	8°52'23	20°47	21°17	5°19	26° 0	23° 8	16°36	7°54	3°42	26°45	12°35	12°39	25°30	n.a.	S 6
M 7	22 47 27	9°51'46	4♎14	22°35	4°43	26°43	23° 5	16°41	7°57	3°41	26°45	12°35	12°36	25°37	n.a.	M 7
T 8	22 51 24	10°51'11	17°21	23°58	4° 8	27°26	23° 2	16°47	8° 1	3°40	26°46	12°35	12°33	25°44	n.a.	T 8
W 9	22 55 20	11°50'39	0♏ 8	25°25	3°34	28° 9	22°59	16°52	8° 4	3°38	26°46	12°35	12°29	25°51	n.a.	W 9
T 10	22 59 17	12°50'08	12°36	26°55	3° 1	28°53	22°57	16°58	8° 8	3°37	26°47	12°R35	12°26	25°57	n.a.	T 10
F 11	23 3 13	13°49'39	24°49	28°29	2°29	29°36	22°54	17° 3	8°11	3°36	26°48	12°35	12°23	26° 4	n.a.	F 11
S 12	23 7 10	14°49'12	6♐51	0♍ 4	1°59	0♏19	22°52	17° 8	8°15	3°35	26°48	12°35	12°20	26°11	n.a.	S 12
S 13	23 11 6	15°48'47	18°46	1°42	1°31	1° 3	22°50	17°14	8°18	3°34	26°49	12°D35	12°17	26°17	n.a.	S 13
M14	23 15 3	16°48'24	0♑39	3°21	1° 4	1°47	22°48	17°19	8°22	3°33	26°49	12°35	12°14	26°24	n.a.	M14
T 15	23 19 0	17°48'02	12°34	5° 2	0°40	2°30	22°46	17°24	8°25	3°31	26°50	12°35	12°10	26°31	n.a.	T 15
W16	23 22 56	18°47'43	24°36	6°43	0°17	3°14	22°45	17°29	8°29	3°30	26°50	12°36	12° 7	26°38	n.a.	W16
T 17	23 26 53	19°47'25	6♒48	8°25	29♌57	3°58	22°44	17°34	8°32	3°29	26°50	12°37	12° 4	26°44	n.a.	T 17
F 18	23 30 49	20°47'09	19°15	10° 7	29°39	4°42	22°43	17°38	8°36	3°28	26°51	12°38	12° 1	26°51	n.a.	F 18
S 19	23 34 46	21°46'55	1♓58	11°50	29°24	5°26	22°42	17°43	8°40	3°27	26°51	12°38	11°58	26°58	n.a.	S 19
S 20	23 38 42	22°46'44	14°58	13°32	29°11	6°10	22°41	17°48	8°43	3°27	26°51	12°R38	11°54	27° 4	n.a.	S 20
M21	23 42 39	23°46'34	28°15	15°15	29° 0	6°54	22°41	17°52	8°47	3°26	26°52	12°38	11°51	27°11	n.a.	M21
T 22	23 46 35	24°46'26	11♈49	16°57	28°52	7°38	22°41	17°57	8°51	3°25	26°52	12°37	11°48	27°18	n.a.	T 22
W23	23 50 32	25°46'20	25°37	18°40	28°46	8°23	22°D41	18° 1	8°54	3°24	26°52	12°35	11°45	27°25	n.a.	W23
T 24	23 54 29	26°46'17	9♉37	20°22	28°43	9° 7	22°41	18° 6	8°58	3°23	26°52	12°34	11°42	27°31	n.a.	T 24
F 25	23 58 25	27°46'16	23°44	22° 3	28°D42	9°51	22°41	18°10	9° 2	3°22	26°53	12°32	11°39	27°38	n.a.	F 25
S 26	0 2 22	28°46'17	7♊55	23°44	28°44	10°36	22°42	18°14	9° 5	3°21	26°53	12°30	11°35	27°45	n.a.	S 26
S 27	0 6 18	29°46'20	22° 8	25°25	28°48	11°20	22°42	18°18	9° 9	3°21	26°53	12°29	11°32	27°51	n.a.	S 27
M28	0 10 15	0♎46'26	6♋20	27° 6	28°54	12° 5	22°43	18°22	9°13	3°20	26°53	12°D29	11°29	27°58	n.a.	M28
T 29	0 14 11	1°46'34	20°28	28°46	29° 3	12°49	22°45	18°26	9°17	3°19	26°53	12°30	11°26	28° 5	n.a.	T 29
W30	0 18 8	2♎46'44	4♌32	0♎25	29♌14	13♏34	22♑46	18♋30	9♎20	3♒19	26♊53	12♍31	11♍23	28♐12	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	10n11	18n41	4s42	16n38	0n33	0n24	8s47	9s19	0s32	22s49	1s11	23n 4	0n20	2s31	0n36	20s 9	0s38	25n28	1n47	6n54	6n47	18s36		n.a.	T 1
W 2	9 49	17 38	3 57	16 38	0 46	0 38	8 46	9 36	0 32	22 50	1 10	23 4	0 20	2 32	0 36	20 9	0 38	25 28	1 47	6 55	6 49	18 37		n.a.	W 2
T 3	9 27	15 28	2 57	16 33	0 59	0 52	8 45	9 53	0 33	22 51	1 10	23 3	0 20	2 33	0 36	20 10	0 38	25 28	1 47	6 55	6 50	18 37		n.a.	T 3
F 4	9 5	12 21	1 47	16 25	1 10	1 8	8 43	10 9	0 34	22 51	1 10	23 3	0 20	2 35	0 36	20 10	0 38	25 28	1 47	6 55	6 51	18 37		n.a.	F 4
S 5	8 43	8 34	0 31	16 14	1 20	1 24	8 40	10 26	0 34	22 52	1 10	23 2	0 20	2 36	0 36	20 10	0 38	25 29	1 47	6 55	6 52	18 38		n.a.	S 5
S 6	8 20	4 23	0n45	15 58	1 29	1 41	8 36	10 42	0 35	22 52	1 10	23 1	0 21	2 37	0 36	20 10	0 38	25 29	1 48	6 55	6 54	18 38		n.a.	S 6
M 7	7 58	0 5	1 57	15 40	1 36	1 58	8 31	10 59	0 36	22 53	1 10	23 1	0 21	2 39	0 36	20 11	0 38	25 29	1 48	6 55	6 55	18 39		n.a.	M 7
T 8	7 35	4s 6	3 1	15 18	1 42	2 16	8 25	11 15	0 37	22 53	1 10	23 0	0 21	2 40	0 36	20 11	0 38	25 29	1 48	6 55	6 56	18 39		n.a.	T 8
W 9	7 12	8 0	3 54	14 53	1 47	2 35	8 18	11 31	0 37	22 54	1 10	23 0	0 21	2 42	0 36	20 11	0 38	25 29	1 48	6 55	6 57	18 39		n.a.	W 9
T 10	6 49	11 26	4 35	14 25	1 51	2 54	8 11	11 48	0 38	22 54	1 10	22 59	0 21	2 43	0 36	20 12	0 38	25 29	1 48	6 55	6 58	18 40		n.a.	T 10
F 11	6 26	14 19	5 2	13 55	1 54	3 12	8 3	12 4	0 38	22 54	1 10	22 58	0 21	2 44	0 36	20 12	0 38	25 29	1 48	6 55	7 0	18 40		n.a.	F 11
S 12	6 3	16 32	5 16	13 23	1 56	3 32	7 54	12 20	0 39	22 54	1 10	22 58	0 21	2 46	0 35	20 12	0 38	25 29	1 48	6 55	7 1	18 41		n.a.	S 12
S 13	5 40	18 1	5 15	12 49	1 57	3 51	7 44	12 36	0 40	22 55	1 10	22 57	0 21	2 47	0 35	20 12	0 38	25 30	1 48	6 55	7 2	18 41		n.a.	S 13
M14	5 16	18 42	5 2	12 13	1 58	4 9	7 34	12 52	0 40	22 55	1 10	22 57	0 21	2 49	0 35	20 13	0 38	25 30	1 48	6 55	7 3	18 41		n.a.	M14
T 15	4 53	18 34	4 35	11 36	1 57	4 28	7 23	13 8	0 41	22 55	1 9	22 56	0 22	2 50	0 35	20 13	0 38	25 30	1 49	6 55	7 5	18 42		n.a.	T 15
W16	4 29	17 35	3 56	10 57	1 56	4 46	7 12	13 24	0 42	22 55	1 9	22 56	0 22	2 52	0 35	20 13	0 38	25 30	1 49	6 55	7 6	18 42		n.a.	W16
T 17	4 5	15 48	3 6	10 17	1 54	5 4	7 0	13 39	0 42	22 55	1 9	22 55	0 22	2 53	0 35	20 13	0 38	25 30	1 49	6 54	7 7	18 43		n.a.	T 17
F 18	3 42	13 14	2 6	9 36	1 52	5 22	6 48	13 55	0 43	22 55	1 9	22 55	0 22	2 55	0 35	20 14	0 38	25 30	1 49	6 54	7 8	18 43		n.a.	F 18
S 19	3 18	9 59	0 59	8 54	1 49	5 39	6 35	14 10	0 43	22 56	1 9	22 54	0 22	2 56	0 35	20 14	0 38	25 30	1 49	6 54	7 9	18 43		n.a.	S 19
S 20	2 54	6 11	0s13	8 11	1 46	5 56	6 23	14 26	0 44	22 56	1 9	22 54	0 22	2 57	0 35	20 14	0 38	25 30	1 49	6 54	7 11	18 44		n.a.	S 20
M21	2 30	2 0	1 25	7 27	1 43	6 11	6 10	14 41	0 45	22 56	1 9	22 53	0 22	2 59	0 35	20 14	0 38	25 31	1 49	6 54	7 12	18 44		n.a.	M21
T 22	2 6	2n22	2 35	6 43	1 39	6 26	5 57	14 56	0 45	22 55	1 9	22 53	0 22	3 0	0 35	20 15	0 38	25 31	1 49	6 54	7 13	18 45		n.a.	T 22
W23	1 42	6 40	3 36	5 59	1 34	6 41	5 43	15 11	0 46	22 55	1 9	22 52	0 23	3 2	0 35	20 15	0 38	25 31	1 49	6 55	7 14	18 45		n.a.	W23
T 24	1 18	10 41	4 25	5 14	1 29	6 54	5 30	15 26	0 46	22 55	1 8	22 52	0 23	3 3	0 35	20 15	0 38	25 31	1 50	6 56	7 16	18 45		n.a.	T 24
F 25	0 54	14 6	4 59	4 29	1 24	7 7	5 17	15 41	0 47	22 55	1 8	22 51	0 23	3 5	0 35	20 15	0 38	25 31	1 50	6 56	7 17	18 46		n.a.	F 25
S 26	0 30	16 43	5 15	3 43	1 19	7 19	5 3	15 56	0 48	22 55	1 8	22 51	0 23	3 6	0 35	20 15	0 38	25 31	1 50	6 57	7 18	18 46		n.a.	S 26
S 27	0 5	18 19	5 11	2 58	1 14	7 30	4 50	16 10	0 48	22 55	1 8	22 51	0 23	3 8	0 35	20 15	0 38	25 31	1 50	6 57	7 19	18 46		n.a.	S 27
M28	0s19	18 46	4 49	2 12	1 8	7 41	4 37	16 25	0 49	22 54	1 8	22 50	0 23	3 9	0 35	20 16	0 38	25 31	1 50	6 57	7 21	18 47		n.a.	M28
T 29	0 43	18 3	4 9	1 27	1 2	7 50	4 23	16 39	0 49	22 54	1 8	22 50	0 23	3 11	0 35	20 16	0 38	25 32	1 50	6 57	7 22	18 47		n.a.	T 29
W30	1s 7	16n13	3s15	0n41	0n56	7n58	4s10	16s53	0s50	22s54	1s 8	22n49	0n24	3s12	0n35	20s16	0s38	25n32	1n50	6n57	7n23	18s47		n.a.	W30

Julian Day Number = 1614648.5, Delta T = 03h51m10s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'26, Lahiri = - 7°59'25 Julian Calendar 1 Sept. 293 BCE == Greg. Calendar 28 Aug. 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

OCTOBER 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 22 4	3♎46'57	18♌28	2♎ 4	29♌27	14♏19	22♑48	18♋34	9♎24	3°R18	26♊53	12♍33	11♍20	28♐18	n.a.	T 1
F 2	0 26 1	4°47'11	2♍15	3°43	29°42	15° 4	22°49	18°37	9°28	3♒17	26°R53	12°34	11°16	28°25	n.a.	F 2
S 3	0 29 57	5°47'28	15°52	5°21	29°59	15°49	22°51	18°41	9°32	3°17	26°53	12°R34	11°13	28°32	n.a.	S 3
S 4	0 33 54	6°47'46	29°16	6°59	0♍18	16°34	22°53	18°44	9°35	3°16	26°53	12°33	11°10	28°39	n.a.	S 4
M 5	0 37 51	7°48'06	12♎27	8°36	0°40	17°19	22°56	18°47	9°39	3°16	26°53	12°31	11° 7	28°45	n.a.	M 5
T 6	0 41 47	8°48'29	25°23	10°13	1° 3	18° 4	22°58	18°51	9°43	3°15	26°53	12°27	11° 4	28°52	n.a.	T 6
W 7	0 45 44	9°48'53	8♏ 3	11°49	1°27	18°49	23° 1	18°54	9°47	3°15	26°53	12°23	11° 0	28°59	n.a.	W 7
T 8	0 49 40	10°49'18	20°28	13°25	1°54	19°34	23° 4	18°57	9°51	3°15	26°53	12°18	10°57	29° 5	n.a.	T 8
F 9	0 53 37	11°49'46	2♐40	15° 1	2°22	20°20	23° 7	19° 0	9°54	3°14	26°53	12°13	10°54	29°12	n.a.	F 9
S 10	0 57 33	12°50'14	14°42	16°36	2°52	21° 5	23°11	19° 2	9°58	3°14	26°52	12° 9	10°51	29°19	n.a.	S 10
S 11	1 1 30	13°50'45	26°36	18°11	3°23	21°50	23°14	19° 5	10° 2	3°14	26°52	12° 6	10°48	29°26	n.a.	S 11
M12	1 5 26	14°51'17	8♑27	19°46	3°56	22°36	23°18	19° 8	10° 6	3°13	26°52	12° 4	10°45	29°32	n.a.	M12
T 13	1 9 23	15°51'50	20°21	21°20	4°30	23°21	23°22	19°10	10° 9	3°13	26°52	12°D 4	10°41	29°39	n.a.	T 13
W14	1 13 20	16°52'25	2♒21	22°54	5° 6	24° 7	23°26	19°13	10°13	3°13	26°51	12° 5	10°38	29°46	n.a.	W14
T 15	1 17 16	17°53'00	14°33	24°28	5°43	24°53	23°30	19°15	10°17	3°13	26°51	12° 7	10°35	29°52	n.a.	T 15
F 16	1 21 13	18°53'38	27° 1	26° 1	6°22	25°38	23°35	19°17	10°21	3°13	26°51	12° 8	10°32	29°59	n.a.	F 16
S 17	1 25 9	19°54'16	9♓49	27°35	7° 1	26°24	23°40	19°19	10°24	3°12	26°50	12°R 9	10°29	0♑ 6	n.a.	S 17
S 18	1 29 6	20°54'56	23° 0	29° 8	7°42	27°10	23°44	19°21	10°28	3°12	26°50	12° 9	10°25	0°13	n.a.	S 18
M19	1 33 2	21°55'38	6♈35	0♏40	8°24	27°56	23°49	19°23	10°32	3°D12	26°49	12° 6	10°22	0°19	n.a.	M19
T 20	1 36 59	22°56'20	20°33	2°13	9° 7	28°42	23°55	19°25	10°35	3°12	26°49	12° 2	10°19	0°26	n.a.	T 20
W21	1 40 55	23°57'05	4♉49	3°45	9°51	29°27	24° 0	19°26	10°39	3°12	26°49	11°56	10°16	0°33	n.a.	W21
T 22	1 44 52	24°57'50	19°18	5°17	10°36	0♐13	24° 6	19°28	10°43	3°12	26°48	11°49	10°13	0°39	n.a.	T 22
F 23	1 48 49	25°58'38	3♊54	6°49	11°23	0°59	24°11	19°29	10°47	3°13	26°48	11°42	10°10	0°46	n.a.	F 23
S 24	1 52 45	26°59'27	18°30	8°21	12°10	1°45	24°17	19°31	10°50	3°13	26°47	11°36	10° 6	0°53	n.a.	S 24
S 25	1 56 42	28° 0'17	3♋ 0	9°52	12°58	2°32	24°23	19°32	10°54	3°13	26°46	11°31	10° 3	1° 0	n.a.	S 25
M26	2 0 38	29° 1'09	17°18	11°24	13°47	3°18	24°30	19°33	10°57	3°13	26°46	11°29	10° 0	1° 6	n.a.	M26
T 27	2 4 35	0♏ 2'03	1♌23	12°55	14°37	4° 4	24°36	19°34	11° 1	3°13	26°45	11°D28	9°57	1°13	n.a.	T 27
W28	2 8 31	1° 2'58	15°14	14°26	15°28	4°50	24°43	19°35	11° 5	3°14	26°45	11°29	9°54	1°20	n.a.	W28
T 29	2 12 28	2° 3'55	28°51	15°56	16°19	5°37	24°49	19°36	11° 8	3°14	26°44	11°30	9°51	1°26	n.a.	T 29
F 30	2 16 24	3° 4'53	12♍15	17°27	17°12	6°23	24°56	19°36	11°12	3°14	26°43	11°R30	9°47	1°33	n.a.	F 30
S 31	2 20 21	4♏ 5'53	25♍27	18♏56	18♍ 5	7♐ 9	25♑ 3	19♋37	11♎15	3♒15	26♊43	11♍29	9♍44	1♑40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1s31	13n26	2s 9	0s 4	0n50	8n 6	3s57	17s 8	0s50	22s53	1s 8	22n49	0n24	3s14	0n35	20s16	0s38	25n32	1n50	6n56	7n24	18s48			n.a.
F 2	1 55	9 55	0 57	0 49	0 44	8 13	3 44	17 21	0 51	22 53	1 8	22 49	0 24	3 15	0 35	20 16	0 38	25 32	1 50	6 56	7 25	18 48			n.a.
S 3	2 20	5 55	0n18	1 35	0 38	8 19	3 32	17 35	0 51	22 52	1 7	22 48	0 24	3 17	0 35	20 16	0 38	25 32	1 51	6 55	7 27	18 48			n.a.
S 4	2 44	1 40	1 31	2 20	0 31	8 24	3 19	17 49	0 52	22 52	1 7	22 48	0 24	3 18	0 35	20 16	0 38	25 32	1 51	6 56	7 28	18 49			n.a.
M 5	3 8	2s34	2 37	3 4	0 25	8 28	3 7	18 2	0 52	22 51	1 7	22 48	0 24	3 20	0 35	20 17	0 38	25 32	1 51	6 57	7 29	18 49			n.a.
T 6	3 32	6 37	3 34	3 49	0 18	8 31	2 55	18 16	0 53	22 51	1 7	22 47	0 24	3 21	0 35	20 17	0 38	25 32	1 51	6 58	7 30	18 49			n.a.
W 7	3 56	10 17	4 19	4 33	0 12	8 33	2 43	18 29	0 53	22 50	1 7	22 47	0 25	3 23	0 35	20 17	0 38	25 32	1 51	7 0	7 31	18 50			n.a.
T 8	4 20	13 25	4 50	5 17	0 5	8 35	2 31	18 42	0 54	22 50	1 7	22 47	0 25	3 24	0 35	20 17	0 38	25 33	1 51	7 2	7 33	18 50			n.a.
F 9	4 44	15 54	5 8	6 0	0s 2	8 35	2 20	18 55	0 54	22 49	1 7	22 46	0 25	3 26	0 35	20 17	0 38	25 33	1 51	7 4	7 34	18 50			n.a.
S 10	5 8	17 40	5 12	6 44	0 8	8 35	2 8	19 7	0 55	22 48	1 7	22 46	0 25	3 27	0 35	20 17	0 38	25 33	1 51	7 5	7 35	18 51			n.a.
S 11	5 32	18 39	5 3	7 26	0 15	8 34	1 57	19 20	0 55	22 47	1 6	22 46	0 25	3 29	0 35	20 17	0 38	25 33	1 51	7 6	7 36	18 51			n.a.
M12	5 55	18 48	4 40	8 9	0 21	8 32	1 46	19 32	0 56	22 47	1 6	22 46	0 25	3 30	0 35	20 17	0 38	25 33	1 52	7 7	7 38	18 51			n.a.
T 13	6 19	18 7	4 6	8 51	0 28	8 29	1 36	19 44	0 56	22 46	1 6	22 45	0 25	3 32	0 35	20 17	0 38	25 33	1 52	7 7	7 39	18 52			n.a.
W14	6 42	16 38	3 20	9 32	0 34	8 26	1 26	19 56	0 56	22 45	1 6	22 45	0 26	3 33	0 35	20 17	0 38	25 33	1 52	7 7	7 40	18 52			n.a.
T 15	7 6	14 22	2 25	10 13	0 41	8 21	1 15	20 8	0 57	22 44	1 6	22 45	0 26	3 35	0 35	20 17	0 38	25 33	1 52	7 6	7 41	18 52			n.a.
F 16	7 29	11 23	1 22	10 54	0 47	8 16	1 6	20 20	0 57	22 43	1 6	22 45	0 26	3 36	0 35	20 17	0 38	25 33	1 52	7 5	7 42	18 53			n.a.
S 17	7 52	7 47	0 13	11 34	0 53	8 11	0 56	20 31	0 58	22 42	1 6	22 45	0 26	3 38	0 35	20 17	0 38	25 34	1 52	7 5	7 44	18 53			n.a.
S 18	8 16	3 42	0s59	12 13	0 59	8 4	0 46	20 42	0 58	22 41	1 6	22 45	0 26	3 39	0 35	20 17	0 38	25 34	1 52	7 5	7 45	18 53			n.a.
M19	8 39	0n41	2 9	12 52	1 5	7 57	0 37	20 53	0 59	22 40	1 5	22 44	0 26	3 41	0 35	20 17	0 38	25 34	1 52	7 6	7 46	18 53			n.a.
T 20	9 1	5 9	3 13	13 30	1 11	7 49	0 28	21 4	0 59	22 39	1 5	22 44	0 26	3 42	0 35	20 17	0 38	25 34	1 53	7 8	7 47	18 54			n.a.
W21	9 24	9 25	4 6	14 7	1 17	7 40	0 20	21 15	0 59	22 38	1 5	22 44	0 27	3 44	0 35	20 17	0 38	25 34	1 53	7 10	7 49	18 54			n.a.
T 22	9 47	13 12	4 45	14 44	1 23	7 30	0 11	21 25	1 0	22 37	1 5	22 44	0 27	3 45	0 35	20 17	0 38	25 34	1 53	7 13	7 50	18 54			n.a.
F 23	10 9	16 11	5 5	15 20	1 28	7 20	0 3	21 35	1 0	22 36	1 5	22 44	0 27	3 47	0 35	20 17	0 38	25 34	1 53	7 15	7 51	18 55			n.a.
S 24	10 31	18 9	5 6	15 56	1 33	7 10	0n 5	21 45	1 0	22 35	1 5	22 44	0 27	3 48	0 35	20 17	0 38	25 34	1 53	7 18	7 52	18 55			n.a.
S 25	10 53	18 55	4 47	16 30	1 38	6 58	0 13	21 55	1 1	22 34	1 5	22 44	0 27	3 49	0 35	20 17	0 38	25 34	1 53	7 20	7 53	18 55			n.a.
M26	11 15	18 27	4 10	17 4	1 43	6 46	0 21	22 4	1 1	22 32	1 5	22 44	0 27	3 51	0 35	20 17	0 38	25 34	1 53	7 21	7 55	18 55			n.a.
T 27	11 37	16 51	3 19	17 37	1 48	6 33	0 28	22 13	1 2	22 31	1 4	22 44	0 27	3 52	0 35	20 17	0 38	25 35	1 53	7 21	7 56	18 56			n.a.
W28	11 59	14 17	2 17	18 9	1 53	6 20	0 35	22 22	1 2	22 30	1 4	22 44	0 28	3 54	0 35	20 17	0 38	25 35	1 53	7 21	7 57	18 56			n.a.
T 29	12 20	10 57	1 8	18 40	1 57	6 6	0 42	22 31	1 2	22 28	1 4	22 44	0 28	3 55	0 35	20 17	0 38	25 35	1 54	7 20	7 58	18 56			n.a.
F 30	12 41	7 6	0n 4	19 10	2 1	5 52	0 49	22 40	1 2	22 27	1 4	22 44	0 28	3 57	0 35	20 17	0 38	25 35	1 54	7 20	7 59	18 56			n.a.
S 31	13s 2	2n58	1n14	19s39	2s 4	5n37	0n55	22s48	1s 3	22s26	1s 4	22n44	0n28	3s58	0n35	20s17	0s38	25n35	1n54	7n20	8n 1	18s57			n.a.

Julian Day Number = 1614678.5, Delta T = 03h51m09s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'22, Lahiri = - 7°59'21 Julian Calendar 1 Oct. 293 BCE == Greg. Calendar 27 Sept. 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

NOVEMBER 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 24 18	5♏ 6'54	8♎27	20♏26	18♍58	7♐56	25♑11	19♋37	11♎19	3♒15	26°R42	11°R26	9♍41	1♑47	n.a.	S 1
M 2	2 28 14	6° 7'56	21°16	21°55	19°53	8°42	25°18	19°37	11°22	3°16	26♊41	11♍20	9°38	1°53	n.a.	M 2
T 3	2 32 11	7° 8'59	3♏55	23°24	20°48	9°29	25°26	19°38	11°26	3°16	26°40	11°12	9°35	2° 0	n.a.	T 3
W 4	2 36 7	8°10'03	16°23	24°52	21°43	10°15	25°33	19°R38	11°29	3°17	26°40	11° 1	9°31	2° 7	n.a.	W 4
T 5	2 40 4	9°11'08	28°40	26°19	22°40	11° 2	25°41	19°38	11°33	3°17	26°39	10°49	9°28	2°13	n.a.	T 5
F 6	2 44 0	10°12'15	10♐47	27°46	23°37	11°48	25°49	19°37	11°36	3°18	26°38	10°38	9°25	2°20	n.a.	F 6
S 7	2 47 57	11°13'22	22°45	29°11	24°34	12°35	25°57	19°37	11°40	3°18	26°37	10°27	9°22	2°27	n.a.	S 7
S 8	2 51 53	12°14'29	4♑38	0♐36	25°32	13°22	26° 6	19°37	11°43	3°19	26°36	10°18	9°19	2°34	n.a.	S 8
M 9	2 55 50	13°15'37	16°27	1°59	26°30	14° 9	26°14	19°36	11°47	3°20	26°35	10°12	9°16	2°40	n.a.	M 9
T 10	2 59 47	14°16'46	28°18	3°20	27°29	14°55	26°23	19°36	11°50	3°20	26°34	10° 8	9°12	2°47	n.a.	T 10
W11	3 3 43	15°17'56	10♒14	4°40	28°29	15°42	26°32	19°35	11°53	3°21	26°33	10°D 7	9° 9	2°54	n.a.	W11
T 12	3 7 40	16°19'05	22°22	5°58	29°29	16°29	26°40	19°34	11°56	3°22	26°32	10° 7	9° 6	3° 0	n.a.	T 12
F 13	3 11 36	17°20'15	4♓46	7°13	0♎29	17°16	26°49	19°33	12° 0	3°23	26°32	10°R 7	9° 3	3° 7	n.a.	F 13
S 14	3 15 33	18°21'26	17°31	8°25	1°30	18° 3	26°59	19°32	12° 3	3°24	26°31	10° 7	9° 0	3°14	n.a.	S 14
S 15	3 19 29	19°22'37	0♈43	9°34	2°31	18°49	27° 8	19°31	12° 6	3°25	26°30	10° 5	8°57	3°20	n.a.	S 15
M16	3 23 26	20°23'48	14°23	10°40	3°33	19°36	27°17	19°30	12° 9	3°26	26°29	10° 1	8°53	3°27	n.a.	M16
T 17	3 27 22	21°24'59	28°31	11°40	4°35	20°23	27°27	19°28	12°12	3°26	26°27	9°54	8°50	3°34	n.a.	T 17
W18	3 31 19	22°26'11	13♉ 4	12°36	5°38	21°10	27°37	19°27	12°16	3°27	26°26	9°44	8°47	3°41	n.a.	W18
T 19	3 35 16	23°27'23	27°57	13°26	6°40	21°57	27°46	19°25	12°19	3°29	26°25	9°33	8°44	3°47	n.a.	T 19
F 20	3 39 12	24°28'36	13♊ 0	14° 9	7°44	22°44	27°56	19°24	12°22	3°30	26°24	9°22	8°41	3°54	n.a.	F 20
S 21	3 43 9	25°29'49	28° 4	14°45	8°47	23°31	28° 6	19°22	12°25	3°31	26°23	9°11	8°37	4° 1	n.a.	S 21
S 22	3 47 5	26°31'03	12♋57	15°12	9°51	24°18	28°16	19°20	12°28	3°32	26°22	9° 3	8°34	4° 7	n.a.	S 22
M23	3 51 2	27°32'18	27°34	15°29	10°55	25° 6	28°27	19°18	12°31	3°33	26°21	8°58	8°31	4°14	n.a.	M23
T 24	3 54 58	28°33'32	11♌50	15°R37	12° 0	25°53	28°37	19°16	12°34	3°34	26°20	8°55	8°28	4°21	n.a.	T 24
W25	3 58 55	29°34'48	25°44	15°34	13° 4	26°40	28°48	19°14	12°36	3°35	26°19	8°D54	8°25	4°28	n.a.	W25
T 26	4 2 51	0♐36'03	9♍16	15°19	14°10	27°27	28°58	19°11	12°39	3°37	26°18	8°R54	8°22	4°34	n.a.	T 26
F 27	4 6 48	1°37'20	22°28	14°52	15°15	28°14	29° 9	19° 9	12°42	3°38	26°16	8°53	8°18	4°41	n.a.	F 27
S 28	4 10 45	2°38'36	5♎24	14°14	16°21	29° 1	29°20	19° 6	12°45	3°39	26°15	8°51	8°15	4°48	n.a.	S 28
S 29	4 14 41	3°39'53	18° 7	13°24	17°27	29°49	29°31	19° 4	12°48	3°40	26°14	8°46	8°12	4°54	n.a.	S 29
M30	4 18 38	4♐41'10	0♏38	12♐24	18♎33	0♑36	29♑42	19♋ 1	12♎50	3♒42	26♊13	8♍38	8♍ 9	5♑ 1	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s23	1s16	2n19	20s 7	2s 8	5n21	1n 1	22s56	1s 3	22s24	1s 4	22n44	0n28	3s59	0n35	20s16	0s38	25n35	1n54	7n22	8n 2	18s57		n.a.
M 2	13 44	5 22	3 16	20 34	2 11	5 5	1 8	23 4	1 3	22 23	1 4	22 44	0 28	4 1	0 35	20 16	0 38	25 35	1 54	7 24	8 3	18 57		n.a.
T 3	14 4	9 10	4 3	21 0	2 14	4 49	1 13	23 11	1 4	22 21	1 4	22 45	0 28	4 2	0 35	20 16	0 38	25 35	1 54	7 27	8 4	18 57		n.a.
W 4	14 24	12 31	4 37	21 24	2 16	4 32	1 19	23 19	1 4	22 20	1 4	22 45	0 29	4 4	0 35	20 16	0 38	25 35	1 54	7 31	8 6	18 58		n.a.
T 5	14 44	15 16	4 57	21 48	2 18	4 14	1 24	23 26	1 4	22 18	1 3	22 45	0 29	4 5	0 35	20 16	0 38	25 35	1 54	7 36	8 7	18 58		n.a.
F 6	15 3	17 19	5 4	22 9	2 19	3 56	1 30	23 32	1 5	22 16	1 3	22 45	0 29	4 6	0 35	20 16	0 38	25 35	1 54	7 40	8 8	18 58		n.a.
S 7	15 23	18 35	4 57	22 30	2 20	3 38	1 35	23 39	1 5	22 15	1 3	22 45	0 29	4 8	0 35	20 16	0 38	25 35	1 54	7 44	8 9	18 58		n.a.
S 8	15 42	19 2	4 37	22 49	2 20	3 19	1 40	23 45	1 5	22 13	1 3	22 45	0 29	4 9	0 35	20 15	0 38	25 36	1 55	7 48	8 10	18 58		n.a.
M 9	16 0	18 38	4 6	23 6	2 20	3 0	1 44	23 51	1 5	22 11	1 3	22 46	0 29	4 10	0 35	20 15	0 38	25 36	1 55	7 50	8 12	18 59		n.a.
T 10	16 19	17 26	3 23	23 21	2 20	2 40	1 49	23 57	1 6	22 10	1 3	22 46	0 30	4 12	0 35	20 15	0 38	25 36	1 55	7 52	8 13	18 59		n.a.
W11	16 37	15 27	2 32	23 35	2 18	2 20	1 53	24 2	1 6	22 8	1 3	22 46	0 30	4 13	0 35	20 15	0 38	25 36	1 55	7 52	8 14	18 59		n.a.
T 12	16 55	12 45	1 33	23 48	2 16	2 0	1 57	24 8	1 6	22 6	1 3	22 46	0 30	4 14	0 35	20 15	0 38	25 36	1 55	7 52	8 15	18 59		n.a.
F 13	17 13	9 26	0 28	23 58	2 13	1 39	2 1	24 13	1 6	22 4	1 3	22 47	0 30	4 15	0 35	20 15	0 38	25 36	1 55	7 52	8 16	19 0		n.a.
S 14	17 30	5 35	0s39	24 6	2 9	1 18	2 5	24 17	1 6	22 2	1 3	22 47	0 30	4 17	0 35	20 14	0 38	25 36	1 55	7 52	8 18	19 0		n.a.
S 15	17 47	1 21	1 47	24 13	2 5	0 56	2 8	24 22	1 7	22 0	1 2	22 47	0 30	4 18	0 35	20 14	0 38	25 36	1 55	7 53	8 19	19 0		n.a.
M16	18 4	3n 6	2 51	24 17	1 59	0 35	2 11	24 26	1 7	21 58	1 2	22 48	0 30	4 19	0 35	20 14	0 38	25 36	1 55	7 54	8 20	19 0		n.a.
T 17	18 20	7 33	3 47	24 19	1 53	0 13	2 15	24 29	1 7	21 56	1 2	22 48	0 31	4 20	0 35	20 14	0 37	25 36	1 55	7 57	8 21	19 0		n.a.
W18	18 36	11 40	4 30	24 19	1 45	0s10	2 18	24 33	1 7	21 54	1 2	22 48	0 31	4 22	0 35	20 13	0 37	25 36	1 56	8 1	8 22	19 1		n.a.
T 19	18 52	15 9	4 55	24 17	1 36	0 32	2 20	24 36	1 7	21 52	1 2	22 49	0 31	4 23	0 35	20 13	0 37	25 36	1 56	8 5	8 24	19 1		n.a.
F 20	19 7	17 40	5 0	24 12	1 26	0 55	2 23	24 39	1 8	21 50	1 2	22 49	0 31	4 24	0 35	20 13	0 37	25 36	1 56	8 9	8 25	19 1		n.a.
S 21	19 22	18 58	4 45	24 5	1 15	1 18	2 26	24 42	1 8	21 48	1 2	22 50	0 31	4 25	0 35	20 13	0 37	25 37	1 56	8 13	8 26	19 1		n.a.
S 22	19 37	18 56	4 11	23 55	1 2	1 41	2 28	24 44	1 8	21 46	1 2	22 50	0 31	4 26	0 35	20 12	0 37	25 37	1 56	8 16	8 27	19 1		n.a.
M23	19 51	17 38	3 20	23 43	0 48	2 5	2 30	24 46	1 8	21 44	1 2	22 50	0 32	4 27	0 35	20 12	0 37	25 37	1 56	8 18	8 28	19 1		n.a.
T 24	20 5	15 14	2 18	23 29	0 32	2 28	2 32	24 48	1 8	21 41	1 2	22 51	0 32	4 29	0 35	20 12	0 37	25 37	1 56	8 19	8 30	19 2		n.a.
W25	20 18	12 1	1 9	23 12	0 16	2 52	2 34	24 49	1 8	21 39	1 2	22 51	0 32	4 30	0 36	20 11	0 37	25 37	1 56	8 20	8 31	19 2		n.a.
T 26	20 31	8 13	0n 2	22 52	0n 2	3 16	2 35	24 51	1 8	21 37	1 2	22 52	0 32	4 31	0 36	20 11	0 37	25 37	1 56	8 20	8 32	19 2		n.a.
F 27	20 44	4 7	1 11	22 31	0 21	3 40	2 37	24 51	1 8	21 35	1 1	22 52	0 32	4 32	0 36	20 11	0 37	25 37	1 56	8 20	8 33	19 2		n.a.
S 28	20 56	0s 7	2 15	22 7	0 41	4 4	2 38	24 52	1 9	21 32	1 1	22 53	0 32	4 33	0 36	20 11	0 37	25 37	1 57	8 21	8 34	19 2		n.a.
S 29	21 8	4 15	3 11	21 41	1 1	4 28	2 40	24 52	1 9	21 30	1 1	22 53	0 32	4 34	0 36	20 10	0 37	25 37	1 57	8 23	8 36	19 2		n.a.
M30	21s20	8s 8	3n57	21s13	1n21	4s53	2n41	24s52	1s 9	21s27	1s 1	22n54	0n33	4s35	0n36	20s10	0s37	25n37	1n57	8n26	8n37	19s 3		n.a.

Julian Day Number = 1614709.5, Delta T = 03h51m08s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'18, Lahiri = - 7°59'17 Julian Calendar 1 Nov. 293 BCE == Greg. Calendar 28 Oct. 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 293 BCE
geocentric

DECEMBER 293 BCE (-292) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 22 34	5♐42'27	13♏ 0	11°R16	19♎39	1♑23	29♑53	18°R58	12♎53	3♒43	26°R12	8°R27	8♍ 6	5♑ 8	n.a.	T 1
W 2	4 26 31	6°43'44	25°13	10♐ 1	20°46	2°10	0♒ 4	18♋55	12°56	3°45	26♊10	8♍13	8° 3	5°15	n.a.	W 2
T 3	4 30 27	7°45'02	7♐19	8°41	21°53	2°58	0°16	18°52	12°58	3°46	26° 9	7°58	7°59	5°21	n.a.	T 3
F 4	4 34 24	8°46'19	19°19	7°20	23° 0	3°45	0°27	18°49	13° 1	3°47	26° 8	7°43	7°56	5°28	n.a.	F 4
S 5	4 38 21	9°47'36	1♑14	6° 0	24° 7	4°32	0°39	18°46	13° 3	3°49	26° 7	7°29	7°53	5°35	n.a.	S 5
S 6	4 42 17	10°48'52	13° 4	4°44	25°15	5°19	0°50	18°43	13° 6	3°50	26° 5	7°17	7°50	5°41	n.a.	S 6
M 7	4 46 14	11°50'08	24°53	3°33	26°22	6° 7	1° 2	18°40	13° 8	3°52	26° 4	7° 8	7°47	5°48	n.a.	M 7
T 8	4 50 10	12°51'24	6♒43	2°30	27°30	6°54	1°14	18°36	13°10	3°54	26° 3	7° 1	7°43	5°55	n.a.	T 8
W 9	4 54 7	13°52'39	18°38	1°35	28°38	7°41	1°26	18°33	13°13	3°55	26° 1	6°58	7°40	6° 2	n.a.	W 9
T 10	4 58 3	14°53'53	0♓43	0°50	29°47	8°29	1°38	18°29	13°15	3°57	26° 0	6°57	7°37	6° 8	n.a.	T 10
F 11	5 2 0	15°55'07	13° 2	0°14	0♏55	9°16	1°50	18°25	13°17	3°58	25°59	6°57	7°34	6°15	n.a.	F 11
S 12	5 5 56	16°56'20	25°41	29♏49	2° 3	10° 3	2° 2	18°22	13°19	4° 0	25°58	6°57	7°31	6°22	n.a.	S 12
S 13	5 9 53	17°57'32	8♈46	29°33	3°12	10°51	2°15	18°18	13°22	4° 2	25°56	6°55	7°28	6°28	n.a.	S 13
M14	5 13 50	18°58'43	22°19	29°D26	4°21	11°38	2°27	18°14	13°24	4° 4	25°55	6°51	7°24	6°35	n.a.	M14
T 15	5 17 46	19°59'54	6♉23	29°28	5°30	12°25	2°39	18°10	13°26	4° 5	25°54	6°45	7°21	6°42	n.a.	T 15
W16	5 21 43	21° 1'03	20°56	29°38	6°39	13°13	2°52	18° 6	13°28	4° 7	25°52	6°36	7°18	6°48	n.a.	W16
T 17	5 25 39	22° 2'12	5♊54	29°55	7°49	14° 0	3° 4	18° 2	13°30	4° 9	25°51	6°25	7°15	6°55	n.a.	T 17
F 18	5 29 36	23° 3'20	21° 9	0♐19	8°58	14°47	3°17	17°58	13°31	4°11	25°50	6°14	7°12	7° 2	n.a.	F 18
S 19	5 33 32	24° 4'28	6♋29	0°50	10° 8	15°35	3°30	17°54	13°33	4°12	25°48	6° 4	7° 8	7° 9	n.a.	S 19
S 20	5 37 29	25° 5'34	21°43	1°25	11°17	16°22	3°43	17°49	13°35	4°14	25°47	5°55	7° 5	7°15	n.a.	S 20
M21	5 41 25	26° 6'40	6♌40	2° 6	12°27	17° 9	3°55	17°45	13°37	4°16	25°46	5°50	7° 2	7°22	n.a.	M21
T 22	5 45 22	27° 7'45	21°14	2°52	13°37	17°57	4° 8	17°41	13°39	4°18	25°44	5°47	6°59	7°29	n.a.	T 22
W23	5 49 19	28° 8'50	5♍21	3°42	14°47	18°44	4°21	17°36	13°40	4°20	25°43	5°D46	6°56	7°35	n.a.	W23
T 24	5 53 15	29° 9'54	19° 1	4°35	15°57	19°31	4°34	17°32	13°42	4°22	25°42	5°46	6°53	7°42	n.a.	T 24
F 25	5 57 12	0♑10'57	2♎16	5°32	17° 8	20°19	4°48	17°27	13°43	4°24	25°40	5°R46	6°49	7°49	n.a.	F 25
S 26	6 1 8	1°12'00	15° 9	6°32	18°18	21° 6	5° 1	17°23	13°45	4°26	25°39	5°45	6°46	7°56	n.a.	S 26
S 27	6 5 5	2°13'01	27°44	7°34	19°29	21°53	5°14	17°18	13°46	4°28	25°38	5°42	6°43	8° 2	n.a.	S 27
M28	6 9 1	3°14'02	10♏ 6	8°39	20°39	22°41	5°27	17°13	13°48	4°30	25°36	5°36	6°40	8° 9	n.a.	M28
T 29	6 12 58	4°15'03	22°16	9°47	21°50	23°28	5°41	17° 9	13°49	4°32	25°35	5°28	6°37	8°16	n.a.	T 29
W30	6 16 54	5°16'02	4♐19	10°56	23° 1	24°15	5°54	17° 4	13°50	4°34	25°34	5°17	6°34	8°22	n.a.	W30
T 31	6 20 51	6♑17'00	16♐16	12♐ 8	24♏12	25♑ 2	6♒ 8	16♋59	13♎52	4♒36	25♊33	5♍ 6	6♍30	8♑29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s31	11s38	4n31	20s45	1n40	5s17	2n42	24s52	1s 9	21s25	1s 1	22n54	0n33	4s36	0n36	20s10	0s37	25n37	1n57	8n30	8n38	19s 3		n.a.
W 2	21 42	14 35	4 52	20 16	1 59	5 42	2 42	24 52	1 9	21 22	1 1	22 55	0 33	4 37	0 36	20 9	0 37	25 37	1 57	8 35	8 39	19 3		n.a.
T 3	21 52	16 53	4 59	19 47	2 16	6 6	2 43	24 51	1 9	21 20	1 1	22 56	0 33	4 38	0 36	20 9	0 37	25 37	1 57	8 41	8 40	19 3		n.a.
F 4	22 2	18 25	4 53	19 18	2 32	6 31	2 43	24 49	1 9	21 17	1 1	22 56	0 33	4 39	0 36	20 9	0 37	25 37	1 57	8 47	8 42	19 3		n.a.
S 5	22 11	19 9	4 34	18 52	2 45	6 56	2 44	24 48	1 9	21 15	1 1	22 57	0 33	4 40	0 36	20 8	0 37	25 37	1 57	8 52	8 43	19 3		n.a.
S 6	22 20	19 2	4 4	18 27	2 56	7 20	2 44	24 46	1 9	21 12	1 1	22 57	0 33	4 41	0 36	20 8	0 37	25 37	1 57	8 56	8 44	19 3		n.a.
M 7	22 29	18 5	3 23	18 5	3 5	7 45	2 44	24 44	1 9	21 9	1 1	22 58	0 34	4 42	0 36	20 7	0 37	25 37	1 57	9 0	8 45	19 4		n.a.
T 8	22 37	16 21	2 33	17 47	3 11	8 10	2 44	24 42	1 9	21 7	1 1	22 59	0 34	4 43	0 36	20 7	0 37	25 37	1 57	9 2	8 46	19 4		n.a.
W 9	22 44	13 55	1 35	17 32	3 15	8 34	2 44	24 39	1 9	21 4	1 1	22 59	0 34	4 44	0 36	20 7	0 37	25 37	1 57	9 3	8 48	19 4		n.a.
T 10	22 52	10 50	0 33	17 21	3 17	8 59	2 44	24 36	1 9	21 1	1 1	23 0	0 34	4 45	0 36	20 6	0 37	25 37	1 58	9 4	8 49	19 4		n.a.
F 11	22 58	7 14	0s32	17 14	3 17	9 23	2 43	24 33	1 9	20 58	1 1	23 0	0 34	4 45	0 36	20 6	0 37	25 38	1 58	9 4	8 50	19 4		n.a.
S 12	23 5	3 13	1 38	17 11	3 15	9 47	2 43	24 30	1 9	20 56	1 1	23 1	0 34	4 46	0 36	20 5	0 37	25 38	1 58	9 4	8 51	19 4		n.a.
S 13	23 11	1n 4	2 40	17 11	3 12	10 12	2 42	24 26	1 9	20 53	1 0	23 2	0 34	4 47	0 36	20 5	0 37	25 38	1 58	9 5	8 52	19 4		n.a.
M14	23 16	5 27	3 36	17 14	3 7	10 36	2 41	24 22	1 9	20 50	1 0	23 2	0 35	4 48	0 36	20 5	0 37	25 38	1 58	9 6	8 54	19 4		n.a.
T 15	23 21	9 43	4 21	17 20	3 2	11 0	2 40	24 17	1 9	20 47	1 0	23 3	0 35	4 49	0 36	20 4	0 37	25 38	1 58	9 8	8 55	19 4		n.a.
W16	23 25	13 32	4 50	17 28	2 55	11 24	2 39	24 13	1 9	20 44	1 0	23 4	0 35	4 49	0 36	20 4	0 37	25 38	1 58	9 12	8 56	19 5		n.a.
T 17	23 29	16 36	5 1	17 39	2 48	11 47	2 38	24 8	1 9	20 41	1 0	23 4	0 35	4 50	0 36	20 3	0 37	25 38	1 58	9 16	8 57	19 5		n.a.
F 18	23 33	18 35	4 51	17 52	2 40	12 11	2 37	24 2	1 9	20 38	1 0	23 5	0 35	4 51	0 36	20 3	0 37	25 38	1 58	9 20	8 58	19 5		n.a.
S 19	23 36	19 14	4 20	18 6	2 31	12 34	2 36	23 57	1 9	20 35	1 0	23 6	0 35	4 52	0 36	20 2	0 37	25 38	1 58	9 24	9 0	19 5		n.a.
S 20	23 38	18 29	3 31	18 22	2 23	12 57	2 34	23 51	1 9	20 32	1 0	23 7	0 35	4 52	0 36	20 2	0 37	25 38	1 58	9 27	9 1	19 5		n.a.
M21	23 40	16 27	2 28	18 39	2 14	13 20	2 33	23 45	1 9	20 29	1 0	23 7	0 36	4 53	0 36	20 2	0 37	25 38	1 58	9 29	9 2	19 5		n.a.
T 22	23 42	13 23	1 16	18 57	2 5	13 43	2 31	23 39	1 9	20 26	1 0	23 8	0 36	4 54	0 36	20 1	0 37	25 38	1 58	9 30	9 3	19 5		n.a.
W23	23 43	9 38	0 2	19 15	1 55	14 5	2 30	23 32	1 9	20 22	1 0	23 9	0 36	4 54	0 36	20 1	0 37	25 38	1 58	9 30	9 4	19 5		n.a.
T 24	23 44	5 28	1n10	19 35	1 46	14 27	2 28	23 25	1 9	20 19	1 0	23 9	0 36	4 55	0 36	20 0	0 37	25 38	1 59	9 30	9 6	19 5		n.a.
F 25	23 44	1 10	2 16	19 54	1 36	14 49	2 26	23 18	1 9	20 16	1 0	23 10	0 36	4 55	0 36	20 0	0 37	25 38	1 59	9 30	9 7	19 5		n.a.
S 26	23 43	3s 4	3 14	20 14	1 27	15 11	2 24	23 11	1 8	20 13	1 0	23 11	0 36	4 56	0 36	19 59	0 37	25 38	1 59	9 31	9 8	19 5		n.a.
S 27	23 43	7 4	4 0	20 34	1 18	15 32	2 22	23 3	1 8	20 9	1 0	23 12	0 36	4 56	0 36	19 59	0 37	25 38	1 59	9 32	9 9	19 5		n.a.
M28	23 41	10 41	4 34	20 53	1 8	15 53	2 20	22 55	1 8	20 6	1 0	23 12	0 36	4 57	0 36	19 58	0 37	25 38	1 59	9 34	9 10	19 5		n.a.
T 29	23 40	13 48	4 56	21 13	0 59	16 14	2 18	22 47	1 8	20 3	1 0	23 13	0 37	4 58	0 36	19 58	0 37	25 38	1 59	9 37	9 11	19 6		n.a.
W30	23 37	16 17	5 4	21 32	0 50	16 34	2 16	22 38	1 8	19 59	1 0	23 14	0 37	4 58	0 36	19 57	0 37	25 38	1 59	9 41	9 13	19 6		n.a.
T 31	23s35	18s 4	4n58	21s51	0n41	16s54	2n13	22s29	1s 8	19s56	1s 0	23n15	0n37	4s58	0n36	19s57	0s37	25n38	1n59	9n45	9n14	19s 6		n.a.

Julian Day Number = 1614739.5, Delta T = 03h51m07s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'13, Lahiri = - 7°59'13 Julian Calendar 1 Dec. 293 BCE == Greg. Calendar 27 Nov. 293 BCE

The year -292 astronomical counting style corresponds to year 293 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

JANUARY 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 24 48	7♑17'57	28♐10	13♐21	25♏23	25♑50	6♒21	16°R54	13♎53	4♒38	25°R31	4°R53	6♍27	8♑36	n.a.	F 1
S 2	6 28 44	8°18'53	10♑ 1	14°36	26°34	26°37	6°35	16♋50	13°54	4°40	25♊30	4♍42	6°24	8°42	n.a.	S 2
S 3	6 32 41	9°19'48	21°51	15°52	27°45	27°24	6°48	16°45	13°55	4°42	25°29	4°33	6°21	8°49	n.a.	S 3
M 4	6 36 37	10°20'41	3♒42	17°10	28°56	28°11	7° 2	16°40	13°56	4°44	25°27	4°25	6°18	8°56	n.a.	M 4
T 5	6 40 34	11°21'33	15°36	18°30	0♐ 7	28°59	7°16	16°35	13°57	4°46	25°26	4°21	6°14	9° 3	n.a.	T 5
W 6	6 44 30	12°22'23	27°35	19°50	1°18	29°46	7°30	16°30	13°58	4°49	25°25	4°19	6°11	9° 9	n.a.	W 6
T 7	6 48 27	13°23'12	9♓43	21°12	2°30	0♒33	7°43	16°25	13°59	4°51	25°24	4°D19	6° 8	9°16	n.a.	T 7
F 8	6 52 24	14°23'58	22° 4	22°35	3°41	1°20	7°57	16°20	13°59	4°53	25°22	4°20	6° 5	9°23	n.a.	F 8
S 9	6 56 20	15°24'44	4♈41	23°58	4°53	2° 7	8°11	16°16	14° 0	4°55	25°21	4°21	6° 2	9°29	n.a.	S 9
S 10	7 0 17	16°25'27	17°40	25°23	6° 4	2°54	8°25	16°11	14° 1	4°57	25°20	4°R21	5°59	9°36	n.a.	S 10
M11	7 4 13	17°26'09	1♉ 5	26°50	7°16	3°41	8°39	16° 6	14° 1	4°59	25°19	4°20	5°55	9°43	n.a.	M11
T 12	7 8 10	18°26'49	14°57	28°17	8°28	4°28	8°53	16° 1	14° 2	5° 2	25°17	4°18	5°52	9°49	n.a.	T 12
W13	7 12 6	19°27'27	29°17	29°45	9°39	5°15	9° 7	15°56	14° 3	5° 4	25°16	4°13	5°49	9°56	n.a.	W13
T 14	7 16 3	20°28'03	14♊ 3	1♑14	10°51	6° 2	9°21	15°51	14° 3	5° 6	25°15	4° 7	5°46	10° 3	n.a.	T 14
F 15	7 19 59	21°28'37	29° 9	2°43	12° 3	6°49	9°35	15°46	14° 3	5° 8	25°14	4° 0	5°43	10°10	n.a.	F 15
S 16	7 23 56	22°29'10	14♋25	4°14	13°15	7°36	9°50	15°41	14° 4	5°10	25°13	3°54	5°40	10°16	n.a.	S 16
S 17	7 27 53	23°29'41	29°42	5°46	14°27	8°23	10° 4	15°37	14° 4	5°13	25°12	3°48	5°36	10°23	n.a.	S 17
M18	7 31 49	24°30'10	14♌47	7°19	15°38	9°10	10°18	15°32	14° 4	5°15	25°10	3°45	5°33	10°30	n.a.	M18
T 19	7 35 46	25°30'38	29°33	8°53	16°50	9°57	10°32	15°27	14° 5	5°17	25° 9	3°D44	5°30	10°36	n.a.	T 19
W20	7 39 42	26°31'04	13♍54	10°27	18° 3	10°44	10°46	15°22	14° 5	5°19	25° 8	3°44	5°27	10°43	n.a.	W20
T 21	7 43 39	27°31'28	27°47	12° 3	19°15	11°31	11° 1	15°18	14° 5	5°22	25° 7	3°45	5°24	10°50	n.a.	T 21
F 22	7 47 35	28°31'51	11♎12	13°39	20°27	12°18	11°15	15°13	14°R 5	5°24	25° 6	3°47	5°20	10°56	n.a.	F 22
S 23	7 51 32	29°32'13	24°12	15°17	21°39	13° 4	11°29	15° 8	14° 5	5°26	25° 5	3°R48	5°17	11° 3	n.a.	S 23
S 24	7 55 28	0♒32'33	6♏50	16°55	22°51	13°51	11°44	15° 4	14° 5	5°28	25° 4	3°48	5°14	11°10	n.a.	S 24
M25	7 59 25	1°32'51	19°10	18°35	24° 3	14°38	11°58	14°59	14° 5	5°31	25° 3	3°46	5°11	11°17	n.a.	M25
T 26	8 3 21	2°33'08	1♐18	20°15	25°16	15°24	12°12	14°54	14° 4	5°33	25° 2	3°43	5° 8	11°23	n.a.	T 26
W27	8 7 18	3°33'23	13°16	21°56	26°28	16°11	12°27	14°50	14° 4	5°35	25° 1	3°39	5° 5	11°30	n.a.	W27
T 28	8 11 15	4°33'36	25° 8	23°39	27°40	16°58	12°41	14°45	14° 4	5°38	25° 0	3°34	5° 1	11°37	n.a.	T 28
F 29	8 15 11	5°33'48	6♑58	25°22	28°53	17°44	12°56	14°41	14° 3	5°40	24°59	3°29	4°58	11°43	n.a.	F 29
S 30	8 19 8	6°33'58	18°48	27° 7	0♑ 5	18°31	13°10	14°37	14° 3	5°42	24°58	3°24	4°55	11°50	n.a.	S 30
S 31	8 23 4	7♒34'06	0♒41	28♑52	1♑18	19♒17	13♒24	14♋32	14♎ 3	5♒44	24♊57	3♍20	4♍52	11♑57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s31	19s 4	4n39	22s 9	0n32	17s13	2n11	22s21	1s 8	19s53	1s 0	23n15	0n37	4s59	0n36	19s56	0s37	25n38	1n59	9n50	9n15	19s 6		n.a.
S 2	23 28	19 13	4 9	22 27	0 23	17 32	2 8	22 11	1 7	19 49	1 0	23 16	0 37	4 59	0 36	19 56	0 37	25 38	1 59	9 54	9 16	19 6		n.a.
S 3	23 24	18 31	3 27	22 44	0 15	17 51	2 6	22 2	1 7	19 46	1 0	23 17	0 37	5 0	0 36	19 55	0 37	25 38	1 59	9 58	9 17	19 6		n.a.
M 4	23 19	17 1	2 37	23 0	0 6	18 10	2 3	21 52	1 7	19 42	1 0	23 17	0 37	5 0	0 36	19 55	0 37	25 38	1 59	10 0	9 19	19 6		n.a.
T 5	23 14	14 47	1 39	23 16	0s 2	18 27	2 1	21 42	1 7	19 39	1 0	23 18	0 37	5 0	0 36	19 54	0 37	25 38	1 59	10 2	9 20	19 6		n.a.
W 6	23 9	11 53	0 36	23 30	0 10	18 45	1 58	21 32	1 7	19 35	1 0	23 19	0 38	5 1	0 36	19 54	0 37	25 38	1 59	10 3	9 21	19 6		n.a.
T 7	23 3	8 28	0s29	23 44	0 18	19 2	1 55	21 22	1 7	19 31	1 0	23 20	0 38	5 1	0 37	19 53	0 37	25 38	1 59	10 3	9 22	19 6		n.a.
F 8	22 56	4 38	1 34	23 57	0 26	19 18	1 52	21 11	1 6	19 28	1 0	23 20	0 38	5 1	0 37	19 53	0 37	25 38	1 59	10 2	9 23	19 6		n.a.
S 9	22 50	0 30	2 36	24 8	0 33	19 34	1 49	21 0	1 6	19 24	1 0	23 21	0 38	5 2	0 37	19 52	0 37	25 38	1 59	10 2	9 25	19 6		n.a.
S 10	22 42	3n45	3 32	24 19	0 40	19 50	1 46	20 49	1 6	19 20	1 0	23 22	0 38	5 2	0 37	19 52	0 37	25 38	2 0	10 2	9 26	19 6		n.a.
M11	22 35	7 57	4 19	24 29	0 47	20 5	1 44	20 38	1 6	19 17	1 0	23 22	0 38	5 2	0 37	19 51	0 37	25 38	2 0	10 2	9 27	19 6		n.a.
T 12	22 26	11 52	4 52	24 37	0 54	20 20	1 41	20 26	1 6	19 13	1 0	23 23	0 38	5 2	0 37	19 51	0 37	25 38	2 0	10 3	9 28	19 6		n.a.
W13	22 18	15 14	5 8	24 44	1 0	20 34	1 37	20 14	1 5	19 9	1 0	23 24	0 38	5 2	0 37	19 50	0 37	25 38	2 0	10 5	9 29	19 6		n.a.
T 14	22 9	17 43	5 4	24 50	1 7	20 47	1 34	20 2	1 5	19 5	1 0	23 25	0 38	5 3	0 37	19 50	0 37	25 38	2 0	10 7	9 30	19 6		n.a.
F 15	21 59	19 4	4 40	24 55	1 13	21 0	1 31	19 50	1 5	19 2	1 0	23 25	0 38	5 3	0 37	19 49	0 37	25 38	2 0	10 10	9 32	19 6		n.a.
S 16	21 50	19 2	3 56	24 58	1 18	21 12	1 28	19 38	1 5	18 58	1 0	23 26	0 39	5 3	0 37	19 48	0 37	25 38	2 0	10 12	9 33	19 6		n.a.
S 17	21 39	17 37	2 54	25 0	1 24	21 24	1 25	19 25	1 4	18 54	1 0	23 27	0 39	5 3	0 37	19 48	0 37	25 38	2 0	10 14	9 34	19 6		n.a.
M18	21 29	14 59	1 41	25 0	1 29	21 35	1 22	19 12	1 4	18 50	1 0	23 27	0 39	5 3	0 37	19 47	0 37	25 38	2 0	10 15	9 35	19 6		n.a.
T 19	21 18	11 25	0 23	24 59	1 34	21 46	1 19	18 59	1 4	18 46	1 0	23 28	0 39	5 3	0 37	19 47	0 37	25 38	2 0	10 16	9 36	19 6		n.a.
W20	21 6	7 15	0n55	24 56	1 38	21 56	1 15	18 46	1 4	18 42	1 0	23 28	0 39	5 3	0 37	19 46	0 37	25 38	2 0	10 15	9 38	19 6		n.a.
T 21	20 54	2 50	2 7	24 52	1 42	22 5	1 12	18 33	1 3	18 38	1 0	23 29	0 39	5 3	0 37	19 46	0 37	25 38	2 0	10 15	9 39	19 6		n.a.
F 22	20 42	1s34	3 10	24 47	1 46	22 14	1 9	18 19	1 3	18 34	1 0	23 30	0 39	5 3	0 37	19 45	0 37	25 38	2 0	10 14	9 40	19 6		n.a.
S 23	20 30	5 46	4 1	24 39	1 49	22 22	1 5	18 6	1 3	18 30	1 0	23 30	0 39	5 3	0 37	19 45	0 37	25 38	2 0	10 14	9 41	19 6		n.a.
S 24	20 17	9 34	4 39	24 30	1 53	22 30	1 2	17 52	1 2	18 26	1 0	23 31	0 39	5 3	0 37	19 44	0 37	25 38	2 0	10 14	9 42	19 6		n.a.
M25	20 3	12 53	5 2	24 20	1 55	22 37	0 59	17 38	1 2	18 22	1 0	23 32	0 39	5 3	0 37	19 43	0 37	25 38	2 0	10 15	9 43	19 6		n.a.
T 26	19 50	15 34	5 12	24 7	1 58	22 43	0 56	17 24	1 2	18 18	1 0	23 32	0 39	5 3	0 37	19 43	0 37	25 38	2 0	10 16	9 45	19 6		n.a.
W27	19 36	17 34	5 8	23 53	2 0	22 49	0 52	17 9	1 1	18 14	1 0	23 33	0 40	5 3	0 37	19 42	0 37	25 38	2 0	10 17	9 46	19 6		n.a.
T 28	19 21	18 48	4 51	23 37	2 1	22 54	0 49	16 55	1 1	18 10	1 0	23 33	0 40	5 3	0 37	19 42	0 37	25 38	2 0	10 19	9 47	19 6		n.a.
F 29	19 6	19 12	4 21	23 20	2 3	22 58	0 46	16 40	1 1	18 6	1 0	23 34	0 40	5 2	0 37	19 41	0 37	25 38	2 0	10 21	9 48	19 6		n.a.
S 30	18 51	18 45	3 40	23 0	2 4	23 2	0 42	16 25	1 0	18 2	1 0	23 35	0 40	5 2	0 37	19 41	0 37	25 38	2 0	10 23	9 49	19 6		n.a.
S 31	18s36	17s29	2n50	22s39	2s 4	23s 4	0n39	16s10	1s 0	17s58	1s 0	23n35	0n40	5s 2	0n37	19s40	0s37	25n38	2n 0	10n24	9n50	19s 5		n.a.

Julian Day Number = 1614770.5, Delta T = 03h51m06s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'09, Lahiri = - 7°59'09 Julian Calendar 1 Jan. 292 BCE == Greg. Calendar 28 Dec. 293 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

FEBRUARY 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 27 1	8♒34'12	12♒37	0♒39	2♉30	20♒ 4	13♒39	14°R28	14°R 2	5♒47	24°R56	3°R17	4♍49	12♉ 3	n.a.	M 1
T 2	8 30 57	9°34'16	24°39	2°27	3°42	20°50	13°53	14♋24	14♎ 1	5°49	24♊55	3♍15	4°46	12°10	n.a.	T 2
W 3	8 34 54	10°34'18	6♓49	4°16	4°55	21°37	14° 8	14°20	14° 1	5°51	24°54	3°D15	4°42	12°17	n.a.	W 3
T 4	8 38 50	11°34'17	19° 9	6° 6	6° 7	22°23	14°22	14°16	14° 0	5°53	24°53	3°16	4°39	12°23	n.a.	T 4
F 5	8 42 47	12°34'15	1♈40	7°57	7°20	23°10	14°37	14°12	13°59	5°56	24°53	3°17	4°36	12°30	n.a.	F 5
S 6	8 46 44	13°34'10	14°26	9°49	8°33	23°56	14°51	14° 8	13°59	5°58	24°52	3°19	4°33	12°37	n.a.	S 6
S 7	8 50 40	14°34'03	27°29	11°42	9°45	24°42	15° 6	14° 4	13°58	6° 0	24°51	3°20	4°30	12°44	n.a.	S 7
M 8	8 54 37	15°33'53	10♉52	13°36	10°58	25°28	15°20	14° 0	13°57	6° 3	24°50	3°R21	4°26	12°50	n.a.	M 8
T 9	8 58 33	16°33'42	24°36	15°31	12°10	26°15	15°35	13°56	13°56	6° 5	24°49	3°21	4°23	12°57	n.a.	T 9
W10	9 2 30	17°33'27	8♊42	17°27	13°23	27° 1	15°49	13°53	13°55	6° 7	24°49	3°20	4°20	13° 4	n.a.	W10
T 11	9 6 26	18°33'11	23° 9	19°24	14°36	27°47	16° 4	13°49	13°54	6° 9	24°48	3°18	4°17	13°10	n.a.	T 11
F 12	9 10 23	19°32'52	7♋53	21°22	15°48	28°33	16°18	13°46	13°53	6°11	24°47	3°17	4°14	13°17	n.a.	F 12
S 13	9 14 19	20°32'31	22°49	23°21	17° 1	29°19	16°32	13°42	13°52	6°14	24°47	3°15	4°11	13°24	n.a.	S 13
S 14	9 18 16	21°32'08	7♌49	25°20	18°14	0♓ 5	16°47	13°39	13°51	6°16	24°46	3°14	4° 7	13°30	n.a.	S 14
M15	9 22 13	22°31'42	22°44	27°20	19°26	0°51	17° 1	13°36	13°49	6°18	24°45	3°13	4° 4	13°37	n.a.	M15
T 16	9 26 9	23°31'14	7♍26	29°20	20°39	1°37	17°16	13°32	13°48	6°20	24°45	3°D13	4° 1	13°44	n.a.	T 16
W17	9 30 6	24°30'44	21°49	1♓20	21°52	2°23	17°30	13°29	13°47	6°23	24°44	3°13	3°58	13°51	n.a.	W17
T 18	9 34 2	25°30'12	5♎48	3°20	23° 5	3° 8	17°45	13°26	13°45	6°25	24°44	3°14	3°55	13°57	n.a.	T 18
F 19	9 37 59	26°29'38	19°21	5°20	24°17	3°54	17°59	13°23	13°44	6°27	24°43	3°15	3°52	14° 4	n.a.	F 19
S 20	9 41 55	27°29'02	2♏29	7°19	25°30	4°40	18°13	13°21	13°43	6°29	24°43	3°15	3°48	14°11	n.a.	S 20
S 21	9 45 52	28°28'24	15°14	9°17	26°43	5°26	18°28	13°18	13°41	6°31	24°42	3°16	3°45	14°17	n.a.	S 21
M22	9 49 48	29°27'45	27°39	11°13	27°56	6°11	18°42	13°15	13°40	6°33	24°42	3°R16	3°42	14°24	n.a.	M22
T 23	9 53 45	0♓27'03	9♐48	13° 8	29° 9	6°57	18°56	13°13	13°38	6°35	24°41	3°16	3°39	14°31	n.a.	T 23
W24	9 57 41	1°26'20	21°46	15° 1	0♒22	7°42	19°11	13°10	13°36	6°38	24°41	3°16	3°36	14°37	n.a.	W24
T 25	10 1 38	2°25'35	3♉38	16°51	1°34	8°28	19°25	13° 8	13°35	6°40	24°40	3°15	3°32	14°44	n.a.	T 25
F 26	10 5 35	3°24'47	15°27	18°38	2°47	9°13	19°39	13° 6	13°33	6°42	24°40	3°D15	3°29	14°51	n.a.	F 26
S 27	10 9 31	4°23'58	27°18	20°21	4° 0	9°59	19°54	13° 3	13°31	6°44	24°40	3°15	3°26	14°57	n.a.	S 27
S 28	10 13 28	5♓23'07	9♒14	22♓ 1	5♒13	10♓44	20♒ 8	13♋ 1	13♎30	6♒46	24♊39	3♍16	3♍23	15♉ 4	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s20	15s27	1n51	22s16	2s 4	23s 7	0n36	15s55	1s 0	17s53	1s 0	23n36	0n40	5s 2	0n37	19s40	0s38	25n38	2n 0	10n25	9n52	19s 5		n.a.
T 2	18 4	12 43	0 47	21 51	2 3	23 8	0 32	15 40	0 59	17 49	1 0	23 36	0 40	5 2	0 37	19 39	0 38	25 38	2 0	10 26	9 53	19 5		n.a.
W 3	17 48	9 25	0s20	21 24	2 2	23 9	0 29	15 24	0 59	17 45	1 0	23 37	0 40	5 1	0 37	19 38	0 38	25 38	2 1	10 26	9 54	19 5		n.a.
T 4	17 31	5 40	1 27	20 55	2 1	23 10	0 26	15 8	0 59	17 41	1 0	23 37	0 40	5 1	0 37	19 38	0 38	25 38	2 1	10 26	9 55	19 5		n.a.
F 5	17 14	1 38	2 31	20 25	1 59	23 9	0 22	14 53	0 58	17 37	1 1	23 38	0 40	5 1	0 37	19 37	0 38	25 38	2 1	10 25	9 56	19 5		n.a.
S 6	16 57	2n34	3 28	19 52	1 56	23 8	0 19	14 37	0 58	17 32	1 1	23 38	0 40	5 0	0 37	19 37	0 38	25 38	2 1	10 25	9 58	19 5		n.a.
S 7	16 40	6 43	4 17	19 18	1 53	23 6	0 16	14 21	0 58	17 28	1 1	23 39	0 40	5 0	0 37	19 36	0 38	25 38	2 1	10 24	9 59	19 5		n.a.
M 8	16 22	10 38	4 52	18 41	1 50	23 4	0 13	14 5	0 57	17 24	1 1	23 39	0 40	5 0	0 37	19 36	0 38	25 38	2 1	10 24	10 0	19 5		n.a.
T 9	16 4	14 6	5 13	18 3	1 45	23 1	0 9	13 49	0 57	17 20	1 1	23 40	0 40	4 59	0 37	19 35	0 38	25 38	2 1	10 24	10 1	19 5		n.a.
W10	15 45	16 50	5 15	17 23	1 41	22 57	0 6	13 32	0 56	17 15	1 1	23 40	0 41	4 59	0 37	19 35	0 38	25 38	2 1	10 24	10 2	19 5		n.a.
T 11	15 27	18 36	4 58	16 41	1 35	22 52	0 3	13 16	0 56	17 11	1 1	23 40	0 41	4 58	0 37	19 34	0 38	25 38	2 1	10 25	10 3	19 5		n.a.
F 12	15 8	19 9	4 21	15 57	1 29	22 47	0s 0	12 59	0 56	17 7	1 1	23 41	0 41	4 58	0 37	19 34	0 38	25 38	2 1	10 26	10 5	19 5		n.a.
S 13	14 49	18 24	3 26	15 12	1 23	22 41	0 3	12 43	0 55	17 2	1 1	23 41	0 41	4 57	0 37	19 33	0 38	25 38	2 1	10 26	10 6	19 4		n.a.
S 14	14 30	16 21	2 16	14 25	1 16	22 35	0 6	12 26	0 55	16 58	1 1	23 42	0 41	4 57	0 38	19 32	0 38	25 38	2 1	10 27	10 7	19 4		n.a.
M15	14 10	13 12	0 58	13 36	1 8	22 27	0 9	12 9	0 54	16 54	1 1	23 42	0 41	4 57	0 38	19 32	0 38	25 38	2 1	10 27	10 8	19 4		n.a.
T 16	13 51	9 15	0n23	12 46	1 0	22 19	0 12	11 52	0 54	16 49	1 1	23 42	0 41	4 56	0 38	19 31	0 38	25 38	2 1	10 27	10 9	19 4		n.a.
W17	13 31	4 50	1 41	11 55	0 51	22 11	0 15	11 35	0 54	16 45	1 1	23 43	0 41	4 55	0 38	19 31	0 38	25 38	2 1	10 27	10 10	19 4		n.a.
T 18	13 10	0 17	2 51	11 3	0 41	22 2	0 18	11 18	0 53	16 40	1 1	23 43	0 41	4 55	0 38	19 30	0 38	25 38	2 1	10 27	10 12	19 4		n.a.
F 19	12 50	4s 8	3 49	10 9	0 31	21 52	0 21	11 1	0 53	16 36	1 1	23 44	0 41	4 54	0 38	19 30	0 38	25 38	2 1	10 26	10 13	19 4		n.a.
S 20	12 30	8 13	4 33	9 15	0 21	21 41	0 24	10 44	0 52	16 32	1 2	23 44	0 41	4 54	0 38	19 29	0 38	25 38	2 1	10 26	10 14	19 4		n.a.
S 21	12 9	11 47	5 2	8 20	0 10	21 30	0 27	10 26	0 52	16 27	1 2	23 44	0 41	4 53	0 38	19 29	0 38	25 38	2 1	10 26	10 15	19 4		n.a.
M22	11 48	14 44	5 16	7 25	0n 2	21 19	0 30	10 9	0 51	16 23	1 2	23 44	0 41	4 53	0 38	19 28	0 38	25 38	2 1	10 26	10 16	19 3		n.a.
T 23	11 27	16 59	5 15	6 30	0 13	21 6	0 32	9 51	0 51	16 18	1 2	23 45	0 41	4 52	0 38	19 28	0 38	25 38	2 1	10 26	10 17	19 3		n.a.
W24	11 6	18 28	5 1	5 35	0 25	20 53	0 35	9 34	0 51	16 14	1 2	23 45	0 41	4 51	0 38	19 27	0 38	25 38	2 1	10 26	10 19	19 3		n.a.
T 25	10 44	19 7	4 34	4 41	0 38	20 40	0 38	9 16	0 50	16 9	1 2	23 45	0 41	4 51	0 38	19 27	0 38	25 38	2 1	10 26	10 20	19 3		n.a.
F 26	10 23	18 55	3 56	3 47	0 50	20 26	0 40	8 58	0 50	16 5	1 2	23 46	0 41	4 50	0 38	19 26	0 38	25 38	2 1	10 26	10 21	19 3		n.a.
S 27	10 1	17 54	3 7	2 55	1 3	20 11	0 43	8 41	0 49	16 0	1 2	23 46	0 41	4 49	0 38	19 26	0 38	25 38	2 1	10 26	10 22	19 3		n.a.
S 28	9s39	16s 5	2n10	2s 3	1n15	19s56	0s45	8s23	0s49	15s56	1s 2	23n46	0n41	4s49	0n38	19s25	0s38	25n38	2n 1	10n26	10n23	19s 3		n.a.

Julian Day Number = 1614801.5, Delta T = 03h51m05s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'05, Lahiri = - 7°59'05 Julian Calendar 1 Feb. 292 BCE == Greg. Calendar 28 Jan. 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

MARCH 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 17 24	6♓22'14	21♒18	23♓37	6♒26	11♓30	20♒22	12°R59	13°R28	6♒48	24°R39	3♍16	3♍20	15♑11	n.a.	M 1
T 2	10 21 21	7°21'19	3♓31	25° 8	7°39	12°15	20°36	12♋58	13♎26	6°50	24♊39	3°R16	3°17	15°17	n.a.	T 2
W 3	10 25 17	8°20'21	15°56	26°34	8°52	13° 0	20°50	12°56	13°24	6°52	24°39	3°16	3°13	15°24	n.a.	W 3
T 4	10 29 14	9°19'21	28°34	27°55	10° 5	13°45	21° 4	12°54	13°22	6°54	24°38	3°15	3°10	15°31	n.a.	T 4
F 5	10 33 10	10°18'20	11♈24	29°10	11°18	14°30	21°18	12°53	13°20	6°56	24°38	3°15	3° 7	15°38	n.a.	F 5
S 6	10 37 7	11°17'15	24°29	0♈20	12°31	15°15	21°32	12°51	13°18	6°58	24°38	3°14	3° 4	15°44	n.a.	S 6
S 7	10 41 4	12°16'09	7♉48	1°24	13°44	16° 1	21°46	12°50	13°16	7° 0	24°38	3°13	3° 1	15°51	n.a.	S 7
M 8	10 45 0	13°15'00	21°20	2°22	14°57	16°46	22° 0	12°49	13°14	7° 2	24°38	3°12	2°57	15°58	n.a.	M 8
T 9	10 48 57	14°13'49	5♊ 7	3°14	16°10	17°30	22°14	12°48	13°12	7° 4	24°38	3°11	2°54	16° 4	n.a.	T 9
W10	10 52 53	15°12'36	19° 8	3°59	17°22	18°15	22°28	12°46	13°10	7° 6	24°38	3°D11	2°51	16°11	n.a.	W10
T 11	10 56 50	16°11'20	3♋21	4°38	18°35	19° 0	22°42	12°46	13° 8	7° 7	24°37	3°11	2°48	16°18	n.a.	T 11
F 12	11 0 46	17°10'01	17°44	5°10	19°48	19°45	22°56	12°45	13° 6	7° 9	24°D37	3°12	2°45	16°24	n.a.	F 12
S 13	11 4 43	18° 8'41	2♌14	5°36	21° 1	20°30	23°10	12°44	13° 3	7°11	24°37	3°13	2°42	16°31	n.a.	S 13
S 14	11 8 39	19° 7'18	16°47	5°56	22°14	21°14	23°23	12°43	13° 1	7°13	24°38	3°14	2°38	16°38	n.a.	S 14
M15	11 12 36	20° 5'53	1♍18	6° 9	23°27	21°59	23°37	12°43	12°59	7°15	24°38	3°R15	2°35	16°44	n.a.	M15
T 16	11 16 32	21° 4'25	15°41	6°16	24°40	22°44	23°51	12°43	12°57	7°17	24°38	3°14	2°32	16°51	n.a.	T 16
W17	11 20 29	22° 2'56	29°51	6°R16	25°53	23°28	24° 4	12°42	12°54	7°18	24°38	3°13	2°29	16°58	n.a.	W17
T 18	11 24 26	23° 1'24	13♎43	6°11	27° 6	24°13	24°18	12°42	12°52	7°20	24°38	3°11	2°26	17° 4	n.a.	T 18
F 19	11 28 22	23°59'51	27°14	6° 0	28°19	24°57	24°32	12°D42	12°50	7°22	24°38	3° 8	2°23	17°11	n.a.	F 19
S 20	11 32 19	24°58'16	10♏23	5°43	29°32	25°42	24°45	12°42	12°47	7°23	24°38	3° 5	2°19	17°18	n.a.	S 20
S 21	11 36 15	25°56'39	23°11	5°22	0♓45	26°26	24°58	12°42	12°45	7°25	24°38	3° 2	2°16	17°25	n.a.	S 21
M22	11 40 12	26°55'00	5♐39	4°56	1°58	27°10	25°12	12°43	12°43	7°27	24°39	2°59	2°13	17°31	n.a.	M22
T 23	11 44 8	27°53'20	17°51	4°26	3°12	27°54	25°25	12°43	12°40	7°28	24°39	2°58	2°10	17°38	n.a.	T 23
W24	11 48 5	28°51'38	29°51	3°53	4°25	28°39	25°38	12°43	12°38	7°30	24°39	2°D57	2° 7	17°45	n.a.	W24
T 25	11 52 1	29°49'54	11♑43	3°17	5°38	29°23	25°52	12°44	12°35	7°32	24°40	2°58	2° 3	17°51	n.a.	T 25
F 26	11 55 58	0♈48'09	23°34	2°38	6°51	0♈ 7	26° 5	12°45	12°33	7°33	24°40	2°59	2° 0	17°58	n.a.	F 26
S 27	11 59 55	1°46'22	5♒26	1°59	8° 4	0°51	26°18	12°46	12°30	7°35	24°40	3° 1	1°57	18° 5	n.a.	S 27
S 28	12 3 51	2°44'34	17°26	1°19	9°17	1°35	26°31	12°46	12°28	7°36	24°41	3° 3	1°54	18°11	n.a.	S 28
M29	12 7 48	3°42'44	29°36	0°39	10°30	2°19	26°44	12°47	12°25	7°38	24°41	3°R 4	1°51	18°18	n.a.	M29
T 30	12 11 44	4°40'52	12♓ 0	0° 0	11°43	3° 3	26°57	12°49	12°23	7°39	24°41	3° 3	1°48	18°25	n.a.	T 30
W31	12 15 41	5♈38'58	24♓40	29♓23	12♓56	3♈46	27♒ 9	12♋50	12♎20	7♒40	24♊42	3♍ 2	1♍44	18♑31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9s17	13s32	1n 6	1s14	1n27	19s40	0s48	8s 5	0s48	15s51	1s 2	23n46	0n41	4s48	0n38	19s25	0s38	25n38	2n 1	10n26	10n24	19s 2		n.a.
T 2	8 55	10 21	0s 1	0 27	1 39	19 23	0 50	7 47	0 48	15 47	1 2	23 47	0 41	4 47	0 38	19 24	0 38	25 38	2 1	10 26	10 26	19 2		n.a.
W 3	8 33	6 41	1 10	0n19	1 51	19 6	0 53	7 29	0 47	15 43	1 3	23 47	0 41	4 46	0 38	19 24	0 38	25 38	2 1	10 26	10 27	19 2		n.a.
T 4	8 10	2 39	2 16	1 2	2 3	18 49	0 55	7 11	0 47	15 38	1 3	23 47	0 42	4 46	0 38	19 23	0 38	25 38	2 1	10 26	10 28	19 2		n.a.
F 5	7 48	1n34	3 16	1 42	2 14	18 31	0 57	6 53	0 46	15 34	1 3	23 47	0 42	4 45	0 38	19 23	0 38	25 38	2 1	10 26	10 29	19 2		n.a.
S 6	7 25	5 46	4 7	2 20	2 24	18 12	0 59	6 35	0 46	15 29	1 3	23 47	0 42	4 44	0 38	19 22	0 38	25 38	2 1	10 27	10 30	19 2		n.a.
S 7	7 2	9 46	4 46	2 54	2 34	17 53	1 1	6 17	0 45	15 25	1 3	23 47	0 42	4 43	0 38	19 22	0 38	25 38	2 1	10 27	10 31	19 1		n.a.
M 8	6 40	13 19	5 10	3 26	2 42	17 33	1 3	5 59	0 45	15 20	1 3	23 48	0 42	4 42	0 38	19 21	0 38	25 38	2 1	10 27	10 32	19 1		n.a.
T 9	6 17	16 13	5 17	3 54	2 51	17 13	1 5	5 40	0 44	15 16	1 3	23 48	0 42	4 41	0 38	19 21	0 38	25 38	2 1	10 28	10 34	19 1		n.a.
W10	5 54	18 13	5 5	4 19	2 58	16 53	1 7	5 22	0 44	15 11	1 3	23 48	0 42	4 41	0 38	19 20	0 38	25 38	2 1	10 28	10 35	19 1		n.a.
T 11	5 31	19 7	4 34	4 40	3 4	16 32	1 9	5 4	0 43	15 7	1 3	23 48	0 42	4 40	0 38	19 20	0 38	25 38	2 1	10 27	10 36	19 1		n.a.
F 12	5 8	18 48	3 46	4 58	3 9	16 10	1 11	4 46	0 43	15 2	1 4	23 48	0 42	4 39	0 38	19 19	0 38	25 38	2 1	10 27	10 37	19 0		n.a.
S 13	4 45	17 15	2 43	5 12	3 13	15 48	1 12	4 27	0 42	14 58	1 4	23 48	0 42	4 38	0 38	19 19	0 38	25 38	2 1	10 27	10 38	19 0		n.a.
S 14	4 21	14 34	1 30	5 23	3 16	15 26	1 14	4 9	0 42	14 53	1 4	23 48	0 42	4 37	0 38	19 18	0 38	25 38	2 1	10 26	10 39	19 0		n.a.
M15	3 58	10 58	0 11	5 29	3 18	15 3	1 16	3 51	0 41	14 49	1 4	23 48	0 42	4 36	0 38	19 18	0 38	25 38	2 1	10 26	10 41	19 0		n.a.
T 16	3 35	6 45	1n 8	5 32	3 18	14 40	1 17	3 33	0 41	14 44	1 4	23 48	0 42	4 35	0 38	19 18	0 38	25 38	2 1	10 26	10 42	19 0		n.a.
W17	3 11	2 13	2 22	5 31	3 17	14 16	1 19	3 14	0 40	14 40	1 4	23 48	0 42	4 34	0 38	19 17	0 38	25 38	2 1	10 27	10 43	18 59		n.a.
T 18	2 48	2s20	3 25	5 27	3 14	13 52	1 20	2 56	0 40	14 35	1 4	23 49	0 42	4 34	0 38	19 17	0 38	25 38	2 1	10 28	10 44	18 59		n.a.
F 19	2 25	6 39	4 15	5 19	3 10	13 28	1 21	2 38	0 39	14 31	1 4	23 49	0 42	4 33	0 38	19 16	0 38	25 38	2 1	10 29	10 45	18 59		n.a.
S 20	2 1	10 31	4 51	5 7	3 5	13 3	1 23	2 19	0 39	14 27	1 5	23 49	0 42	4 32	0 38	19 16	0 38	25 38	2 1	10 30	10 46	18 59		n.a.
S 21	1 38	13 47	5 10	4 52	2 58	12 38	1 24	2 1	0 38	14 22	1 5	23 49	0 42	4 31	0 38	19 15	0 38	25 38	2 1	10 31	10 48	18 59		n.a.
M22	1 14	16 21	5 14	4 34	2 50	12 13	1 25	1 43	0 38	14 18	1 5	23 49	0 42	4 30	0 38	19 15	0 38	25 38	2 1	10 32	10 49	18 58		n.a.
T 23	0 51	18 7	5 4	4 13	2 40	11 47	1 26	1 24	0 37	14 13	1 5	23 49	0 42	4 29	0 38	19 15	0 39	25 39	2 1	10 32	10 50	18 58		n.a.
W24	0 28	19 3	4 41	3 50	2 29	11 21	1 27	1 6	0 36	14 9	1 5	23 49	0 42	4 28	0 38	19 14	0 39	25 39	2 2	10 32	10 51	18 58		n.a.
T 25	0 4	19 7	4 6	3 24	2 17	10 55	1 28	0 48	0 36	14 5	1 5	23 49	0 42	4 27	0 38	19 14	0 39	25 39	2 2	10 32	10 52	18 58		n.a.
F 26	0n19	18 22	3 20	2 57	2 3	10 28	1 29	0 30	0 35	14 0	1 5	23 48	0 42	4 26	0 38	19 14	0 39	25 39	2 2	10 32	10 53	18 57		n.a.
S 27	0 43	16 47	2 26	2 28	1 49	10 2	1 29	0 11	0 35	13 56	1 6	23 48	0 42	4 25	0 38	19 13	0 39	25 39	2 2	10 31	10 54	18 57		n.a.
S 28	1 6	14 27	1 25	1 58	1 34	9 34	1 30	0n 7	0 34	13 51	1 6	23 48	0 42	4 24	0 38	19 13	0 39	25 39	2 2	10 31	10 56	18 57		n.a.
M29	1 30	11 27	0 19	1 27	1 18	9 7	1 31	0 25	0 34	13 47	1 6	23 48	0 42	4 23	0 38	19 12	0 39	25 39	2 2	10 30	10 57	18 57		n.a.
T 30	1 53	7 54	0s49	0 57	1 2	8 39	1 31	0 43	0 33	13 43	1 6	23 48	0 42	4 22	0 38	19 12	0 39	25 39	2 2	10 30	10 58	18 56		n.a.
W31	2n16	3s54	1s55	0n26	0n45	8s11	1s32	1n 1	0s33	13s38	1s 6	23n48	0n42	4s21	0n38	19s12	0s39	25n39	2n 2	10n31	10n59	18s56		n.a.

Julian Day Number = 1614829.5, Delta T = 03h51m04s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°06'01, Lahiri = - 7°59'01 Julian Calendar 1 March 292 BCE == Greg. Calendar 25 Feb. 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

APRIL 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 19 37	6♈37'03	7♈37	28°R47	14♓ 9	4♈30	27♒22	12♋51	12°R18	7♒42	24♊42	2°R58	1♍41	18♑38	n.a.	T 1
F 2	12 23 34	7°35'06	20°51	28♓14	15°22	5°14	27°35	12°53	12♎15	7°43	24°43	2♍53	1°38	18°45	n.a.	F 2
S 3	12 27 30	8°33'07	4♉21	27°45	16°35	5°58	27°48	12°54	12°13	7°45	24°43	2°48	1°35	18°51	n.a.	S 3
S 4	12 31 27	9°31'06	18° 4	27°19	17°49	6°41	28° 0	12°56	12°10	7°46	24°44	2°42	1°32	18°58	n.a.	S 4
M 5	12 35 23	10°29'04	1♊57	26°57	19° 2	7°25	28°13	12°57	12° 8	7°47	24°45	2°37	1°28	19° 5	n.a.	M 5
T 6	12 39 20	11°26'59	15°59	26°39	20°15	8° 8	28°25	12°59	12° 5	7°48	24°45	2°33	1°25	19°11	n.a.	T 6
W 7	12 43 17	12°24'53	0♋ 5	26°25	21°28	8°52	28°37	13° 1	12° 3	7°50	24°46	2°31	1°22	19°18	n.a.	W 7
T 8	12 47 13	13°22'45	14°15	26°16	22°41	9°35	28°50	13° 3	12° 0	7°51	24°46	2°D30	1°19	19°25	n.a.	T 8
F 9	12 51 10	14°20'35	28°26	26°D12	23°54	10°19	29° 2	13° 6	11°58	7°52	24°47	2°31	1°16	19°31	n.a.	F 9
S 10	12 55 6	15°18'22	12♌36	26°12	25° 7	11° 2	29°14	13° 8	11°55	7°53	24°48	2°32	1°13	19°38	n.a.	S 10
S 11	12 59 3	16°16'08	26°45	26°17	26°20	11°45	29°26	13°10	11°53	7°54	24°49	2°R33	1° 9	19°45	n.a.	S 11
M12	13 2 59	17°13'53	10♍48	26°27	27°33	12°28	29°38	13°13	11°50	7°55	24°49	2°33	1° 6	19°52	n.a.	M12
T 13	13 6 56	18°11'35	24°45	26°41	28°47	13°11	29°50	13°15	11°48	7°56	24°50	2°31	1° 3	19°58	n.a.	T 13
W14	13 10 52	19° 9'16	8♎31	27° 0	29°59	13°55	0♓ 2	13°18	11°45	7°57	24°51	2°27	1° 0	20° 5	n.a.	W14
T 15	13 14 49	20° 6'55	22° 5	27°23	1♈13	14°38	0°13	13°21	11°43	7°58	24°52	2°21	0°57	20°12	n.a.	T 15
F 16	13 18 46	21° 4'33	5♏23	27°50	2°26	15°21	0°25	13°23	11°40	7°59	24°52	2°13	0°54	20°18	n.a.	F 16
S 17	13 22 42	22° 2'10	18°24	28°22	3°39	16° 3	0°37	13°26	11°38	8° 0	24°53	2° 4	0°50	20°25	n.a.	S 17
S 18	13 26 39	22°59'45	1♐ 7	28°57	4°52	16°46	0°48	13°29	11°35	8° 1	24°54	1°56	0°47	20°32	n.a.	S 18
M19	13 30 35	23°57'20	13°34	29°37	6° 5	17°29	0°59	13°32	11°33	8° 2	24°55	1°48	0°44	20°38	n.a.	M19
T 20	13 34 32	24°54'53	25°45	0♈20	7°19	18°12	1°11	13°36	11°30	8° 3	24°56	1°42	0°41	20°45	n.a.	T 20
W21	13 38 28	25°52'25	7♑45	1° 7	8°32	18°55	1°22	13°39	11°28	8° 4	24°57	1°38	0°38	20°52	n.a.	W21
T 22	13 42 25	26°49'56	19°37	1°57	9°45	19°37	1°33	13°42	11°25	8° 4	24°58	1°37	0°34	20°58	n.a.	T 22
F 23	13 46 21	27°47'26	1♒28	2°51	10°58	20°20	1°44	13°46	11°23	8° 5	24°59	1°D36	0°31	21° 5	n.a.	F 23
S 24	13 50 18	28°44'55	13°21	3°48	12°11	21° 3	1°55	13°49	11°21	8° 6	25° 0	1°37	0°28	21°12	n.a.	S 24
S 25	13 54 15	29°42'23	25°21	4°49	13°25	21°45	2° 6	13°53	11°18	8° 7	25° 1	1°R38	0°25	21°18	n.a.	S 25
M26	13 58 11	0♉39'50	7♓35	5°52	14°38	22°28	2°16	13°57	11°16	8° 7	25° 2	1°38	0°22	21°25	n.a.	M26
T 27	14 2 8	1°37'17	20° 6	6°59	15°51	23°10	2°27	14° 1	11°14	8° 8	25° 3	1°36	0°19	21°32	n.a.	T 27
W28	14 6 4	2°34'42	2♈58	8° 9	17° 4	23°52	2°37	14° 5	11°11	8° 8	25° 4	1°32	0°15	21°38	n.a.	W28
T 29	14 10 1	3°32'06	16°11	9°21	18°18	24°35	2°48	14° 9	11° 9	8° 9	25° 5	1°26	0°12	21°45	n.a.	T 29
F 30	14 13 57	4♉29'30	29♈46	10♈37	19♈31	25♈17	2♓58	14♋13	11♎ 7	8♒10	25♊ 6	1♍18	0♍ 9	21♑52	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n39	0n21	2s58	0s 3	0n29	7s43	1s32	1n19	0s32	13s34	1s 6	23n48	0n42	4s20	0n38	19s11	0s39	25n39	2n 2	10n32	11n 0	18s56		n.a.
F 2	3 3	4 40	3 51	0 32	0 12	7 15	1 32	1 37	0 31	13 30	1 7	23 48	0 42	4 19	0 38	19 11	0 39	25 39	2 2	10 34	11 1	18 56		n.a.
S 3	3 26	8 50	4 34	0 59	0s 5	6 47	1 33	1 55	0 31	13 26	1 7	23 48	0 42	4 18	0 38	19 11	0 39	25 39	2 2	10 36	11 2	18 55		n.a.
S 4	3 49	12 36	5 1	1 24	0 21	6 18	1 33	2 13	0 30	13 21	1 7	23 48	0 42	4 17	0 38	19 10	0 39	25 39	2 2	10 38	11 4	18 55		n.a.
M 5	4 12	15 44	5 11	1 48	0 37	5 49	1 33	2 31	0 30	13 17	1 7	23 47	0 42	4 16	0 38	19 10	0 39	25 39	2 2	10 40	11 5	18 55		n.a.
T 6	4 35	17 58	5 2	2 9	0 53	5 20	1 33	2 49	0 29	13 13	1 7	23 47	0 42	4 15	0 38	19 10	0 39	25 39	2 2	10 41	11 6	18 54		n.a.
W 7	4 58	19 8	4 36	2 28	1 7	4 51	1 33	3 7	0 29	13 9	1 7	23 47	0 42	4 14	0 38	19 10	0 39	25 39	2 2	10 42	11 7	18 54		n.a.
T 8	5 21	19 6	3 52	2 45	1 22	4 22	1 33	3 25	0 28	13 5	1 8	23 47	0 42	4 13	0 38	19 9	0 39	25 39	2 2	10 42	11 8	18 54		n.a.
F 9	5 43	17 53	2 54	2 59	1 35	3 52	1 33	3 43	0 27	13 0	1 8	23 47	0 42	4 12	0 38	19 9	0 39	25 39	2 2	10 42	11 9	18 54		n.a.
S 10	6 6	15 32	1 46	3 10	1 48	3 23	1 33	4 0	0 27	12 56	1 8	23 46	0 42	4 11	0 38	19 9	0 39	25 39	2 2	10 42	11 10	18 53		n.a.
S 11	6 28	12 15	0 31	3 19	1 59	2 53	1 32	4 18	0 26	12 52	1 8	23 46	0 42	4 10	0 38	19 8	0 39	25 39	2 2	10 41	11 12	18 53		n.a.
M12	6 51	8 17	0n45	3 25	2 10	2 23	1 32	4 36	0 26	12 48	1 8	23 46	0 42	4 9	0 38	19 8	0 39	25 39	2 2	10 41	11 13	18 53		n.a.
T 13	7 13	3 54	1 57	3 28	2 20	1 53	1 32	4 53	0 25	12 44	1 9	23 46	0 42	4 8	0 38	19 8	0 39	25 39	2 2	10 42	11 14	18 52		n.a.
W14	7 35	0s38	3 2	3 29	2 29	1 24	1 31	5 11	0 25	12 40	1 9	23 46	0 42	4 7	0 38	19 8	0 39	25 39	2 2	10 44	11 15	18 52		n.a.
T 15	7 57	5 4	3 55	3 27	2 37	0 54	1 31	5 28	0 24	12 36	1 9	23 45	0 42	4 6	0 38	19 8	0 39	25 39	2 2	10 46	11 16	18 52		n.a.
F 16	8 19	9 10	4 34	3 23	2 45	0 24	1 30	5 45	0 23	12 32	1 9	23 45	0 42	4 5	0 38	19 7	0 39	25 39	2 2	10 49	11 17	18 51		n.a.
S 17	8 41	12 44	4 58	3 16	2 51	0n 6	1 29	6 2	0 23	12 28	1 9	23 45	0 42	4 4	0 38	19 7	0 39	25 40	2 2	10 52	11 18	18 51		n.a.
S 18	9 3	15 38	5 7	3 7	2 57	0 36	1 29	6 20	0 22	12 24	1 10	23 44	0 43	4 3	0 38	19 7	0 39	25 40	2 2	10 55	11 20	18 51		n.a.
M19	9 24	17 44	5 1	2 55	3 1	1 6	1 28	6 37	0 22	12 20	1 10	23 44	0 43	4 2	0 38	19 7	0 39	25 40	2 2	10 58	11 21	18 50		n.a.
T 20	9 46	18 59	4 41	2 42	3 5	1 36	1 27	6 54	0 21	12 16	1 10	23 44	0 43	4 1	0 38	19 7	0 39	25 40	2 2	11 0	11 22	18 50		n.a.
W21	10 7	19 22	4 8	2 25	3 8	2 6	1 26	7 11	0 20	12 13	1 10	23 43	0 43	4 0	0 38	19 6	0 39	25 40	2 2	11 1	11 23	18 50		n.a.
T 22	10 28	18 53	3 26	2 7	3 10	2 36	1 25	7 28	0 20	12 9	1 10	23 43	0 43	4 0	0 38	19 6	0 39	25 40	2 2	11 2	11 24	18 49		n.a.
F 23	10 49	17 34	2 35	1 47	3 12	3 6	1 24	7 45	0 19	12 5	1 11	23 43	0 43	3 59	0 38	19 6	0 39	25 40	2 2	11 2	11 25	18 49		n.a.
S 24	11 10	15 28	1 37	1 25	3 13	3 36	1 23	8 1	0 19	12 1	1 11	23 42	0 43	3 58	0 38	19 6	0 40	25 40	2 2	11 2	11 26	18 49		n.a.
S 25	11 30	12 42	0 34	1 0	3 13	4 6	1 22	8 18	0 18	11 58	1 11	23 42	0 43	3 57	0 38	19 6	0 40	25 40	2 2	11 1	11 28	18 48		n.a.
M26	11 51	9 19	0s32	0 34	3 12	4 36	1 20	8 34	0 17	11 54	1 11	23 42	0 43	3 56	0 38	19 6	0 40	25 40	2 2	11 1	11 29	18 48		n.a.
T 27	12 11	5 27	1 37	0 6	3 10	5 6	1 19	8 51	0 17	11 50	1 11	23 41	0 43	3 55	0 38	19 5	0 40	25 40	2 2	11 2	11 30	18 48		n.a.
W28	12 31	1 14	2 39	0n24	3 8	5 35	1 18	9 7	0 16	11 47	1 12	23 41	0 43	3 54	0 38	19 5	0 40	25 40	2 2	11 3	11 31	18 47		n.a.
T 29	12 51	3n 9	3 35	0 55	3 5	6 5	1 16	9 24	0 16	11 43	1 12	23 40	0 43	3 53	0 38	19 5	0 40	25 40	2 2	11 6	11 32	18 47		n.a.
F 30	13n10	7n29	4s19	1n28	3s 2	6n34	1s15	9n40	0s15	11s39	1s12	23n40	0n43	3s52	0n38	19s 5	0s40	25n40	2n 2	11n 9	11n33	18s47		n.a.

Julian Day Number = 1614860.5, Delta T = 03h51m03s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'57, Lahiri = - 7°58'56 Julian Calendar 1 Apr. 292 BCE == Greg. Calendar 28 March 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

MAY 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 17 54	5♉26'52	13♉40	11♈55	20♈44	25♈59	3♓ 8	14♋17	11°R 4	8♒10	25♊ 7	1°R 8	0♍ 6	21♑58	n.a.	S 1
S 2	14 21 50	6°24'14	27°50	13°17	21°57	26°41	3°18	14°21	11♎ 2	8°11	25° 8	0♍58	0° 3	22° 5	n.a.	S 2
M 3	14 25 47	7°21'34	12♊10	14°40	23°11	27°23	3°28	14°26	11° 0	8°11	25°10	0°48	29♌59	22°12	n.a.	M 3
T 4	14 29 44	8°18'54	26°34	16° 7	24°24	28° 5	3°38	14°30	10°58	8°11	25°11	0°41	29°56	22°18	n.a.	T 4
W 5	14 33 40	9°16'12	10♋57	17°36	25°37	28°47	3°48	14°35	10°56	8°12	25°12	0°36	29°53	22°25	n.a.	W 5
T 6	14 37 37	10°13'30	25°15	19° 8	26°50	29°29	3°57	14°39	10°54	8°12	25°13	0°33	29°50	22°32	n.a.	T 6
F 7	14 41 33	11°10'46	9♌26	20°43	28° 4	0♉11	4° 7	14°44	10°52	8°12	25°14	0°D32	29°47	22°38	n.a.	F 7
S 8	14 45 30	12° 8'00	23°27	22°20	29°17	0°53	4°16	14°49	10°50	8°13	25°16	0°R32	29°44	22°45	n.a.	S 8
S 9	14 49 26	13° 5'14	7♍19	24° 0	0♉30	1°35	4°25	14°53	10°48	8°13	25°17	0°32	29°40	22°52	n.a.	S 9
M10	14 53 23	14° 2'27	21° 1	25°43	1°44	2°17	4°34	14°58	10°46	8°13	25°18	0°31	29°37	22°58	n.a.	M10
T 11	14 57 19	14°59'39	4♎34	27°28	2°57	2°58	4°43	15° 3	10°44	8°13	25°20	0°27	29°34	23° 5	n.a.	T 11
W12	15 1 16	15°56'50	17°56	29°16	4°10	3°40	4°52	15° 8	10°42	8°13	25°21	0°21	29°31	23°12	n.a.	W12
T 13	15 5 13	16°54'00	1♏ 8	1♉ 6	5°24	4°22	5° 1	15°13	10°40	8°13	25°22	0°11	29°28	23°18	n.a.	T 13
F 14	15 9 9	17°51'10	14° 7	2°59	6°37	5° 3	5°10	15°19	10°38	8°14	25°24	0° 0	29°25	23°25	n.a.	F 14
S 15	15 13 6	18°48'19	26°52	4°54	7°50	5°45	5°18	15°24	10°36	8°14	25°25	29♌48	29°21	23°32	n.a.	S 15
S 16	15 17 2	19°45'27	9♐24	6°51	9° 4	6°26	5°26	15°29	10°34	8°R14	25°26	29°35	29°18	23°38	n.a.	S 16
M17	15 20 59	20°42'35	21°43	8°51	10°17	7° 7	5°35	15°35	10°33	8°14	25°28	29°24	29°15	23°45	n.a.	M17
T 18	15 24 55	21°39'43	3♑49	10°53	11°31	7°49	5°43	15°40	10°31	8°13	25°29	29°14	29°12	23°52	n.a.	T 18
W19	15 28 52	22°36'51	15°46	12°56	12°44	8°30	5°51	15°46	10°29	8°13	25°30	29° 7	29° 9	23°58	n.a.	W19
T 20	15 32 48	23°33'58	27°37	15° 2	13°57	9°11	5°58	15°51	10°28	8°13	25°32	29° 3	29° 5	24° 5	n.a.	T 20
F 21	15 36 45	24°31'06	9♒26	17° 9	15°11	9°52	6° 6	15°57	10°26	8°13	25°33	29° 1	29° 2	24°12	n.a.	F 21
S 22	15 40 42	25°28'13	21°18	19°17	16°24	10°34	6°14	16° 3	10°24	8°13	25°35	29° 0	28°59	24°19	n.a.	S 22
S 23	15 44 38	26°25'20	3♓18	21°26	17°38	11°15	6°21	16° 8	10°23	8°13	25°36	29° 0	28°56	24°25	n.a.	S 23
M24	15 48 35	27°22'27	15°32	23°37	18°51	11°56	6°28	16°14	10°22	8°12	25°38	28°59	28°53	24°32	n.a.	M24
T 25	15 52 31	28°19'34	28° 5	25°47	20° 5	12°37	6°35	16°20	10°20	8°12	25°39	28°57	28°50	24°39	n.a.	T 25
W26	15 56 28	29°16'41	11♈ 1	27°58	21°18	13°18	6°42	16°26	10°19	8°12	25°41	28°53	28°46	24°45	n.a.	W26
T 27	16 0 24	0♊13'48	24°23	0♊ 9	22°32	13°59	6°49	16°32	10°17	8°11	25°42	28°46	28°43	24°52	n.a.	T 27
F 28	16 4 21	1°10'56	8♉11	2°20	23°45	14°40	6°56	16°38	10°16	8°11	25°44	28°37	28°40	24°59	n.a.	F 28
S 29	16 8 17	2° 8'03	22°23	4°30	24°59	15°20	7° 2	16°44	10°15	8°11	25°45	28°26	28°37	25° 5	n.a.	S 29
S 30	16 12 14	3° 5'10	6♊55	6°39	26°12	16° 1	7° 8	16°50	10°14	8°10	25°47	28°14	28°34	25°12	n.a.	S 30
M31	16 16 11	4♊ 2'18	21♊39	8♊48	27♉26	16♉42	7♓14	16♋57	10♎12	8♒10	25♊48	28♌ 4	28♌31	25♑19	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n30	11n32	4s49	2n 3	2s57	7n 3	1s14	9n56	0s14	11s36	1s12	23n40	0n43	3s51	0n38	19s 5	0s40	25n40	2n 2	11n12	11n34	18s46		n.a.
S 2	13 49	15 0	5 3	2 39	2 53	7 32	1 12	10 12	0 14	11 33	1 13	23 39	0 43	3 51	0 38	19 5	0 40	25 40	2 2	11 16	11 35	18 46		n.a.
M 3	14 8	17 37	4 57	3 17	2 47	8 1	1 10	10 28	0 13	11 29	1 13	23 39	0 43	3 50	0 38	19 5	0 40	25 41	2 2	11 19	11 37	18 45		n.a.
T 4	14 27	19 8	4 33	3 56	2 41	8 30	1 9	10 44	0 13	11 26	1 13	23 38	0 43	3 49	0 38	19 5	0 40	25 41	2 2	11 22	11 38	18 45		n.a.
W 5	14 45	19 25	3 52	4 37	2 35	8 59	1 7	10 59	0 12	11 22	1 13	23 38	0 43	3 48	0 38	19 5	0 40	25 41	2 2	11 24	11 39	18 45		n.a.
T 6	15 4	18 28	2 56	5 18	2 28	9 27	1 5	11 15	0 11	11 19	1 14	23 37	0 43	3 47	0 38	19 5	0 40	25 41	2 2	11 25	11 40	18 44		n.a.
F 7	15 22	16 21	1 50	6 1	2 20	9 55	1 4	11 30	0 11	11 16	1 14	23 37	0 43	3 46	0 38	19 5	0 40	25 41	2 2	11 25	11 41	18 44		n.a.
S 8	15 40	13 16	0 38	6 46	2 12	10 23	1 2	11 46	0 10	11 13	1 14	23 36	0 43	3 46	0 37	19 5	0 40	25 41	2 2	11 25	11 42	18 44		n.a.
S 9	15 57	9 29	0n36	7 31	2 3	10 51	1 0	12 1	0 9	11 9	1 14	23 36	0 43	3 45	0 37	19 5	0 40	25 41	2 2	11 25	11 43	18 43		n.a.
M10	16 15	5 14	1 46	8 17	1 54	11 19	0 58	12 16	0 9	11 6	1 15	23 35	0 43	3 44	0 37	19 4	0 40	25 41	2 3	11 25	11 45	18 43		n.a.
T 11	16 32	0 46	2 50	9 4	1 45	11 46	0 56	12 31	0 8	11 3	1 15	23 35	0 43	3 43	0 37	19 4	0 40	25 41	2 3	11 27	11 46	18 42		n.a.
W12	16 49	3s41	3 43	9 52	1 35	12 13	0 54	12 46	0 8	11 0	1 15	23 34	0 43	3 43	0 37	19 4	0 40	25 41	2 3	11 29	11 47	18 42		n.a.
T 13	17 5	7 53	4 24	10 40	1 25	12 39	0 52	13 1	0 7	10 57	1 15	23 34	0 43	3 42	0 37	19 4	0 40	25 41	2 3	11 32	11 48	18 42		n.a.
F 14	17 22	11 40	4 50	11 29	1 15	13 6	0 50	13 16	0 6	10 54	1 16	23 33	0 43	3 41	0 37	19 4	0 40	25 41	2 3	11 36	11 49	18 41		n.a.
S 15	17 38	14 49	5 0	12 18	1 4	13 32	0 48	13 30	0 6	10 51	1 16	23 32	0 43	3 41	0 37	19 5	0 40	25 41	2 3	11 41	11 50	18 41		n.a.
S 16	17 53	17 15	4 56	13 8	0 53	13 58	0 46	13 45	0 5	10 48	1 16	23 32	0 43	3 40	0 37	19 5	0 40	25 42	2 3	11 45	11 51	18 40		n.a.
M17	18 9	18 50	4 39	13 57	0 42	14 23	0 44	13 59	0 4	10 46	1 16	23 31	0 43	3 39	0 37	19 5	0 40	25 42	2 3	11 49	11 52	18 40		n.a.
T 18	18 24	19 32	4 8	14 47	0 31	14 48	0 42	14 13	0 4	10 43	1 17	23 31	0 43	3 39	0 37	19 5	0 40	25 42	2 3	11 53	11 54	18 39		n.a.
W19	18 39	19 21	3 28	15 35	0 20	15 13	0 40	14 27	0 3	10 40	1 17	23 30	0 43	3 38	0 37	19 5	0 40	25 42	2 3	11 55	11 55	18 39		n.a.
T 20	18 53	18 18	2 38	16 24	0 9	15 37	0 37	14 41	0 3	10 37	1 17	23 29	0 43	3 37	0 37	19 5	0 40	25 42	2 3	11 57	11 56	18 39		n.a.
F 21	19 8	16 28	1 42	17 11	0n 2	16 1	0 35	14 55	0 2	10 35	1 18	23 29	0 43	3 37	0 37	19 5	0 40	25 42	2 3	11 57	11 57	18 38		n.a.
S 22	19 22	13 56	0 41	17 58	0 13	16 25	0 33	15 9	0 1	10 32	1 18	23 28	0 43	3 36	0 37	19 5	0 40	25 42	2 3	11 58	11 58	18 38		n.a.
S 23	19 35	10 46	0s23	18 43	0 23	16 48	0 31	15 22	0 1	10 30	1 18	23 27	0 43	3 36	0 37	19 5	0 41	25 42	2 3	11 58	11 59	18 37		n.a.
M24	19 49	7 6	1 26	19 26	0 33	17 11	0 28	15 36	0 0	10 27	1 18	23 27	0 43	3 35	0 37	19 5	0 41	25 42	2 3	11 58	12 0	18 37		n.a.
T 25	20 2	3 1	2 28	20 8	0 43	17 33	0 26	15 49	0n 0	10 25	1 19	23 26	0 43	3 34	0 37	19 5	0 41	25 42	2 3	11 59	12 1	18 36		n.a.
W26	20 14	1n18	3 23	20 48	0 52	17 55	0 24	16 2	0 1	10 23	1 19	23 25	0 43	3 34	0 37	19 5	0 41	25 42	2 3	12 0	12 2	18 36		n.a.
T 27	20 27	5 42	4 9	21 25	1 1	18 17	0 21	16 15	0 2	10 20	1 19	23 25	0 43	3 33	0 37	19 5	0 41	25 43	2 3	12 3	12 4	18 35		n.a.
F 28	20 39	9 57	4 42	22 1	1 9	18 38	0 19	16 28	0 2	10 18	1 20	23 24	0 43	3 33	0 37	19 6	0 41	25 43	2 3	12 6	12 5	18 35		n.a.
S 29	20 50	13 46	4 59	22 33	1 17	18 58	0 17	16 41	0 3	10 16	1 20	23 23	0 44	3 32	0 37	19 6	0 41	25 43	2 3	12 10	12 6	18 34		n.a.
S 30	21 2	16 50	4 57	23 4	1 24	19 18	0 14	16 53	0 4	10 14	1 20	23 22	0 44	3 32	0 37	19 6	0 41	25 43	2 3	12 14	12 7	18 34		n.a.
M31	21n13	18n52	4s36	23n31	1n30	19n38	0s12	17n 6	0n 4	10s12	1s20	23n22	0n44	3s32	0n37	19s 6	0s41	25n43	2n 3	12n17	12n 8	18s33		n.a.

Julian Day Number = 1614890.5, Delta T = 03h51m02s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'53, Lahiri = - 7°58'52 Julian Calendar 1 May 292 BCE == Greg. Calendar 27 Apr. 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

JUNE 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 20 7	4♊59'25	6♋28	10♊55	28♉40	17♉23	7♓20	17♋ 3	10°R11	8°R 9	25♊50	27°R55	28♌27	25♑25	n.a.	T 1
W 2	16 24 4	5°56'32	21°13	13° 1	29°53	18° 3	7°26	17° 9	10♎10	8♒ 9	25°51	27♌49	28°24	25°32	n.a.	W 2
T 3	16 28 0	6°53'39	5♌47	15° 5	1♊ 7	18°44	7°32	17°16	10° 9	8° 8	25°53	27°46	28°21	25°39	n.a.	T 3
F 4	16 31 57	7°50'46	20° 7	17° 8	2°20	19°24	7°37	17°22	10° 8	8° 8	25°54	27°44	28°18	25°45	n.a.	F 4
S 5	16 35 53	8°47'53	4♍11	19° 9	3°34	20° 5	7°43	17°29	10° 7	8° 7	25°56	27°44	28°15	25°52	n.a.	S 5
S 6	16 39 50	9°44'59	17°58	21° 8	4°48	20°45	7°48	17°35	10° 6	8° 6	25°58	27°44	28°11	25°59	n.a.	S 6
M 7	16 43 47	10°42'05	1♎29	23° 5	6° 1	21°26	7°53	17°42	10° 6	8° 6	25°59	27°43	28° 8	26° 5	n.a.	M 7
T 8	16 47 43	11°39'12	14°46	25° 1	7°15	22° 6	7°58	17°48	10° 5	8° 5	26° 1	27°39	28° 5	26°12	n.a.	T 8
W 9	16 51 40	12°36'18	27°49	26°55	8°29	22°46	8° 2	17°55	10° 4	8° 4	26° 2	27°33	28° 2	26°19	n.a.	W 9
T 10	16 55 36	13°33'24	10♏40	28°47	9°42	23°26	8° 7	18° 2	10° 3	8° 3	26° 4	27°24	27°59	26°25	n.a.	T 10
F 11	16 59 33	14°30'31	23°20	0♋37	10°56	24° 7	8°11	18° 9	10° 3	8° 3	26° 6	27°13	27°56	26°32	n.a.	F 11
S 12	17 3 29	15°27'38	5♐49	2°25	12°10	24°47	8°15	18°15	10° 2	8° 2	26° 7	27° 1	27°52	26°39	n.a.	S 12
S 13	17 7 26	16°24'45	18° 7	4°11	13°24	25°27	8°19	18°22	10° 2	8° 1	26° 9	26°49	27°49	26°45	n.a.	S 13
M14	17 11 22	17°21'53	0♑15	5°55	14°37	26° 7	8°23	18°29	10° 1	8° 0	26°11	26°38	27°46	26°52	n.a.	M14
T 15	17 15 19	18°19'02	12°15	7°37	15°51	26°47	8°26	18°36	10° 1	7°59	26°12	26°28	27°43	26°59	n.a.	T 15
W16	17 19 16	19°16'11	24° 7	9°18	17° 5	27°27	8°30	18°43	10° 0	7°58	26°14	26°21	27°40	27° 5	n.a.	W16
T 17	17 23 12	20°13'20	5♒56	10°56	18°19	28° 7	8°33	18°50	10° 0	7°57	26°15	26°17	27°37	27°12	n.a.	T 17
F 18	17 27 9	21°10'31	17°43	12°33	19°33	28°47	8°36	18°57	10° 0	7°56	26°17	26°15	27°33	27°19	n.a.	F 18
S 19	17 31 5	22° 7'42	29°35	14° 8	20°46	29°26	8°39	19° 4	10° 0	7°55	26°19	26°D15	27°30	27°25	n.a.	S 19
S 20	17 35 2	23° 4'54	11♓34	15°40	22° 0	0♊ 6	8°42	19°11	9°59	7°54	26°20	26°15	27°27	27°32	n.a.	S 20
M21	17 38 58	24° 2'07	23°47	17°11	23°14	0°46	8°44	19°18	9°59	7°53	26°22	26°R16	27°24	27°39	n.a.	M21
T 22	17 42 55	24°59'21	6♈18	18°40	24°28	1°26	8°46	19°26	9°59	7°52	26°24	26°15	27°21	27°45	n.a.	T 22
W23	17 46 51	25°56'36	19°13	20° 7	25°42	2° 5	8°49	19°33	9°D59	7°51	26°25	26°13	27°17	27°52	n.a.	W23
T 24	17 50 48	26°53'52	2♉34	21°32	26°56	2°45	8°50	19°40	9°59	7°50	26°27	26° 8	27°14	27°59	n.a.	T 24
F 25	17 54 45	27°51'09	16°25	22°55	28°10	3°25	8°52	19°47	9°59	7°49	26°29	26° 1	27°11	28° 5	n.a.	F 25
S 26	17 58 41	28°48'28	0♊43	24°16	29°24	4° 4	8°54	19°55	9°59	7°48	26°30	25°53	27° 8	28°12	n.a.	S 26
S 27	18 2 38	29°45'47	15°25	25°35	0♋38	4°44	8°55	20° 2	10° 0	7°46	26°32	25°45	27° 5	28°19	n.a.	S 27
M28	18 6 34	0♋43'07	0♋24	26°52	1°52	5°23	8°56	20° 9	10° 0	7°45	26°34	25°37	27° 2	28°25	n.a.	M28
T 29	18 10 31	1°40'29	15°30	28° 6	3° 6	6° 2	8°57	20°17	10° 0	7°44	26°35	25°30	26°58	28°32	n.a.	T 29
W30	18 14 27	2♋37'51	0♌35	29♋19	4♋20	6♊42	8♓58	20♋24	10♎ 1	7♒43	26♊37	25♌26	26♌55	28♑39	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n23	19n38	3s56	23n56	1n36	19n57	0s10	17n18	0n 5	10s10	1s21	23n21	0n44	3s31	0n37	19s 6	0s41	25n43	2n 3	12n20	12n 9	18s33		n.a.
W 2	21 33	19 4	3 0	24 18	1 41	20 15	0 7	17 30	0 5	10 8	1 21	23 20	0 44	3 31	0 37	19 6	0 41	25 43	2 3	12 23	12 10	18 32		n.a.
T 3	21 43	17 13	1 53	24 37	1 45	20 33	0 5	17 42	0 6	10 6	1 21	23 19	0 44	3 30	0 37	19 7	0 41	25 43	2 3	12 24	12 11	18 32		n.a.
F 4	21 53	14 19	0 40	24 54	1 49	20 50	0 3	17 54	0 7	10 4	1 22	23 18	0 44	3 30	0 37	19 7	0 41	25 43	2 4	12 24	12 12	18 31		n.a.
S 5	22 2	10 37	0n34	25 8	1 51	21 7	0 0	18 6	0 7	10 3	1 22	23 18	0 44	3 30	0 37	19 7	0 41	25 43	2 4	12 24	12 14	18 31		n.a.
S 6	22 11	6 25	1 45	25 19	1 54	21 23	0n 2	18 17	0 8	10 1	1 22	23 17	0 44	3 29	0 37	19 7	0 41	25 44	2 4	12 24	12 15	18 30		n.a.
M 7	22 19	1 59	2 49	25 28	1 55	21 39	0 5	18 28	0 9	9 59	1 23	23 16	0 44	3 29	0 37	19 7	0 41	25 44	2 4	12 25	12 16	18 30		n.a.
T 8	22 27	2s29	3 42	25 34	1 56	21 54	0 7	18 40	0 9	9 58	1 23	23 15	0 44	3 29	0 37	19 8	0 41	25 44	2 4	12 26	12 17	18 29		n.a.
W 9	22 35	6 45	4 23	25 37	1 56	22 8	0 9	18 51	0 10	9 56	1 23	23 14	0 44	3 29	0 36	19 8	0 41	25 44	2 4	12 28	12 18	18 29		n.a.
T 10	22 42	10 38	4 49	25 39	1 55	22 22	0 12	19 2	0 11	9 55	1 24	23 13	0 44	3 28	0 36	19 8	0 41	25 44	2 4	12 31	12 19	18 28		n.a.
F 11	22 49	13 59	5 1	25 38	1 54	22 35	0 14	19 12	0 11	9 54	1 24	23 13	0 44	3 28	0 36	19 8	0 41	25 44	2 4	12 35	12 20	18 28		n.a.
S 12	22 55	16 39	4 58	25 35	1 52	22 48	0 16	19 23	0 12	9 52	1 24	23 12	0 44	3 28	0 36	19 8	0 41	25 44	2 4	12 39	12 21	18 27		n.a.
S 13	23 2	18 31	4 41	25 30	1 50	22 59	0 19	19 33	0 12	9 51	1 25	23 11	0 44	3 28	0 36	19 9	0 41	25 44	2 4	12 43	12 22	18 27		n.a.
M14	23 7	19 32	4 12	25 23	1 47	23 11	0 21	19 44	0 13	9 50	1 25	23 10	0 44	3 28	0 36	19 9	0 41	25 44	2 4	12 47	12 24	18 26		n.a.
T 15	23 12	19 39	3 32	25 14	1 44	23 21	0 23	19 54	0 14	9 49	1 25	23 9	0 44	3 27	0 36	19 9	0 41	25 44	2 4	12 51	12 25	18 26		n.a.
W16	23 17	18 53	2 42	25 3	1 40	23 31	0 26	20 4	0 14	9 48	1 25	23 8	0 44	3 27	0 36	19 10	0 41	25 45	2 4	12 53	12 26	18 25		n.a.
T 17	23 22	17 18	1 46	24 51	1 35	23 40	0 28	20 13	0 15	9 47	1 26	23 7	0 44	3 27	0 36	19 10	0 41	25 45	2 4	12 54	12 27	18 25		n.a.
F 18	23 26	14 59	0 45	24 37	1 30	23 49	0 30	20 23	0 16	9 46	1 26	23 6	0 44	3 27	0 36	19 10	0 41	25 45	2 4	12 55	12 28	18 24		n.a.
S 19	23 29	12 2	0s18	24 22	1 25	23 56	0 32	20 32	0 16	9 45	1 26	23 5	0 44	3 27	0 36	19 10	0 41	25 45	2 4	12 55	12 29	18 24		n.a.
S 20	23 33	8 33	1 21	24 6	1 19	24 3	0 34	20 41	0 17	9 45	1 27	23 4	0 44	3 27	0 36	19 11	0 41	25 45	2 4	12 55	12 30	18 23		n.a.
M21	23 36	4 40	2 22	23 48	1 12	24 10	0 37	20 50	0 17	9 44	1 27	23 3	0 45	3 27	0 36	19 11	0 41	25 45	2 4	12 55	12 31	18 23		n.a.
T 22	23 38	0 29	3 17	23 29	1 5	24 15	0 39	20 59	0 18	9 44	1 27	23 2	0 45	3 27	0 36	19 11	0 41	25 45	2 5	12 55	12 32	18 22		n.a.
W23	23 40	3n50	4 5	23 9	0 58	24 20	0 41	21 8	0 19	9 43	1 28	23 1	0 45	3 27	0 36	19 12	0 41	25 45	2 5	12 56	12 34	18 21		n.a.
T 24	23 41	8 7	4 40	22 49	0 50	24 24	0 43	21 17	0 19	9 43	1 28	23 0	0 45	3 27	0 36	19 12	0 42	25 45	2 5	12 57	12 35	18 21		n.a.
F 25	23 43	12 8	5 1	22 27	0 42	24 28	0 45	21 25	0 20	9 42	1 28	22 59	0 45	3 27	0 36	19 12	0 42	25 46	2 5	13 0	12 36	18 20		n.a.
S 26	23 43	15 35	5 5	22 5	0 34	24 30	0 47	21 33	0 21	9 42	1 29	22 58	0 45	3 27	0 36	19 13	0 42	25 46	2 5	13 2	12 37	18 20		n.a.
S 27	23 44	18 9	4 48	21 42	0 25	24 32	0 49	21 41	0 21	9 42	1 29	22 57	0 45	3 27	0 36	19 13	0 42	25 46	2 5	13 5	12 38	18 19		n.a.
M28	23 44	19 32	4 12	21 18	0 16	24 34	0 51	21 49	0 22	9 42	1 29	22 56	0 45	3 28	0 36	19 13	0 42	25 46	2 5	13 8	12 39	18 19		n.a.
T 29	23 43	19 33	3 17	20 54	0 7	24 34	0 53	21 57	0 22	9 42	1 30	22 55	0 45	3 28	0 36	19 14	0 42	25 46	2 5	13 10	12 40	18 18		n.a.
W30	23n42	18n10	2s 9	20n29	0s 3	24n34	0n54	22n 4	0n23	9s42	1s30	22n54	0n45	3s28	0n36	19s14	0s42	25n46	2n 5	13n12	12n41	18s17		n.a.

Julian Day Number = 1614921.5, Delta T = 03h51m01s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'49, Lahiri = - 7°58'48 Julian Calendar 1 June 292 BCE == Greg. Calendar 28 May 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

JULY 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 18 24	3♋35'14	15♌28	0♌29	5♋34	7♊21	8♓58	20♋31	10♎ 1	7°R41	26♊39	25°R24	26♌52	28♉45	n.a.	T 1
F 2	18 22 20	4°32'37	0♍ 4	1°36	6°48	8° 0	8°59	20°39	10° 1	7♒40	26°40	25°D23	26°49	28°52	n.a.	F 2
S 3	18 26 17	5°30'02	14°18	2°41	8° 2	8°39	8°R59	20°46	10° 2	7°39	26°42	25♌24	26°46	28°59	n.a.	S 3
S 4	18 30 14	6°27'27	28°10	3°44	9°16	9°19	8°59	20°54	10° 2	7°38	26°43	25°25	26°43	29° 5	n.a.	S 4
M 5	18 34 10	7°24'53	11♎41	4°44	10°30	9°58	8°58	21° 1	10° 3	7°36	26°45	25°R25	26°39	29°12	n.a.	M 5
T 6	18 38 7	8°22'20	24°51	5°41	11°44	10°37	8°58	21° 9	10° 4	7°35	26°47	25°24	26°36	29°19	n.a.	T 6
W 7	18 42 3	9°19'48	7♏44	6°35	12°58	11°16	8°57	21°16	10° 4	7°33	26°48	25°21	26°33	29°25	n.a.	W 7
T 8	18 46 0	10°17'16	20°22	7°26	14°13	11°55	8°57	21°24	10° 5	7°32	26°50	25°15	26°30	29°32	n.a.	T 8
F 9	18 49 56	11°14'46	2♐47	8°13	15°27	12°34	8°55	21°31	10° 6	7°31	26°52	25° 9	26°27	29°38	n.a.	F 9
S 10	18 53 53	12°12'17	15° 1	8°57	16°41	13°13	8°54	21°39	10° 7	7°29	26°53	25° 1	26°23	29°45	n.a.	S 10
S 11	18 57 49	13° 9'49	27° 7	9°38	17°55	13°52	8°53	21°46	10° 8	7°28	26°55	24°53	26°20	29°52	n.a.	S 11
M12	19 1 46	14° 7'22	9♑ 6	10°15	19° 9	14°30	8°51	21°54	10° 9	7°26	26°56	24°46	26°17	29°58	n.a.	M12
T 13	19 5 43	15° 4'57	20°59	10°48	20°23	15° 9	8°49	22° 2	10°10	7°25	26°58	24°40	26°14	0♒ 5	n.a.	T 13
W14	19 9 39	16° 2'33	2♒48	11°16	21°38	15°48	8°47	22° 9	10°11	7°23	26°59	24°36	26°11	0°12	n.a.	W14
T 15	19 13 36	17° 0'11	14°36	11°40	22°52	16°27	8°45	22°17	10°12	7°22	27° 1	24°34	26° 8	0°18	n.a.	T 15
F 16	19 17 32	17°57'50	26°24	12° 0	24° 6	17° 5	8°43	22°24	10°13	7°20	27° 3	24°D34	26° 4	0°25	n.a.	F 16
S 17	19 21 29	18°55'30	8♓17	12°15	25°20	17°44	8°40	22°32	10°14	7°19	27° 4	24°34	26° 1	0°32	n.a.	S 17
S 18	19 25 25	19°53'12	20°19	12°24	26°35	18°22	8°37	22°40	10°16	7°17	27° 6	24°36	25°58	0°38	n.a.	S 18
M19	19 29 22	20°50'56	2♈32	12°R28	27°49	19° 1	8°34	22°47	10°17	7°16	27° 7	24°38	25°55	0°45	n.a.	M19
T 20	19 33 18	21°48'42	15° 3	12°27	29° 3	19°39	8°31	22°55	10°18	7°14	27° 9	24°39	25°52	0°52	n.a.	T 20
W21	19 37 15	22°46'29	27°55	12°20	0♌17	20°18	8°28	23° 2	10°20	7°12	27°10	24°R39	25°49	0°58	n.a.	W21
T 22	19 41 12	23°44'19	11♉11	12° 7	1°32	20°56	8°24	23°10	10°21	7°11	27°12	24°38	25°45	1° 5	n.a.	T 22
F 23	19 45 8	24°42'10	24°55	11°49	2°46	21°35	8°21	23°18	10°23	7° 9	27°13	24°35	25°42	1°12	n.a.	F 23
S 24	19 49 5	25°40'04	9♊ 8	11°25	4° 0	22°13	8°17	23°25	10°24	7° 8	27°15	24°32	25°39	1°18	n.a.	S 24
S 25	19 53 1	26°37'59	23°46	10°54	5°15	22°51	8°13	23°33	10°26	7° 6	27°16	24°28	25°36	1°25	n.a.	S 25
M26	19 56 58	27°35'56	8♋44	10°19	6°29	23°29	8° 8	23°41	10°28	7° 4	27°18	24°24	25°33	1°32	n.a.	M26
T 27	20 0 54	28°33'55	23°54	9°38	7°44	24° 8	8° 4	23°48	10°29	7° 3	27°19	24°21	25°29	1°38	n.a.	T 27
W28	20 4 51	29°31'55	9♌ 7	8°52	8°58	24°46	7°59	23°56	10°31	7° 1	27°21	24°19	25°26	1°45	n.a.	W28
T 29	20 8 47	0♌29'57	24°13	8° 3	10°12	25°24	7°54	24° 3	10°33	7° 0	27°22	24°D19	25°23	1°52	n.a.	T 29
F 30	20 12 44	1°28'01	9♍ 3	7°10	11°27	26° 2	7°50	24°11	10°35	6°58	27°23	24°19	25°20	1°58	n.a.	F 30
S 31	20 16 41	2♌26'06	23♍32	6♌14	12♌41	26♊40	7♓44	24♋19	10♎37	6♒56	27♊25	24♌20	25♌17	2♒ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n41	15n33	0s53	20n 5	0s13	24n33	0n56	22n11	0n24	9s42	1s30	22n53	0n45	3s28	0n36	19s14	0s42	25n46	2n 5	13n13	12n42	18s17			n.a.
F 2	23 39	11 59	0n25	19 40	0 24	24 31	0 58	22 18	0 24	9 42	1 31	22 52	0 45	3 28	0 36	19 15	0 42	25 46	2 5	13 13	12 43	18 16			n.a.
S 3	23 37	7 47	1 40	19 14	0 34	24 29	1 0	22 25	0 25	9 42	1 31	22 51	0 45	3 29	0 36	19 15	0 42	25 46	2 5	13 13	12 45	18 16			n.a.
S 4	23 34	3 17	2 48	18 49	0 45	24 25	1 1	22 32	0 26	9 43	1 31	22 50	0 45	3 29	0 36	19 15	0 42	25 47	2 5	13 12	12 46	18 15			n.a.
M 5	23 31	1s15	3 44	18 24	0 56	24 21	1 3	22 39	0 26	9 43	1 32	22 49	0 45	3 29	0 35	19 16	0 42	25 47	2 5	13 12	12 47	18 14			n.a.
T 6	23 28	5 37	4 26	18 0	1 7	24 17	1 5	22 45	0 27	9 43	1 32	22 47	0 45	3 29	0 35	19 16	0 42	25 47	2 6	13 13	12 48	18 14			n.a.
W 7	23 24	9 37	4 54	17 35	1 19	24 11	1 6	22 51	0 28	9 44	1 32	22 46	0 45	3 30	0 35	19 17	0 42	25 47	2 6	13 14	12 49	18 13			n.a.
T 8	23 19	13 7	5 8	17 11	1 30	24 5	1 8	22 57	0 28	9 45	1 33	22 45	0 46	3 30	0 35	19 17	0 42	25 47	2 6	13 15	12 50	18 13			n.a.
F 9	23 15	15 58	5 6	16 47	1 42	23 58	1 9	23 3	0 29	9 45	1 33	22 44	0 46	3 30	0 35	19 17	0 42	25 47	2 6	13 18	12 51	18 12			n.a.
S 10	23 10	18 4	4 50	16 24	1 54	23 50	1 10	23 9	0 29	9 46	1 33	22 43	0 46	3 31	0 35	19 18	0 42	25 47	2 6	13 20	12 52	18 11			n.a.
S 11	23 4	19 20	4 22	16 2	2 6	23 42	1 12	23 14	0 30	9 47	1 34	22 42	0 46	3 31	0 35	19 18	0 42	25 47	2 6	13 23	12 53	18 11			n.a.
M12	22 58	19 43	3 42	15 41	2 17	23 33	1 13	23 19	0 31	9 48	1 34	22 41	0 46	3 32	0 35	19 19	0 42	25 48	2 6	13 25	12 54	18 10			n.a.
T 13	22 52	19 14	2 53	15 21	2 29	23 23	1 14	23 25	0 31	9 49	1 34	22 39	0 46	3 32	0 35	19 19	0 42	25 48	2 6	13 27	12 55	18 9			n.a.
W14	22 45	17 53	1 56	15 1	2 41	23 13	1 15	23 29	0 32	9 50	1 35	22 38	0 46	3 32	0 35	19 19	0 42	25 48	2 6	13 29	12 57	18 9			n.a.
T 15	22 38	15 47	0 54	14 44	2 53	23 1	1 17	23 34	0 33	9 51	1 35	22 37	0 46	3 33	0 35	19 20	0 42	25 48	2 6	13 29	12 58	18 8			n.a.
F 16	22 30	13 1	0s10	14 27	3 4	22 49	1 18	23 39	0 33	9 52	1 35	22 36	0 46	3 33	0 35	19 20	0 42	25 48	2 6	13 30	12 59	18 7			n.a.
S 17	22 22	9 42	1 14	14 12	3 15	22 37	1 19	23 43	0 34	9 53	1 36	22 35	0 46	3 34	0 35	19 21	0 42	25 48	2 6	13 29	13 0	18 7			n.a.
S 18	22 14	5 58	2 16	13 59	3 26	22 24	1 20	23 47	0 34	9 55	1 36	22 34	0 46	3 35	0 35	19 21	0 42	25 48	2 7	13 29	13 1	18 6			n.a.
M19	22 5	1 55	3 13	13 48	3 37	22 10	1 20	23 51	0 35	9 56	1 36	22 32	0 46	3 35	0 35	19 21	0 42	25 48	2 7	13 28	13 2	18 6			n.a.
T 20	21 56	2n17	4 2	13 39	3 47	21 55	1 21	23 55	0 36	9 58	1 36	22 31	0 46	3 36	0 35	19 22	0 42	25 48	2 7	13 28	13 3	18 5			n.a.
W21	21 47	6 30	4 40	13 32	3 56	21 40	1 22	23 58	0 36	9 59	1 37	22 30	0 47	3 36	0 35	19 22	0 42	25 49	2 7	13 28	13 4	18 4			n.a.
T 22	21 37	10 32	5 5	13 28	4 4	21 24	1 23	24 2	0 37	10 1	1 37	22 29	0 47	3 37	0 35	19 23	0 42	25 49	2 7	13 28	13 5	18 4			n.a.
F 23	21 27	14 9	5 14	13 25	4 12	21 8	1 23	24 5	0 38	10 3	1 37	22 27	0 47	3 37	0 35	19 23	0 42	25 49	2 7	13 29	13 6	18 3			n.a.
S 24	21 16	17 5	5 4	13 26	4 18	20 51	1 24	24 8	0 38	10 4	1 38	22 26	0 47	3 38	0 35	19 24	0 42	25 49	2 7	13 30	13 7	18 2			n.a.
S 25	21 5	19 1	4 34	13 29	4 23	20 33	1 24	24 11	0 39	10 6	1 38	22 25	0 47	3 39	0 35	19 24	0 42	25 49	2 7	13 32	13 9	18 1			n.a.
M26	20 54	19 42	3 45	13 35	4 27	20 15	1 25	24 14	0 40	10 8	1 38	22 24	0 47	3 40	0 35	19 24	0 42	25 49	2 7	13 33	13 10	18 1			n.a.
T 27	20 42	18 58	2 40	13 44	4 29	19 56	1 25	24 16	0 40	10 10	1 39	22 22	0 47	3 40	0 35	19 25	0 42	25 49	2 7	13 34	13 11	18 0			n.a.
W28	20 30	16 52	1 23	13 55	4 30	19 36	1 26	24 18	0 41	10 12	1 39	22 21	0 47	3 41	0 35	19 25	0 42	25 49	2 7	13 34	13 12	17 59			n.a.
T 29	20 17	13 36	0 0	14 9	4 29	19 16	1 26	24 20	0 42	10 14	1 39	22 20	0 47	3 42	0 35	19 26	0 42	25 50	2 8	13 35	13 13	17 59			n.a.
F 30	20 4	9 31	1n20	14 25	4 26	18 56	1 26	24 22	0 42	10 16	1 39	22 19	0 47	3 42	0 35	19 26	0 42	25 50	2 8	13 34	13 14	17 58			n.a.
S 31	19n51	4n57	2n34	14n44	4s21	18n35	1n26	24n24	0n43	10s18	1s40	22n17	0n47	3s43	0n35	19s27	0s42	25n50	2n 8	13n34	13n15	17s57			n.a.

Julian Day Number = 1614951.5, Delta T = 03h51m00s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'45, Lahiri = - 7°58'44 Julian Calendar 1 July 292 BCE == Greg. Calendar 27 June 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

AUGUST 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 20 37	3♌24'13	7♎35	5°R18	13♌56	27♊18	7°R39	24♋26	10♎39	6°R55	27♊26	24♌22	25♌14	2♒12	n.a.	S 1
M 2	20 24 34	4°22'21	21°12	4♌20	15°10	27°56	7♓34	24°34	10°41	6♒53	27°28	24°23	25°10	2°18	n.a.	M 2
T 3	20 28 30	5°20'31	4♏25	3°24	16°24	28°34	7°28	24°41	10°43	6°51	27°29	24°R23	25° 7	2°25	n.a.	T 3
W 4	20 32 27	6°18'43	17°16	2°31	17°39	29°11	7°22	24°49	10°45	6°50	27°30	24°23	25° 4	2°32	n.a.	W 4
T 5	20 36 23	7°16'56	29°48	1°40	18°53	29°49	7°16	24°56	10°47	6°48	27°32	24°22	25° 1	2°38	n.a.	T 5
F 6	20 40 20	8°15'11	12♐ 5	0°55	20° 8	0♋27	7°10	25° 4	10°49	6°46	27°33	24°20	24°58	2°45	n.a.	F 6
S 7	20 44 16	9°13'27	24°10	0°15	21°22	1° 5	7° 4	25°11	10°51	6°45	27°34	24°18	24°54	2°52	n.a.	S 7
S 8	20 48 13	10°11'45	6♑ 8	29♋41	22°37	1°42	6°58	25°19	10°53	6°43	27°36	24°15	24°51	2°58	n.a.	S 8
M 9	20 52 10	11°10'05	18° 0	29°16	23°51	2°20	6°51	25°26	10°56	6°41	27°37	24°14	24°48	3° 5	n.a.	M 9
T 10	20 56 6	12° 8'27	29°49	28°58	25° 5	2°57	6°45	25°34	10°58	6°40	27°38	24°12	24°45	3°12	n.a.	T 10
W11	21 0 3	13° 6'51	11♒37	28°D50	26°20	3°35	6°38	25°41	11° 0	6°38	27°39	24°11	24°42	3°18	n.a.	W11
T 12	21 3 59	14° 5'16	23°27	28°50	27°34	4°12	6°31	25°48	11° 3	6°37	27°41	24°D11	24°39	3°25	n.a.	T 12
F 13	21 7 56	15° 3'44	5♓22	29° 0	28°49	4°50	6°24	25°56	11° 5	6°35	27°42	24°11	24°35	3°32	n.a.	F 13
S 14	21 11 52	16° 2'14	17°22	29°19	0♍ 3	5°27	6°17	26° 3	11° 8	6°33	27°43	24°12	24°32	3°38	n.a.	S 14
S 15	21 15 49	17° 0'45	29°31	29°47	1°18	6° 4	6°10	26°11	11°10	6°32	27°44	24°12	24°29	3°45	n.a.	S 15
M16	21 19 45	17°59'19	11♈51	0♌24	2°32	6°42	6° 3	26°18	11°13	6°30	27°45	24°13	24°26	3°51	n.a.	M16
T 17	21 23 42	18°57'56	24°26	1° 9	3°47	7°19	5°56	26°25	11°16	6°28	27°46	24°14	24°23	3°58	n.a.	T 17
W18	21 27 39	19°56'34	7♉19	2° 3	5° 1	7°56	5°48	26°32	11°18	6°27	27°48	24°14	24°20	4° 5	n.a.	W18
T 19	21 31 35	20°55'15	20°32	3° 4	6°16	8°33	5°41	26°39	11°21	6°25	27°49	24°R14	24°16	4°11	n.a.	T 19
F 20	21 35 32	21°53'59	4♊ 8	4°12	7°30	9°10	5°33	26°47	11°24	6°24	27°50	24°14	24°13	4°18	n.a.	F 20
S 21	21 39 28	22°52'45	18° 9	5°26	8°45	9°47	5°26	26°54	11°26	6°22	27°51	24°14	24°10	4°25	n.a.	S 21
S 22	21 43 25	23°51'33	2♋32	6°47	9°59	10°24	5°18	27° 1	11°29	6°21	27°52	24°D14	24° 7	4°31	n.a.	S 22
M23	21 47 21	24°50'23	17°15	8°12	11°14	11° 1	5°10	27° 8	11°32	6°19	27°53	24°14	24° 4	4°38	n.a.	M23
T 24	21 51 18	25°49'16	2♌14	9°42	12°28	11°38	5° 2	27°15	11°35	6°17	27°54	24°14	24° 0	4°45	n.a.	T 24
W25	21 55 14	26°48'12	17°20	11°15	13°43	12°15	4°54	27°22	11°38	6°16	27°55	24°R14	23°57	4°51	n.a.	W25
T 26	21 59 11	27°47'09	2♍24	12°52	14°57	12°52	4°46	27°29	11°41	6°14	27°56	24°14	23°54	4°58	n.a.	T 26
F 27	22 3 7	28°46'08	17°18	14°32	16°12	13°29	4°38	27°36	11°44	6°13	27°57	24°14	23°51	5° 5	n.a.	F 27
S 28	22 7 4	29°45'09	1♎55	16°14	17°26	14° 6	4°30	27°43	11°47	6°11	27°58	24°13	23°48	5°11	n.a.	S 28
S 29	22 11 1	0♍44'13	16° 7	17°58	18°41	14°42	4°22	27°50	11°50	6°10	27°58	24°13	23°45	5°18	n.a.	S 29
M30	22 14 57	1°43'18	29°54	19°43	19°55	15°19	4°14	27°56	11°53	6° 9	27°59	24°12	23°41	5°25	n.a.	M30
T 31	22 18 54	2♍42'25	13♏13	21♌29	21♍10	15♋55	4♓ 6	28♋ 3	11♎56	6♒ 7	28♊ 0	24♌11	23♌38	5♒31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	19n38	0n16	3n37	15n 4	4s14	18n13	1n26	24n25	0n43	10s21	1s40	22n16	0n47	3s44	0n34	19s27	0s42	25n50	2n 8	13n34	13n16	17s57			n.a.
M 2	19 24	4s17	4 25	15 27	4 5	17 51	1 26	24 27	0 44	10 23	1 40	22 15	0 48	3 45	0 34	19 27	0 42	25 50	2 8	13 33	13 17	17 56			n.a.
T 3	19 10	8 29	4 57	15 50	3 54	17 29	1 26	24 28	0 45	10 25	1 40	22 14	0 48	3 46	0 34	19 28	0 42	25 50	2 8	13 33	13 18	17 55			n.a.
W 4	18 55	12 10	5 14	16 14	3 42	17 5	1 26	24 29	0 45	10 28	1 41	22 12	0 48	3 47	0 34	19 28	0 42	25 50	2 8	13 33	13 19	17 55			n.a.
T 5	18 40	15 14	5 15	16 39	3 27	16 42	1 26	24 30	0 46	10 30	1 41	22 11	0 48	3 47	0 34	19 29	0 42	25 50	2 8	13 34	13 20	17 54			n.a.
F 6	18 25	17 32	5 1	17 5	3 12	16 18	1 25	24 30	0 47	10 32	1 41	22 10	0 48	3 48	0 34	19 29	0 42	25 51	2 8	13 34	13 21	17 53			n.a.
S 7	18 10	19 2	4 34	17 29	2 55	15 53	1 25	24 31	0 47	10 35	1 41	22 9	0 48	3 49	0 34	19 30	0 42	25 51	2 8	13 35	13 23	17 52			n.a.
S 8	17 54	19 39	3 56	17 54	2 38	15 29	1 25	24 31	0 48	10 38	1 41	22 7	0 48	3 50	0 34	19 30	0 42	25 51	2 9	13 36	13 24	17 52			n.a.
M 9	17 38	19 24	3 7	18 17	2 19	15 3	1 24	24 31	0 49	10 40	1 42	22 6	0 48	3 51	0 34	19 30	0 42	25 51	2 9	13 36	13 25	17 51			n.a.
T 10	17 22	18 18	2 11	18 39	2 1	14 38	1 24	24 31	0 49	10 43	1 42	22 5	0 48	3 52	0 34	19 31	0 42	25 51	2 9	13 37	13 26	17 50			n.a.
W11	17 5	16 24	1 9	18 59	1 42	14 11	1 23	24 31	0 50	10 46	1 42	22 3	0 48	3 53	0 34	19 31	0 42	25 51	2 9	13 37	13 27	17 49			n.a.
T 12	16 48	13 48	0 4	19 17	1 23	13 45	1 22	24 30	0 51	10 48	1 42	22 2	0 49	3 54	0 34	19 32	0 42	25 51	2 9	13 37	13 28	17 49			n.a.
F 13	16 31	10 37	1s 2	19 33	1 5	13 18	1 22	24 29	0 51	10 51	1 42	22 1	0 49	3 55	0 34	19 32	0 42	25 52	2 9	13 37	13 29	17 48			n.a.
S 14	16 13	6 58	2 5	19 47	0 47	12 51	1 21	24 29	0 52	10 54	1 43	22 0	0 49	3 56	0 34	19 33	0 42	25 52	2 9	13 37	13 30	17 47			n.a.
S 15	15 55	3 0	3 4	19 58	0 29	12 23	1 20	24 28	0 52	10 57	1 43	21 58	0 49	3 57	0 34	19 33	0 42	25 52	2 9	13 37	13 31	17 46			n.a.
M16	15 37	1n 8	3 55	20 6	0 13	11 55	1 19	24 26	0 53	11 0	1 43	21 57	0 49	3 58	0 34	19 33	0 42	25 52	2 9	13 37	13 32	17 46			n.a.
T 17	15 19	5 18	4 36	20 12	0n 3	11 27	1 18	24 25	0 54	11 2	1 43	21 56	0 49	3 59	0 34	19 34	0 42	25 52	2 9	13 36	13 33	17 45			n.a.
W18	15 1	9 20	5 4	20 14	0 18	10 59	1 17	24 24	0 54	11 5	1 43	21 54	0 49	4 0	0 34	19 34	0 42	25 52	2 10	13 36	13 34	17 44			n.a.
T 19	14 42	13 0	5 17	20 13	0 32	10 30	1 16	24 22	0 55	11 8	1 43	21 53	0 49	4 1	0 34	19 35	0 42	25 52	2 10	13 36	13 35	17 43			n.a.
F 20	14 23	16 6	5 13	20 10	0 44	10 1	1 15	24 20	0 56	11 11	1 44	21 52	0 49	4 2	0 34	19 35	0 42	25 52	2 10	13 36	13 36	17 43			n.a.
S 21	14 3	18 22	4 51	20 3	0 56	9 31	1 13	24 18	0 56	11 14	1 44	21 51	0 50	4 4	0 34	19 35	0 42	25 53	2 10	13 36	13 38	17 42			n.a.
S 22	13 44	19 32	4 10	19 52	1 6	9 2	1 12	24 16	0 57	11 17	1 44	21 49	0 50	4 5	0 34	19 36	0 42	25 53	2 10	13 36	13 39	17 41			n.a.
M23	13 24	19 26	3 12	19 39	1 16	8 32	1 11	24 13	0 58	11 20	1 44	21 48	0 50	4 6	0 34	19 36	0 42	25 53	2 10	13 36	13 40	17 40			n.a.
T 24	13 4	17 58	1 59	19 23	1 24	8 2	1 9	24 11	0 58	11 23	1 44	21 47	0 50	4 7	0 34	19 37	0 42	25 53	2 10	13 36	13 41	17 39			n.a.
W25	12 44	15 13	0 38	19 4	1 31	7 31	1 8	24 8	0 59	11 26	1 44	21 45	0 50	4 8	0 34	19 37	0 42	25 53	2 10	13 36	13 42	17 39			n.a.
T 26	12 23	11 27	0n45	18 42	1 37	7 1	1 6	24 5	1 0	11 29	1 44	21 44	0 50	4 9	0 34	19 37	0 42	25 53	2 10	13 36	13 43	17 38			n.a.
F 27	12 3	6 59	2 5	18 17	1 42	6 30	1 5	24 2	1 0	11 32	1 44	21 43	0 50	4 11	0 34	19 38	0 42	25 53	2 11	13 36	13 44	17 37			n.a.
S 28	11 42	2 12	3 15	17 50	1 46	5 59	1 3	23 59	1 1	11 35	1 44	21 42	0 50	4 12	0 34	19 38	0 42	25 53	2 11	13 36	13 45	17 36			n.a.
S 29	11 21	2s34	4 10	17 21	1 49	5 28	1 1	23 56	1 2	11 38	1 44	21 40	0 51	4 13	0 34	19 39	0 43	25 54	2 11	13 37	13 46	17 35			n.a.
M30	10 59	7 3	4 50	16 50	1 51	4 57	1 0	23 52	1 2	11 41	1 44	21 39	0 51	4 14	0 34	19 39	0 43	25 54	2 11	13 37	13 47	17 35			n.a.
T 31	10n38	11s 2	5n12	16n17	1n52	4n26	0n58	23n49	1n 3	11s44	1s45	21n38	0n51	4s15	0n34	19s39	0s43	25n54	2n11	13n37	13n48	17s34			n.a.

Julian Day Number = 1614982.5, Delta T = 03h50m59s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'40, Lahiri = - 7°58'40 Julian Calendar 1 Aug. 292 BCE == Greg. Calendar 28 July 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

SEPTEMBER 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 22 50	3♍41'34	26♏ 8	23♌16	22♍24	16♋32	3°R58	28♋10	11♎59	6°R 6	28♊ 1	24°R11	23♌35	5♒38	n.a.	W 1
T 2	22 26 47	4°40'45	8♐41	25° 3	23°39	17° 8	3♓50	28°17	12° 2	6♒ 4	28° 2	24°D10	23°32	5°45	n.a.	T 2
F 3	22 30 43	5°39'58	20°56	26°51	24°53	17°45	3°42	28°23	12° 5	6° 3	28° 3	24♌11	23°29	5°51	n.a.	F 3
S 4	22 34 40	6°39'13	2♑58	28°39	26° 7	18°21	3°34	28°30	12° 9	6° 2	28° 3	24°12	23°26	5°58	n.a.	S 4
S 5	22 38 36	7°38'29	14°51	0♍26	27°22	18°57	3°26	28°36	12°12	6° 0	28° 4	24°13	23°22	6° 5	n.a.	S 5
M 6	22 42 33	8°37'48	26°40	2°13	28°36	19°34	3°18	28°43	12°15	5°59	28° 5	24°14	23°19	6°11	n.a.	M 6
T 7	22 46 30	9°37'08	8♒28	4° 0	29°51	20°10	3°10	28°49	12°18	5°58	28° 5	24°15	23°16	6°18	n.a.	T 7
W 8	22 50 26	10°36'31	20°19	5°47	1♎ 5	20°46	3° 2	28°55	12°22	5°56	28° 6	24°R16	23°13	6°25	n.a.	W 8
T 9	22 54 23	11°35'55	2♓15	7°33	2°20	21°22	2°54	29° 2	12°25	5°55	28° 7	24°16	23°10	6°31	n.a.	T 9
F 10	22 58 19	12°35'22	14°18	9°18	3°34	21°58	2°46	29° 8	12°28	5°54	28° 7	24°15	23° 6	6°38	n.a.	F 10
S 11	23 2 16	13°34'51	26°31	11° 3	4°49	22°34	2°39	29°14	12°32	5°52	28° 8	24°13	23° 3	6°44	n.a.	S 11
S 12	23 6 12	14°34'22	8♈55	12°47	6° 3	23°10	2°31	29°20	12°35	5°51	28° 9	24°10	23° 0	6°51	n.a.	S 12
M13	23 10 9	15°33'55	21°30	14°31	7°17	23°46	2°23	29°26	12°39	5°50	28° 9	24° 7	22°57	6°58	n.a.	M13
T 14	23 14 5	16°33'30	4♉19	16°14	8°32	24°22	2°16	29°32	12°42	5°49	28°10	24° 3	22°54	7° 4	n.a.	T 14
W15	23 18 2	17°33'08	17°21	17°56	9°46	24°57	2° 8	29°38	12°46	5°48	28°10	24° 0	22°51	7°11	n.a.	W15
T 16	23 21 58	18°32'49	0♊39	19°38	11° 0	25°33	2° 1	29°44	12°49	5°47	28°11	23°58	22°47	7°18	n.a.	T 16
F 17	23 25 55	19°32'31	14°13	21°18	12°15	26° 9	1°53	29°50	12°53	5°46	28°11	23°D57	22°44	7°24	n.a.	F 17
S 18	23 29 52	20°32'17	28° 3	22°59	13°29	26°44	1°46	29°56	12°56	5°45	28°11	23°57	22°41	7°31	n.a.	S 18
S 19	23 33 48	21°32'04	12♋11	24°38	14°44	27°20	1°39	0♌ 2	13° 0	5°43	28°12	23°58	22°38	7°38	n.a.	S 19
M20	23 37 45	22°31'54	26°34	26°17	15°58	27°55	1°32	0° 7	13° 3	5°42	28°12	23°59	22°35	7°44	n.a.	M20
T 21	23 41 41	23°31'46	11♌10	27°56	17°12	28°31	1°25	0°13	13° 7	5°41	28°12	24° 1	22°31	7°51	n.a.	T 21
W22	23 45 38	24°31'41	25°54	29°33	18°27	29° 6	1°18	0°18	13°10	5°41	28°13	24°R 1	22°28	7°58	n.a.	W22
T 23	23 49 34	25°31'37	10♍42	1♎11	19°41	29°41	1°11	0°24	13°14	5°40	28°13	24° 0	22°25	8° 4	n.a.	T 23
F 24	23 53 31	26°31'36	25°24	2°47	20°55	0♌17	1° 5	0°29	13°18	5°39	28°13	23°58	22°22	8°11	n.a.	F 24
S 25	23 57 27	27°31'37	9♎55	4°23	22°10	0°52	0°58	0°34	13°21	5°38	28°14	23°53	22°19	8°18	n.a.	S 25
S 26	0 1 24	28°31'40	24° 7	5°59	23°24	1°27	0°52	0°40	13°25	5°37	28°14	23°48	22°16	8°24	n.a.	S 26
M27	0 5 21	29°31'44	7♏56	7°34	24°38	2° 2	0°46	0°45	13°29	5°36	28°14	23°42	22°12	8°31	n.a.	M27
T 28	0 9 17	0♎31'51	21°21	9° 8	25°53	2°37	0°40	0°50	13°32	5°35	28°14	23°37	22° 9	8°38	n.a.	T 28
W29	0 13 14	1°31'59	4♐20	10°42	27° 7	3°12	0°34	0°55	13°36	5°35	28°14	23°32	22° 6	8°44	n.a.	W29
T 30	0 17 10	2♎32'09	16♐56	12♎16	28♎21	3♌46	0♓28	1♌ 0	13♎40	5♒34	28♊14	23♌29	22♌ 3	8♒51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n16	14s23	5n17	15n42	1n53	3n54	0n56	23n45	1n 4	11s47	1s45	21n37	0n51	4s17	0n34	19s40	0s43	25n54	2n11	13n37	13n49	17s33		n.a.
T 2	9 55	16 57	5 8	15 6	1 53	3 23	0 54	23 41	1 4	11 50	1 45	21 35	0 51	4 18	0 34	19 40	0 43	25 54	2 11	13 37	13 50	17 32		n.a.
F 3	9 33	18 42	4 44	14 28	1 52	2 51	0 52	23 37	1 5	11 53	1 45	21 34	0 51	4 19	0 34	19 40	0 43	25 54	2 11	13 37	13 51	17 31		n.a.
S 4	9 11	19 34	4 8	13 49	1 51	2 19	0 50	23 32	1 6	11 56	1 45	21 33	0 51	4 21	0 33	19 41	0 43	25 54	2 12	13 37	13 52	17 31		n.a.
S 5	8 48	19 33	3 22	13 9	1 49	1 48	0 48	23 28	1 6	11 59	1 45	21 32	0 52	4 22	0 33	19 41	0 43	25 55	2 12	13 37	13 53	17 30		n.a.
M 6	8 26	18 40	2 27	12 27	1 46	1 16	0 46	23 23	1 7	12 2	1 45	21 31	0 52	4 23	0 33	19 41	0 42	25 55	2 12	13 36	13 55	17 29		n.a.
T 7	8 3	16 58	1 26	11 45	1 43	0 44	0 44	23 19	1 8	12 5	1 45	21 29	0 52	4 25	0 33	19 42	0 42	25 55	2 12	13 36	13 56	17 28		n.a.
W 8	7 41	14 33	0 22	11 3	1 40	0 12	0 42	23 14	1 8	12 8	1 45	21 28	0 52	4 26	0 33	19 42	0 42	25 55	2 12	13 36	13 57	17 27		n.a.
T 9	7 18	11 29	0s44	10 19	1 36	0s20	0 39	23 9	1 9	12 11	1 45	21 27	0 52	4 27	0 33	19 42	0 42	25 55	2 12	13 36	13 58	17 26		n.a.
F 10	6 55	7 55	1 49	9 36	1 32	0 52	0 37	23 4	1 10	12 14	1 45	21 26	0 52	4 29	0 33	19 43	0 42	25 55	2 12	13 36	13 59	17 25		n.a.
S 11	6 32	3 59	2 49	8 51	1 27	1 24	0 35	22 58	1 10	12 17	1 44	21 25	0 52	4 30	0 33	19 43	0 42	25 55	2 12	13 37	14 0	17 25		n.a.
S 12	6 9	0n11	3 42	8 7	1 23	1 56	0 32	22 53	1 11	12 19	1 44	21 23	0 53	4 31	0 33	19 43	0 42	25 55	2 13	13 38	14 1	17 24		n.a.
M13	5 45	4 23	4 25	7 22	1 18	2 28	0 30	22 47	1 12	12 22	1 44	21 22	0 53	4 33	0 33	19 44	0 42	25 56	2 13	13 39	14 2	17 23		n.a.
T 14	5 22	8 28	4 56	6 36	1 12	3 0	0 28	22 42	1 13	12 25	1 44	21 21	0 53	4 34	0 33	19 44	0 42	25 56	2 13	13 40	14 3	17 22		n.a.
W15	4 59	12 13	5 13	5 51	1 7	3 32	0 25	22 36	1 13	12 28	1 44	21 20	0 53	4 35	0 33	19 44	0 42	25 56	2 13	13 41	14 4	17 21		n.a.
T 16	4 35	15 26	5 13	5 5	1 1	4 4	0 23	22 30	1 14	12 30	1 44	21 19	0 53	4 37	0 33	19 44	0 42	25 56	2 13	13 42	14 5	17 20		n.a.
F 17	4 11	17 54	4 55	4 20	0 55	4 35	0 20	22 24	1 15	12 33	1 44	21 18	0 53	4 38	0 33	19 45	0 42	25 56	2 13	13 42	14 6	17 19		n.a.
S 18	3 48	19 22	4 21	3 34	0 49	5 7	0 18	22 18	1 15	12 35	1 44	21 17	0 53	4 40	0 33	19 45	0 42	25 56	2 13	13 42	14 7	17 19		n.a.
S 19	3 24	19 41	3 30	2 49	0 43	5 39	0 15	22 11	1 16	12 38	1 44	21 16	0 54	4 41	0 33	19 45	0 42	25 56	2 13	13 42	14 8	17 18		n.a.
M20	3 0	18 43	2 25	2 3	0 37	6 10	0 12	22 5	1 17	12 40	1 44	21 15	0 54	4 42	0 33	19 45	0 42	25 56	2 14	13 41	14 9	17 17		n.a.
T 21	2 36	16 31	1 10	1 18	0 31	6 41	0 10	21 58	1 17	12 43	1 44	21 14	0 54	4 44	0 33	19 46	0 42	25 57	2 14	13 41	14 10	17 16		n.a.
W22	2 12	13 12	0n10	0 33	0 24	7 12	0 7	21 52	1 18	12 45	1 43	21 13	0 54	4 45	0 33	19 46	0 42	25 57	2 14	13 40	14 11	17 15		n.a.
T 23	1 48	9 2	1 30	0s12	0 18	7 43	0 4	21 45	1 19	12 47	1 43	21 12	0 54	4 47	0 33	19 46	0 42	25 57	2 14	13 41	14 12	17 14		n.a.
F 24	1 24	4 21	2 43	0 57	0 11	8 14	0 2	21 38	1 20	12 50	1 43	21 10	0 54	4 48	0 33	19 46	0 42	25 57	2 14	13 42	14 13	17 13		n.a.
S 25	1 0	0s32	3 45	1 42	0 4	8 45	0s 1	21 31	1 20	12 52	1 43	21 10	0 55	4 50	0 33	19 47	0 42	25 57	2 14	13 43	14 14	17 12		n.a.
S 26	0 36	5 16	4 31	2 26	0s 2	9 15	0 4	21 24	1 21	12 54	1 43	21 9	0 55	4 51	0 33	19 47	0 42	25 57	2 14	13 45	14 16	17 11		n.a.
M27	0 11	9 36	5 0	3 10	0 9	9 45	0 6	21 16	1 22	12 56	1 43	21 8	0 55	4 52	0 33	19 47	0 42	25 57	2 14	13 47	14 17	17 10		n.a.
T 28	0s13	13 19	5 11	3 54	0 16	10 15	0 9	21 9	1 22	12 58	1 43	21 7	0 55	4 54	0 33	19 47	0 42	25 58	2 15	13 49	14 18	17 10		n.a.
W29	0 37	16 15	5 6	4 38	0 22	10 45	0 12	21 2	1 23	13 0	1 42	21 6	0 55	4 55	0 33	19 47	0 42	25 58	2 15	13 50	14 19	17 9		n.a.
T 30	1s 1	18s20	4n46	5s21	0s29	11s15	0s15	20n54	1n24	13s 2	1s42	21n 5	0n55	4s57	0n33	19s47	0s42	25n58	2n15	13n51	14n20	17s 8		n.a.

Julian Day Number = 1615013.5, Delta T = 03h50m58s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'36, Lahiri = - 7°58'36 Julian Calendar 1 Sept. 292 BCE == Greg. Calendar 28 Aug. 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

OCTOBER 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 21 7	3♎32'20	29♐13	13♎49	29♎35	4♌21	0°R23	1♌ 4	13♎43	5°R33	28♊14	23°D28	22♌ 0	8♒57	n.a.	F 1
S 2	0 25 3	4°32'34	11♑15	15°22	0♏50	4°56	0♓17	1° 9	13°47	5♒33	28°15	23♌28	21°57	9° 4	n.a.	S 2
S 3	0 29 0	5°32'48	23° 7	16°54	2° 4	5°30	0°12	1°14	13°51	5°32	28°15	23°29	21°53	9°11	n.a.	S 3
M 4	0 32 56	6°33'05	4♒55	18°25	3°18	6° 5	0° 7	1°18	13°55	5°31	28°R15	23°31	21°50	9°17	n.a.	M 4
T 5	0 36 53	7°33'23	16°44	19°57	4°32	6°39	0° 2	1°23	13°58	5°31	28°15	23°32	21°47	9°24	n.a.	T 5
W 6	0 40 49	8°33'43	28°37	21°28	5°46	7°14	29♒58	1°27	14° 2	5°30	28°14	23°R32	21°44	9°31	n.a.	W 6
T 7	0 44 46	9°34'04	10♓40	22°58	7° 1	7°48	29°53	1°32	14° 6	5°30	28°14	23°30	21°41	9°37	n.a.	T 7
F 8	0 48 43	10°34'27	22°54	24°28	8°15	8°22	29°49	1°36	14°10	5°29	28°14	23°27	21°37	9°44	n.a.	F 8
S 9	0 52 39	11°34'51	5♈22	25°58	9°29	8°56	29°44	1°40	14°13	5°29	28°14	23°20	21°34	9°51	n.a.	S 9
S 10	0 56 36	12°35'18	18° 4	27°27	10°43	9°30	29°41	1°44	14°17	5°28	28°14	23°13	21°31	9°57	n.a.	S 10
M11	1 0 32	13°35'46	1♉ 1	28°56	11°57	10° 4	29°37	1°48	14°21	5°28	28°14	23° 3	21°28	10° 4	n.a.	M11
T 12	1 4 29	14°36'16	14°12	0♏24	13°11	10°38	29°33	1°52	14°25	5°28	28°14	22°54	21°25	10°11	n.a.	T 12
W13	1 8 25	15°36'48	27°35	1°52	14°25	11°12	29°30	1°56	14°28	5°27	28°13	22°45	21°22	10°17	n.a.	W13
T 14	1 12 22	16°37'21	11♊ 9	3°19	15°39	11°46	29°26	1°59	14°32	5°27	28°13	22°38	21°18	10°24	n.a.	T 14
F 15	1 16 18	17°37'57	24°52	4°46	16°53	12°19	29°23	2° 3	14°36	5°27	28°13	22°34	21°15	10°31	n.a.	F 15
S 16	1 20 15	18°38'35	8♋44	6°12	18° 7	12°53	29°21	2° 7	14°40	5°26	28°13	22°31	21°12	10°37	n.a.	S 16
S 17	1 24 12	19°39'14	22°44	7°37	19°21	13°26	29°18	2°10	14°43	5°26	28°12	22°D31	21° 9	10°44	n.a.	S 17
M18	1 28 8	20°39'55	6♌52	9° 2	20°35	14° 0	29°15	2°13	14°47	5°26	28°12	22°32	21° 6	10°50	n.a.	M18
T 19	1 32 5	21°40'38	21° 6	10°26	21°49	14°33	29°13	2°17	14°51	5°26	28°11	22°R32	21° 2	10°57	n.a.	T 19
W20	1 36 1	22°41'23	5♍25	11°49	23° 3	15° 6	29°11	2°20	14°55	5°26	28°11	22°31	20°59	11° 4	n.a.	W20
T 21	1 39 58	23°42'10	19°45	13°11	24°17	15°39	29° 9	2°23	14°58	5°26	28°11	22°29	20°56	11°10	n.a.	T 21
F 22	1 43 54	24°42'58	4♎ 3	14°32	25°31	16°12	29° 8	2°26	15° 2	5°D26	28°10	22°23	20°53	11°17	n.a.	F 22
S 23	1 47 51	25°43'47	18°13	15°51	26°45	16°45	29° 6	2°28	15° 6	5°26	28°10	22°15	20°50	11°24	n.a.	S 23
S 24	1 51 47	26°44'38	2♏11	17°10	27°59	17°18	29° 5	2°31	15°10	5°26	28° 9	22° 4	20°47	11°30	n.a.	S 24
M25	1 55 44	27°45'31	15°52	18°26	29°13	17°50	29° 4	2°34	15°13	5°26	28° 9	21°52	20°43	11°37	n.a.	M25
T 26	1 59 41	28°46'24	29°12	19°41	0♐27	18°23	29° 3	2°36	15°17	5°26	28° 8	21°41	20°40	11°44	n.a.	T 26
W27	2 3 37	29°47'19	12♐10	20°53	1°41	18°55	29° 3	2°39	15°21	5°26	28° 7	21°31	20°37	11°50	n.a.	W27
T 28	2 7 34	0♏48'15	24°46	22° 3	2°54	19°28	29° 2	2°41	15°24	5°27	28° 7	21°23	20°34	11°57	n.a.	T 28
F 29	2 11 30	1°49'12	7♑ 4	23°10	4° 8	20° 0	29°D 2	2°43	15°28	5°27	28° 6	21°17	20°31	12° 4	n.a.	F 29
S 30	2 15 27	2°50'10	19° 7	24°14	5°22	20°32	29° 2	2°45	15°32	5°27	28° 6	21°14	20°28	12°10	n.a.	S 30
S 31	2 19 23	3♏51'09	0♒59	25♏14	6♐36	21♌ 4	29♒ 3	2♌47	15♎35	5♒27	28♊ 5	21°D13	20♌24	12♒17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s25	19s30	4n13	6s 4	0s36	11s44	0s17	20n46	1n25	13s 4	1s42	21n 4	0n56	4s58	0n33	19s48	0s42	25n58	2n15	13n52	14n21	17s 7		n.a.
S 2	1 50	19 46	3 30	6 46	0 42	12 13	0 20	20 39	1 25	13 5	1 42	21 3	0 56	5 0	0 33	19 48	0 42	25 58	2 15	13 52	14 22	17 6		n.a.
S 3	2 14	19 8	2 38	7 28	0 49	12 42	0 23	20 31	1 26	13 7	1 42	21 2	0 56	5 1	0 33	19 48	0 42	25 58	2 15	13 51	14 23	17 5		n.a.
M 4	2 38	17 40	1 39	8 9	0 55	13 10	0 26	20 23	1 27	13 9	1 41	21 1	0 56	5 3	0 33	19 48	0 42	25 58	2 15	13 51	14 24	17 4		n.a.
T 5	3 2	15 26	0 37	8 50	1 2	13 38	0 29	20 15	1 28	13 10	1 41	21 0	0 56	5 4	0 33	19 48	0 42	25 58	2 15	13 50	14 25	17 3		n.a.
W 6	3 26	12 32	0s28	9 31	1 8	14 6	0 31	20 7	1 28	13 12	1 41	21 0	0 56	5 6	0 33	19 48	0 42	25 59	2 16	13 50	14 26	17 2		n.a.
T 7	3 50	9 4	1 31	10 11	1 14	14 33	0 34	19 58	1 29	13 13	1 41	20 59	0 57	5 7	0 33	19 48	0 42	25 59	2 16	13 51	14 27	17 1		n.a.
F 8	4 14	5 10	2 32	10 50	1 20	15 0	0 37	19 50	1 30	13 14	1 41	20 58	0 57	5 9	0 33	19 49	0 42	25 59	2 16	13 52	14 28	17 0		n.a.
S 9	4 38	1 0	3 26	11 29	1 26	15 27	0 40	19 42	1 31	13 16	1 40	20 57	0 57	5 10	0 33	19 49	0 42	25 59	2 16	13 54	14 29	16 59		n.a.
S 10	5 2	3n18	4 11	12 7	1 32	15 53	0 42	19 33	1 31	13 17	1 40	20 56	0 57	5 12	0 33	19 49	0 42	25 59	2 16	13 57	14 30	16 58		n.a.
M11	5 26	7 32	4 44	12 45	1 38	16 19	0 45	19 25	1 32	13 18	1 40	20 56	0 57	5 13	0 33	19 49	0 42	25 59	2 16	14 0	14 31	16 57		n.a.
T 12	5 49	11 28	5 3	13 21	1 43	16 45	0 48	19 16	1 33	13 19	1 40	20 55	0 57	5 15	0 33	19 49	0 42	25 59	2 16	14 3	14 32	16 56		n.a.
W13	6 13	14 54	5 5	13 57	1 48	17 10	0 50	19 7	1 34	13 20	1 39	20 54	0 58	5 16	0 33	19 49	0 42	25 59	2 16	14 6	14 33	16 55		n.a.
T 14	6 37	17 35	4 51	14 33	1 53	17 34	0 53	18 59	1 34	13 21	1 39	20 54	0 58	5 18	0 33	19 49	0 42	26 0	2 17	14 8	14 34	16 54		n.a.
F 15	7 0	19 19	4 19	15 7	1 58	17 58	0 56	18 50	1 35	13 22	1 39	20 53	0 58	5 19	0 33	19 49	0 42	26 0	2 17	14 10	14 35	16 53		n.a.
S 16	7 23	19 54	3 33	15 41	2 3	18 22	0 58	18 41	1 36	13 23	1 39	20 52	0 58	5 20	0 33	19 49	0 42	26 0	2 17	14 10	14 36	16 52		n.a.
S 17	7 47	19 17	2 33	16 13	2 7	18 45	1 1	18 32	1 37	13 23	1 38	20 52	0 58	5 22	0 33	19 49	0 42	26 0	2 17	14 10	14 37	16 51		n.a.
M18	8 10	17 27	1 23	16 45	2 11	19 8	1 4	18 23	1 38	13 24	1 38	20 51	0 59	5 23	0 33	19 49	0 42	26 0	2 17	14 10	14 38	16 50		n.a.
T 19	8 33	14 31	0 8	17 16	2 15	19 30	1 6	18 14	1 38	13 25	1 38	20 51	0 59	5 25	0 33	19 49	0 42	26 0	2 17	14 10	14 39	16 49		n.a.
W20	8 56	10 42	1n 8	17 45	2 19	19 52	1 9	18 5	1 39	13 25	1 38	20 50	0 59	5 26	0 33	19 49	0 42	26 0	2 17	14 10	14 40	16 48		n.a.
T 21	9 19	6 15	2 20	18 14	2 22	20 13	1 11	17 56	1 40	13 25	1 37	20 50	0 59	5 28	0 33	19 49	0 42	26 0	2 17	14 11	14 41	16 47		n.a.
F 22	9 41	1 28	3 23	18 41	2 24	20 34	1 14	17 46	1 41	13 26	1 37	20 49	0 59	5 29	0 33	19 49	0 42	26 0	2 18	14 13	14 42	16 46		n.a.
S 23	10 4	3s21	4 12	19 7	2 27	20 54	1 16	17 37	1 42	13 26	1 37	20 49	1 0	5 31	0 33	19 49	0 42	26 1	2 18	14 16	14 43	16 45		n.a.
S 24	10 26	7 55	4 45	19 32	2 28	21 13	1 18	17 28	1 42	13 26	1 37	20 48	1 0	5 32	0 33	19 49	0 42	26 1	2 18	14 19	14 44	16 44		n.a.
M25	10 48	11 59	5 1	19 55	2 30	21 32	1 21	17 18	1 43	13 26	1 36	20 48	1 0	5 34	0 33	19 49	0 42	26 1	2 18	14 23	14 46	16 43		n.a.
T 26	11 10	15 20	5 0	20 16	2 30	21 50	1 23	17 9	1 44	13 26	1 36	20 47	1 0	5 35	0 33	19 49	0 42	26 1	2 18	14 27	14 47	16 42		n.a.
W27	11 32	17 50	4 44	20 36	2 30	22 8	1 25	16 59	1 45	13 26	1 36	20 47	1 0	5 36	0 33	19 49	0 42	26 1	2 18	14 30	14 48	16 41		n.a.
T 28	11 54	19 24	4 14	20 55	2 30	22 25	1 27	16 50	1 46	13 26	1 35	20 47	1 1	5 38	0 33	19 49	0 42	26 1	2 18	14 33	14 49	16 40		n.a.
F 29	12 15	20 0	3 32	21 11	2 29	22 42	1 30	16 40	1 47	13 26	1 35	20 46	1 1	5 39	0 33	19 49	0 42	26 1	2 18	14 35	14 50	16 39		n.a.
S 30	12 36	19 40	2 42	21 25	2 27	22 57	1 32	16 31	1 47	13 26	1 35	20 46	1 1	5 41	0 33	19 49	0 42	26 1	2 19	14 35	14 51	16 38		n.a.
S 31	12s57	18s28	1n46	21s37	2s24	23s13	1s34	16n21	1n48	13s25	1s35	20n46	1n 1	5s42	0n33	19s49	0s42	26n 1	2n19	14n36	14n52	16s37		n.a.

Julian Day Number = 1615043.5, Delta T = 03h50m57s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'32, Lahiri = - 7°58'32 Julian Calendar 1 Oct. 292 BCE == Greg. Calendar 27 Sept. 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

NOVEMBER 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 23 20	4♏52'08	12♒47	26♏10	7♐49	21♌36	29♒ 3	2♌49	15♎39	5♒28	28°R 4	21♌14	20♌21	12♒24	n.a.	M 1
T 2	2 27 16	5°53'08	24°36	27° 1	9° 3	22° 8	29° 4	2°51	15°42	5°28	28♊ 4	21°R14	20°18	12°30	n.a.	T 2
W 3	2 31 13	6°54'10	6♓31	27°46	10°17	22°39	29° 5	2°53	15°46	5°28	28° 3	21°13	20°15	12°37	n.a.	W 3
T 4	2 35 10	7°55'11	18°37	28°25	11°30	23°11	29° 6	2°54	15°50	5°29	28° 2	21°10	20°12	12°43	n.a.	T 4
F 5	2 39 6	8°56'14	0♈59	28°57	12°44	23°42	29° 7	2°56	15°53	5°29	28° 1	21° 4	20° 8	12°50	n.a.	F 5
S 6	2 43 3	9°57'17	13°39	29°21	13°58	24°14	29° 8	2°57	15°57	5°30	28° 0	20°55	20° 5	12°57	n.a.	S 6
S 7	2 46 59	10°58'22	26°38	29°37	15°11	24°45	29°10	2°58	16° 0	5°30	28° 0	20°44	20° 2	13° 3	n.a.	S 7
M 8	2 50 56	11°59'27	9♉57	29°R43	16°24	25°16	29°12	2°59	16° 4	5°31	27°59	20°31	19°59	13°10	n.a.	M 8
T 9	2 54 52	13° 0'33	23°33	29°38	17°38	25°47	29°14	3° 0	16° 7	5°32	27°58	20°18	19°56	13°17	n.a.	T 9
W10	2 58 49	14° 1'39	7♊23	29°23	18°51	26°17	29°16	3° 1	16°11	5°32	27°57	20° 6	19°53	13°23	n.a.	W10
T 11	3 2 45	15° 2'47	21°22	28°56	20° 5	26°48	29°19	3° 2	16°14	5°33	27°56	19°56	19°49	13°30	n.a.	T 11
F 12	3 6 42	16° 3'56	5♋28	28°17	21°18	27°18	29°22	3° 3	16°17	5°34	27°55	19°48	19°46	13°37	n.a.	F 12
S 13	3 10 39	17° 5'05	19°35	27°28	22°31	27°49	29°25	3° 3	16°21	5°34	27°54	19°44	19°43	13°43	n.a.	S 13
S 14	3 14 35	18° 6'16	3♌43	26°28	23°45	28°19	29°28	3° 4	16°24	5°35	27°53	19°42	19°40	13°50	n.a.	S 14
M15	3 18 32	19° 7'27	17°48	25°19	24°58	28°49	29°31	3° 4	16°27	5°36	27°52	19°41	19°37	13°57	n.a.	M15
T 16	3 22 28	20° 8'40	1♍51	24° 3	26°11	29°19	29°35	3° 4	16°31	5°37	27°51	19°41	19°34	14° 3	n.a.	T 16
W17	3 26 25	21° 9'53	15°51	22°42	27°24	29°49	29°38	3° 4	16°34	5°38	27°50	19°40	19°30	14°10	n.a.	W17
T 18	3 30 21	22°11'06	29°47	21°19	28°37	0♍18	29°42	3°R 4	16°37	5°39	27°49	19°36	19°27	14°17	n.a.	T 18
F 19	3 34 18	23°12'21	13♎38	19°57	29°50	0°47	29°46	3° 4	16°40	5°40	27°48	19°29	19°24	14°23	n.a.	F 19
S 20	3 38 14	24°13'36	27°21	18°39	1♏ 3	1°17	29°50	3° 4	16°44	5°41	27°47	19°20	19°21	14°30	n.a.	S 20
S 21	3 42 11	25°14'52	10♏55	17°27	2°16	1°46	29°55	3° 4	16°47	5°42	27°46	19° 7	19°18	14°36	n.a.	S 21
M22	3 46 8	26°16'08	24°15	16°22	3°29	2°15	29°59	3° 3	16°50	5°43	27°45	18°54	19°14	14°43	n.a.	M22
T 23	3 50 4	27°17'24	7♐19	15°27	4°42	2°43	0♓ 4	3° 3	16°53	5°44	27°44	18°40	19°11	14°50	n.a.	T 23
W24	3 54 1	28°18'41	20° 7	14°42	5°55	3°12	0° 9	3° 2	16°56	5°45	27°43	18°28	19° 8	14°56	n.a.	W24
T 25	3 57 57	29°19'58	2♑38	14° 7	7° 8	3°40	0°15	3° 1	16°59	5°46	27°42	18°18	19° 5	15° 3	n.a.	T 25
F 26	4 1 54	0♐21'15	14°52	13°44	8°20	4° 8	0°20	3° 1	17° 2	5°47	27°41	18°10	19° 2	15°10	n.a.	F 26
S 27	4 5 50	1°22'32	26°54	13°30	9°33	4°36	0°26	3° 0	17° 5	5°48	27°39	18° 6	18°59	15°16	n.a.	S 27
S 28	4 9 47	2°23'48	8♒46	13°D27	10°46	5° 4	0°31	2°58	17° 8	5°50	27°38	18° 4	18°55	15°23	n.a.	S 28
M29	4 13 43	3°25'05	20°33	13°33	11°58	5°31	0°37	2°57	17°11	5°51	27°37	18°D 4	18°52	15°30	n.a.	M29
T 30	4 17 40	4♐26'21	2♓21	13♏47	13♑11	5♍59	0♓43	2♌56	17♎14	5♒52	27♊36	18°R 4	18♌49	15♒36	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s18	16s28	0n45	21s47	2s20	23s27	1s36	16n12	1n49	13s25	1s34	20n46	1n 1	5s44	0n33	19s49	0s42	26n 2	2n19	14n36	14n53	16s36		n.a.
T 2	13 39	13 46	0s18	21 55	2 15	23 41	1 38	16 2	1 50	13 24	1 34	20 45	1 2	5 45	0 33	19 49	0 42	26 2	2 19	14 36	14 54	16 35		n.a.
W 3	13 59	10 28	1 20	22 0	2 9	23 54	1 40	15 52	1 51	13 24	1 34	20 45	1 2	5 46	0 33	19 48	0 42	26 2	2 19	14 36	14 55	16 34		n.a.
T 4	14 19	6 42	2 20	22 2	2 2	24 6	1 41	15 43	1 52	13 23	1 33	20 45	1 2	5 48	0 33	19 48	0 42	26 2	2 19	14 37	14 56	16 33		n.a.
F 5	14 39	2 34	3 14	22 1	1 53	24 18	1 43	15 33	1 53	13 22	1 33	20 45	1 2	5 49	0 33	19 48	0 42	26 2	2 19	14 39	14 57	16 32		n.a.
S 6	14 59	1n46	4 0	21 56	1 44	24 29	1 45	15 23	1 53	13 22	1 33	20 45	1 2	5 50	0 33	19 48	0 42	26 2	2 19	14 42	14 58	16 31		n.a.
S 7	15 18	6 8	4 35	21 49	1 32	24 39	1 46	15 13	1 54	13 21	1 33	20 45	1 3	5 52	0 33	19 48	0 42	26 2	2 19	14 45	14 59	16 30		n.a.
M 8	15 37	10 18	4 55	21 38	1 20	24 49	1 48	15 4	1 55	13 20	1 32	20 45	1 3	5 53	0 33	19 48	0 42	26 2	2 20	14 49	15 0	16 29		n.a.
T 9	15 56	14 3	5 0	21 23	1 6	24 58	1 50	14 54	1 56	13 19	1 32	20 45	1 3	5 54	0 33	19 48	0 42	26 2	2 20	14 54	15 1	16 28		n.a.
W10	16 14	17 5	4 47	21 4	0 50	25 6	1 51	14 44	1 57	13 18	1 32	20 45	1 3	5 56	0 33	19 47	0 42	26 3	2 20	14 58	15 2	16 27		n.a.
T 11	16 33	19 10	4 17	20 42	0 33	25 13	1 52	14 34	1 58	13 16	1 31	20 45	1 3	5 57	0 33	19 47	0 42	26 3	2 20	15 1	15 3	16 26		n.a.
F 12	16 51	20 6	3 31	20 15	0 15	25 20	1 54	14 25	1 59	13 15	1 31	20 45	1 4	5 58	0 33	19 47	0 42	26 3	2 20	15 3	15 4	16 25		n.a.
S 13	17 8	19 46	2 32	19 45	0n 5	25 26	1 55	14 15	2 0	13 14	1 31	20 45	1 4	6 0	0 33	19 47	0 42	26 3	2 20	15 5	15 5	16 23		n.a.
S 14	17 26	18 12	1 23	19 12	0 25	25 31	1 56	14 5	2 1	13 13	1 31	20 45	1 4	6 1	0 33	19 47	0 42	26 3	2 20	15 5	15 6	16 22		n.a.
M15	17 43	15 31	0 10	18 35	0 45	25 35	1 57	13 55	2 2	13 11	1 30	20 45	1 4	6 2	0 33	19 46	0 42	26 3	2 20	15 5	15 7	16 21		n.a.
T 16	18 0	11 56	1n 4	17 57	1 6	25 38	1 58	13 46	2 3	13 10	1 30	20 45	1 4	6 4	0 33	19 46	0 42	26 3	2 20	15 5	15 8	16 20		n.a.
W17	18 16	7 42	2 14	17 18	1 25	25 41	1 59	13 36	2 3	13 8	1 30	20 45	1 5	6 5	0 33	19 46	0 42	26 3	2 21	15 6	15 9	16 19		n.a.
T 18	18 32	3 4	3 15	16 38	1 44	25 43	2 0	13 26	2 4	13 6	1 29	20 45	1 5	6 6	0 33	19 46	0 42	26 3	2 21	15 7	15 10	16 18		n.a.
F 19	18 48	1s42	4 4	16 0	2 1	25 44	2 1	13 17	2 5	13 5	1 29	20 46	1 5	6 7	0 33	19 45	0 42	26 3	2 21	15 9	15 11	16 17		n.a.
S 20	19 3	6 19	4 39	15 24	2 16	25 45	2 1	13 7	2 6	13 3	1 29	20 46	1 5	6 9	0 33	19 45	0 42	26 3	2 21	15 12	15 12	16 16		n.a.
S 21	19 18	10 34	4 57	14 52	2 29	25 44	2 2	12 57	2 7	13 1	1 29	20 46	1 5	6 10	0 33	19 45	0 42	26 4	2 21	15 16	15 13	16 15		n.a.
M22	19 33	14 14	4 59	14 23	2 40	25 43	2 2	12 48	2 8	12 59	1 28	20 46	1 6	6 11	0 33	19 45	0 42	26 4	2 21	15 20	15 14	16 14		n.a.
T 23	19 47	17 7	4 45	13 59	2 48	25 41	2 3	12 38	2 9	12 57	1 28	20 47	1 6	6 12	0 33	19 44	0 42	26 4	2 21	15 25	15 15	16 12		n.a.
W24	20 1	19 6	4 16	13 40	2 54	25 39	2 3	12 29	2 10	12 55	1 28	20 47	1 6	6 13	0 33	19 44	0 42	26 4	2 21	15 29	15 16	16 11		n.a.
T 25	20 15	20 6	3 36	13 26	2 58	25 35	2 3	12 19	2 11	12 53	1 27	20 48	1 6	6 15	0 33	19 44	0 42	26 4	2 21	15 32	15 17	16 10		n.a.
F 26	20 28	20 8	2 46	13 17	3 0	25 31	2 4	12 10	2 12	12 51	1 27	20 48	1 6	6 16	0 33	19 44	0 42	26 4	2 21	15 34	15 18	16 9		n.a.
S 27	20 41	19 14	1 50	13 13	3 1	25 26	2 4	12 0	2 13	12 48	1 27	20 48	1 7	6 17	0 33	19 43	0 42	26 4	2 22	15 35	15 19	16 8		n.a.
S 28	20 53	17 30	0 49	13 13	3 0	25 20	2 4	11 51	2 14	12 46	1 27	20 49	1 7	6 18	0 33	19 43	0 42	26 4	2 22	15 36	15 20	16 7		n.a.
M29	21 6	15 1	0s13	13 17	2 57	25 14	2 3	11 41	2 15	12 44	1 26	20 49	1 7	6 19	0 33	19 43	0 42	26 4	2 22	15 36	15 21	16 6		n.a.
T 30	21s17	11s56	1s15	13s25	2n53	25s 7	2s 3	11n32	2n16	12s41	1s26	20n50	1n 7	6s20	0n33	19s42	0s42	26n 4	2n22	15n36	15n22	16s 5		n.a.

Julian Day Number = 1615074.5, Delta T = 03h50m56s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'28, Lahiri = - 7°58'27 Julian Calendar 1 Nov. 292 BCE == Greg. Calendar 28 Oct. 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 292 BCE
geocentric

DECEMBER 292 BCE (-291) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 21 37	5♐27'37	14♓15	14♏ 9	14♑23	6♍26	0♓50	2°R55	17♎17	5♒53	27°R35	18°R 3	18♌46	15♒43	n.a.	W 1
T 2	4 25 33	6°28'52	26°21	14°38	15°35	6°53	0°56	2♌53	17°19	5°55	27♊33	18♌ 2	18°43	15°50	n.a.	T 2
F 3	4 29 30	7°30'07	8♈43	15°14	16°47	7°19	1° 3	2°51	17°22	5°56	27°32	17°57	18°40	15°56	n.a.	F 3
S 4	4 33 26	8°31'22	21°27	15°55	18° 0	7°46	1° 9	2°50	17°25	5°57	27°31	17°50	18°36	16° 3	n.a.	S 4
S 5	4 37 23	9°32'36	4♉35	16°42	19°12	8°12	1°16	2°48	17°28	5°59	27°30	17°41	18°33	16° 9	n.a.	S 5
M 6	4 41 19	10°33'50	18° 7	17°32	20°24	8°38	1°23	2°46	17°30	6° 0	27°28	17°30	18°30	16°16	n.a.	M 6
T 7	4 45 16	11°35'04	2♊ 2	18°27	21°36	9° 4	1°31	2°44	17°33	6° 2	27°27	17°19	18°27	16°23	n.a.	T 7
W 8	4 49 13	12°36'17	16°16	19°26	22°47	9°29	1°38	2°42	17°35	6° 3	27°26	17° 8	18°24	16°29	n.a.	W 8
T 9	4 53 9	13°37'30	0♋43	20°28	23°59	9°54	1°46	2°39	17°38	6° 5	27°25	16°59	18°20	16°36	n.a.	T 9
F 10	4 57 6	14°38'43	15°16	21°32	25°11	10°19	1°53	2°37	17°40	6° 6	27°23	16°53	18°17	16°43	n.a.	F 10
S 11	5 1 2	15°39'56	29°50	22°40	26°22	10°44	2° 1	2°35	17°43	6° 8	27°22	16°49	18°14	16°49	n.a.	S 11
S 12	5 4 59	16°41'08	14♌18	23°49	27°34	11° 9	2° 9	2°32	17°45	6°10	27°21	16°D48	18°11	16°56	n.a.	S 12
M13	5 8 55	17°42'20	28°37	25° 1	28°45	11°33	2°17	2°29	17°48	6°11	27°19	16°48	18° 8	17° 3	n.a.	M13
T 14	5 12 52	18°43'31	12♍45	26°14	29°56	11°57	2°26	2°27	17°50	6°13	27°18	16°R49	18° 5	17° 9	n.a.	T 14
W15	5 16 48	19°44'43	26°40	27°29	1♒ 8	12°20	2°34	2°24	17°52	6°15	27°17	16°49	18° 1	17°16	n.a.	W15
T 16	5 20 45	20°45'54	10♎24	28°46	2°19	12°44	2°43	2°21	17°54	6°16	27°15	16°47	17°58	17°23	n.a.	T 16
F 17	5 24 42	21°47'04	23°55	0♐ 4	3°30	13° 7	2°52	2°18	17°56	6°18	27°14	16°43	17°55	17°29	n.a.	F 17
S 18	5 28 38	22°48'15	7♏15	1°24	4°40	13°30	3° 0	2°15	17°59	6°20	27°13	16°36	17°52	17°36	n.a.	S 18
S 19	5 32 35	23°49'25	20°24	2°44	5°51	13°52	3° 9	2°12	18° 1	6°22	27°11	16°27	17°49	17°43	n.a.	S 19
M20	5 36 31	24°50'34	3♐20	4° 6	7° 2	14°14	3°19	2° 8	18° 3	6°23	27°10	16°18	17°45	17°49	n.a.	M20
T 21	5 40 28	25°51'42	16° 3	5°29	8°12	14°36	3°28	2° 5	18° 5	6°25	27° 9	16° 8	17°42	17°56	n.a.	T 21
W22	5 44 24	26°52'50	28°34	6°52	9°23	14°58	3°37	2° 2	18° 7	6°27	27° 7	15°59	17°39	18° 2	n.a.	W22
T 23	5 48 21	27°53'57	10♑53	8°17	10°33	15°19	3°47	1°58	18° 8	6°29	27° 6	15°51	17°36	18° 9	n.a.	T 23
F 24	5 52 17	28°55'03	22°59	9°42	11°43	15°39	3°57	1°55	18°10	6°31	27° 5	15°46	17°33	18°16	n.a.	F 24
S 25	5 56 14	29°56'08	4♒56	11° 9	12°53	16° 0	4° 6	1°51	18°12	6°33	27° 4	15°43	17°30	18°22	n.a.	S 25
S 26	6 0 11	0♑57'11	16°46	12°36	14° 3	16°20	4°16	1°47	18°14	6°35	27° 2	15°D43	17°26	18°29	n.a.	S 26
M27	6 4 7	1°58'14	28°33	14° 4	15°13	16°40	4°26	1°43	18°15	6°37	27° 1	15°44	17°23	18°36	n.a.	M27
T 28	6 8 4	2°59'15	10♓20	15°33	16°22	16°59	4°37	1°39	18°17	6°39	27° 0	15°45	17°20	18°42	n.a.	T 28
W29	6 12 0	4° 0'14	22°13	17° 2	17°31	17°18	4°47	1°35	18°19	6°40	26°58	15°47	17°17	18°49	n.a.	W29
T 30	6 15 57	5° 1'13	4♈16	18°32	18°41	17°36	4°57	1°31	18°20	6°42	26°57	15°R47	17°14	18°56	n.a.	T 30
F 31	6 19 53	6♑ 2'09	16♈36	20♐ 3	19♒50	17♍54	5♓ 8	1♌27	18♎22	6♒44	26♊56	15♌47	17♌11	19♒ 2	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21 s28	8 s20	2 s15	13 s36	2n49	24 s59	2 s 3	11n23	2n17	12 s39	1 s26	20n50	1n 7	6 s21	0n33	19 s42	0 s42	26n 4	2n22	15n36	15n23	16 s 3			n.a.
T 2	21 39	4 21	3 9	13 49	2 43	24 50	2 3	11 14	2 18	12 36	1 26	20 51	1 8	6 22	0 33	19 42	0 42	26 4	2 22	15 37	15 24	16 2			n.a.
F 3	21 50	0 6	3 56	14 6	2 37	24 41	2 2	11 5	2 19	12 34	1 25	20 51	1 8	6 23	0 33	19 41	0 42	26 4	2 22	15 38	15 25	16 1			n.a.
S 4	21 59	4n16	4 32	14 24	2 31	24 30	2 1	10 56	2 21	12 31	1 25	20 52	1 8	6 24	0 33	19 41	0 42	26 5	2 22	15 40	15 26	16 0			n.a.
S 5	22 9	8 34	4 55	14 44	2 24	24 20	2 1	10 47	2 22	12 28	1 25	20 53	1 8	6 25	0 33	19 41	0 42	26 5	2 22	15 43	15 27	15 59			n.a.
M 6	22 18	12 35	5 3	15 6	2 16	24 8	2 0	10 38	2 23	12 25	1 25	20 53	1 8	6 26	0 33	19 40	0 42	26 5	2 22	15 46	15 28	15 58			n.a.
T 7	22 27	16 2	4 53	15 28	2 8	23 56	1 59	10 29	2 24	12 23	1 24	20 54	1 9	6 27	0 33	19 40	0 42	26 5	2 23	15 50	15 29	15 56			n.a.
W 8	22 35	18 37	4 25	15 52	2 0	23 43	1 58	10 20	2 25	12 20	1 24	20 55	1 9	6 28	0 33	19 39	0 42	26 5	2 23	15 53	15 30	15 55			n.a.
T 9	22 43	20 4	3 40	16 17	1 52	23 29	1 57	10 12	2 26	12 17	1 24	20 55	1 9	6 29	0 33	19 39	0 42	26 5	2 23	15 56	15 31	15 54			n.a.
F 10	22 50	20 12	2 40	16 42	1 44	23 15	1 56	10 3	2 27	12 14	1 24	20 56	1 9	6 30	0 33	19 39	0 42	26 5	2 23	15 58	15 32	15 53			n.a.
S 11	22 57	18 58	1 29	17 7	1 36	23 0	1 54	9 55	2 28	12 11	1 23	20 57	1 9	6 31	0 33	19 38	0 42	26 5	2 23	15 59	15 33	15 52			n.a.
S 12	23 3	16 31	0 13	17 33	1 27	22 45	1 53	9 46	2 29	12 7	1 23	20 58	1 10	6 32	0 33	19 38	0 42	26 5	2 23	15 59	15 34	15 51			n.a.
M13	23 9	13 5	1n 3	17 59	1 19	22 28	1 51	9 38	2 30	12 4	1 23	20 58	1 10	6 33	0 33	19 37	0 42	26 5	2 23	15 59	15 35	15 49			n.a.
T 14	23 15	8 55	2 14	18 24	1 10	22 12	1 50	9 30	2 32	12 1	1 23	20 59	1 10	6 34	0 33	19 37	0 42	26 5	2 23	15 59	15 36	15 48			n.a.
W15	23 20	4 21	3 17	18 50	1 2	21 54	1 48	9 21	2 33	11 58	1 22	21 0	1 10	6 35	0 33	19 36	0 42	26 5	2 23	15 59	15 37	15 47			n.a.
T 16	23 24	0 s23	4 7	19 16	0 53	21 36	1 46	9 13	2 34	11 54	1 22	21 1	1 10	6 36	0 33	19 36	0 42	26 5	2 23	16 0	15 38	15 46			n.a.
F 17	23 28	5 1	4 43	19 41	0 45	21 18	1 44	9 6	2 35	11 51	1 22	21 2	1 11	6 36	0 33	19 36	0 42	26 5	2 23	16 1	15 39	15 45			n.a.
S 18	23 32	9 21	5 2	20 5	0 37	20 59	1 42	8 58	2 36	11 47	1 22	21 3	1 11	6 37	0 34	19 35	0 42	26 5	2 23	16 3	15 40	15 43			n.a.
S 19	23 35	13 9	5 5	20 30	0 29	20 39	1 40	8 50	2 37	11 44	1 21	21 4	1 11	6 38	0 34	19 35	0 42	26 5	2 23	16 6	15 41	15 42			n.a.
M20	23 38	16 17	4 53	20 53	0 20	20 19	1 38	8 42	2 39	11 40	1 21	21 5	1 11	6 39	0 34	19 34	0 42	26 5	2 24	16 9	15 42	15 41			n.a.
T 21	23 40	18 35	4 26	21 16	0 13	19 58	1 35	8 35	2 40	11 37	1 21	21 6	1 11	6 39	0 34	19 34	0 42	26 5	2 24	16 12	15 43	15 40			n.a.
W22	23 41	19 57	3 46	21 39	0 5	19 37	1 33	8 28	2 41	11 33	1 21	21 6	1 11	6 40	0 34	19 33	0 42	26 5	2 24	16 14	15 44	15 38			n.a.
T 23	23 43	20 20	2 57	22 0	0 s 3	19 15	1 30	8 21	2 42	11 29	1 21	21 7	1 12	6 41	0 34	19 33	0 42	26 6	2 24	16 17	15 45	15 37			n.a.
F 24	23 43	19 46	2 0	22 21	0 10	18 53	1 28	8 13	2 43	11 26	1 20	21 8	1 12	6 42	0 34	19 32	0 42	26 6	2 24	16 18	15 46	15 36			n.a.
S 25	23 44	18 19	0 58	22 41	0 18	18 30	1 25	8 7	2 45	11 22	1 20	21 9	1 12	6 42	0 34	19 32	0 42	26 6	2 24	16 19	15 47	15 35			n.a.
S 26	23 43	16 5	0 s 6	23 0	0 25	18 7	1 22	8 0	2 46	11 18	1 20	21 10	1 12	6 43	0 34	19 31	0 41	26 6	2 24	16 19	15 48	15 34			n.a.
M27	23 43	13 12	1 9	23 18	0 32	17 44	1 19	7 53	2 47	11 14	1 20	21 11	1 12	6 43	0 34	19 31	0 41	26 6	2 24	16 19	15 49	15 32			n.a.
T 28	23 42	9 47	2 10	23 35	0 39	17 20	1 16	7 47	2 48	11 10	1 20	21 13	1 13	6 44	0 34	19 30	0 41	26 6	2 24	16 18	15 50	15 31			n.a.
W29	23 40	5 58	3 5	23 50	0 45	16 55	1 13	7 40	2 50	11 6	1 19	21 14	1 13	6 45	0 34	19 30	0 41	26 6	2 24	16 18	15 51	15 30			n.a.
T 30	23 38	1 51	3 54	24 5	0 52	16 31	1 10	7 34	2 51	11 2	1 19	21 15	1 13	6 45	0 34	19 29	0 41	26 6	2 24	16 18	15 52	15 29			n.a.
F 31	23 s35	2n25	4 s32	24 s19	0 s58	16 s 5	1 s 6	7n28	2n52	10 s58	1 s19	21n16	1n13	6 s46	0n34	19 s29	0 s41	26n 6	2n24	16n18	15n52	15 s27			n.a.

Julian Day Number = 1615104.5, Delta T = 03h50m54s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'24, Lahiri = - 7°58'23 Julian Calendar 1 Dec. 292 BCE == Greg. Calendar 27 Nov. 292 BCE

The year -291 astronomical counting style corresponds to year 292 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

JANUARY 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 23 50	7♉ 3'05	29♈17	21♐35	20♒59	18♍12	5♓18	1°R23	18♎23	6♒47	26°R54	15°R44	17♌ 7	19♒ 9	n.a.	S 1
S 2	6 27 46	8° 3'59	12♉22	23° 7	22° 7	18°29	5°29	1♌19	18°25	6°49	26♊53	15♌40	17° 4	19°16	n.a.	S 2
M 3	6 31 43	9° 4'51	25°55	24°40	23°16	18°46	5°40	1°15	18°26	6°51	26°52	15°35	17° 1	19°22	n.a.	M 3
T 4	6 35 40	10° 5'42	9♊55	26°14	24°24	19° 3	5°51	1°11	18°27	6°53	26°50	15°29	16°58	19°29	n.a.	T 4
W 5	6 39 36	11° 6'32	24°19	27°49	25°32	19°19	6° 2	1° 6	18°28	6°55	26°49	15°24	16°55	19°36	n.a.	W 5
T 6	6 43 33	12° 7'20	9♋ 3	29°24	26°40	19°34	6°13	1° 2	18°29	6°57	26°48	15°19	16°51	19°42	n.a.	T 6
F 7	6 47 29	13° 8'06	23°59	1♉ 0	27°48	19°49	6°24	0°57	18°31	6°59	26°46	15°16	16°48	19°49	n.a.	F 7
S 8	6 51 26	14° 8'52	8♌58	2°37	28°56	20° 4	6°36	0°53	18°32	7° 1	26°45	15°D14	16°45	19°55	n.a.	S 8
S 9	6 55 22	15° 9'36	23°52	4°15	0♓ 3	20°18	6°47	0°48	18°33	7° 3	26°44	15°15	16°42	20° 2	n.a.	S 9
M10	6 59 19	16°10'18	8♍34	5°53	1°10	20°31	6°59	0°44	18°34	7° 5	26°43	15°16	16°39	20° 9	n.a.	M10
T 11	7 3 16	17°11'00	22°59	7°32	2°17	20°44	7°10	0°39	18°34	7° 8	26°41	15°17	16°36	20°15	n.a.	T 11
W12	7 7 12	18°11'40	7♎ 5	9°12	3°24	20°57	7°22	0°35	18°35	7°10	26°40	15°19	16°32	20°22	n.a.	W12
T 13	7 11 9	19°12'19	20°51	10°53	4°30	21° 9	7°34	0°30	18°36	7°12	26°39	15°R19	16°29	20°29	n.a.	T 13
F 14	7 15 5	20°12'56	4♏16	12°35	5°36	21°20	7°46	0°25	18°37	7°14	26°38	15°18	16°26	20°35	n.a.	F 14
S 15	7 19 2	21°13'32	17°24	14°18	6°42	21°31	7°58	0°20	18°38	7°16	26°37	15°16	16°23	20°42	n.a.	S 15
S 16	7 22 58	22°14'07	0♐16	16° 1	7°48	21°42	8°10	0°16	18°38	7°18	26°35	15°13	16°20	20°49	n.a.	S 16
M17	7 26 55	23°14'41	12°53	17°46	8°53	21°51	8°22	0°11	18°39	7°21	26°34	15°10	16°17	20°55	n.a.	M17
T 18	7 30 51	24°15'13	25°17	19°31	9°58	22° 1	8°34	0° 6	18°39	7°23	26°33	15° 6	16°13	21° 2	n.a.	T 18
W19	7 34 48	25°15'43	7♑31	21°17	11° 3	22° 9	8°46	0° 1	18°40	7°25	26°32	15° 3	16°10	21° 9	n.a.	W19
T 20	7 38 45	26°16'12	19°36	23° 4	12° 8	22°17	8°59	29♋57	18°40	7°27	26°31	15° 0	16° 7	21°15	n.a.	T 20
F 21	7 42 41	27°16'39	1♒33	24°53	13°12	22°24	9°11	29°52	18°40	7°30	26°30	14°59	16° 4	21°22	n.a.	F 21
S 22	7 46 38	28°17'04	13°24	26°42	14°16	22°31	9°24	29°47	18°41	7°32	26°29	14°D58	16° 1	21°28	n.a.	S 22
S 23	7 50 34	29°17'28	25°12	28°31	15°20	22°37	9°36	29°42	18°41	7°34	26°27	14°59	15°57	21°35	n.a.	S 23
M24	7 54 31	0♒17'49	6♓58	0♒22	16°23	22°42	9°49	29°37	18°41	7°36	26°26	14°59	15°54	21°42	n.a.	M24
T 25	7 58 27	1°18'08	18°47	2°14	17°26	22°47	10° 2	29°32	18°41	7°39	26°25	15° 1	15°51	21°48	n.a.	T 25
W26	8 2 24	2°18'26	0♈41	4° 6	18°29	22°51	10°15	29°28	18°41	7°41	26°24	15° 2	15°48	21°55	n.a.	W26
T 27	8 6 20	3°18'41	12°45	6° 0	19°31	22°54	10°28	29°23	18°R41	7°43	26°23	15° 3	15°45	22° 2	n.a.	T 27
F 28	8 10 17	4°18'54	25° 3	7°54	20°33	22°57	10°41	29°18	18°41	7°45	26°22	15° 4	15°42	22° 8	n.a.	F 28
S 29	8 14 14	5°19'05	7♉40	9°48	21°35	22°59	10°54	29°13	18°41	7°48	26°21	15°R 4	15°38	22°15	n.a.	S 29
S 30	8 18 10	6°19'13	20°38	11°43	22°36	23° 0	11° 7	29° 8	18°41	7°50	26°20	15° 4	15°35	22°22	n.a.	S 30
M31	8 22 7	7♒19'20	4♊ 3	13♒39	23♓37	23°R 1	11♓20	29♋ 4	18♎41	7♒52	26♊19	15♌ 3	15♌32	22♒28	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s32	6n42	4s59	24s31	1s 4	15s40	1s 3	7n22	2n53	10s54	1s19	21n17	1n13	6s46	0n34	19s28	0s41	26n 6	2n24	16n19	15n53	15s26		n.a.
S 2	23 29	10 48	5 11	24 42	1 10	15 14	0 59	7 17	2 55	10 50	1 19	21 18	1 13	6 47	0 34	19 28	0 41	26 6	2 24	16 20	15 54	15 25		n.a.
M 3	23 25	14 30	5 7	24 52	1 15	14 48	0 55	7 11	2 56	10 45	1 18	21 19	1 13	6 47	0 34	19 27	0 41	26 6	2 24	16 21	15 55	15 23		n.a.
T 4	23 20	17 31	4 44	25 1	1 21	14 21	0 52	7 6	2 57	10 41	1 18	21 20	1 14	6 48	0 34	19 27	0 41	26 6	2 25	16 23	15 56	15 22		n.a.
W 5	23 15	19 33	4 3	25 8	1 25	13 55	0 48	7 1	2 59	10 37	1 18	21 21	1 14	6 48	0 34	19 26	0 41	26 6	2 25	16 25	15 57	15 21		n.a.
T 6	23 10	20 20	3 5	25 14	1 30	13 28	0 44	6 56	3 0	10 32	1 18	21 22	1 14	6 49	0 34	19 26	0 41	26 6	2 25	16 26	15 58	15 20		n.a.
F 7	23 4	19 42	1 54	25 18	1 35	13 0	0 40	6 51	3 1	10 28	1 18	21 23	1 14	6 49	0 34	19 25	0 41	26 6	2 25	16 27	15 59	15 18		n.a.
S 8	22 58	17 41	0 34	25 21	1 39	12 32	0 36	6 46	3 2	10 24	1 17	21 25	1 14	6 49	0 34	19 25	0 41	26 6	2 25	16 28	16 0	15 17		n.a.
S 9	22 51	14 28	0n47	25 22	1 43	12 5	0 31	6 42	3 4	10 19	1 17	21 26	1 14	6 50	0 34	19 24	0 41	26 6	2 25	16 28	16 1	15 16		n.a.
M10	22 44	10 23	2 5	25 22	1 46	11 36	0 27	6 38	3 5	10 15	1 17	21 27	1 14	6 50	0 34	19 23	0 41	26 6	2 25	16 27	16 2	15 15		n.a.
T 11	22 37	5 46	3 13	25 20	1 49	11 8	0 22	6 34	3 6	10 10	1 17	21 28	1 15	6 50	0 34	19 23	0 42	26 6	2 25	16 27	16 3	15 13		n.a.
W12	22 29	0 56	4 8	25 16	1 52	10 40	0 18	6 30	3 8	10 6	1 17	21 29	1 15	6 51	0 34	19 22	0 42	26 6	2 25	16 26	16 4	15 12		n.a.
T 13	22 20	3s49	4 47	25 11	1 55	10 11	0 13	6 26	3 9	10 1	1 17	21 30	1 15	6 51	0 34	19 22	0 42	26 6	2 25	16 26	16 5	15 11		n.a.
F 14	22 11	8 15	5 9	25 4	1 57	9 42	0 8	6 23	3 10	9 56	1 16	21 31	1 15	6 51	0 34	19 21	0 42	26 6	2 25	16 26	16 6	15 9		n.a.
S 15	22 2	12 12	5 15	24 55	1 59	9 13	0 4	6 20	3 12	9 52	1 16	21 33	1 15	6 51	0 34	19 21	0 42	26 6	2 25	16 27	16 7	15 8		n.a.
S 16	21 52	15 30	5 4	24 45	2 0	8 44	0n 1	6 17	3 13	9 47	1 16	21 34	1 15	6 52	0 34	19 20	0 42	26 6	2 25	16 28	16 8	15 7		n.a.
M17	21 42	18 0	4 39	24 32	2 1	8 14	0 6	6 14	3 14	9 42	1 16	21 35	1 15	6 52	0 34	19 20	0 42	26 6	2 25	16 29	16 9	15 5		n.a.
T 18	21 31	19 38	4 1	24 18	2 2	7 45	0 11	6 12	3 16	9 37	1 16	21 36	1 15	6 52	0 34	19 19	0 42	26 6	2 25	16 30	16 10	15 4		n.a.
W19	21 20	20 19	3 13	24 2	2 2	7 15	0 17	6 10	3 17	9 33	1 16	21 37	1 16	6 52	0 34	19 18	0 42	26 6	2 25	16 31	16 11	15 3		n.a.
T 20	21 9	20 2	2 16	23 44	2 2	6 45	0 22	6 8	3 18	9 28	1 16	21 38	1 16	6 52	0 34	19 18	0 42	26 6	2 25	16 32	16 12	15 1		n.a.
F 21	20 57	18 52	1 14	23 24	2 1	6 16	0 27	6 6	3 20	9 23	1 15	21 40	1 16	6 52	0 34	19 17	0 42	26 6	2 25	16 32	16 13	15 0		n.a.
S 22	20 45	16 52	0 9	23 2	2 0	5 46	0 33	6 4	3 21	9 18	1 15	21 41	1 16	6 53	0 34	19 17	0 42	26 6	2 25	16 32	16 14	14 59		n.a.
S 23	20 33	14 10	0s56	22 38	1 58	5 16	0 38	6 3	3 22	9 13	1 15	21 42	1 16	6 53	0 34	19 16	0 42	26 6	2 25	16 32	16 15	14 57		n.a.
M24	20 20	10 54	1 59	22 12	1 56	4 46	0 44	6 2	3 24	9 8	1 15	21 43	1 16	6 53	0 34	19 16	0 42	26 6	2 25	16 32	16 16	14 56		n.a.
T 25	20 7	7 12	2 57	21 44	1 53	4 16	0 49	6 1	3 25	9 3	1 15	21 44	1 16	6 53	0 34	19 15	0 42	26 6	2 25	16 32	16 17	14 55		n.a.
W26	19 53	3 12	3 48	21 14	1 49	3 46	0 55	6 1	3 26	8 58	1 15	21 45	1 16	6 53	0 34	19 14	0 42	26 6	2 25	16 31	16 18	14 53		n.a.
T 27	19 39	0n59	4 29	20 42	1 45	3 16	1 1	6 1	3 27	8 53	1 15	21 46	1 16	6 53	0 34	19 14	0 42	26 6	2 26	16 31	16 19	14 52		n.a.
F 28	19 25	5 11	4 59	20 8	1 41	2 46	1 7	6 1	3 29	8 48	1 14	21 47	1 16	6 53	0 34	19 13	0 42	26 6	2 26	16 31	16 19	14 51		n.a.
S 29	19 10	9 16	5 15	19 32	1 36	2 16	1 13	6 1	3 30	8 43	1 14	21 48	1 17	6 53	0 35	19 13	0 42	26 6	2 26	16 31	16 20	14 49		n.a.
S 30	18 55	13 3	5 16	18 55	1 30	1 46	1 19	6 2	3 31	8 38	1 14	21 50	1 17	6 53	0 35	19 12	0 42	26 6	2 26	16 31	16 21	14 48		n.a.
M31	18s40	16n17	5s 1	18s16	1s23	1s16	1n25	6n 3	3n32	8s32	1s14	21n51	1n17	6s52	0n35	19s11	0s42	26n 6	2n26	16n31	16n22	14s47		n.a.

Julian Day Number = 1615135.5, Delta T = 03h50m53s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'19, Lahiri = - 7°58'19 Julian Calendar 1 Jan. 291 BCE == Greg. Calendar 28 Dec. 292 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

FEBRUARY 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 26 3	8♒19'24	17♊55	15♒34	24♓37	23°R 0	11♓33	28°R59	18°R41	7♒55	26°R18	15°R 2	15♌29	22♒35	n.a.	T 1
W 2	8 30 0	9°19'26	2♋14	17°30	25°37	22♍59	11°46	28♋54	18♎40	7°57	26♊17	15♌ 1	15°26	22°42	n.a.	W 2
T 3	8 33 56	10°19'26	16°57	19°25	26°36	22°58	11°59	28°49	18°40	7°59	26°16	15° 1	15°23	22°48	n.a.	T 3
F 4	8 37 53	11°19'23	1♌59	21°20	27°35	22°55	12°13	28°45	18°39	8° 1	26°16	15° 1	15°19	22°55	n.a.	F 4
S 5	8 41 49	12°19'19	17°10	23°15	28°33	22°52	12°26	28°40	18°39	8° 4	26°15	15°D 1	15°16	23° 2	n.a.	S 5
S 6	8 45 46	13°19'12	2♍22	25° 8	29°31	22°48	12°40	28°36	18°39	8° 6	26°14	15° 1	15°13	23° 8	n.a.	S 6
M 7	8 49 43	14°19'04	17°25	26°59	0♈29	22°43	12°53	28°31	18°38	8° 8	26°13	15° 1	15°10	23°15	n.a.	M 7
T 8	8 53 39	15°18'53	2♎10	28°49	1°26	22°38	13° 7	28°27	18°37	8°10	26°12	15°R 1	15° 7	23°21	n.a.	T 8
W 9	8 57 36	16°18'41	16°33	0♓37	2°22	22°31	13°20	28°22	18°37	8°13	26°11	15° 1	15° 3	23°28	n.a.	W 9
T 10	9 1 32	17°18'27	0♏31	2°22	3°18	22°24	13°34	28°18	18°36	8°15	26°11	15° 1	15° 0	23°35	n.a.	T 10
F 11	9 5 29	18°18'11	14° 3	4° 3	4°13	22°16	13°48	28°13	18°35	8°17	26°10	15°D 0	14°57	23°41	n.a.	F 11
S 12	9 9 25	19°17'54	27°10	5°41	5° 8	22° 8	14° 1	28° 9	18°34	8°20	26° 9	15° 0	14°54	23°48	n.a.	S 12
S 13	9 13 22	20°17'34	9♐56	7°15	6° 2	21°58	14°15	28° 5	18°33	8°22	26° 8	15° 1	14°51	23°55	n.a.	S 13
M14	9 17 18	21°17'13	22°23	8°44	6°55	21°48	14°29	28° 0	18°32	8°24	26° 8	15° 1	14°48	24° 1	n.a.	M14
T 15	9 21 15	22°16'50	4♑36	10° 7	7°47	21°37	14°43	27°56	18°31	8°26	26° 7	15° 2	14°44	24° 8	n.a.	T 15
W16	9 25 11	23°16'25	16°38	11°25	8°39	21°26	14°57	27°52	18°30	8°28	26° 6	15° 3	14°41	24°15	n.a.	W16
T 17	9 29 8	24°15'58	28°32	12°37	9°31	21°13	15°11	27°48	18°29	8°31	26° 6	15° 4	14°38	24°21	n.a.	T 17
F 18	9 33 5	25°15'29	10♒22	13°43	10°21	21° 0	15°25	27°44	18°28	8°33	26° 5	15°R 4	14°35	24°28	n.a.	F 18
S 19	9 37 1	26°14'58	22° 9	14°42	11°11	20°46	15°39	27°40	18°27	8°35	26° 5	15° 4	14°32	24°35	n.a.	S 19
S 20	9 40 58	27°14'24	3♓56	15°34	12° 0	20°31	15°53	27°36	18°26	8°37	26° 4	15° 3	14°29	24°41	n.a.	S 20
M21	9 44 54	28°13'49	15°46	16°18	12°48	20°16	16° 7	27°32	18°25	8°39	26° 4	15° 2	14°25	24°48	n.a.	M21
T 22	9 48 51	29°13'11	27°40	16°55	13°35	20° 0	16°21	27°29	18°23	8°42	26° 3	15° 0	14°22	24°55	n.a.	T 22
W23	9 52 47	0♓12'31	9♈40	17°24	14°21	19°43	16°35	27°25	18°22	8°44	26° 3	14°58	14°19	25° 1	n.a.	W23
T 24	9 56 44	1°11'49	21°50	17°46	15° 7	19°26	16°49	27°21	18°21	8°46	26° 2	14°55	14°16	25° 8	n.a.	T 24
F 25	10 0 40	2°11'04	4♉12	18° 0	15°51	19° 8	17° 3	27°18	18°19	8°48	26° 2	14°53	14°13	25°14	n.a.	F 25
S 26	10 4 37	3°10'17	16°49	18°R 7	16°34	18°49	17°17	27°14	18°18	8°50	26° 1	14°52	14° 9	25°21	n.a.	S 26
S 27	10 8 33	4° 9'27	29°45	18° 6	17°17	18°30	17°31	27°11	18°16	8°52	26° 1	14°D51	14° 6	25°28	n.a.	S 27
M28	10 12 30	5♓ 8'35	13♊ 2	17♓57	17♈58	18♍11	17♓46	27♋ 8	18♎14	8♒54	26♊ 1	14♌51	14♌ 3	25♒34	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s24	18n44	4s27	17s34	1s16	0s47	1n31	6n 4	3n33	8s27	1s14	21n52	1n17	6s52	0n35	19s11	0s42	26n 6	2n26	16n31	16n23	14s45		n.a.
W 2	18 8	20 6	3 36	16 52	1 9	0 17	1 37	6 5	3 35	8 22	1 14	21 53	1 17	6 52	0 35	19 10	0 42	26 6	2 26	16 31	16 24	14 44		n.a.
T 3	17 52	20 10	2 30	16 7	1 0	0n13	1 43	6 7	3 36	8 17	1 14	21 54	1 17	6 52	0 35	19 10	0 42	26 6	2 26	16 32	16 25	14 43		n.a.
F 4	17 35	18 47	1 12	15 22	0 51	0 42	1 49	6 9	3 37	8 12	1 14	21 55	1 17	6 52	0 35	19 9	0 42	26 6	2 26	16 32	16 26	14 41		n.a.
S 5	17 19	16 4	0n12	14 35	0 41	1 11	1 56	6 11	3 38	8 6	1 14	21 56	1 17	6 52	0 35	19 9	0 42	26 6	2 26	16 32	16 27	14 40		n.a.
S 6	17 1	12 14	1 35	13 47	0 31	1 40	2 2	6 14	3 39	8 1	1 13	21 57	1 17	6 51	0 35	19 8	0 42	26 6	2 26	16 32	16 28	14 38		n.a.
M 7	16 44	7 39	2 51	12 59	0 20	2 9	2 9	6 17	3 40	7 56	1 13	21 58	1 17	6 51	0 35	19 7	0 42	26 6	2 26	16 32	16 29	14 37		n.a.
T 8	16 26	2 41	3 54	12 10	0 9	2 38	2 15	6 20	3 41	7 50	1 13	21 59	1 17	6 51	0 35	19 7	0 42	26 6	2 26	16 32	16 30	14 36		n.a.
W 9	16 8	2s17	4 40	11 20	0n 3	3 7	2 22	6 23	3 42	7 45	1 13	22 0	1 17	6 51	0 35	19 6	0 42	26 6	2 26	16 32	16 31	14 34		n.a.
T 10	15 50	6 59	5 8	10 31	0 16	3 35	2 28	6 27	3 43	7 39	1 13	22 1	1 17	6 50	0 35	19 6	0 42	26 6	2 26	16 32	16 32	14 33		n.a.
F 11	15 32	11 11	5 18	9 42	0 28	4 4	2 35	6 31	3 43	7 34	1 13	22 2	1 17	6 50	0 35	19 5	0 42	26 6	2 26	16 32	16 33	14 31		n.a.
S 12	15 13	14 43	5 11	8 54	0 42	4 32	2 42	6 35	3 44	7 29	1 13	22 3	1 17	6 50	0 35	19 4	0 42	26 6	2 26	16 32	16 34	14 30		n.a.
S 13	14 54	17 27	4 49	8 6	0 55	4 59	2 48	6 39	3 45	7 23	1 13	22 4	1 17	6 49	0 35	19 4	0 42	26 6	2 26	16 32	16 35	14 29		n.a.
M14	14 35	19 18	4 13	7 20	1 9	5 27	2 55	6 44	3 46	7 18	1 13	22 4	1 17	6 49	0 35	19 3	0 42	26 6	2 26	16 32	16 36	14 27		n.a.
T 15	14 15	20 12	3 27	6 36	1 22	5 54	3 2	6 49	3 46	7 12	1 13	22 5	1 17	6 49	0 35	19 3	0 42	26 6	2 26	16 31	16 37	14 26		n.a.
W16	13 55	20 10	2 32	5 54	1 36	6 21	3 9	6 54	3 47	7 7	1 13	22 6	1 18	6 48	0 35	19 2	0 42	26 6	2 26	16 31	16 37	14 24		n.a.
T 17	13 36	19 13	1 31	5 14	1 49	6 48	3 15	7 0	3 47	7 1	1 12	22 7	1 18	6 48	0 35	19 2	0 42	26 6	2 26	16 31	16 38	14 23		n.a.
F 18	13 15	17 26	0 26	4 36	2 2	7 14	3 22	7 5	3 48	6 56	1 12	22 8	1 18	6 47	0 35	19 1	0 42	26 6	2 26	16 31	16 39	14 22		n.a.
S 19	12 55	14 55	0s39	4 2	2 15	7 40	3 29	7 11	3 48	6 50	1 12	22 9	1 18	6 47	0 35	19 0	0 42	26 6	2 26	16 31	16 40	14 20		n.a.
S 20	12 35	11 47	1 43	3 30	2 27	8 6	3 36	7 18	3 48	6 45	1 12	22 10	1 18	6 46	0 35	19 0	0 42	26 6	2 26	16 31	16 41	14 19		n.a.
M21	12 14	8 10	2 42	3 2	2 38	8 31	3 43	7 24	3 49	6 39	1 12	22 10	1 18	6 46	0 35	18 59	0 42	26 6	2 26	16 31	16 42	14 17		n.a.
T 22	11 53	4 13	3 35	2 38	2 49	8 56	3 49	7 30	3 49	6 33	1 12	22 11	1 18	6 45	0 35	18 59	0 42	26 6	2 26	16 32	16 43	14 16		n.a.
W23	11 32	0 5	4 18	2 17	2 59	9 21	3 56	7 37	3 49	6 28	1 12	22 12	1 18	6 45	0 35	18 58	0 42	26 6	2 26	16 33	16 44	14 14		n.a.
T 24	11 11	4n 7	4 51	2 0	3 8	9 45	4 3	7 44	3 49	6 22	1 12	22 13	1 18	6 44	0 35	18 58	0 42	26 6	2 26	16 33	16 45	14 13		n.a.
F 25	10 49	8 12	5 11	1 48	3 16	10 9	4 10	7 51	3 49	6 17	1 12	22 13	1 18	6 44	0 35	18 57	0 42	26 6	2 26	16 34	16 46	14 11		n.a.
S 26	10 28	12 1	5 16	1 39	3 23	10 32	4 17	7 58	3 49	6 11	1 12	22 14	1 18	6 43	0 35	18 57	0 42	26 6	2 26	16 34	16 47	14 10		n.a.
S 27	10 6	15 22	5 6	1 35	3 28	10 55	4 23	8 6	3 48	6 5	1 12	22 15	1 18	6 42	0 35	18 56	0 42	26 6	2 26	16 35	16 48	14 9		n.a.
M28	9s44	18n 2	4s39	1s34	3n32	11n17	4n30	8n13	3n48	6s 0	1s12	22n15	1n18	6s42	0n35	18s56	0s42	26n 6	2n26	16n35	16n49	14s 7		n.a.

Julian Day Number = 1615166.5, Delta T = 03h50m52s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'15, Lahiri = - 7°58'15 Julian Calendar 1 Feb. 291 BCE == Greg. Calendar 28 Jan. 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

MARCH 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 16 27	6♓ 7'41	26♊42	17°R42	18♈38	17°R51	18♓ 0	27°R 4	18°R13	8♒56	26°R 0	14♌52	14♌ 0	25♒41	n.a.	T 1
W 2	10 20 23	7° 6'44	10♋48	17♓21	19°17	17♍30	18°14	27♋ 1	18♎11	8°58	26♊ 0	14°53	13°57	25°48	n.a.	W 2
T 3	10 24 20	8° 5'45	25°17	16°54	19°54	17°10	18°28	26°58	18°10	9° 1	26° 0	14°54	13°54	25°54	n.a.	T 3
F 4	10 28 16	9° 4'44	10♌ 8	16°21	20°31	16°48	18°43	26°55	18° 8	9° 3	25°59	14°R55	13°50	26° 1	n.a.	F 4
S 5	10 32 13	10° 3'40	25°13	15°44	21° 6	16°27	18°57	26°52	18° 6	9° 5	25°59	14°55	13°47	26° 8	n.a.	S 5
S 6	10 36 9	11° 2'33	10♍25	15° 3	21°40	16° 5	19°11	26°50	18° 4	9° 7	25°59	14°54	13°44	26°14	n.a.	S 6
M 7	10 40 6	12° 1'25	25°34	14°19	22°12	15°43	19°26	26°47	18° 2	9° 9	25°59	14°51	13°41	26°21	n.a.	M 7
T 8	10 44 2	13° 0'15	10♎31	13°34	22°42	15°20	19°40	26°44	18° 0	9°11	25°59	14°47	13°38	26°28	n.a.	T 8
W 9	10 47 59	13°59'02	25° 7	12°47	23°12	14°58	19°54	26°42	17°59	9°13	25°58	14°43	13°34	26°34	n.a.	W 9
T 10	10 51 56	14°57'48	9♏17	12° 0	23°39	14°35	20° 9	26°39	17°57	9°14	25°58	14°39	13°31	26°41	n.a.	T 10
F 11	10 55 52	15°56'32	22°58	11°14	24° 5	14°12	20°23	26°37	17°55	9°16	25°58	14°36	13°28	26°48	n.a.	F 11
S 12	10 59 49	16°55'15	6♐12	10°29	24°29	13°50	20°37	26°35	17°53	9°18	25°58	14°34	13°25	26°54	n.a.	S 12
S 13	11 3 45	17°53'55	19° 0	9°47	24°52	13°27	20°52	26°33	17°51	9°20	25°58	14°D33	13°22	27° 1	n.a.	S 13
M14	11 7 42	18°52'34	1♑26	9° 8	25°13	13° 4	21° 6	26°31	17°49	9°22	25°D58	14°34	13°19	27° 7	n.a.	M14
T 15	11 11 38	19°51'11	13°35	8°32	25°31	12°41	21°20	26°29	17°46	9°24	25°58	14°35	13°15	27°14	n.a.	T 15
W16	11 15 35	20°49'46	25°32	8° 1	25°48	12°19	21°35	26°27	17°44	9°26	25°58	14°37	13°12	27°21	n.a.	W16
T 17	11 19 31	21°48'19	7♒22	7°34	26° 3	11°57	21°49	26°25	17°42	9°28	25°58	14°38	13° 9	27°27	n.a.	T 17
F 18	11 23 28	22°46'51	19° 8	7°11	26°16	11°34	22° 3	26°24	17°40	9°29	25°58	14°R39	13° 6	27°34	n.a.	F 18
S 19	11 27 24	23°45'20	0♓55	6°54	26°26	11°13	22°18	26°22	17°38	9°31	25°59	14°37	13° 3	27°41	n.a.	S 19
S 20	11 31 21	24°43'48	12°45	6°41	26°35	10°51	22°32	26°21	17°35	9°33	25°59	14°34	13° 0	27°47	n.a.	S 20
M21	11 35 18	25°42'14	24°40	6°34	26°41	10°30	22°47	26°19	17°33	9°35	25°59	14°29	12°56	27°54	n.a.	M21
T 22	11 39 14	26°40'37	6♈43	6°D31	26°45	10° 9	23° 1	26°18	17°31	9°36	25°59	14°22	12°53	28° 1	n.a.	T 22
W23	11 43 11	27°38'59	18°55	6°34	26°R47	9°49	23°15	26°17	17°29	9°38	25°59	14°14	12°50	28° 7	n.a.	W23
T 24	11 47 7	28°37'19	1♉17	6°42	26°46	9°29	23°30	26°16	17°26	9°40	26° 0	14° 6	12°47	28°14	n.a.	T 24
F 25	11 51 4	29°35'36	13°50	6°55	26°43	9°10	23°44	26°15	17°24	9°41	26° 0	13°58	12°44	28°21	n.a.	F 25
S 26	11 55 0	0♈33'52	26°37	7°12	26°37	8°51	23°58	26°14	17°22	9°43	26° 0	13°52	12°40	28°27	n.a.	S 26
S 27	11 58 57	1°32'06	9♊37	7°34	26°29	8°33	24°12	26°13	17°19	9°44	26° 0	13°48	12°37	28°34	n.a.	S 27
M28	12 2 53	2°30'17	22°54	8° 0	26°19	8°15	24°27	26°13	17°17	9°46	26° 1	13°46	12°34	28°41	n.a.	M28
T 29	12 6 50	3°28'27	6♋28	8°30	26° 6	7°58	24°41	26°12	17°14	9°47	26° 1	13°D45	12°31	28°47	n.a.	T 29
W30	12 10 47	4°26'34	20°22	9° 5	25°50	7°42	24°55	26°12	17°12	9°49	26° 2	13°46	12°28	28°54	n.a.	W30
T 31	12 14 43	5♈24'39	4♌36	9♓43	25♈32	7♍26	25♓ 9	26♋12	17♎ 9	9♒50	26♊ 2	13♌47	12♌25	29♒ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9s22	19n46	3s56	1s38	3n34	11n39	4n37	8n21	3n48	5s54	1s12	22n16	1n18	6s41	0n35	18s55	0s42	26n 6	2n26	16n34	16n50	14s 6			n.a.
W 2	9 0	20 20	2 57	1 46	3 35	12 0	4 44	8 28	3 47	5 48	1 12	22 17	1 18	6 40	0 35	18 54	0 42	26 6	2 26	16 34	16 51	14 4			n.a.
T 3	8 38	19 36	1 46	1 57	3 34	12 20	4 50	8 36	3 46	5 42	1 12	22 17	1 18	6 40	0 35	18 54	0 42	26 6	2 26	16 34	16 51	14 3			n.a.
F 4	8 16	17 30	0 26	2 13	3 31	12 40	4 57	8 44	3 46	5 37	1 12	22 18	1 18	6 39	0 35	18 53	0 42	26 6	2 26	16 33	16 52	14 1			n.a.
S 5	7 53	14 9	0n56	2 31	3 27	13 0	5 3	8 51	3 45	5 31	1 12	22 18	1 18	6 38	0 35	18 53	0 42	26 6	2 26	16 33	16 53	14 0			n.a.
S 6	7 31	9 50	2 16	2 53	3 21	13 19	5 9	8 59	3 44	5 25	1 11	22 19	1 18	6 38	0 35	18 52	0 42	26 6	2 26	16 34	16 54	13 58			n.a.
M 7	7 8	4 55	3 25	3 17	3 13	13 37	5 16	9 7	3 43	5 20	1 11	22 19	1 18	6 37	0 35	18 52	0 42	26 6	2 26	16 35	16 55	13 57			n.a.
T 8	6 45	0s14	4 20	3 43	3 4	13 54	5 22	9 15	3 42	5 14	1 11	22 20	1 18	6 36	0 35	18 51	0 42	26 6	2 26	16 36	16 56	13 55			n.a.
W 9	6 22	5 15	4 56	4 10	2 53	14 11	5 28	9 22	3 41	5 8	1 11	22 20	1 18	6 36	0 35	18 51	0 42	26 6	2 26	16 37	16 57	13 54			n.a.
T 10	6 0	9 50	5 12	4 39	2 42	14 27	5 34	9 30	3 39	5 2	1 11	22 21	1 18	6 35	0 35	18 50	0 42	26 6	2 26	16 38	16 58	13 52			n.a.
F 11	5 37	13 44	5 10	5 9	2 29	14 42	5 40	9 38	3 38	4 57	1 11	22 21	1 18	6 34	0 35	18 50	0 42	26 6	2 26	16 39	16 59	13 51			n.a.
S 12	5 13	16 49	4 52	5 39	2 15	14 56	5 45	9 45	3 36	4 51	1 11	22 22	1 18	6 33	0 35	18 49	0 42	26 6	2 26	16 40	17 0	13 49			n.a.
S 13	4 50	18 58	4 19	6 9	2 0	15 10	5 51	9 53	3 35	4 45	1 11	22 22	1 18	6 32	0 35	18 49	0 42	26 6	2 26	16 40	17 1	13 48			n.a.
M14	4 27	20 9	3 35	6 38	1 44	15 23	5 56	10 0	3 33	4 40	1 11	22 22	1 17	6 32	0 35	18 48	0 42	26 6	2 26	16 40	17 2	13 46			n.a.
T 15	4 4	20 21	2 42	7 6	1 29	15 34	6 1	10 7	3 31	4 34	1 11	22 23	1 17	6 31	0 35	18 48	0 42	26 6	2 26	16 39	17 3	13 45			n.a.
W16	3 41	19 37	1 43	7 33	1 13	15 45	6 6	10 14	3 29	4 28	1 11	22 23	1 17	6 30	0 35	18 47	0 42	26 6	2 26	16 39	17 3	13 43			n.a.
T 17	3 17	18 1	0 40	7 58	0 56	15 55	6 11	10 21	3 27	4 22	1 11	22 23	1 17	6 29	0 35	18 47	0 42	26 6	2 26	16 38	17 4	13 42			n.a.
F 18	2 54	15 39	0s24	8 21	0 40	16 4	6 15	10 28	3 25	4 17	1 11	22 24	1 17	6 28	0 35	18 47	0 43	26 6	2 26	16 38	17 5	13 40			n.a.
S 19	2 31	12 39	1 28	8 43	0 24	16 12	6 19	10 34	3 23	4 11	1 11	22 24	1 17	6 27	0 35	18 46	0 43	26 6	2 26	16 39	17 6	13 39			n.a.
S 20	2 7	9 7	2 27	9 2	0 9	16 18	6 23	10 41	3 21	4 5	1 11	22 24	1 17	6 27	0 35	18 46	0 43	26 6	2 26	16 40	17 7	13 37			n.a.
M21	1 44	5 12	3 20	9 19	0s 6	16 24	6 27	10 47	3 19	3 59	1 11	22 24	1 17	6 26	0 35	18 45	0 43	26 6	2 26	16 41	17 8	13 36			n.a.
T 22	1 20	1 3	4 5	9 33	0 21	16 28	6 30	10 53	3 16	3 54	1 11	22 25	1 17	6 25	0 35	18 45	0 43	26 6	2 26	16 43	17 9	13 34			n.a.
W23	0 57	3n12	4 39	9 45	0 35	16 31	6 32	10 58	3 14	3 48	1 11	22 25	1 17	6 24	0 35	18 44	0 43	26 6	2 26	16 46	17 10	13 33			n.a.
T 24	0 33	7 22	5 1	9 55	0 49	16 33	6 35	11 3	3 12	3 42	1 11	22 25	1 17	6 23	0 35	18 44	0 43	26 6	2 26	16 48	17 11	13 31			n.a.
F 25	0 10	11 17	5 8	10 2	1 2	16 34	6 37	11 9	3 9	3 36	1 11	22 25	1 17	6 22	0 35	18 44	0 43	26 6	2 26	16 50	17 12	13 30			n.a.
S 26	0n14	14 45	5 1	10 7	1 14	16 33	6 38	11 13	3 6	3 31	1 11	22 25	1 17	6 21	0 35	18 43	0 43	26 6	2 26	16 52	17 13	13 28			n.a.
S 27	0 37	17 35	4 38	10 9	1 26	16 31	6 39	11 18	3 4	3 25	1 11	22 25	1 17	6 20	0 35	18 43	0 43	26 6	2 26	16 53	17 13	13 26			n.a.
M28	1 0	19 33	4 0	10 9	1 36	16 27	6 39	11 22	3 1	3 19	1 11	22 25	1 17	6 19	0 35	18 42	0 43	26 6	2 26	16 54	17 14	13 25			n.a.
T 29	1 24	20 27	3 7	10 7	1 46	16 22	6 39	11 26	2 58	3 13	1 11	22 25	1 17	6 18	0 35	18 42	0 43	26 6	2 26	16 54	17 15	13 23			n.a.
W30	1 47	20 8	2 3	10 3	1 56	16 16	6 39	11 30	2 56	3 8	1 11	22 25	1 17	6 17	0 35	18 42	0 43	26 6	2 26	16 54	17 16	13 22			n.a.
T 31	2n10	18n33	0s49	9s56	2s 5	16n 8	6n37	11n33	2n53	3s 2	1s11	22n25	1n17	6s16	0n35	18s41	0s43	26n 6	2n26	16n53	17n17	13s20			n.a.

Julian Day Number = 1615194.5, Delta T = 03h50m51s
Ecliptic obliquity = 23°43'44, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'11, Lahiri = - 7°58'11 Julian Calendar 1 March 291 BCE == Greg. Calendar 25 Feb. 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

APRIL 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 18 40	6♈22'42	19♌ 8	10♓26	25°R12	7°R11	25♓24	26°R11	17°R 7	9♒52	26♊ 2	13°R47	12♌21	29♒ 7	n.a.	F 1
S 2	12 22 36	7°20'43	3♍55	11°12	24♈50	6♍57	25°38	26°D11	17♎ 5	9°53	26° 3	13♌46	12°18	29°14	n.a.	S 2
S 3	12 26 33	8°18'42	18°51	12° 1	24°25	6°43	25°52	26♋11	17° 2	9°55	26° 3	13°42	12°15	29°20	n.a.	S 3
M 4	12 30 29	9°16'39	3♎50	12°54	23°58	6°31	26° 6	26°12	17° 0	9°56	26° 4	13°36	12°12	29°27	n.a.	M 4
T 5	12 34 26	10°14'34	18°41	13°49	23°29	6°19	26°20	26°12	16°57	9°57	26° 4	13°28	12° 9	29°34	n.a.	T 5
W 6	12 38 22	11°12'28	3♏16	14°48	22°59	6° 7	26°34	26°12	16°55	9°59	26° 5	13°19	12° 5	29°40	n.a.	W 6
T 7	12 42 19	12°10'21	17°29	15°50	22°26	5°57	26°49	26°13	16°52	10° 0	26° 6	13°10	12° 2	29°47	n.a.	T 7
F 8	12 46 15	13° 8'11	1♐15	16°55	21°53	5°47	27° 3	26°13	16°50	10° 1	26° 6	13° 2	11°59	29°54	n.a.	F 8
S 9	12 50 12	14° 6'01	14°33	18° 2	21°18	5°39	27°17	26°14	16°47	10° 3	26° 7	12°56	11°56	0♓ 0	n.a.	S 9
S 10	12 54 9	15° 3'49	27°25	19°13	20°42	5°30	27°31	26°15	16°45	10° 4	26° 8	12°53	11°53	0° 7	n.a.	S 10
M11	12 58 5	16° 1'36	9♑53	20°26	20° 5	5°23	27°45	26°15	16°42	10° 5	26° 8	12°51	11°50	0°14	n.a.	M11
T 12	13 2 2	16°59'22	22° 4	21°41	19°27	5°17	27°59	26°16	16°39	10° 6	26° 9	12°D51	11°46	0°20	n.a.	T 12
W13	13 5 58	17°57'06	4♒ 1	22°59	18°50	5°11	28°12	26°17	16°37	10° 7	26°10	12°52	11°43	0°27	n.a.	W13
T 14	13 9 55	18°54'49	15°50	24°19	18°12	5° 6	28°26	26°19	16°34	10° 8	26°10	12°R52	11°40	0°34	n.a.	T 14
F 15	13 13 51	19°52'31	27°37	25°42	17°34	5° 2	28°40	26°20	16°32	10° 9	26°11	12°51	11°37	0°40	n.a.	F 15
S 16	13 17 48	20°50'12	9♓26	27° 7	16°56	4°59	28°54	26°21	16°29	10°11	26°12	12°47	11°34	0°47	n.a.	S 16
S 17	13 21 44	21°47'51	21°20	28°34	16°20	4°57	29° 8	26°23	16°27	10°12	26°13	12°42	11°31	0°54	n.a.	S 17
M18	13 25 41	22°45'29	3♈23	0♈ 4	15°44	4°55	29°22	26°24	16°24	10°12	26°14	12°33	11°27	1° 0	n.a.	M18
T 19	13 29 38	23°43'06	15°37	1°36	15° 9	4°54	29°35	26°26	16°22	10°13	26°14	12°23	11°24	1° 7	n.a.	T 19
W20	13 33 34	24°40'42	28° 4	3°10	14°35	4°D54	29°49	26°28	16°19	10°14	26°15	12°11	11°21	1°14	n.a.	W20
T 21	13 37 31	25°38'16	10♉43	4°47	14° 3	4°55	0♈ 2	26°30	16°17	10°15	26°16	11°58	11°18	1°20	n.a.	T 21
F 22	13 41 27	26°35'49	23°34	6°25	13°32	4°56	0°16	26°32	16°14	10°16	26°17	11°47	11°15	1°27	n.a.	F 22
S 23	13 45 24	27°33'20	6♊38	8° 6	13° 3	4°59	0°30	26°34	16°12	10°17	26°18	11°37	11°11	1°34	n.a.	S 23
S 24	13 49 20	28°30'51	19°53	9°49	12°37	5° 2	0°43	26°36	16° 9	10°18	26°19	11°29	11° 8	1°40	n.a.	S 24
M25	13 53 17	29°28'19	3♋20	11°35	12°12	5° 5	0°56	26°38	16° 7	10°18	26°20	11°25	11° 5	1°47	n.a.	M25
T 26	13 57 13	0♉25'47	16°59	13°22	11°49	5°10	1°10	26°41	16° 5	10°19	26°21	11°23	11° 2	1°54	n.a.	T 26
W27	14 1 10	1°23'13	0♌50	15°12	11°29	5°15	1°23	26°43	16° 2	10°20	26°22	11°D22	10°59	2° 0	n.a.	W27
T 28	14 5 7	2°20'37	14°53	17° 4	11°10	5°21	1°36	26°46	16° 0	10°21	26°23	11°R22	10°56	2° 7	n.a.	T 28
F 29	14 9 3	3°18'01	29°10	18°58	10°55	5°28	1°50	26°48	15°57	10°21	26°24	11°21	10°52	2°13	n.a.	F 29
S 30	14 13 0	4♉15'22	13♍36	20♈55	10♈41	5♍35	2♈ 3	26♋51	15♎55	10♒22	26♊25	11♌19	10♌49	2♓20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n34	15n43	0n29	9s47	2s12	15n59	6n35	11n36	2n50	2s56	1s11	22n25	1n17	6s15	0n35	18s41	0s43	26n 6	2n26	16n53	17n18	13s19		n.a.
S 2	2 57	11 50	1 46	9 36	2 20	15 48	6 33	11 39	2 47	2 51	1 11	22 25	1 17	6 15	0 35	18 40	0 43	26 6	2 26	16 54	17 19	13 17		n.a.
S 3	3 20	7 10	2 57	9 23	2 26	15 35	6 29	11 41	2 44	2 45	1 11	22 25	1 17	6 14	0 35	18 40	0 43	26 6	2 26	16 55	17 20	13 16		n.a.
M 4	3 43	2 3	3 56	9 8	2 32	15 21	6 25	11 43	2 41	2 39	1 11	22 25	1 17	6 13	0 35	18 40	0 43	26 6	2 26	16 57	17 21	13 14		n.a.
T 5	4 6	3s 8	4 38	8 51	2 37	15 6	6 21	11 45	2 38	2 34	1 11	22 25	1 17	6 12	0 35	18 39	0 43	26 6	2 26	16 59	17 22	13 12		n.a.
W 6	4 29	8 3	5 1	8 32	2 41	14 49	6 15	11 47	2 36	2 28	1 11	22 25	1 17	6 11	0 35	18 39	0 43	26 6	2 26	17 2	17 22	13 11		n.a.
T 7	4 52	12 23	5 4	8 11	2 45	14 31	6 9	11 48	2 33	2 22	1 11	22 25	1 17	6 10	0 35	18 39	0 43	26 7	2 26	17 4	17 23	13 9		n.a.
F 8	5 15	15 55	4 50	7 48	2 48	14 12	6 2	11 49	2 30	2 17	1 11	22 25	1 16	6 9	0 35	18 38	0 43	26 7	2 26	17 6	17 24	13 8		n.a.
S 9	5 38	18 30	4 21	7 23	2 50	13 51	5 54	11 49	2 27	2 11	1 12	22 25	1 16	6 8	0 35	18 38	0 43	26 7	2 26	17 8	17 25	13 6		n.a.
S 10	6 0	20 4	3 38	6 57	2 52	13 30	5 46	11 50	2 24	2 6	1 12	22 24	1 16	6 7	0 35	18 38	0 43	26 7	2 26	17 9	17 26	13 4		n.a.
M11	6 23	20 35	2 47	6 29	2 53	13 7	5 37	11 50	2 21	2 0	1 12	22 24	1 16	6 6	0 35	18 38	0 43	26 7	2 26	17 9	17 27	13 3		n.a.
T 12	6 45	20 6	1 49	5 59	2 53	12 44	5 27	11 49	2 18	1 54	1 12	22 24	1 16	6 5	0 35	18 37	0 43	26 7	2 26	17 10	17 28	13 1		n.a.
W13	7 7	18 43	0 47	5 28	2 53	12 19	5 16	11 49	2 15	1 49	1 12	22 24	1 16	6 4	0 35	18 37	0 43	26 7	2 26	17 9	17 29	13 0		n.a.
T 14	7 30	16 32	0s16	4 55	2 52	11 54	5 5	11 48	2 12	1 43	1 12	22 23	1 16	6 3	0 35	18 37	0 43	26 7	2 26	17 9	17 30	12 58		n.a.
F 15	7 52	13 40	1 18	4 20	2 50	11 29	4 54	11 46	2 9	1 38	1 12	22 23	1 16	6 2	0 35	18 36	0 43	26 7	2 26	17 10	17 31	12 56		n.a.
S 16	8 14	10 14	2 17	3 44	2 48	11 3	4 42	11 45	2 6	1 32	1 12	22 23	1 16	6 1	0 35	18 36	0 43	26 7	2 26	17 11	17 31	12 55		n.a.
S 17	8 36	6 23	3 10	3 6	2 45	10 37	4 29	11 43	2 3	1 27	1 12	22 22	1 16	6 0	0 35	18 36	0 43	26 7	2 26	17 12	17 32	12 53		n.a.
M18	8 57	2 13	3 55	2 27	2 42	10 11	4 16	11 41	2 0	1 21	1 12	22 22	1 16	5 59	0 35	18 36	0 43	26 7	2 26	17 15	17 33	12 52		n.a.
T 19	9 19	2n 5	4 30	1 46	2 38	9 45	4 3	11 39	1 57	1 16	1 12	22 22	1 16	5 58	0 35	18 35	0 44	26 7	2 26	17 18	17 34	12 50		n.a.
W20	9 40	6 22	4 53	1 4	2 34	9 20	3 49	11 36	1 54	1 10	1 12	22 21	1 16	5 57	0 35	18 35	0 44	26 7	2 26	17 21	17 35	12 48		n.a.
T 21	10 2	10 27	5 1	0 21	2 29	8 54	3 35	11 33	1 52	1 5	1 12	22 21	1 16	5 56	0 35	18 35	0 44	26 7	2 26	17 25	17 36	12 47		n.a.
F 22	10 23	14 8	4 55	0n24	2 23	8 29	3 21	11 30	1 49	1 0	1 12	22 20	1 16	5 55	0 35	18 35	0 44	26 7	2 26	17 28	17 37	12 45		n.a.
S 23	10 44	17 11	4 34	1 10	2 17	8 5	3 7	11 26	1 46	0 54	1 12	22 20	1 16	5 54	0 35	18 35	0 44	26 7	2 27	17 31	17 38	12 43		n.a.
S 24	11 5	19 24	3 57	1 57	2 10	7 42	2 53	11 23	1 43	0 49	1 12	22 20	1 16	5 53	0 35	18 34	0 44	26 7	2 27	17 33	17 39	12 42		n.a.
M25	11 25	20 34	3 7	2 45	2 3	7 19	2 39	11 19	1 40	0 44	1 12	22 19	1 16	5 52	0 35	18 34	0 44	26 7	2 27	17 34	17 39	12 40		n.a.
T 26	11 46	20 34	2 5	3 35	1 55	6 57	2 25	11 14	1 38	0 38	1 12	22 19	1 16	5 51	0 35	18 34	0 44	26 7	2 27	17 35	17 40	12 38		n.a.
W27	12 6	19 19	0 56	4 25	1 47	6 36	2 11	11 10	1 35	0 33	1 13	22 18	1 16	5 51	0 35	18 34	0 44	26 7	2 27	17 35	17 41	12 37		n.a.
T 28	12 26	16 52	0n19	5 16	1 38	6 16	1 57	11 5	1 32	0 28	1 13	22 17	1 15	5 50	0 35	18 34	0 44	26 7	2 27	17 35	17 42	12 35		n.a.
F 29	12 46	13 21	1 33	6 8	1 29	5 57	1 44	11 0	1 30	0 22	1 13	22 17	1 15	5 49	0 35	18 34	0 44	26 7	2 27	17 35	17 43	12 33		n.a.
S 30	13n 6	9n 0	2n42	7n 1	1s20	5n40	1n30	10n55	1n27	0s17	1s13	22n16	1n15	5s48	0n35	18s34	0s44	26n 7	2n27	17n36	17n44	12s32		n.a.

Julian Day Number = 1615225.5, Delta T = 03h50m50s
Ecliptic obliquity = 23°43'44, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'07, Lahiri = - 7°58'07 Julian Calendar 1 Apr. 291 BCE == Greg. Calendar 28 March 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

MAY 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 16 56	5♉12'43	28♍10	22♈53	10°R30	5♍44	2♈16	26♋54	15°R53	10♒22	26♊26	11°R13	10♌46	2♓27	n.a.	S 1
M 2	14 20 53	6°10'02	12♎46	24°54	10♈22	5°52	2°29	26°57	15♎50	10°23	26°28	11♌ 6	10°43	2°33	n.a.	M 2
T 3	14 24 49	7° 7'20	27°17	26°56	10°15	6° 2	2°42	27° 0	15°48	10°23	26°29	10°55	10°40	2°40	n.a.	T 3
W 4	14 28 46	8° 4'37	11♏37	29° 0	10°11	6°12	2°55	27° 3	15°46	10°24	26°30	10°44	10°37	2°47	n.a.	W 4
T 5	14 32 42	9° 1'54	25°39	1♉ 6	10°D10	6°23	3° 8	27° 6	15°44	10°24	26°31	10°32	10°33	2°53	n.a.	T 5
F 6	14 36 39	9°59'09	9♐19	3°13	10°11	6°34	3°21	27°10	15°41	10°25	26°32	10°22	10°30	3° 0	n.a.	F 6
S 7	14 40 36	10°56'24	22°34	5°22	10°14	6°46	3°34	27°13	15°39	10°25	26°33	10°14	10°27	3° 7	n.a.	S 7
S 8	14 44 32	11°53'39	5♑26	7°31	10°20	6°58	3°46	27°17	15°37	10°26	26°35	10° 8	10°24	3°13	n.a.	S 8
M 9	14 48 29	12°50'53	17°55	9°42	10°27	7°12	3°59	27°20	15°35	10°26	26°36	10° 5	10°21	3°20	n.a.	M 9
T 10	14 52 25	13°48'06	0♒ 7	11°53	10°37	7°25	4°12	27°24	15°33	10°26	26°37	10° 4	10°17	3°27	n.a.	T 10
W11	14 56 22	14°45'19	12° 6	14° 5	10°49	7°40	4°24	27°28	15°31	10°26	26°39	10° 3	10°14	3°33	n.a.	W11
T 12	15 0 18	15°42'32	23°56	16°17	11° 3	7°55	4°37	27°32	15°29	10°27	26°40	10° 3	10°11	3°40	n.a.	T 12
F 13	15 4 15	16°39'44	5♓45	18°28	11°19	8°10	4°49	27°35	15°26	10°27	26°41	10° 2	10° 8	3°47	n.a.	F 13
S 14	15 8 11	17°36'55	17°36	20°39	11°37	8°26	5° 1	27°39	15°24	10°27	26°42	9°59	10° 5	3°53	n.a.	S 14
S 15	15 12 8	18°34'07	29°35	22°50	11°57	8°43	5°13	27°44	15°22	10°27	26°44	9°54	10° 2	4° 0	n.a.	S 15
M16	15 16 5	19°31'18	11♈46	24°59	12°18	9° 0	5°26	27°48	15°21	10°27	26°45	9°46	9°58	4° 7	n.a.	M16
T 17	15 20 1	20°28'28	24°10	27° 8	12°41	9°17	5°38	27°52	15°19	10°27	26°47	9°35	9°55	4°13	n.a.	T 17
W18	15 23 58	21°25'39	6♉51	29°15	13° 6	9°35	5°50	27°56	15°17	10°R27	26°48	9°23	9°52	4°20	n.a.	W18
T 19	15 27 54	22°22'49	19°48	1♊20	13°33	9°54	6° 2	28° 1	15°15	10°27	26°49	9°11	9°49	4°27	n.a.	T 19
F 20	15 31 51	23°19'59	3♊ 0	3°24	14° 1	10°13	6°14	28° 5	15°13	10°27	26°51	8°59	9°46	4°33	n.a.	F 20
S 21	15 35 47	24°17'08	16°26	5°26	14°30	10°32	6°25	28°10	15°11	10°27	26°52	8°49	9°42	4°40	n.a.	S 21
S 22	15 39 44	25°14'17	0♋ 3	7°26	15° 1	10°52	6°37	28°15	15°10	10°27	26°54	8°42	9°39	4°47	n.a.	S 22
M23	15 43 40	26°11'25	13°49	9°24	15°34	11°13	6°49	28°19	15° 8	10°27	26°55	8°37	9°36	4°53	n.a.	M23
T 24	15 47 37	27° 8'33	27°43	11°20	16° 7	11°34	7° 0	28°24	15° 6	10°27	26°56	8°35	9°33	5° 0	n.a.	T 24
W25	15 51 34	28° 5'40	11♌43	13°14	16°42	11°55	7°12	28°29	15° 5	10°26	26°58	8°D35	9°30	5° 7	n.a.	W25
T 26	15 55 30	29° 2'47	25°47	15° 6	17°18	12°17	7°23	28°34	15° 3	10°26	26°59	8°R35	9°27	5°13	n.a.	T 26
F 27	15 59 27	29°59'54	9♍57	16°56	17°55	12°39	7°34	28°39	15° 1	10°26	27° 1	8°35	9°23	5°20	n.a.	F 27
S 28	16 3 23	0♊56'59	24° 9	18°44	18°34	13° 2	7°45	28°44	15° 0	10°26	27° 2	8°33	9°20	5°27	n.a.	S 28
S 29	16 7 20	1°54'05	8♎22	20°29	19°13	13°25	7°57	28°49	14°58	10°25	27° 4	8°29	9°17	5°33	n.a.	S 29
M30	16 11 16	2°51'10	22°33	22°13	19°54	13°49	8° 7	28°54	14°57	10°25	27° 6	8°22	9°14	5°40	n.a.	M30
T 31	16 15 13	3♊48'15	6♏38	23♊54	20♈35	14♍12	8♈18	29♋ 0	14♎56	10♒25	27♊ 7	8♌13	9♌11	5♓47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n25	4n 6	3n41	7n55	1s10	5n23	1n17	10n50	1n24	0s12	1s13	22n16	1n15	5s47	0n35	18s33	0s44	26n 7	2n27	17n37	17n45	12s30		n.a.
M 2	13 44	1s 2	4 25	8 49	1 0	5 8	1 4	10 44	1 22	0 7	1 13	22 15	1 15	5 46	0 35	18 33	0 44	26 7	2 27	17 39	17 46	12 28		n.a.
T 3	14 3	6 5	4 52	9 43	0 50	4 54	0 51	10 38	1 19	0 2	1 13	22 14	1 15	5 45	0 35	18 33	0 44	26 7	2 27	17 42	17 46	12 27		n.a.
W 4	14 22	10 44	5 1	10 38	0 40	4 41	0 39	10 32	1 17	0n 3	1 13	22 14	1 15	5 44	0 35	18 33	0 44	26 8	2 27	17 45	17 47	12 25		n.a.
T 5	14 41	14 42	4 50	11 33	0 29	4 29	0 27	10 26	1 14	0 9	1 13	22 13	1 15	5 43	0 35	18 33	0 44	26 8	2 27	17 48	17 48	12 23		n.a.
F 6	14 59	17 46	4 24	12 27	0 18	4 19	0 15	10 19	1 12	0 14	1 13	22 12	1 15	5 43	0 35	18 33	0 44	26 8	2 27	17 51	17 49	12 22		n.a.
S 7	15 17	19 48	3 43	13 21	0 8	4 9	0 4	10 12	1 9	0 19	1 13	22 12	1 15	5 42	0 35	18 33	0 44	26 8	2 27	17 53	17 50	12 20		n.a.
S 8	15 35	20 45	2 52	14 14	0n 3	4 1	0s 7	10 5	1 7	0 24	1 14	22 11	1 15	5 41	0 35	18 33	0 44	26 8	2 27	17 55	17 51	12 18		n.a.
M 9	15 53	20 37	1 54	15 7	0 14	3 55	0 18	9 58	1 5	0 29	1 14	22 10	1 15	5 40	0 35	18 33	0 44	26 8	2 27	17 56	17 52	12 17		n.a.
T 10	16 10	19 31	0 52	15 58	0 24	3 49	0 28	9 51	1 2	0 34	1 14	22 9	1 15	5 39	0 35	18 33	0 44	26 8	2 27	17 56	17 53	12 15		n.a.
W11	16 28	17 33	0s11	16 48	0 34	3 45	0 38	9 43	1 0	0 39	1 14	22 9	1 15	5 38	0 35	18 33	0 44	26 8	2 27	17 56	17 53	12 13		n.a.
T 12	16 44	14 51	1 13	17 37	0 44	3 41	0 48	9 35	0 58	0 43	1 14	22 8	1 15	5 38	0 35	18 33	0 44	26 8	2 27	17 56	17 54	12 12		n.a.
F 13	17 1	11 33	2 12	18 23	0 53	3 39	0 57	9 28	0 55	0 48	1 14	22 7	1 15	5 37	0 35	18 33	0 44	26 8	2 27	17 57	17 55	12 10		n.a.
S 14	17 17	7 47	3 5	19 8	1 2	3 38	1 6	9 19	0 53	0 53	1 14	22 6	1 15	5 36	0 35	18 33	0 44	26 8	2 27	17 58	17 56	12 8		n.a.
S 15	17 34	3 41	3 51	19 51	1 11	3 38	1 15	9 11	0 51	0 58	1 14	22 5	1 15	5 35	0 35	18 33	0 44	26 8	2 27	17 59	17 57	12 6		n.a.
M16	17 49	0n37	4 26	20 31	1 19	3 39	1 23	9 3	0 49	1 3	1 14	22 4	1 15	5 35	0 35	18 33	0 44	26 8	2 27	18 1	17 58	12 5		n.a.
T 17	18 5	4 59	4 50	21 9	1 26	3 41	1 31	8 54	0 46	1 7	1 15	22 3	1 15	5 34	0 35	18 33	0 45	26 8	2 27	18 4	17 59	12 3		n.a.
W18	18 20	9 14	5 1	21 44	1 33	3 43	1 39	8 45	0 44	1 12	1 15	22 2	1 15	5 33	0 35	18 33	0 45	26 8	2 27	18 7	17 59	12 1		n.a.
T 19	18 35	13 9	4 56	22 17	1 39	3 47	1 46	8 36	0 42	1 17	1 15	22 2	1 15	5 33	0 35	18 33	0 45	26 8	2 27	18 11	18 0	12 0		n.a.
F 20	18 50	16 30	4 35	22 47	1 44	3 52	1 53	8 27	0 40	1 21	1 15	22 1	1 15	5 32	0 35	18 33	0 45	26 8	2 27	18 14	18 1	11 58		n.a.
S 21	19 4	19 3	3 59	23 15	1 49	3 57	1 59	8 17	0 38	1 26	1 15	22 0	1 14	5 31	0 35	18 33	0 45	26 9	2 27	18 16	18 2	11 56		n.a.
S 22	19 18	20 34	3 9	23 40	1 53	4 4	2 6	8 8	0 36	1 31	1 15	21 59	1 14	5 31	0 35	18 33	0 45	26 9	2 27	18 18	18 3	11 54		n.a.
M23	19 32	20 53	2 7	24 2	1 56	4 11	2 12	7 58	0 34	1 35	1 15	21 58	1 14	5 30	0 35	18 33	0 45	26 9	2 27	18 19	18 4	11 53		n.a.
T 24	19 45	19 56	0 57	24 22	1 58	4 18	2 17	7 48	0 32	1 40	1 15	21 57	1 14	5 29	0 35	18 33	0 45	26 9	2 27	18 20	18 5	11 51		n.a.
W25	19 58	17 45	0n17	24 39	2 0	4 27	2 23	7 38	0 30	1 44	1 16	21 56	1 14	5 29	0 35	18 33	0 45	26 9	2 27	18 20	18 5	11 49		n.a.
T 26	20 11	14 29	1 30	24 54	2 1	4 36	2 28	7 28	0 28	1 48	1 16	21 55	1 14	5 28	0 35	18 33	0 45	26 9	2 27	18 20	18 6	11 47		n.a.
F 27	20 24	10 23	2 39	25 6	2 2	4 46	2 33	7 18	0 26	1 53	1 16	21 53	1 14	5 28	0 34	18 33	0 45	26 9	2 27	18 20	18 7	11 46		n.a.
S 28	20 36	5 40	3 38	25 16	2 1	4 57	2 37	7 7	0 24	1 57	1 16	21 52	1 14	5 27	0 34	18 33	0 45	26 9	2 27	18 21	18 8	11 44		n.a.
S 29	20 48	0 40	4 23	25 23	2 1	5 8	2 41	6 56	0 22	2 1	1 16	21 51	1 14	5 26	0 34	18 34	0 45	26 9	2 27	18 22	18 9	11 42		n.a.
M30	20 59	4s22	4 52	25 29	1 59	5 19	2 45	6 46	0 21	2 6	1 16	21 50	1 14	5 26	0 34	18 34	0 45	26 9	2 27	18 23	18 10	11 40		n.a.
T 31	21n10	9s 7	5n 3	25n32	1n57	5n32	2s49	6n35	0n19	2n10	1s16	21n49	1n14	5s25	0n34	18s34	0s45	26n 9	2n28	18n26	18n11	11s39		n.a.

Julian Day Number = 1615255.5, Delta T = 03h50m49s
Ecliptic obliquity = 23°43'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°05'03, Lahiri = - 7°58'03 Julian Calendar 1 May 291 BCE == Greg. Calendar 27 Apr. 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

JUNE 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 19 10	4♊45'20	20♏33	25♊33	21♈18	14♍37	8♈29	29♋ 5	14°R54	10°R24	27♊ 9	8°R 3	9♌ 8	5♓53	n.a.	W 1
T 2	16 23 6	5°42'24	4♐14	27° 9	22° 2	15° 1	8°40	29°10	14♎53	10♒24	27°10	7♌54	9° 4	6° 0	n.a.	T 2
F 3	16 27 3	6°39'29	17°37	28°44	22°46	15°26	8°50	29°16	14°52	10°23	27°12	7°45	9° 1	6° 7	n.a.	F 3
S 4	16 30 59	7°36'34	0♑41	0♋16	23°31	15°52	9° 1	29°21	14°51	10°23	27°13	7°37	8°58	6°13	n.a.	S 4
S 5	16 34 56	8°33'40	13°25	1°47	24°17	16°17	9°11	29°27	14°49	10°22	27°15	7°32	8°55	6°20	n.a.	S 5
M 6	16 38 52	9°30'45	25°51	3°15	25° 4	16°43	9°22	29°33	14°48	10°22	27°16	7°30	8°52	6°27	n.a.	M 6
T 7	16 42 49	10°27'51	8♒ 1	4°40	25°52	17°10	9°32	29°39	14°47	10°21	27°18	7°D29	8°48	6°33	n.a.	T 7
W 8	16 46 45	11°24'58	20° 0	6° 4	26°41	17°36	9°42	29°44	14°46	10°20	27°20	7°30	8°45	6°40	n.a.	W 8
T 9	16 50 42	12°22'05	1♓51	7°25	27°30	18° 3	9°52	29°50	14°45	10°20	27°21	7°31	8°42	6°47	n.a.	T 9
F 10	16 54 39	13°19'12	13°41	8°43	28°20	18°31	10° 2	29°56	14°44	10°19	27°23	7°R31	8°39	6°53	n.a.	F 10
S 11	16 58 35	14°16'20	25°34	10° 0	29°10	18°59	10°11	0♌ 2	14°43	10°18	27°24	7°30	8°36	7° 0	n.a.	S 11
S 12	17 2 32	15°13'29	7♈35	11°14	0♉ 2	19°27	10°21	0° 8	14°43	10°18	27°26	7°28	8°33	7° 6	n.a.	S 12
M13	17 6 28	16°10'38	19°49	12°25	0°54	19°55	10°31	0°14	14°42	10°17	27°28	7°23	8°29	7°13	n.a.	M13
T 14	17 10 25	17° 7'48	2♉21	13°34	1°46	20°23	10°40	0°20	14°41	10°16	27°29	7°17	8°26	7°20	n.a.	T 14
W15	17 14 21	18° 4'59	15°11	14°40	2°39	20°52	10°49	0°27	14°40	10°15	27°31	7° 9	8°23	7°26	n.a.	W15
T 16	17 18 18	19° 2'10	28°21	15°43	3°33	21°22	10°58	0°33	14°40	10°14	27°33	7° 1	8°20	7°33	n.a.	T 16
F 17	17 22 14	19°59'23	11♊51	16°43	4°27	21°51	11° 7	0°39	14°39	10°13	27°34	6°53	8°17	7°40	n.a.	F 17
S 18	17 26 11	20°56'35	25°39	17°41	5°22	22°21	11°16	0°45	14°39	10°12	27°36	6°47	8°14	7°46	n.a.	S 18
S 19	17 30 8	21°53'49	9♋41	18°35	6°17	22°51	11°25	0°52	14°38	10°12	27°38	6°42	8°10	7°53	n.a.	S 19
M20	17 34 4	22°51'03	23°52	19°26	7°12	23°21	11°34	0°58	14°38	10°11	27°39	6°39	8° 7	8° 0	n.a.	M20
T 21	17 38 1	23°48'17	8♌ 9	20°14	8° 9	23°52	11°42	1° 5	14°37	10°10	27°41	6°D39	8° 4	8° 6	n.a.	T 21
W22	17 41 57	24°45'32	22°27	20°58	9° 5	24°23	11°51	1°11	14°37	10° 9	27°43	6°40	8° 1	8°13	n.a.	W22
T 23	17 45 54	25°42'47	6♍45	21°39	10° 2	24°54	11°59	1°18	14°37	10° 8	27°44	6°41	7°58	8°20	n.a.	T 23
F 24	17 49 50	26°40'03	20°58	22°16	11° 0	25°25	12° 7	1°24	14°37	10° 6	27°46	6°R42	7°54	8°26	n.a.	F 24
S 25	17 53 47	27°37'19	5♎ 5	22°49	11°58	25°57	12°15	1°31	14°36	10° 5	27°48	6°42	7°51	8°33	n.a.	S 25
S 26	17 57 44	28°34'35	19° 6	23°17	12°56	26°29	12°23	1°38	14°36	10° 4	27°49	6°40	7°48	8°40	n.a.	S 26
M27	18 1 40	29°31'52	2♏57	23°42	13°54	27° 1	12°31	1°45	14°36	10° 3	27°51	6°37	7°45	8°46	n.a.	M27
T 28	18 5 37	0♋29'10	16°38	24° 2	14°54	27°34	12°38	1°51	14°D36	10° 2	27°53	6°32	7°42	8°53	n.a.	T 28
W29	18 9 33	1°26'29	0♐ 7	24°17	15°53	28° 6	12°46	1°58	14°36	10° 1	27°54	6°27	7°39	9° 0	n.a.	W29
T 30	18 13 30	2♋23'48	13♐23	24♋28	16♉53	28♍39	12♈53	2♌ 5	14♎36	10♒ 0	27♊56	6♌21	7♌35	9♓ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n21	13s21	4n56	25n33	1n54	5n44	2s53	6n23	0n17	2n14	1s17	21n48	1n14	5s25	0n34	18s34	0s45	26n 9	2n28	18n28	18n11	11s37		n.a.
T 2	21 31	16 47	4 32	25 32	1 51	5 58	2 56	6 12	0 15	2 18	1 17	21 47	1 14	5 24	0 34	18 34	0 45	26 9	2 28	18 31	18 12	11 35		n.a.
F 3	21 41	19 16	3 54	25 30	1 46	6 11	2 59	6 1	0 13	2 22	1 17	21 46	1 14	5 24	0 34	18 34	0 45	26 10	2 28	18 33	18 13	11 33		n.a.
S 4	21 51	20 40	3 4	25 26	1 42	6 26	3 2	5 49	0 12	2 26	1 17	21 44	1 14	5 24	0 34	18 35	0 45	26 10	2 28	18 35	18 14	11 32		n.a.
S 5	22 0	20 58	2 5	25 20	1 37	6 40	3 4	5 38	0 10	2 30	1 17	21 43	1 14	5 23	0 34	18 35	0 45	26 10	2 28	18 36	18 15	11 30		n.a.
M 6	22 9	20 13	1 2	25 12	1 31	6 55	3 7	5 26	0 8	2 34	1 17	21 42	1 14	5 23	0 34	18 35	0 45	26 10	2 28	18 37	18 16	11 28		n.a.
T 7	22 17	18 32	0s 3	25 3	1 25	7 11	3 9	5 14	0 7	2 38	1 18	21 41	1 14	5 22	0 34	18 35	0 45	26 10	2 28	18 37	18 16	11 26		n.a.
W 8	22 25	16 3	1 7	24 53	1 18	7 27	3 11	5 2	0 5	2 42	1 18	21 39	1 14	5 22	0 34	18 35	0 45	26 10	2 28	18 37	18 17	11 25		n.a.
T 9	22 33	12 55	2 7	24 41	1 10	7 43	3 13	4 50	0 3	2 46	1 18	21 38	1 14	5 22	0 34	18 35	0 45	26 10	2 28	18 37	18 18	11 23		n.a.
F 10	22 40	9 17	3 2	24 29	1 3	7 59	3 14	4 37	0 2	2 49	1 18	21 37	1 14	5 21	0 34	18 36	0 45	26 10	2 28	18 37	18 19	11 21		n.a.
S 11	22 47	5 17	3 49	24 15	0 54	8 16	3 16	4 25	0 0	2 53	1 18	21 36	1 14	5 21	0 34	18 36	0 45	26 10	2 28	18 37	18 20	11 19		n.a.
S 12	22 54	1 2	4 27	24 0	0 46	8 33	3 17	4 12	0s 1	2 57	1 18	21 34	1 14	5 21	0 34	18 36	0 45	26 10	2 28	18 38	18 21	11 17		n.a.
M13	23 0	3n19	4 53	23 45	0 36	8 50	3 18	4 0	0 3	3 0	1 19	21 33	1 14	5 20	0 34	18 36	0 45	26 10	2 28	18 39	18 22	11 16		n.a.
T 14	23 6	7 38	5 6	23 28	0 27	9 7	3 19	3 47	0 4	3 4	1 19	21 32	1 14	5 20	0 34	18 37	0 46	26 10	2 28	18 40	18 22	11 14		n.a.
W15	23 11	11 44	5 4	23 11	0 16	9 25	3 20	3 34	0 6	3 7	1 19	21 30	1 14	5 20	0 34	18 37	0 46	26 11	2 28	18 42	18 23	11 12		n.a.
T 16	23 16	15 23	4 47	22 53	0 6	9 43	3 20	3 21	0 7	3 11	1 19	21 29	1 14	5 20	0 34	18 37	0 46	26 11	2 28	18 45	18 24	11 10		n.a.
F 17	23 21	18 19	4 13	22 35	0s 5	10 1	3 20	3 8	0 9	3 14	1 19	21 27	1 14	5 19	0 34	18 37	0 46	26 11	2 28	18 47	18 25	11 8		n.a.
S 18	23 25	20 16	3 23	22 17	0 16	10 19	3 21	2 55	0 10	3 18	1 19	21 26	1 14	5 19	0 34	18 38	0 46	26 11	2 28	18 48	18 26	11 7		n.a.
S 19	23 29	21 2	2 21	21 58	0 28	10 37	3 21	2 42	0 12	3 21	1 20	21 25	1 14	5 19	0 34	18 38	0 46	26 11	2 28	18 49	18 27	11 5		n.a.
M20	23 32	20 28	1 9	21 39	0 40	10 56	3 20	2 28	0 13	3 24	1 20	21 23	1 14	5 19	0 34	18 38	0 46	26 11	2 29	18 50	18 27	11 3		n.a.
T 21	23 35	18 35	0n 8	21 19	0 52	11 14	3 20	2 15	0 15	3 27	1 20	21 22	1 14	5 19	0 34	18 39	0 46	26 11	2 29	18 50	18 28	11 1		n.a.
W22	23 37	15 32	1 25	21 0	1 5	11 33	3 20	2 1	0 16	3 31	1 20	21 20	1 14	5 19	0 34	18 39	0 46	26 11	2 29	18 50	18 29	10 59		n.a.
T 23	23 39	11 33	2 36	20 41	1 18	11 51	3 19	1 47	0 17	3 34	1 20	21 19	1 14	5 19	0 34	18 39	0 46	26 11	2 29	18 50	18 30	10 57		n.a.
F 24	23 41	6 57	3 37	20 22	1 31	12 10	3 19	1 33	0 19	3 37	1 21	21 17	1 14	5 19	0 34	18 40	0 46	26 11	2 29	18 49	18 31	10 56		n.a.
S 25	23 42	2 0	4 25	20 4	1 44	12 28	3 18	1 19	0 20	3 40	1 21	21 16	1 14	5 19	0 33	18 40	0 46	26 11	2 29	18 49	18 32	10 54		n.a.
S 26	23 43	3s 0	4 57	19 46	1 57	12 47	3 17	1 5	0 21	3 42	1 21	21 14	1 14	5 19	0 33	18 40	0 46	26 12	2 29	18 50	18 32	10 52		n.a.
M27	23 44	7 47	5 10	19 29	2 11	13 6	3 16	0 51	0 23	3 45	1 21	21 13	1 14	5 19	0 33	18 41	0 46	26 12	2 29	18 51	18 33	10 50		n.a.
T 28	23 44	12 7	5 6	19 12	2 24	13 24	3 14	0 37	0 24	3 48	1 21	21 11	1 14	5 19	0 33	18 41	0 46	26 12	2 29	18 52	18 34	10 48		n.a.
W29	23 43	15 47	4 45	18 56	2 37	13 43	3 13	0 23	0 25	3 51	1 22	21 10	1 14	5 19	0 33	18 41	0 46	26 12	2 29	18 53	18 35	10 46		n.a.
T 30	23n42	18s34	4n 9	18n41	2s51	14n 1	3s12	0n 8	0s26	3n54	1s22	21n 8	1n14	5s19	0n33	18s42	0s46	26n12	2n29	18n55	18n36	10s45		n.a.

Julian Day Number = 1615286.5, Delta T = 03h50m48s
Ecliptic obliquity = 23°43'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'59, Lahiri = - 7°57'58 Julian Calendar 1 June 291 BCE == Greg. Calendar 28 May 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

JULY 291 BCE (-290) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 17 26	3♋21'09	26♐24	24♋33	17♉53	29♍12	13♈ 0	2♌12	14♎36	9°R58	27♊58	6°R16	7♌32	9♓13	n.a.	F 1
S 2	18 21 23	4°18'30	9♑10	24°R33	18°53	29°45	13° 7	2°19	14°37	9♒57	27°59	6♌12	7°29	9°20	n.a.	S 2
S 3	18 25 19	5°15'53	21°41	24°29	19°54	0♎19	13°14	2°26	14°37	9°56	28° 1	6°10	7°26	9°26	n.a.	S 3
M 4	18 29 16	6°13'16	3♒58	24°19	20°55	0°53	13°20	2°33	14°37	9°55	28° 2	6°D 9	7°23	9°33	n.a.	M 4
T 5	18 33 13	7°10'41	16° 3	24° 3	21°57	1°27	13°27	2°40	14°37	9°53	28° 4	6°10	7°20	9°40	n.a.	T 5
W 6	18 37 9	8° 8'07	27°59	23°43	22°58	2° 1	13°33	2°47	14°38	9°52	28° 6	6°11	7°16	9°46	n.a.	W 6
T 7	18 41 6	9° 5'34	9♓50	23°17	24° 1	2°35	13°40	2°54	14°38	9°51	28° 7	6°13	7°13	9°53	n.a.	T 7
F 8	18 45 2	10° 3'03	21°40	22°47	25° 3	3°10	13°46	3° 1	14°39	9°49	28° 9	6°14	7°10	10° 0	n.a.	F 8
S 9	18 48 59	11° 0'33	3♈33	22°12	26° 6	3°44	13°51	3° 8	14°39	9°48	28°11	6°15	7° 7	10° 6	n.a.	S 9
S 10	18 52 55	11°58'05	15°34	21°33	27° 8	4°19	13°57	3°16	14°40	9°46	28°12	6°R15	7° 4	10°13	n.a.	S 10
M11	18 56 52	12°55'38	27°48	20°50	28°12	4°55	14° 3	3°23	14°41	9°45	28°14	6°15	7° 0	10°20	n.a.	M11
T 12	19 0 48	13°53'13	10♉20	20° 4	29°15	5°30	14° 8	3°30	14°41	9°44	28°16	6°13	6°57	10°26	n.a.	T 12
W13	19 4 45	14°50'50	23°13	19°16	0♊19	6° 5	14°13	3°37	14°42	9°42	28°17	6°10	6°54	10°33	n.a.	W13
T 14	19 8 42	15°48'28	6♊29	18°27	1°23	6°41	14°18	3°45	14°43	9°41	28°19	6° 7	6°51	10°40	n.a.	T 14
F 15	19 12 38	16°46'07	20° 9	17°37	2°27	7°17	14°23	3°52	14°44	9°39	28°20	6° 5	6°48	10°47	n.a.	F 15
S 16	19 16 35	17°43'49	4♋11	16°47	3°31	7°53	14°28	3°59	14°45	9°38	28°22	6° 2	6°45	10°53	n.a.	S 16
S 17	19 20 31	18°41'32	18°33	15°59	4°36	8°29	14°33	4° 7	14°46	9°36	28°24	6° 1	6°41	11° 0	n.a.	S 17
M18	19 24 28	19°39'16	3♌ 8	15°13	5°41	9° 6	14°37	4°14	14°47	9°35	28°25	6°D 0	6°38	11° 7	n.a.	M18
T 19	19 28 24	20°37'02	17°50	14°30	6°46	9°43	14°41	4°21	14°48	9°33	28°27	6° 0	6°35	11°13	n.a.	T 19
W20	19 32 21	21°34'49	2♍34	13°51	7°51	10°19	14°45	4°29	14°49	9°32	28°28	6° 1	6°32	11°20	n.a.	W20
T 21	19 36 17	22°32'37	17°12	13°18	8°57	10°56	14°49	4°36	14°50	9°30	28°30	6° 2	6°29	11°27	n.a.	T 21
F 22	19 40 14	23°30'26	1♎39	12°50	10° 2	11°34	14°53	4°44	14°51	9°28	28°31	6° 3	6°26	11°33	n.a.	F 22
S 23	19 44 11	24°28'17	15°53	12°29	11° 8	12°11	14°56	4°51	14°52	9°27	28°33	6° 4	6°22	11°40	n.a.	S 23
S 24	19 48 7	25°26'09	29°51	12°15	12°14	12°49	14°59	4°58	14°54	9°25	28°34	6°R 4	6°19	11°47	n.a.	S 24
M25	19 52 4	26°24'03	13♏32	12°D 8	13°21	13°26	15° 2	5° 6	14°55	9°24	28°36	6° 3	6°16	11°53	n.a.	M25
T 26	19 56 0	27°21'57	26°56	12° 9	14°27	14° 4	15° 5	5°13	14°57	9°22	28°37	6° 3	6°13	12° 0	n.a.	T 26
W27	19 59 57	28°19'54	10♐ 5	12°18	15°34	14°42	15° 8	5°21	14°58	9°21	28°39	6° 2	6°10	12° 7	n.a.	W27
T 28	20 3 53	29°17'52	22°58	12°35	16°41	15°20	15°11	5°28	15° 0	9°19	28°40	6° 1	6° 6	12°13	n.a.	T 28
F 29	20 7 50	0♌15'51	5♑38	13° 0	17°48	15°58	15°13	5°36	15° 1	9°17	28°42	6° 0	6° 3	12°20	n.a.	F 29
S 30	20 11 46	1°13'52	18° 5	13°33	18°55	16°37	15°15	5°43	15° 3	9°16	28°43	6° 0	6° 0	12°27	n.a.	S 30
S 31	20 15 43	2♌11'55	0♒21	14♋14	20♊ 2	17♎15	15♈17	5♌51	15♎ 4	9♒14	28♊45	5°D59	5♌57	12♓33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n41	20s21	3n20	18n27	3s 4	14n20	3s10	0s 6	0s28	3n56	1s22	21n 7	1n14	5s19	0n33	18s42	0s46	26n12	2n29	18n56	18n36	10s43		n.a.
S 2	23 39	21 2	2 22	18 15	3 17	14 38	3 8	0 21	0 29	3 59	1 22	21 5	1 14	5 19	0 33	18 42	0 46	26 12	2 29	18 57	18 37	10 41		n.a.
S 3	23 37	20 40	1 18	18 3	3 29	14 56	3 7	0 35	0 30	4 1	1 23	21 3	1 14	5 19	0 33	18 43	0 46	26 12	2 29	18 57	18 38	10 39		n.a.
M 4	23 35	19 18	0 12	17 53	3 41	15 14	3 5	0 50	0 31	4 4	1 23	21 2	1 14	5 19	0 33	18 43	0 46	26 12	2 29	18 58	18 39	10 37		n.a.
T 5	23 32	17 5	0s54	17 45	3 52	15 32	3 3	1 4	0 32	4 6	1 23	21 0	1 14	5 19	0 33	18 43	0 46	26 12	2 30	18 58	18 40	10 35		n.a.
W 6	23 29	14 9	1 57	17 38	4 2	15 50	3 1	1 19	0 34	4 8	1 23	20 59	1 14	5 20	0 33	18 44	0 46	26 13	2 30	18 57	18 41	10 33		n.a.
T 7	23 25	10 40	2 55	17 33	4 12	16 7	2 58	1 34	0 35	4 10	1 23	20 57	1 14	5 20	0 33	18 44	0 46	26 13	2 30	18 57	18 41	10 31		n.a.
F 8	23 21	6 47	3 45	17 30	4 20	16 25	2 56	1 49	0 36	4 13	1 24	20 55	1 14	5 20	0 33	18 45	0 46	26 13	2 30	18 56	18 42	10 30		n.a.
S 9	23 16	2 37	4 25	17 29	4 27	16 42	2 54	2 4	0 37	4 15	1 24	20 54	1 14	5 20	0 33	18 45	0 46	26 13	2 30	18 56	18 43	10 28		n.a.
S 10	23 11	1n40	4 55	17 29	4 33	16 59	2 51	2 19	0 38	4 17	1 24	20 52	1 14	5 21	0 33	18 45	0 46	26 13	2 30	18 56	18 44	10 26		n.a.
M11	23 6	5 58	5 12	17 31	4 38	17 15	2 49	2 34	0 39	4 19	1 24	20 50	1 14	5 21	0 33	18 46	0 46	26 13	2 30	18 56	18 45	10 24		n.a.
T 12	23 0	10 8	5 14	17 35	4 40	17 32	2 46	2 49	0 40	4 21	1 25	20 49	1 14	5 21	0 33	18 46	0 46	26 13	2 30	18 57	18 45	10 22		n.a.
W13	22 53	13 56	5 1	17 41	4 41	17 48	2 43	3 5	0 41	4 22	1 25	20 47	1 14	5 21	0 33	18 47	0 46	26 13	2 30	18 57	18 46	10 20		n.a.
T 14	22 47	17 11	4 32	17 49	4 40	18 4	2 41	3 20	0 42	4 24	1 25	20 45	1 14	5 22	0 33	18 47	0 46	26 13	2 30	18 58	18 47	10 18		n.a.
F 15	22 40	19 35	3 47	17 58	4 37	18 19	2 38	3 35	0 43	4 26	1 25	20 43	1 14	5 22	0 33	18 48	0 46	26 13	2 30	18 59	18 48	10 16		n.a.
S 16	22 32	20 53	2 47	18 9	4 33	18 35	2 35	3 51	0 44	4 28	1 25	20 42	1 14	5 23	0 33	18 48	0 46	26 14	2 30	18 59	18 49	10 15		n.a.
S 17	22 24	20 51	1 35	18 21	4 26	18 50	2 32	4 6	0 45	4 29	1 26	20 40	1 14	5 23	0 33	18 48	0 46	26 14	2 31	19 0	18 50	10 13		n.a.
M18	22 16	19 26	0 16	18 35	4 18	19 4	2 29	4 21	0 46	4 31	1 26	20 38	1 15	5 23	0 33	18 49	0 46	26 14	2 31	19 0	18 50	10 11		n.a.
T 19	22 8	16 42	1n 5	18 49	4 8	19 18	2 26	4 37	0 47	4 32	1 26	20 37	1 15	5 24	0 33	18 49	0 46	26 14	2 31	19 0	18 51	10 9		n.a.
W20	21 58	12 53	2 22	19 5	3 56	19 32	2 23	4 52	0 48	4 33	1 26	20 35	1 15	5 24	0 33	18 50	0 46	26 14	2 31	19 0	18 52	10 7		n.a.
T 21	21 49	8 19	3 29	19 21	3 43	19 46	2 20	5 8	0 49	4 35	1 27	20 33	1 15	5 25	0 33	18 50	0 46	26 14	2 31	18 59	18 53	10 5		n.a.
F 22	21 39	3 20	4 22	19 38	3 29	19 59	2 16	5 24	0 50	4 36	1 27	20 31	1 15	5 25	0 33	18 51	0 47	26 14	2 31	18 59	18 54	10 3		n.a.
S 23	21 29	1s45	4 58	19 55	3 14	20 11	2 13	5 39	0 51	4 37	1 27	20 30	1 15	5 26	0 32	18 51	0 47	26 14	2 31	18 59	18 54	10 1		n.a.
S 24	21 19	6 38	5 15	20 12	2 58	20 24	2 10	5 55	0 52	4 38	1 27	20 28	1 15	5 26	0 32	18 51	0 47	26 14	2 31	18 59	18 55	9 59		n.a.
M25	21 8	11 6	5 14	20 29	2 41	20 35	2 6	6 11	0 53	4 39	1 28	20 26	1 15	5 27	0 32	18 52	0 47	26 15	2 31	18 59	18 56	9 57		n.a.
T 26	20 56	14 54	4 56	20 46	2 24	20 47	2 3	6 26	0 54	4 40	1 28	20 24	1 15	5 28	0 32	18 52	0 47	26 15	2 31	18 59	18 57	9 55		n.a.
W27	20 45	17 54	4 23	21 3	2 7	20 58	1 59	6 42	0 55	4 41	1 28	20 22	1 15	5 28	0 32	18 53	0 47	26 15	2 32	19 0	18 58	9 53		n.a.
T 28	20 33	19 56	3 37	21 19	1 49	21 8	1 56	6 58	0 56	4 41	1 28	20 21	1 15	5 29	0 32	18 53	0 47	26 15	2 32	19 0	18 58	9 52		n.a.
F 29	20 20	20 56	2 41	21 34	1 32	21 18	1 52	7 13	0 56	4 42	1 29	20 19	1 15	5 29	0 32	18 54	0 47	26 15	2 32	19 0	18 59	9 50		n.a.
S 30	20 8	20 52	1 38	21 48	1 14	21 27	1 49	7 29	0 57	4 43	1 29	20 17	1 15	5 30	0 32	18 54	0 47	26 15	2 32	19 0	19 0	9 48		n.a.
S 31	19n55	19s49	0n31	22n 0	0s57	21n36	1s45	7s45	0s58	4n43	1s29	20n15	1n15	5s31	0n32	18s55	0s47	26n15	2n32	19n 0	19n 1	9s46		n.a.

Julian Day Number = 1615316.5, Delta T = 03h50m47s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'55, Lahiri = - 7°57'54 Julian Calendar 1 July 291 BCE == Greg. Calendar 27 June 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

AUGUST 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 19 40	3♌ 9'59	12♒27	15♋ 3	21♊10	17♎54	15♈19	5♌58	15♎ 6	9°R12	28♊46	5♌59	5♌54	12♓40	n.a.	M 1
T 2	20 23 36	4° 8'06	24°25	15°59	22°18	18°33	15°20	6° 6	15° 8	9♒11	28°47	5°59	5°51	12°47	n.a.	T 2
W 3	20 27 33	5° 6'14	6♓18	17° 2	23°25	19°12	15°22	6°14	15°10	9° 9	28°49	6° 0	5°47	12°53	n.a.	W 3
T 4	20 31 29	6° 4'24	18° 7	18°12	24°34	19°51	15°23	6°21	15°12	9° 7	28°50	6°R 0	5°44	13° 0	n.a.	T 4
F 5	20 35 26	7° 2'36	29°57	19°29	25°42	20°31	15°24	6°29	15°13	9° 6	28°52	6° 0	5°41	13° 7	n.a.	F 5
S 6	20 39 22	8° 0'50	11♈50	20°50	26°50	21°10	15°25	6°36	15°15	9° 4	28°53	5°59	5°38	13°13	n.a.	S 6
S 7	20 43 19	8°59'07	23°50	22°18	27°59	21°50	15°25	6°44	15°17	9° 3	28°54	5°59	5°35	13°20	n.a.	S 7
M 8	20 47 15	9°57'25	6♉ 3	23°49	29° 7	22°29	15°25	6°51	15°19	9° 1	28°56	5°D59	5°32	13°27	n.a.	M 8
T 9	20 51 12	10°55'46	18°31	25°26	0♋16	23° 9	15°R26	6°59	15°21	8°59	28°57	5°59	5°28	13°33	n.a.	T 9
W10	20 55 8	11°54'09	1♊20	27° 5	1°25	23°49	15°26	7° 6	15°24	8°58	28°58	5°59	5°25	13°40	n.a.	W10
T 11	20 59 5	12°52'34	14°33	28°48	2°34	24°29	15°25	7°14	15°26	8°56	29° 0	6° 0	5°22	13°47	n.a.	T 11
F 12	21 3 2	13°51'02	28°12	0♌34	3°44	25° 9	15°25	7°21	15°28	8°54	29° 1	6° 1	5°19	13°53	n.a.	F 12
S 13	21 6 58	14°49'31	12♋17	2°21	4°53	25°50	15°24	7°29	15°30	8°53	29° 2	6° 1	5°16	14° 0	n.a.	S 13
S 14	21 10 55	15°48'03	26°46	4°10	6° 2	26°30	15°24	7°36	15°32	8°51	29° 3	6° 2	5°12	14° 7	n.a.	S 14
M15	21 14 51	16°46'37	11♌35	6° 1	7°12	27°11	15°22	7°44	15°35	8°49	29° 4	6°R 2	5° 9	14°13	n.a.	M15
T 16	21 18 48	17°45'13	26°37	7°53	8°22	27°52	15°21	7°51	15°37	8°48	29° 6	6° 1	5° 6	14°20	n.a.	T 16
W17	21 22 44	18°43'51	11♍43	9°45	9°32	28°33	15°20	7°59	15°40	8°46	29° 7	6° 0	5° 3	14°27	n.a.	W17
T 18	21 26 41	19°42'31	26°44	11°37	10°42	29°14	15°18	8° 6	15°42	8°44	29° 8	5°59	5° 0	14°33	n.a.	T 18
F 19	21 30 37	20°41'13	11♎31	13°30	11°52	29°55	15°16	8°13	15°45	8°43	29° 9	5°57	4°57	14°40	n.a.	F 19
S 20	21 34 34	21°39'57	25°59	15°23	13° 2	0♏36	15°14	8°21	15°47	8°41	29°10	5°55	4°53	14°47	n.a.	S 20
S 21	21 38 31	22°38'42	10♏ 5	17°15	14°13	1°17	15°12	8°28	15°50	8°40	29°11	5°54	4°50	14°53	n.a.	S 21
M22	21 42 27	23°37'29	23°46	19° 7	15°23	1°59	15°10	8°36	15°52	8°38	29°12	5°D54	4°47	15° 0	n.a.	M22
T 23	21 46 24	24°36'18	7♐ 4	20°58	16°34	2°40	15° 7	8°43	15°55	8°37	29°13	5°54	4°44	15° 7	n.a.	T 23
W24	21 50 20	25°35'09	20° 0	22°49	17°45	3°22	15° 4	8°50	15°58	8°35	29°14	5°55	4°41	15°13	n.a.	W24
T 25	21 54 17	26°34'02	2♑39	24°39	18°56	4° 4	15° 1	8°58	16° 0	8°33	29°15	5°57	4°37	15°20	n.a.	T 25
F 26	21 58 13	27°32'56	15° 3	26°28	20° 7	4°46	14°58	9° 5	16° 3	8°32	29°16	5°58	4°34	15°27	n.a.	F 26
S 27	22 2 10	28°31'53	27°15	28°17	21°18	5°28	14°54	9°12	16° 6	8°30	29°17	6° 0	4°31	15°34	n.a.	S 27
S 28	22 6 6	29°30'51	9♒18	0♍ 4	22°29	6°10	14°51	9°19	16° 9	8°29	29°18	6°R 0	4°28	15°40	n.a.	S 28
M29	22 10 3	0♍29'52	21°14	1°51	23°40	6°52	14°47	9°27	16°12	8°27	29°19	5°59	4°25	15°47	n.a.	M29
T 30	22 14 0	1°28'55	3♓ 7	3°37	24°52	7°34	14°43	9°34	16°15	8°26	29°20	5°57	4°22	15°54	n.a.	T 30
W31	22 17 56	2♍27'59	14♓57	5♍22	26♋ 3	8♏17	14♈39	9♌41	16♎17	8♒24	29♊21	5♌53	4♌18	16♓ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n41	17s51	0s36	22n11	0s41	21n45	1s41	8s 1	0s59	4n44	1s29	20n13	1n15	5s31	0n32	18s55	0s47	26n15	2n32	19n 0	19n 2	9s44		n.a.
T 2	19 27	15 7	1 41	22 21	0 25	21 53	1 38	8 16	1 0	4 44	1 30	20 11	1 15	5 32	0 32	18 56	0 47	26 16	2 32	19 0	19 2	9 42		n.a.
W 3	19 13	11 47	2 41	22 28	0 10	22 0	1 34	8 32	1 0	4 44	1 30	20 10	1 15	5 33	0 32	18 56	0 47	26 16	2 32	19 0	19 3	9 40		n.a.
T 4	18 59	8 1	3 33	22 33	0n 5	22 7	1 30	8 48	1 1	4 45	1 30	20 8	1 16	5 34	0 32	18 56	0 47	26 16	2 32	19 0	19 4	9 38		n.a.
F 5	18 44	3 57	4 17	22 36	0 18	22 13	1 27	9 4	1 2	4 45	1 30	20 6	1 16	5 34	0 32	18 57	0 47	26 16	2 32	19 0	19 5	9 36		n.a.
S 6	18 29	0n18	4 50	22 36	0 31	22 19	1 23	9 19	1 3	4 45	1 31	20 4	1 16	5 35	0 32	18 57	0 47	26 16	2 33	19 0	19 5	9 34		n.a.
S 7	18 14	4 33	5 10	22 34	0 43	22 24	1 19	9 35	1 4	4 45	1 31	20 2	1 16	5 36	0 32	18 58	0 47	26 16	2 33	19 0	19 6	9 32		n.a.
M 8	17 58	8 42	5 18	22 29	0 54	22 28	1 15	9 51	1 4	4 45	1 31	20 0	1 16	5 37	0 32	18 58	0 47	26 16	2 33	19 0	19 7	9 30		n.a.
T 9	17 42	12 35	5 10	22 21	1 3	22 32	1 11	10 6	1 5	4 45	1 31	19 58	1 16	5 38	0 32	18 59	0 47	26 16	2 33	19 0	19 8	9 28		n.a.
W10	17 26	16 0	4 47	22 11	1 12	22 36	1 8	10 22	1 6	4 44	1 31	19 57	1 16	5 39	0 32	18 59	0 47	26 16	2 33	19 0	19 9	9 26		n.a.
T 11	17 9	18 42	4 9	21 57	1 20	22 38	1 4	10 38	1 6	4 44	1 32	19 55	1 16	5 39	0 32	19 0	0 47	26 17	2 33	19 0	19 9	9 24		n.a.
F 12	16 52	20 28	3 15	21 41	1 27	22 40	1 0	10 53	1 7	4 44	1 32	19 53	1 16	5 40	0 32	19 0	0 47	26 17	2 33	19 0	19 10	9 22		n.a.
S 13	16 35	21 2	2 8	21 23	1 33	22 42	0 56	11 9	1 8	4 43	1 32	19 51	1 16	5 41	0 32	19 1	0 47	26 17	2 33	19 0	19 11	9 20		n.a.
S 14	16 18	20 13	0 51	21 2	1 38	22 43	0 53	11 24	1 8	4 43	1 32	19 49	1 16	5 42	0 32	19 1	0 47	26 17	2 33	19 0	19 12	9 18		n.a.
M15	16 0	18 1	0n31	20 38	1 42	22 43	0 49	11 40	1 9	4 42	1 33	19 47	1 16	5 43	0 32	19 1	0 47	26 17	2 34	18 59	19 13	9 16		n.a.
T 16	15 42	14 32	1 52	20 12	1 45	22 43	0 45	11 55	1 10	4 41	1 33	19 45	1 17	5 44	0 32	19 2	0 47	26 17	2 34	19 0	19 13	9 14		n.a.
W17	15 24	10 6	3 5	19 45	1 47	22 42	0 41	12 11	1 10	4 41	1 33	19 44	1 17	5 45	0 32	19 2	0 47	26 17	2 34	19 0	19 14	9 12		n.a.
T 18	15 5	5 4	4 5	19 15	1 49	22 40	0 38	12 26	1 11	4 40	1 33	19 42	1 17	5 46	0 32	19 3	0 47	26 17	2 34	19 0	19 15	9 10		n.a.
F 19	14 46	0s12	4 48	18 43	1 50	22 38	0 34	12 41	1 11	4 39	1 34	19 40	1 17	5 47	0 32	19 3	0 47	26 18	2 34	19 1	19 16	9 8		n.a.
S 20	14 27	5 19	5 12	18 10	1 50	22 35	0 30	12 57	1 12	4 38	1 34	19 38	1 17	5 48	0 32	19 4	0 47	26 18	2 34	19 1	19 16	9 6		n.a.
S 21	14 8	10 2	5 15	17 35	1 49	22 31	0 27	13 12	1 13	4 37	1 34	19 36	1 17	5 49	0 32	19 4	0 47	26 18	2 34	19 1	19 17	9 4		n.a.
M22	13 48	14 5	5 1	16 59	1 48	22 27	0 23	13 27	1 13	4 36	1 34	19 34	1 17	5 50	0 31	19 4	0 47	26 18	2 34	19 1	19 18	9 2		n.a.
T 23	13 29	17 18	4 31	16 21	1 46	22 22	0 19	13 42	1 14	4 35	1 34	19 32	1 17	5 51	0 31	19 5	0 47	26 18	2 35	19 1	19 19	9 0		n.a.
W24	13 9	19 34	3 47	15 43	1 44	22 17	0 16	13 57	1 14	4 33	1 35	19 31	1 17	5 52	0 31	19 5	0 47	26 18	2 35	19 1	19 20	8 58		n.a.
T 25	12 49	20 48	2 54	15 3	1 41	22 10	0 12	14 12	1 15	4 32	1 35	19 29	1 17	5 53	0 31	19 6	0 47	26 18	2 35	19 1	19 20	8 56		n.a.
F 26	12 28	21 0	1 53	14 23	1 38	22 4	0 9	14 27	1 15	4 30	1 35	19 27	1 18	5 54	0 31	19 6	0 47	26 18	2 35	19 0	19 21	8 54		n.a.
S 27	12 8	20 11	0 48	13 42	1 35	21 56	0 5	14 42	1 16	4 29	1 35	19 25	1 18	5 56	0 31	19 7	0 47	26 19	2 35	19 0	19 22	8 52		n.a.
S 28	11 47	18 26	0s18	13 0	1 31	21 48	0 2	14 56	1 16	4 27	1 35	19 23	1 18	5 57	0 31	19 7	0 47	26 19	2 35	19 0	19 23	8 50		n.a.
M29	11 26	15 54	1 23	12 17	1 26	21 39	0n 2	15 11	1 17	4 26	1 36	19 21	1 18	5 58	0 31	19 7	0 47	26 19	2 35	19 0	19 23	8 48		n.a.
T 30	11 5	12 43	2 24	11 34	1 22	21 30	0 5	15 25	1 17	4 24	1 36	19 19	1 18	5 59	0 31	19 8	0 47	26 19	2 35	19 1	19 24	8 46		n.a.
W31	10n43	9s 2	3s18	10n51	1n17	21n20	0n 9	15s40	1s18	4n22	1s36	19n18	1n18	6s 0	0n31	19s 8	0s47	26n19	2n36	19n 2	19n25	8s44		n.a.

Julian Day Number = 1615347.5, Delta T = 03h50m46s
Ecliptic obliquity = 23°43'44, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'51, Lahiri = - 7°57'50 Julian Calendar 1 Aug. 291 BCE == Greg. Calendar 28 July 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

SEPTEMBER 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 21 53	3♍27'06	26♓47	7♍ 6	27♋15	8♏59	14°R35	9♌48	16♎20	8°R23	29♊22	5°R49	4♌15	16♓ 7	n.a.	T 1
F 2	22 25 49	4°26'15	8♈38	8°49	28°27	9°42	14♈30	9°55	16°23	8♒21	29°23	5♌44	4°12	16°14	n.a.	F 2
S 3	22 29 46	5°25'27	20°34	10°32	29°38	10°25	14°26	10° 2	16°26	8°20	29°24	5°38	4° 9	16°20	n.a.	S 3
S 4	22 33 42	6°24'41	2♉36	12°14	0♌50	11° 8	14°21	10° 9	16°30	8°19	29°24	5°34	4° 6	16°27	n.a.	S 4
M 5	22 37 39	7°23'57	14°49	13°54	2° 2	11°50	14°16	10°16	16°33	8°17	29°25	5°30	4° 3	16°34	n.a.	M 5
T 6	22 41 35	8°23'16	27°15	15°34	3°15	12°33	14°10	10°23	16°36	8°16	29°26	5°28	3°59	16°40	n.a.	T 6
W 7	22 45 32	9°22'37	9♊59	17°14	4°27	13°17	14° 5	10°30	16°39	8°14	29°27	5°D28	3°56	16°47	n.a.	W 7
T 8	22 49 28	10°22'00	23° 4	18°52	5°39	14° 0	14° 0	10°37	16°42	8°13	29°27	5°28	3°53	16°54	n.a.	T 8
F 9	22 53 25	11°21'26	6♋33	20°30	6°52	14°43	13°54	10°44	16°45	8°12	29°28	5°30	3°50	17° 0	n.a.	F 9
S 10	22 57 22	12°20'55	20°30	22° 7	8° 4	15°26	13°48	10°51	16°48	8°10	29°29	5°31	3°47	17° 7	n.a.	S 10
S 11	23 1 18	13°20'26	4♌53	23°43	9°17	16°10	13°42	10°58	16°52	8° 9	29°29	5°R32	3°43	17°14	n.a.	S 11
M12	23 5 15	14°19'59	19°40	25°18	10°29	16°53	13°36	11° 4	16°55	8° 8	29°30	5°31	3°40	17°20	n.a.	M12
T 13	23 9 11	15°19'34	4♍46	26°53	11°42	17°37	13°30	11°11	16°58	8° 7	29°31	5°28	3°37	17°27	n.a.	T 13
W14	23 13 8	16°19'12	20° 2	28°27	12°55	18°21	13°23	11°18	17° 2	8° 5	29°31	5°24	3°34	17°34	n.a.	W14
T 15	23 17 4	17°18'52	5♎18	0♎ 0	14° 8	19° 4	13°17	11°24	17° 5	8° 4	29°32	5°18	3°31	17°40	n.a.	T 15
F 16	23 21 1	18°18'33	20°22	1°33	15°21	19°48	13°10	11°31	17° 8	8° 3	29°32	5°11	3°28	17°47	n.a.	F 16
S 17	23 24 57	19°18'17	5♏ 6	3° 5	16°34	20°32	13° 3	11°37	17°12	8° 2	29°33	5° 5	3°24	17°54	n.a.	S 17
S 18	23 28 54	20°18'02	19°24	4°37	17°47	21°16	12°56	11°44	17°15	8° 1	29°33	5° 0	3°21	18° 1	n.a.	S 18
M19	23 32 51	21°17'50	3♐14	6° 8	19° 1	22° 1	12°49	11°50	17°19	8° 0	29°34	4°56	3°18	18° 7	n.a.	M19
T 20	23 36 47	22°17'39	16°34	7°38	20°14	22°45	12°42	11°57	17°22	7°59	29°34	4°D54	3°15	18°14	n.a.	T 20
W21	23 40 44	23°17'30	29°29	9° 7	21°27	23°29	12°35	12° 3	17°26	7°58	29°34	4°54	3°12	18°21	n.a.	W21
T 22	23 44 40	24°17'23	12♑ 2	10°36	22°41	24°13	12°27	12° 9	17°29	7°57	29°35	4°55	3° 9	18°27	n.a.	T 22
F 23	23 48 37	25°17'17	24°18	12° 4	23°54	24°58	12°20	12°15	17°33	7°56	29°35	4°57	3° 5	18°34	n.a.	F 23
S 24	23 52 33	26°17'14	6♒21	13°32	25° 8	25°42	12°12	12°21	17°36	7°55	29°35	4°R57	3° 2	18°41	n.a.	S 24
S 25	23 56 30	27°17'12	18°16	14°59	26°21	26°27	12° 5	12°27	17°40	7°54	29°36	4°56	2°59	18°47	n.a.	S 25
M26	0 0 26	28°17'12	0♓ 7	16°25	27°35	27°11	11°57	12°33	17°43	7°53	29°36	4°53	2°56	18°54	n.a.	M26
T 27	0 4 23	29°17'14	11°56	17°51	28°49	27°56	11°49	12°39	17°47	7°52	29°36	4°47	2°53	19° 1	n.a.	T 27
W28	0 8 19	0♎17'17	23°46	19°15	0♍ 3	28°41	11°42	12°45	17°51	7°51	29°36	4°39	2°49	19° 7	n.a.	W28
T 29	0 12 16	1°17'23	5♈39	20°39	1°17	29°26	11°34	12°51	17°54	7°50	29°37	4°29	2°46	19°14	n.a.	T 29
F 30	0 16 13	2♎17'30	17♈36	22♎ 2	2♍31	0♐11	11♈26	12♌57	17♎58	7♒49	29♊37	4♌17	2♌43	19♓21	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n22	5s 1	4s 3	10n 7	1n12	21n 9	0n12	15s54	1s18	4n20	1s36	19n16	1n18	6s 1	0n31	19s 9	0s47	26n19	2n36	19n 3	19n26	8s42		n.a.
F 2	10 0	0 48	4 39	9 23	1 6	20 58	0 15	16 8	1 19	4 18	1 36	19 14	1 18	6 2	0 31	19 9	0 47	26 19	2 36	19 4	19 26	8 40		n.a.
S 3	9 38	3n28	5 2	8 39	1 1	20 46	0 18	16 22	1 19	4 16	1 36	19 12	1 18	6 4	0 31	19 9	0 47	26 20	2 36	19 5	19 27	8 38		n.a.
S 4	9 16	7 39	5 12	7 54	0 55	20 34	0 22	16 36	1 20	4 14	1 37	19 10	1 19	6 5	0 31	19 10	0 47	26 20	2 36	19 6	19 28	8 36		n.a.
M 5	8 54	11 34	5 8	7 9	0 49	20 21	0 25	16 50	1 20	4 12	1 37	19 9	1 19	6 6	0 31	19 10	0 47	26 20	2 36	19 7	19 29	8 34		n.a.
T 6	8 31	15 4	4 50	6 25	0 43	20 7	0 28	17 4	1 20	4 10	1 37	19 7	1 19	6 7	0 31	19 10	0 47	26 20	2 36	19 8	19 29	8 32		n.a.
W 7	8 9	17 58	4 18	5 40	0 37	19 53	0 31	17 18	1 21	4 8	1 37	19 5	1 19	6 9	0 31	19 11	0 47	26 20	2 36	19 8	19 30	8 30		n.a.
T 8	7 46	20 2	3 31	4 55	0 30	19 38	0 34	17 31	1 21	4 6	1 37	19 3	1 19	6 10	0 31	19 11	0 47	26 20	2 37	19 8	19 31	8 28		n.a.
F 9	7 23	21 3	2 31	4 10	0 24	19 23	0 37	17 45	1 22	4 3	1 37	19 1	1 19	6 11	0 31	19 11	0 47	26 20	2 37	19 8	19 32	8 26		n.a.
S 10	7 1	20 49	1 21	3 26	0 17	19 7	0 40	17 58	1 22	4 1	1 38	19 0	1 19	6 12	0 31	19 12	0 47	26 20	2 37	19 7	19 32	8 24		n.a.
S 11	6 37	19 13	0 4	2 41	0 10	18 50	0 43	18 11	1 22	3 58	1 38	18 58	1 20	6 14	0 31	19 12	0 47	26 21	2 37	19 7	19 33	8 22		n.a.
M12	6 14	16 18	1n16	1 57	0 4	18 33	0 45	18 24	1 23	3 56	1 38	18 56	1 20	6 15	0 31	19 12	0 47	26 21	2 37	19 7	19 34	8 20		n.a.
T 13	5 51	12 14	2 32	1 12	0s 3	18 15	0 48	18 37	1 23	3 53	1 38	18 54	1 20	6 16	0 31	19 13	0 47	26 21	2 37	19 8	19 35	8 18		n.a.
W14	5 28	7 19	3 38	0 28	0 10	17 57	0 51	18 50	1 23	3 51	1 38	18 53	1 20	6 18	0 31	19 13	0 47	26 21	2 37	19 9	19 35	8 16		n.a.
T 15	5 4	1 58	4 28	0s16	0 17	17 38	0 53	19 2	1 24	3 48	1 38	18 51	1 20	6 19	0 31	19 13	0 47	26 21	2 37	19 10	19 36	8 13		n.a.
F 16	4 41	3s27	4 59	0 59	0 24	17 19	0 56	19 15	1 24	3 45	1 38	18 49	1 20	6 20	0 31	19 14	0 47	26 21	2 38	19 12	19 37	8 11		n.a.
S 17	4 17	8 32	5 9	1 43	0 31	16 59	0 58	19 27	1 24	3 43	1 38	18 48	1 20	6 22	0 31	19 14	0 47	26 21	2 38	19 14	19 38	8 9		n.a.
S 18	3 53	12 59	4 59	2 26	0 38	16 39	1 1	19 39	1 24	3 40	1 38	18 46	1 21	6 23	0 31	19 14	0 47	26 22	2 38	19 15	19 38	8 7		n.a.
M19	3 29	16 36	4 32	3 9	0 45	16 18	1 3	19 51	1 25	3 37	1 38	18 44	1 21	6 24	0 31	19 15	0 47	26 22	2 38	19 16	19 39	8 5		n.a.
T 20	3 6	19 12	3 51	3 51	0 51	15 57	1 5	20 3	1 25	3 34	1 38	18 43	1 21	6 26	0 31	19 15	0 47	26 22	2 38	19 16	19 40	8 3		n.a.
W21	2 42	20 44	3 0	4 33	0 58	15 35	1 7	20 15	1 25	3 31	1 39	18 41	1 21	6 27	0 31	19 15	0 47	26 22	2 38	19 16	19 41	8 1		n.a.
T 22	2 18	21 11	2 1	5 14	1 5	15 13	1 9	20 26	1 25	3 28	1 39	18 39	1 21	6 28	0 31	19 15	0 47	26 22	2 38	19 16	19 41	7 59		n.a.
F 23	1 54	20 35	0 57	5 55	1 12	14 50	1 12	20 37	1 26	3 25	1 39	18 38	1 21	6 30	0 31	19 16	0 47	26 22	2 39	19 16	19 42	7 57		n.a.
S 24	1 30	19 2	0s 8	6 36	1 18	14 27	1 13	20 48	1 26	3 22	1 39	18 36	1 22	6 31	0 31	19 16	0 47	26 22	2 39	19 15	19 43	7 55		n.a.
S 25	1 5	16 40	1 11	7 16	1 25	14 4	1 15	20 59	1 26	3 19	1 39	18 35	1 22	6 32	0 31	19 16	0 47	26 23	2 39	19 16	19 44	7 53		n.a.
M26	0 41	13 36	2 11	7 56	1 31	13 40	1 17	21 10	1 26	3 16	1 39	18 33	1 22	6 34	0 31	19 16	0 47	26 23	2 39	19 17	19 44	7 51		n.a.
T 27	0 17	10 1	3 5	8 35	1 37	13 16	1 19	21 20	1 26	3 13	1 39	18 31	1 22	6 35	0 31	19 17	0 47	26 23	2 39	19 18	19 45	7 48		n.a.
W28	0s 7	6 2	3 51	9 13	1 43	12 51	1 21	21 31	1 27	3 10	1 39	18 30	1 22	6 37	0 31	19 17	0 47	26 23	2 39	19 20	19 46	7 46		n.a.
T 29	0 31	1 48	4 27	9 51	1 49	12 26	1 22	21 41	1 27	3 7	1 39	18 28	1 22	6 38	0 31	19 17	0 47	26 23	2 39	19 22	19 47	7 44		n.a.
F 30	0s55	2n31	4s51	10s28	1s55	12n 0	1n24	21s51	1s27	3n 4	1s39	18n27	1n23	6s39	0n31	19s17	0s47	26n23	2n40	19n25	19n47	7s42		n.a.

Julian Day Number = 1615378.5, Delta T = 03h50m45s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'46, Lahiri = - 7°57'46 Julian Calendar 1 Sept. 291 BCE == Greg. Calendar 28 Aug. 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

OCTOBER 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 20 9	3♎17'40	29♈40	23♎25	3♍45	0♐56	11°R18	13♌ 3	18♎ 2	7°R49	29♊37	4°R 6	2♌40	19♓27	n.a.	S 1
S 2	0 24 6	4°17'52	11♉50	24°46	4°59	1°41	11♈10	13° 8	18° 5	7♒48	29°37	3♌55	2°37	19°34	n.a.	S 2
M 3	0 28 2	5°18'05	24° 9	26° 6	6°13	2°26	11° 2	13°14	18° 9	7°47	29°37	3°46	2°34	19°41	n.a.	M 3
T 4	0 31 59	6°18'21	6♊39	27°25	7°27	3°11	10°53	13°19	18°13	7°46	29°37	3°39	2°30	19°47	n.a.	T 4
W 5	0 35 55	7°18'39	19°23	28°43	8°41	3°56	10°45	13°25	18°16	7°46	29°R37	3°35	2°27	19°54	n.a.	W 5
T 6	0 39 52	8°18'59	2♋23	29°59	9°56	4°41	10°37	13°30	18°20	7°45	29°37	3°34	2°24	20° 1	n.a.	T 6
F 7	0 43 48	9°19'22	15°44	1♏15	11°10	5°26	10°29	13°36	18°24	7°45	29°37	3°D34	2°21	20° 8	n.a.	F 7
S 8	0 47 45	10°19'46	29°28	2°28	12°24	6°12	10°21	13°41	18°27	7°44	29°37	3°R34	2°18	20°14	n.a.	S 8
S 9	0 51 42	11°20'13	13♌36	3°40	13°39	6°57	10°13	13°46	18°31	7°43	29°37	3°34	2°14	20°21	n.a.	S 9
M10	0 55 38	12°20'41	28° 8	4°49	14°53	7°43	10° 4	13°51	18°35	7°43	29°37	3°32	2°11	20°28	n.a.	M10
T 11	0 59 35	13°21'11	13♍ 1	5°56	16° 8	8°28	9°56	13°56	18°39	7°42	29°37	3°27	2° 8	20°34	n.a.	T 11
W12	1 3 31	14°21'44	28° 9	7° 1	17°22	9°14	9°48	14° 1	18°42	7°42	29°36	3°19	2° 5	20°41	n.a.	W12
T 13	1 7 28	15°22'18	13♎22	8° 3	18°37	9°59	9°40	14° 6	18°46	7°42	29°36	3° 9	2° 2	20°48	n.a.	T 13
F 14	1 11 24	16°22'53	28°29	9° 1	19°52	10°45	9°32	14°11	18°50	7°41	29°36	2°58	1°59	20°54	n.a.	F 14
S 15	1 15 21	17°23'31	13♏20	9°56	21° 6	11°31	9°24	14°15	18°54	7°41	29°36	2°47	1°55	21° 1	n.a.	S 15
S 16	1 19 17	18°24'09	27°47	10°46	22°21	12°17	9°16	14°20	18°57	7°41	29°36	2°37	1°52	21° 8	n.a.	S 16
M17	1 23 14	19°24'50	11♐45	11°32	23°36	13° 2	9° 8	14°25	19° 1	7°40	29°35	2°30	1°49	21°14	n.a.	M17
T 18	1 27 11	20°25'31	25°13	12°13	24°51	13°48	9° 0	14°29	19° 5	7°40	29°35	2°25	1°46	21°21	n.a.	T 18
W19	1 31 7	21°26'14	8♑12	12°47	26° 6	14°34	8°52	14°33	19° 9	7°40	29°35	2°23	1°43	21°28	n.a.	W19
T 20	1 35 4	22°26'58	20°47	13°15	27°20	15°20	8°45	14°38	19°12	7°40	29°34	2°D22	1°40	21°35	n.a.	T 20
F 21	1 39 0	23°27'43	3♒ 3	13°35	28°35	16° 6	8°37	14°42	19°16	7°40	29°34	2°R22	1°36	21°41	n.a.	F 21
S 22	1 42 57	24°28'30	15° 4	13°48	29°50	16°52	8°29	14°46	19°20	7°40	29°33	2°22	1°33	21°48	n.a.	S 22
S 23	1 46 53	25°29'17	26°57	13°R51	1♎ 5	17°38	8°22	14°50	19°24	7°40	29°33	2°20	1°30	21°55	n.a.	S 23
M24	1 50 50	26°30'06	8♓46	13°45	2°20	18°24	8°14	14°54	19°27	7°D39	29°33	2°15	1°27	22° 1	n.a.	M24
T 25	1 54 46	27°30'55	20°35	13°28	3°35	19°11	8° 7	14°58	19°31	7°39	29°32	2° 7	1°24	22° 8	n.a.	T 25
W26	1 58 43	28°31'46	2♈27	13° 1	4°50	19°57	8° 0	15° 1	19°35	7°40	29°31	1°57	1°20	22°15	n.a.	W26
T 27	2 2 39	29°32'38	14°25	12°23	6° 5	20°43	7°53	15° 5	19°38	7°40	29°31	1°44	1°17	22°21	n.a.	T 27
F 28	2 6 36	0♏33'32	26°32	11°34	7°20	21°29	7°46	15° 9	19°42	7°40	29°30	1°29	1°14	22°28	n.a.	F 28
S 29	2 10 33	1°34'26	8♉46	10°35	8°36	22°15	7°39	15°12	19°46	7°40	29°30	1°14	1°11	22°35	n.a.	S 29
S 30	2 14 29	2°35'22	21°10	9°27	9°51	23° 2	7°32	15°16	19°49	7°40	29°29	1° 1	1° 8	22°41	n.a.	S 30
M31	2 18 26	3♏36'19	3♊43	8♏12	11♎ 6	23♐48	7♈26	15♌19	19♎53	7♒40	29♊29	0♌49	1♌ 5	22♓48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s20	6n46	5s 3	11s 4	2s 1	11n35	1n25	22s 1	1s27	3n 0	1s39	18n25	1n23	6s41	0n31	19s17	0s47	26n23	2n40	19n28	19n48	7s40		n.a.
S 2	1 44	10 48	5 1	11 39	2 6	11 8	1 27	22 10	1 27	2 57	1 39	18 24	1 23	6 42	0 31	19 18	0 47	26 24	2 40	19 31	19 49	7 38		n.a.
M 3	2 8	14 26	4 45	12 14	2 11	10 42	1 28	22 19	1 27	2 54	1 39	18 23	1 23	6 44	0 31	19 18	0 47	26 24	2 40	19 33	19 50	7 36		n.a.
T 4	2 32	17 29	4 15	12 47	2 16	10 15	1 29	22 28	1 27	2 51	1 39	18 21	1 23	6 45	0 31	19 18	0 47	26 24	2 40	19 34	19 50	7 34		n.a.
W 5	2 56	19 46	3 33	13 20	2 21	9 48	1 30	22 37	1 27	2 48	1 39	18 20	1 24	6 47	0 31	19 18	0 47	26 24	2 40	19 35	19 51	7 32		n.a.
T 6	3 20	21 4	2 38	13 52	2 25	9 21	1 31	22 46	1 28	2 45	1 39	18 18	1 24	6 48	0 31	19 18	0 47	26 24	2 40	19 36	19 52	7 29		n.a.
F 7	3 44	21 14	1 34	14 22	2 29	8 53	1 32	22 54	1 28	2 41	1 39	18 17	1 24	6 49	0 31	19 18	0 47	26 24	2 41	19 36	19 52	7 27		n.a.
S 8	4 8	20 9	0 22	14 51	2 32	8 25	1 33	23 3	1 28	2 38	1 38	18 16	1 24	6 51	0 31	19 18	0 47	26 24	2 41	19 35	19 53	7 25		n.a.
S 9	4 32	17 47	0n53	15 19	2 35	7 57	1 34	23 10	1 28	2 35	1 38	18 14	1 24	6 52	0 31	19 19	0 47	26 25	2 41	19 36	19 54	7 23		n.a.
M10	4 56	14 14	2 7	15 46	2 38	7 29	1 35	23 18	1 28	2 32	1 38	18 13	1 24	6 54	0 31	19 19	0 47	26 25	2 41	19 36	19 55	7 21		n.a.
T 11	5 20	9 43	3 13	16 11	2 40	7 0	1 35	23 26	1 28	2 29	1 38	18 12	1 25	6 55	0 31	19 19	0 47	26 25	2 41	19 37	19 55	7 19		n.a.
W12	5 44	4 31	4 7	16 34	2 42	6 31	1 36	23 33	1 28	2 26	1 38	18 10	1 25	6 57	0 31	19 19	0 47	26 25	2 41	19 39	19 56	7 17		n.a.
T 13	6 7	0s59	4 44	16 55	2 43	6 2	1 37	23 40	1 28	2 23	1 38	18 9	1 25	6 58	0 31	19 19	0 47	26 25	2 41	19 41	19 57	7 15		n.a.
F 14	6 31	6 23	5 1	17 15	2 43	5 33	1 37	23 47	1 28	2 19	1 38	18 8	1 25	7 0	0 31	19 19	0 47	26 25	2 41	19 44	19 58	7 12		n.a.
S 15	6 54	11 19	4 57	17 32	2 43	5 3	1 37	23 53	1 28	2 16	1 38	18 7	1 25	7 1	0 31	19 19	0 47	26 25	2 42	19 46	19 58	7 10		n.a.
S 16	7 18	15 28	4 33	17 47	2 42	4 34	1 38	23 59	1 28	2 13	1 38	18 6	1 26	7 2	0 31	19 19	0 47	26 25	2 42	19 49	19 59	7 8		n.a.
M17	7 41	18 36	3 54	18 0	2 39	4 4	1 38	24 5	1 28	2 10	1 37	18 4	1 26	7 4	0 30	19 19	0 47	26 26	2 42	19 50	20 0	7 6		n.a.
T 18	8 4	20 35	3 3	18 10	2 36	3 34	1 38	24 11	1 28	2 7	1 37	18 3	1 26	7 5	0 30	19 19	0 47	26 26	2 42	19 52	20 0	7 4		n.a.
W19	8 27	21 24	2 4	18 17	2 32	3 4	1 38	24 17	1 28	2 4	1 37	18 2	1 26	7 7	0 30	19 19	0 46	26 26	2 42	19 52	20 1	7 2		n.a.
T 20	8 50	21 6	1 1	18 20	2 27	2 34	1 38	24 22	1 28	2 1	1 37	18 1	1 27	7 8	0 30	19 19	0 46	26 26	2 42	19 52	20 2	7 0		n.a.
F 21	9 13	19 46	0s 4	18 20	2 20	2 4	1 38	24 27	1 28	1 58	1 37	18 0	1 27	7 10	0 30	19 19	0 46	26 26	2 42	19 52	20 3	6 57		n.a.
S 22	9 36	17 34	1 7	18 16	2 12	1 33	1 38	24 31	1 28	1 56	1 37	17 59	1 27	7 11	0 30	19 19	0 46	26 26	2 43	19 52	20 3	6 55		n.a.
S 23	9 58	14 39	2 6	18 8	2 3	1 3	1 38	24 36	1 27	1 53	1 37	17 58	1 27	7 13	0 30	19 19	0 46	26 26	2 43	19 53	20 4	6 53		n.a.
M24	10 21	11 9	3 0	17 56	1 52	0 33	1 37	24 40	1 27	1 50	1 36	17 57	1 27	7 14	0 30	19 19	0 46	26 27	2 43	19 54	20 5	6 51		n.a.
T 25	10 43	7 13	3 45	17 39	1 39	0 2	1 37	24 44	1 27	1 47	1 36	17 56	1 28	7 15	0 30	19 19	0 46	26 27	2 43	19 56	20 5	6 49		n.a.
W26	11 5	3 0	4 21	17 17	1 25	0s28	1 36	24 47	1 27	1 45	1 36	17 55	1 28	7 17	0 30	19 19	0 46	26 27	2 43	19 58	20 6	6 47		n.a.
T 27	11 27	1n22	4 46	16 50	1 9	0 59	1 36	24 51	1 27	1 42	1 36	17 54	1 28	7 18	0 30	19 19	0 46	26 27	2 43	20 1	20 7	6 44		n.a.
F 28	11 48	5 43	4 58	16 18	0 51	1 29	1 35	24 54	1 27	1 39	1 36	17 54	1 28	7 20	0 30	19 19	0 46	26 27	2 43	20 4	20 8	6 42		n.a.
S 29	12 10	9 55	4 57	15 42	0 33	2 0	1 35	24 57	1 27	1 37	1 35	17 53	1 28	7 21	0 30	19 19	0 46	26 27	2 44	20 7	20 8	6 40		n.a.
S 30	12 31	13 45	4 41	15 1	0 13	2 31	1 34	24 59	1 27	1 34	1 35	17 52	1 29	7 23	0 30	19 19	0 46	26 27	2 44	20 11	20 9	6 38		n.a.
M31	12s52	17n 1	4s12	14s17	0n 7	3s 1	1n33	25s 1	1s26	1n32	1s35	17n51	1n29	7s24	0n30	19s19	0s46	26n27	2n44	20n13	20n10	6s36		n.a.

Julian Day Number = 1615408.5, Delta T = 03h50m44s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'42, Lahiri = - 7°57'42 Julian Calendar 1 Oct. 291 BCE == Greg. Calendar 27 Sept. 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

NOVEMBER 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 22 22	4♏37'17	16♊27	6°R52	12♎21	24♐34	7°R19	15♌22	19♎57	7♒41	29°R28	0°R40	1♌ 1	22♓55	n.a.	T 1
W 2	2 26 19	5°38'17	29°21	5♏29	13°36	25°21	7♈13	15°25	20° 0	7°41	29♊27	0♌34	0°58	23° 2	n.a.	W 2
T 3	2 30 15	6°39'18	12♋28	4° 7	14°51	26° 7	7° 7	15°28	20° 4	7°41	29°27	0°31	0°55	23° 8	n.a.	T 3
F 4	2 34 12	7°40'20	25°49	2°48	16° 7	26°53	7° 1	15°31	20° 8	7°41	29°26	0°30	0°52	23°15	n.a.	F 4
S 5	2 38 9	8°41'24	9♌27	1°34	17°22	27°40	6°55	15°34	20°11	7°42	29°25	0°30	0°49	23°22	n.a.	S 5
S 6	2 42 5	9°42'28	23°23	0°29	18°37	28°26	6°49	15°37	20°15	7°42	29°24	0°30	0°45	23°28	n.a.	S 6
M 7	2 46 2	10°43'34	7♍37	29♎33	19°53	29°13	6°44	15°39	20°19	7°43	29°23	0°27	0°42	23°35	n.a.	M 7
T 8	2 49 58	11°44'41	22° 9	28°48	21° 8	29°59	6°38	15°42	20°22	7°43	29°23	0°23	0°39	23°42	n.a.	T 8
W 9	2 53 55	12°45'49	6♎54	28°13	22°23	0♑46	6°33	15°44	20°26	7°44	29°22	0°15	0°36	23°48	n.a.	W 9
T 10	2 57 51	13°46'59	21°46	27°51	23°39	1°32	6°28	15°46	20°29	7°44	29°21	0° 5	0°33	23°55	n.a.	T 10
F 11	3 1 48	14°48'09	6♏37	27°39	24°54	2°19	6°23	15°48	20°33	7°45	29°20	29♋53	0°30	24° 2	n.a.	F 11
S 12	3 5 44	15°49'20	21°17	27°D38	26° 9	3° 6	6°18	15°51	20°36	7°46	29°19	29°42	0°26	24° 8	n.a.	S 12
S 13	3 9 41	16°50'31	5♐39	27°47	27°25	3°52	6°14	15°53	20°40	7°46	29°18	29°31	0°23	24°15	n.a.	S 13
M14	3 13 38	17°51'43	19°37	28° 4	28°40	4°39	6° 9	15°54	20°43	7°47	29°17	29°23	0°20	24°22	n.a.	M14
T 15	3 17 34	18°52'56	3♑ 8	28°31	29°55	5°25	6° 5	15°56	20°47	7°48	29°16	29°17	0°17	24°29	n.a.	T 15
W16	3 21 31	19°54'09	16°12	29° 4	1♏11	6°12	6° 1	15°58	20°50	7°48	29°15	29°14	0°14	24°35	n.a.	W16
T 17	3 25 27	20°55'22	28°52	29°44	2°26	6°59	5°58	15°59	20°53	7°49	29°14	29°D14	0°11	24°42	n.a.	T 17
F 18	3 29 24	21°56'36	11♒11	0♏30	3°42	7°45	5°54	16° 1	20°57	7°50	29°13	29°14	0° 7	24°49	n.a.	F 18
S 19	3 33 20	22°57'49	23°15	1°22	4°57	8°32	5°51	16° 2	21° 0	7°51	29°12	29°R14	0° 4	24°55	n.a.	S 19
S 20	3 37 17	23°59'03	5♓ 9	2°18	6°12	9°19	5°47	16° 3	21° 3	7°52	29°11	29°14	0° 1	25° 2	n.a.	S 20
M21	3 41 13	25° 0'17	16°59	3°18	7°28	10° 6	5°44	16° 4	21° 7	7°53	29°10	29°11	29♋58	25° 9	n.a.	M21
T 22	3 45 10	26° 1'31	28°49	4°21	8°43	10°52	5°42	16° 5	21°10	7°54	29° 9	29° 6	29°55	25°15	n.a.	T 22
W23	3 49 7	27° 2'45	10♈44	5°28	9°59	11°39	5°39	16° 6	21°13	7°55	29° 8	28°58	29°51	25°22	n.a.	W23
T 24	3 53 3	28° 3'59	22°48	6°37	11°14	12°26	5°37	16° 7	21°16	7°56	29° 7	28°48	29°48	25°29	n.a.	T 24
F 25	3 57 0	29° 5'13	5♉ 2	7°49	12°29	13°12	5°35	16° 8	21°20	7°57	29° 6	28°37	29°45	25°36	n.a.	F 25
S 26	4 0 56	0♐ 6'28	17°29	9° 3	13°45	13°59	5°33	16° 8	21°23	7°58	29° 5	28°25	29°42	25°42	n.a.	S 26
S 27	4 4 53	1° 7'42	0♊ 9	10°19	15° 0	14°46	5°31	16° 9	21°26	7°59	29° 4	28°14	29°39	25°49	n.a.	S 27
M28	4 8 49	2° 8'56	13° 1	11°37	16°16	15°32	5°29	16° 9	21°29	8° 0	29° 3	28° 5	29°36	25°56	n.a.	M28
T 29	4 12 46	3°10'11	26° 6	12°56	17°31	16°19	5°28	16° 9	21°32	8° 1	29° 1	27°58	29°32	26° 2	n.a.	T 29
W30	4 16 42	4♐11'26	9♋21	14♏16	18♏46	17♑ 6	5°27	16♌ 9	21♎35	8♒ 3	29♊ 0	27♋54	29♋29	26♓ 9	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s13	19n33	3s30	13s32	0n28	3s31	1n32	25s 3	1s26	1n30	1s35	17n50	1n29	7s25	0n30	19s19	0s46	26n28	2n44	20n15	20n10	6s34		n.a.
W 2	13 34	21 7	2 37	12 45	0 48	4 2	1 31	25 5	1 26	1 27	1 34	17 50	1 29	7 27	0 30	19 19	0 46	26 28	2 44	20 16	20 11	6 31		n.a.
T 3	13 54	21 35	1 34	11 59	1 8	4 32	1 30	25 6	1 26	1 25	1 34	17 49	1 30	7 28	0 30	19 19	0 46	26 28	2 44	20 17	20 12	6 29		n.a.
F 4	14 14	20 50	0 25	11 14	1 26	5 2	1 29	25 7	1 26	1 23	1 34	17 48	1 30	7 29	0 30	19 19	0 46	26 28	2 44	20 17	20 12	6 27		n.a.
S 5	14 34	18 52	0n47	10 33	1 43	5 33	1 28	25 8	1 26	1 21	1 34	17 48	1 30	7 31	0 30	19 19	0 46	26 28	2 44	20 17	20 13	6 25		n.a.
S 6	14 54	15 44	1 58	9 56	1 58	6 3	1 27	25 9	1 25	1 19	1 33	17 47	1 30	7 32	0 30	19 19	0 46	26 28	2 45	20 17	20 14	6 23		n.a.
M 7	15 13	11 38	3 3	9 25	2 11	6 33	1 26	25 9	1 25	1 17	1 33	17 47	1 31	7 34	0 30	19 18	0 46	26 28	2 45	20 18	20 15	6 20		n.a.
T 8	15 32	6 46	3 57	8 59	2 21	7 2	1 24	25 9	1 25	1 15	1 33	17 46	1 31	7 35	0 30	19 18	0 46	26 28	2 45	20 19	20 15	6 18		n.a.
W 9	15 51	1 27	4 37	8 38	2 30	7 32	1 23	25 8	1 25	1 13	1 32	17 46	1 31	7 36	0 30	19 18	0 46	26 29	2 45	20 21	20 16	6 16		n.a.
T 10	16 10	3s59	4 58	8 24	2 36	8 2	1 22	25 8	1 24	1 11	1 32	17 45	1 31	7 38	0 30	19 18	0 46	26 29	2 45	20 23	20 17	6 14		n.a.
F 11	16 28	9 11	4 59	8 16	2 41	8 31	1 20	25 7	1 24	1 10	1 32	17 45	1 32	7 39	0 30	19 18	0 46	26 29	2 45	20 25	20 17	6 12		n.a.
S 12	16 46	13 48	4 40	8 13	2 44	9 0	1 19	25 6	1 24	1 8	1 32	17 44	1 32	7 40	0 30	19 18	0 46	26 29	2 45	20 28	20 18	6 9		n.a.
S 13	17 4	17 30	4 4	8 15	2 45	9 29	1 17	25 4	1 24	1 6	1 31	17 44	1 32	7 42	0 30	19 17	0 46	26 29	2 45	20 30	20 19	6 7		n.a.
M14	17 22	20 6	3 14	8 21	2 45	9 58	1 15	25 2	1 23	1 5	1 31	17 44	1 32	7 43	0 30	19 17	0 46	26 29	2 46	20 32	20 19	6 5		n.a.
T 15	17 39	21 28	2 14	8 32	2 43	10 26	1 14	25 0	1 23	1 4	1 31	17 43	1 32	7 44	0 30	19 17	0 46	26 29	2 46	20 33	20 20	6 3		n.a.
W16	17 56	21 36	1 9	8 46	2 41	10 54	1 12	24 58	1 23	1 2	1 30	17 43	1 33	7 45	0 30	19 17	0 46	26 29	2 46	20 33	20 21	6 0		n.a.
T 17	18 12	20 36	0 2	9 4	2 37	11 22	1 10	24 55	1 23	1 1	1 30	17 43	1 33	7 47	0 30	19 17	0 46	26 29	2 46	20 34	20 21	5 58		n.a.
F 18	18 28	18 38	1s 3	9 24	2 33	11 50	1 8	24 52	1 22	1 0	1 30	17 43	1 33	7 48	0 31	19 16	0 46	26 30	2 46	20 34	20 22	5 56		n.a.
S 19	18 44	15 53	2 4	9 47	2 28	12 17	1 6	24 49	1 22	0 59	1 29	17 42	1 33	7 49	0 31	19 16	0 46	26 30	2 46	20 33	20 23	5 54		n.a.
S 20	19 0	12 30	2 59	10 11	2 23	12 44	1 4	24 45	1 22	0 58	1 29	17 42	1 34	7 51	0 31	19 16	0 46	26 30	2 46	20 34	20 24	5 52		n.a.
M21	19 15	8 39	3 46	10 37	2 17	13 11	1 3	24 42	1 21	0 57	1 29	17 42	1 34	7 52	0 31	19 16	0 46	26 30	2 46	20 34	20 24	5 49		n.a.
T 22	19 30	4 29	4 23	11 5	2 11	13 37	1 1	24 37	1 21	0 56	1 29	17 42	1 34	7 53	0 31	19 15	0 46	26 30	2 46	20 35	20 25	5 47		n.a.
W23	19 44	0 7	4 49	11 33	2 4	14 4	0 58	24 33	1 21	0 55	1 28	17 42	1 34	7 54	0 31	19 15	0 46	26 30	2 47	20 37	20 26	5 45		n.a.
T 24	19 58	4n18	5 2	12 3	1 57	14 29	0 56	24 28	1 20	0 55	1 28	17 42	1 35	7 55	0 31	19 15	0 46	26 30	2 47	20 39	20 26	5 43		n.a.
F 25	20 12	8 37	5 2	12 33	1 50	14 55	0 54	24 23	1 20	0 54	1 28	17 42	1 35	7 57	0 31	19 14	0 46	26 30	2 47	20 41	20 27	5 40		n.a.
S 26	20 25	12 40	4 47	13 4	1 43	15 20	0 52	24 18	1 20	0 54	1 27	17 42	1 35	7 58	0 31	19 14	0 46	26 30	2 47	20 44	20 28	5 38		n.a.
S 27	20 38	16 13	4 19	13 35	1 35	15 44	0 50	24 13	1 19	0 53	1 27	17 42	1 35	7 59	0 31	19 14	0 46	26 31	2 47	20 46	20 28	5 36		n.a.
M28	20 51	19 4	3 36	14 7	1 27	16 8	0 48	24 7	1 19	0 53	1 27	17 42	1 36	8 0	0 31	19 14	0 46	26 31	2 47	20 48	20 29	5 34		n.a.
T 29	21 3	20 59	2 42	14 38	1 20	16 32	0 46	24 1	1 19	0 53	1 26	17 43	1 36	8 1	0 31	19 13	0 46	26 31	2 47	20 49	20 30	5 31		n.a.
W30	21s14	21n46	1s38	15s10	1n12	16s55	0n43	23s55	1s18	0n53	1s26	17n43	1n36	8s 2	0n31	19s13	0s46	26n31	2n47	20n50	20n30	5s29		n.a.

Julian Day Number = 1615439.5, Delta T = 03h50m43s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'38, Lahiri = - 7°57'38 Julian Calendar 1 Nov. 291 BCE == Greg. Calendar 28 Oct. 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 291 BCE
geocentric

DECEMBER 291 BCE (-290) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 20 39	5♐12'41	22♋47	15♏38	20♏ 2	17♑52	5°R26	16°R 9	21♎38	8♒ 4	28°R59	27°D52	29♋26	26♓16	n.a.	T 1
F 2	4 24 36	6°13'56	6♌23	17° 0	21°17	18°39	5♈25	16♌ 9	21°41	8° 5	28♊58	27♋52	29°23	26°22	n.a.	F 2
S 3	4 28 32	7°15'11	20° 8	18°24	22°33	19°26	5°25	16° 9	21°44	8° 6	28°57	27°53	29°20	26°29	n.a.	S 3
S 4	4 32 29	8°16'27	4♍ 4	19°48	23°48	20°12	5°24	16° 9	21°47	8° 8	28°55	27°R54	29°17	26°36	n.a.	S 4
M 5	4 36 25	9°17'42	18°10	21°14	25° 3	20°59	5°D24	16° 8	21°50	8° 9	28°54	27°54	29°13	26°43	n.a.	M 5
T 6	4 40 22	10°18'58	2♎25	22°40	26°19	21°46	5°24	16° 8	21°52	8°10	28°53	27°52	29°10	26°49	n.a.	T 6
W 7	4 44 18	11°20'13	16°46	24° 7	27°34	22°32	5°25	16° 7	21°55	8°12	28°52	27°48	29° 7	26°56	n.a.	W 7
T 8	4 48 15	12°21'29	1♏10	25°34	28°50	23°19	5°25	16° 7	21°58	8°13	28°50	27°41	29° 4	27° 3	n.a.	T 8
F 9	4 52 12	13°22'44	15°32	27° 2	0♐ 5	24° 6	5°26	16° 6	22° 1	8°15	28°49	27°34	29° 1	27° 9	n.a.	F 9
S 10	4 56 8	14°23'59	29°47	28°31	1°20	24°52	5°27	16° 5	22° 3	8°16	28°48	27°27	28°57	27°16	n.a.	S 10
S 11	5 0 5	15°25'14	13♐48	29°59	2°36	25°39	5°28	16° 4	22° 6	8°18	28°46	27°20	28°54	27°23	n.a.	S 11
M12	5 4 1	16°26'29	27°31	1♐29	3°51	26°26	5°29	16° 2	22° 8	8°19	28°45	27°15	28°51	27°29	n.a.	M12
T 13	5 7 58	17°27'43	10♑53	3° 0	5° 7	27°12	5°31	16° 1	22°11	8°21	28°44	27°11	28°48	27°36	n.a.	T 13
W14	5 11 54	18°28'56	23°54	4°30	6°22	27°59	5°33	16° 0	22°13	8°22	28°43	27°D10	28°45	27°43	n.a.	W14
T 15	5 15 51	19°30'09	6♒34	6° 2	7°37	28°45	5°34	15°58	22°16	8°24	28°41	27°10	28°42	27°50	n.a.	T 15
F 16	5 19 47	20°31'20	18°55	7°33	8°53	29°32	5°37	15°57	22°18	8°26	28°40	27°12	28°38	27°56	n.a.	F 16
S 17	5 23 44	21°32'31	1♓ 2	9° 6	10° 8	0♒18	5°39	15°55	22°21	8°27	28°39	27°14	28°35	28° 3	n.a.	S 17
S 18	5 27 41	22°33'41	12°59	10°39	11°23	1° 5	5°42	15°53	22°23	8°29	28°37	27°15	28°32	28°10	n.a.	S 18
M19	5 31 37	23°34'50	24°50	12°12	12°39	1°52	5°44	15°51	22°25	8°31	28°36	27°R15	28°29	28°16	n.a.	M19
T 20	5 35 34	24°35'57	6♈42	13°46	13°54	2°38	5°47	15°49	22°28	8°33	28°35	27°15	28°26	28°23	n.a.	T 20
W21	5 39 30	25°37'04	18°38	15°20	15° 9	3°24	5°50	15°47	22°30	8°34	28°33	27°12	28°23	28°30	n.a.	W21
T 22	5 43 27	26°38'10	0♉44	16°55	16°25	4°11	5°54	15°45	22°32	8°36	28°32	27° 8	28°19	28°37	n.a.	T 22
F 23	5 47 23	27°39'14	13° 3	18°31	17°40	4°57	5°57	15°42	22°34	8°38	28°31	27° 4	28°16	28°43	n.a.	F 23
S 24	5 51 20	28°40'18	25°37	20° 7	18°55	5°44	6° 1	15°40	22°36	8°40	28°29	26°59	28°13	28°50	n.a.	S 24
S 25	5 55 16	29°41'20	8♊29	21°44	20°10	6°30	6° 5	15°38	22°38	8°42	28°28	26°54	28°10	28°57	n.a.	S 25
M26	5 59 13	0♑42'21	21°38	23°21	21°26	7°16	6° 9	15°35	22°40	8°44	28°27	26°50	28° 7	29° 3	n.a.	M26
T 27	6 3 10	1°43'21	5♋ 5	24°59	22°41	8° 3	6°13	15°32	22°42	8°45	28°25	26°47	28° 3	29°10	n.a.	T 27
W28	6 7 6	2°44'21	18°46	26°38	23°56	8°49	6°18	15°30	22°44	8°47	28°24	26°46	28° 0	29°17	n.a.	W28
T 29	6 11 3	3°45'19	2♌39	28°17	25°11	9°35	6°23	15°27	22°46	8°49	28°23	26°D46	27°57	29°23	n.a.	T 29
F 30	6 14 59	4°46'16	16°41	29°57	26°27	10°21	6°27	15°24	22°47	8°51	28°21	26°47	27°54	29°30	n.a.	F 30
S 31	6 18 56	5♑47'12	0♍49	1♑38	27♐42	11♒ 8	6♈32	15♌21	22♎49	8♒53	28♊20	26♋48	27♋51	29♓37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21 s26	21n20	0 s27	15 s42	1n 4	17 s18	0n41	23 s48	1 s18	0n53	1 s26	17n43	1n36	8 s 4	0n31	19 s13	0 s46	26n31	2n47	20n50	20n31	5 s27			n.a.
F 2	21 37	19 38	0n46	16 13	0 57	17 41	0 39	23 41	1 17	0 53	1 25	17 43	1 37	8 5	0 31	19 12	0 46	26 31	2 47	20 50	20 32	5 25			n.a.
S 3	21 47	16 48	1 57	16 44	0 49	18 3	0 36	23 34	1 17	0 53	1 25	17 44	1 37	8 6	0 31	19 12	0 46	26 31	2 48	20 50	20 32	5 22			n.a.
S 4	21 57	12 57	3 2	17 15	0 41	18 24	0 34	23 27	1 17	0 53	1 25	17 44	1 37	8 7	0 31	19 11	0 46	26 31	2 48	20 50	20 33	5 20			n.a.
M 5	22 7	8 22	3 57	17 45	0 33	18 45	0 32	23 19	1 16	0 53	1 24	17 44	1 37	8 8	0 31	19 11	0 46	26 31	2 48	20 50	20 34	5 18			n.a.
T 6	22 16	3 17	4 38	18 15	0 26	19 5	0 29	23 11	1 16	0 53	1 24	17 45	1 38	8 9	0 31	19 11	0 46	26 31	2 48	20 50	20 34	5 16			n.a.
W 7	22 25	2 s 1	5 2	18 44	0 18	19 25	0 27	23 3	1 15	0 54	1 24	17 45	1 38	8 10	0 31	19 10	0 46	26 31	2 48	20 51	20 35	5 13			n.a.
T 8	22 33	7 13	5 7	19 12	0 11	19 44	0 24	22 55	1 15	0 54	1 23	17 46	1 38	8 11	0 31	19 10	0 46	26 31	2 48	20 52	20 36	5 11			n.a.
F 9	22 41	12 1	4 53	19 40	0 4	20 3	0 22	22 46	1 14	0 55	1 23	17 46	1 38	8 12	0 31	19 10	0 46	26 32	2 48	20 54	20 36	5 9			n.a.
S 10	22 48	16 6	4 21	20 8	0 s 4	20 21	0 20	22 37	1 14	0 56	1 23	17 47	1 39	8 13	0 31	19 9	0 46	26 32	2 48	20 55	20 37	5 7			n.a.
S 11	22 55	19 12	3 33	20 34	0 11	20 39	0 17	22 28	1 13	0 56	1 22	17 47	1 39	8 14	0 31	19 9	0 46	26 32	2 48	20 57	20 38	5 4			n.a.
M12	23 2	21 8	2 34	21 0	0 18	20 56	0 15	22 19	1 13	0 57	1 22	17 48	1 39	8 15	0 31	19 8	0 46	26 32	2 48	20 58	20 38	5 2			n.a.
T 13	23 8	21 50	1 27	21 25	0 25	21 12	0 12	22 9	1 13	0 58	1 22	17 48	1 39	8 16	0 31	19 8	0 46	26 32	2 49	20 58	20 39	5 0			n.a.
W14	23 13	21 18	0 18	21 49	0 31	21 28	0 10	22 0	1 12	0 59	1 21	17 49	1 40	8 17	0 31	19 7	0 46	26 32	2 49	20 59	20 40	4 57			n.a.
T 15	23 18	19 41	0 s51	22 12	0 38	21 43	0 7	21 50	1 12	1 0	1 21	17 50	1 40	8 18	0 31	19 7	0 46	26 32	2 49	20 59	20 40	4 55			n.a.
F 16	23 23	17 10	1 56	22 34	0 44	21 58	0 5	21 39	1 11	1 2	1 20	17 50	1 40	8 19	0 31	19 7	0 46	26 32	2 49	20 58	20 41	4 53			n.a.
S 17	23 27	13 57	2 54	22 55	0 50	22 12	0 3	21 29	1 11	1 3	1 20	17 51	1 40	8 19	0 31	19 6	0 46	26 32	2 49	20 58	20 42	4 51			n.a.
S 18	23 31	10 12	3 44	23 15	0 56	22 25	0 0	21 18	1 10	1 4	1 20	17 52	1 41	8 20	0 31	19 6	0 46	26 32	2 49	20 58	20 42	4 48			n.a.
M19	23 34	6 6	4 24	23 33	1 2	22 38	0 s 2	21 7	1 10	1 6	1 19	17 53	1 41	8 21	0 31	19 5	0 46	26 32	2 49	20 58	20 43	4 46			n.a.
T 20	23 37	1 47	4 53	23 51	1 8	22 49	0 5	20 56	1 9	1 7	1 19	17 54	1 41	8 22	0 31	19 5	0 46	26 32	2 49	20 58	20 44	4 44			n.a.
W21	23 39	2n38	5 9	24 8	1 13	23 1	0 7	20 44	1 9	1 9	1 19	17 54	1 41	8 23	0 31	19 4	0 46	26 32	2 49	20 58	20 44	4 41			n.a.
T 22	23 41	7 0	5 12	24 23	1 18	23 11	0 10	20 33	1 8	1 10	1 19	17 55	1 41	8 24	0 31	19 4	0 46	26 32	2 49	20 59	20 45	4 39			n.a.
F 23	23 42	11 10	5 1	24 37	1 23	23 21	0 12	20 21	1 8	1 12	1 18	17 56	1 42	8 24	0 31	19 3	0 46	26 33	2 49	21 0	20 45	4 37			n.a.
S 24	23 43	14 57	4 35	24 49	1 28	23 30	0 14	20 9	1 7	1 14	1 18	17 57	1 42	8 25	0 31	19 3	0 46	26 33	2 49	21 1	20 46	4 35			n.a.
S 25	23 44	18 8	3 54	25 0	1 33	23 38	0 17	19 57	1 7	1 16	1 18	17 58	1 42	8 26	0 31	19 2	0 46	26 33	2 49	21 2	20 47	4 32			n.a.
M26	23 44	20 27	3 1	25 10	1 37	23 46	0 19	19 44	1 6	1 18	1 17	17 59	1 42	8 27	0 31	19 2	0 46	26 33	2 50	21 3	20 47	4 30			n.a.
T 27	23 43	21 41	1 56	25 19	1 41	23 53	0 21	19 32	1 6	1 20	1 17	18 0	1 43	8 27	0 31	19 1	0 46	26 33	2 50	21 3	20 48	4 28			n.a.
W28	23 42	21 40	0 44	25 25	1 44	23 59	0 24	19 19	1 5	1 22	1 17	18 1	1 43	8 28	0 31	19 1	0 46	26 33	2 50	21 3	20 49	4 25			n.a.
T 29	23 40	20 20	0n32	25 31	1 48	24 4	0 26	19 6	1 4	1 24	1 16	18 2	1 43	8 29	0 31	19 0	0 46	26 33	2 50	21 3	20 49	4 23			n.a.
F 30	23 38	17 44	1 48	25 34	1 51	24 9	0 28	18 53	1 4	1 26	1 16	18 3	1 43	8 29	0 31	19 0	0 46	26 33	2 50	21 3	20 50	4 21			n.a.
S 31	23 s36	14n 4	2n57	25 s36	1 s53	24 s13	0 s31	18 s40	1 s 3	1n28	1 s16	18n 4	1n43	8 s30	0n31	18 s59	0 s46	26n33	2n50	21n 3	20n51	4 s18			n.a.

Julian Day Number = 1615469.5, Delta T = 03h50m42s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'34, Lahiri = - 7°57'33 Julian Calendar 1 Dec. 291 BCE == Greg. Calendar 27 Nov. 291 BCE

The year -290 astronomical counting style corresponds to year 291 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

JANUARY 290 BCE (-289) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 22 52	6♑48'07	15♍ 0	3♑19	28♐57	11♒54	6♈38	15°R18	22♎51	8♒55	28°R19	26♋49	27♋48	29♓44	n.a.	S 1
M 2	6 26 49	7°49'02	29°12	5° 1	0♑12	12°40	6°43	15♌14	22°52	8°57	28♊17	26°50	27°44	29°50	n.a.	M 2
T 3	6 30 45	8°49'55	13♎23	6°44	1°27	13°26	6°49	15°11	22°54	8°59	28°16	26°R50	27°41	29°57	n.a.	T 3
W 4	6 34 42	9°50'47	27°30	8°28	2°43	14°12	6°54	15° 8	22°55	9° 1	28°15	26°50	27°38	0♈ 4	n.a.	W 4
T 5	6 38 39	10°51'39	11♏32	10°12	3°58	14°58	7° 0	15° 4	22°57	9° 3	28°13	26°48	27°35	0°10	n.a.	T 5
F 6	6 42 35	11°52'29	25°26	11°57	5°13	15°44	7° 6	15° 1	22°58	9° 5	28°12	26°46	27°32	0°17	n.a.	F 6
S 7	6 46 32	12°53'18	9♐11	13°43	6°28	16°30	7°12	14°57	23° 0	9° 7	28°11	26°44	27°29	0°24	n.a.	S 7
S 8	6 50 28	13°54'06	22°43	15°29	7°43	17°16	7°19	14°53	23° 1	9° 9	28° 9	26°43	27°25	0°31	n.a.	S 8
M 9	6 54 25	14°54'53	6♑ 2	17°16	8°58	18° 2	7°25	14°50	23° 2	9°12	28° 8	26°41	27°22	0°37	n.a.	M 9
T 10	6 58 21	15°55'38	19° 5	19° 4	10°14	18°48	7°32	14°46	23° 3	9°14	28° 7	26°41	27°19	0°44	n.a.	T 10
W11	7 2 18	16°56'22	1♒52	20°53	11°29	19°34	7°39	14°42	23° 5	9°16	28° 6	26°D41	27°16	0°51	n.a.	W11
T 12	7 6 15	17°57'04	14°25	22°42	12°44	20°20	7°46	14°38	23° 6	9°18	28° 4	26°41	27°13	0°57	n.a.	T 12
F 13	7 10 11	18°57'44	26°43	24°31	13°59	21° 6	7°53	14°34	23° 7	9°20	28° 3	26°42	27° 9	1° 4	n.a.	F 13
S 14	7 14 8	19°58'23	8♓49	26°22	15°14	21°52	8° 1	14°30	23° 8	9°22	28° 2	26°42	27° 6	1°11	n.a.	S 14
S 15	7 18 4	20°59'00	20°46	28°12	16°29	22°37	8° 8	14°26	23° 9	9°24	28° 1	26°43	27° 3	1°18	n.a.	S 15
M16	7 22 1	21°59'34	2♈38	0♒ 3	17°44	23°23	8°16	14°22	23°10	9°27	27°59	26°44	27° 0	1°24	n.a.	M16
T 17	7 25 57	23° 0'07	14°30	1°53	18°59	24° 9	8°24	14°17	23°10	9°29	27°58	26°44	26°57	1°31	n.a.	T 17
W18	7 29 54	24° 0'38	26°26	3°44	20°14	24°54	8°31	14°13	23°11	9°31	27°57	26°R44	26°54	1°38	n.a.	W18
T 19	7 33 50	25° 1'07	8♉30	5°34	21°29	25°40	8°40	14° 9	23°12	9°33	27°56	26°44	26°50	1°44	n.a.	T 19
F 20	7 37 47	26° 1'34	20°48	7°24	22°44	26°25	8°48	14° 4	23°12	9°35	27°55	26°44	26°47	1°51	n.a.	F 20
S 21	7 41 44	27° 1'59	3♊23	9°13	23°59	27°11	8°56	14° 0	23°13	9°38	27°54	26°D44	26°44	1°58	n.a.	S 21
S 22	7 45 40	28° 2'23	16°19	11° 1	25°14	27°56	9° 5	13°56	23°14	9°40	27°52	26°44	26°41	2° 5	n.a.	S 22
M23	7 49 37	29° 2'44	29°36	12°47	26°29	28°42	9°13	13°51	23°14	9°42	27°51	26°44	26°38	2°11	n.a.	M23
T 24	7 53 33	0♒ 3'03	13♋17	14°31	27°44	29°27	9°22	13°47	23°15	9°44	27°50	26°44	26°35	2°18	n.a.	T 24
W25	7 57 30	1° 3'20	27°19	16°13	28°59	0♓13	9°31	13°42	23°15	9°47	27°49	26°R44	26°31	2°25	n.a.	W25
T 26	8 1 26	2° 3'36	11♌38	17°51	0♒14	0°58	9°40	13°37	23°15	9°49	27°48	26°44	26°28	2°31	n.a.	T 26
F 27	8 5 23	3° 3'49	26° 9	19°27	1°29	1°43	9°49	13°33	23°16	9°51	27°47	26°44	26°25	2°38	n.a.	F 27
S 28	8 9 19	4° 4'01	10♍47	20°58	2°43	2°28	9°58	13°28	23°16	9°53	27°46	26°43	26°22	2°45	n.a.	S 28
S 29	8 13 16	5° 4'11	25°24	22°25	3°58	3°14	10° 8	13°23	23°16	9°56	27°45	26°42	26°19	2°51	n.a.	S 29
M30	8 17 13	6° 4'19	9♎56	23°46	5°13	3°59	10°17	13°19	23°16	9°58	27°44	26°41	26°15	2°58	n.a.	M30
T 31	8 21 9	7♒ 4'25	24♎17	25♒ 2	6♒28	4♓44	10♈27	13♌14	23♎16	10♒ 0	27♊43	26♋41	26♋12	3♈ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s33	9n35	3n56	25s37	1s56	24s16	0s33	18s26	1s 3	1n31	1s15	18n 6	1n44	8s30	0n31	18s59	0s46	26n33	2n50	21n 3	20n51	4s16			n.a.
M 2	23 30	4 35	4 40	25 35	1 58	24 19	0 35	18 12	1 2	1 33	1 15	18 7	1 44	8 31	0 31	18 58	0 46	26 33	2 50	21 3	20 52	4 14			n.a.
T 3	23 26	0s38	5 7	25 32	1 59	24 20	0 37	17 59	1 2	1 36	1 15	18 8	1 44	8 32	0 31	18 58	0 46	26 33	2 50	21 3	20 53	4 11			n.a.
W 4	23 21	5 48	5 16	25 27	2 0	24 21	0 39	17 44	1 1	1 38	1 14	18 9	1 44	8 32	0 31	18 57	0 46	26 33	2 50	21 3	20 53	4 9			n.a.
T 5	23 17	10 38	5 5	25 21	2 1	24 21	0 41	17 30	1 1	1 41	1 14	18 10	1 44	8 33	0 31	18 57	0 46	26 33	2 50	21 3	20 54	4 7			n.a.
F 6	23 11	14 52	4 37	25 12	2 1	24 21	0 43	17 16	1 0	1 44	1 14	18 12	1 45	8 33	0 31	18 56	0 46	26 33	2 50	21 3	20 54	4 4			n.a.
S 7	23 6	18 15	3 53	25 2	2 1	24 19	0 45	17 1	0 59	1 46	1 13	18 13	1 45	8 34	0 31	18 55	0 46	26 33	2 50	21 4	20 55	4 2			n.a.
S 8	23 0	20 35	2 57	24 49	2 1	24 17	0 47	16 47	0 59	1 49	1 13	18 14	1 45	8 34	0 31	18 55	0 46	26 33	2 50	21 4	20 56	4 0			n.a.
M 9	22 53	21 44	1 52	24 35	2 0	24 14	0 49	16 32	0 58	1 52	1 13	18 15	1 45	8 35	0 31	18 54	0 46	26 33	2 50	21 4	20 56	3 57			n.a.
T 10	22 46	21 40	0 42	24 18	1 58	24 11	0 51	16 17	0 58	1 55	1 13	18 17	1 45	8 35	0 31	18 54	0 46	26 33	2 50	21 4	20 57	3 55			n.a.
W11	22 38	20 27	0s29	24 0	1 56	24 6	0 53	16 2	0 57	1 58	1 12	18 18	1 46	8 35	0 31	18 53	0 46	26 33	2 50	21 4	20 58	3 53			n.a.
T 12	22 31	18 15	1 37	23 39	1 54	24 1	0 55	15 47	0 57	2 1	1 12	18 19	1 46	8 36	0 31	18 53	0 46	26 33	2 50	21 4	20 58	3 50			n.a.
F 13	22 22	15 15	2 39	23 17	1 50	23 55	0 57	15 31	0 56	2 4	1 12	18 21	1 46	8 36	0 31	18 52	0 46	26 33	2 51	21 4	20 59	3 48			n.a.
S 14	22 13	11 39	3 33	22 53	1 47	23 49	0 58	15 16	0 55	2 7	1 11	18 22	1 46	8 37	0 31	18 51	0 46	26 33	2 51	21 4	20 59	3 46			n.a.
S 15	22 4	7 38	4 17	22 26	1 42	23 42	1 0	15 0	0 55	2 11	1 11	18 24	1 46	8 37	0 31	18 51	0 46	26 33	2 51	21 4	21 0	3 43			n.a.
M16	21 55	3 22	4 50	21 58	1 37	23 33	1 2	14 44	0 54	2 14	1 11	18 25	1 46	8 37	0 31	18 50	0 46	26 33	2 51	21 4	21 1	3 41			n.a.
T 17	21 44	1n 1	5 10	21 28	1 31	23 25	1 3	14 28	0 54	2 17	1 11	18 26	1 47	8 37	0 31	18 50	0 46	26 33	2 51	21 4	21 1	3 39			n.a.
W18	21 34	5 24	5 17	20 56	1 25	23 15	1 5	14 12	0 53	2 21	1 10	18 28	1 47	8 38	0 31	18 49	0 46	26 33	2 51	21 4	21 2	3 36			n.a.
T 19	21 23	9 36	5 11	20 22	1 18	23 5	1 6	13 56	0 52	2 24	1 10	18 29	1 47	8 38	0 32	18 48	0 46	26 34	2 51	21 4	21 3	3 34			n.a.
F 20	21 12	13 31	4 50	19 46	1 10	22 54	1 8	13 40	0 52	2 28	1 10	18 31	1 47	8 38	0 32	18 48	0 46	26 34	2 51	21 4	21 3	3 32			n.a.
S 21	21 0	16 55	4 15	19 9	1 1	22 42	1 9	13 24	0 51	2 31	1 9	18 32	1 47	8 38	0 32	18 47	0 46	26 34	2 51	21 4	21 4	3 29			n.a.
S 22	20 48	19 36	3 26	18 31	0 52	22 30	1 11	13 7	0 51	2 35	1 9	18 34	1 47	8 39	0 32	18 47	0 46	26 34	2 51	21 4	21 4	3 27			n.a.
M23	20 36	21 19	2 25	17 51	0 42	22 17	1 12	12 51	0 50	2 39	1 9	18 35	1 47	8 39	0 32	18 46	0 46	26 34	2 51	21 4	21 5	3 25			n.a.
T 24	20 23	21 50	1 14	17 10	0 31	22 4	1 13	12 34	0 49	2 42	1 9	18 36	1 48	8 39	0 32	18 45	0 46	26 34	2 51	21 4	21 6	3 22			n.a.
W25	20 10	21 0	0n 3	16 29	0 20	21 49	1 14	12 17	0 49	2 46	1 8	18 38	1 48	8 39	0 32	18 45	0 46	26 34	2 51	21 4	21 6	3 20			n.a.
T 26	19 56	18 49	1 22	15 47	0 8	21 34	1 15	12 1	0 48	2 50	1 8	18 39	1 48	8 39	0 32	18 44	0 46	26 34	2 51	21 4	21 7	3 18			n.a.
F 27	19 43	15 24	2 36	15 5	0n 5	21 19	1 16	11 44	0 47	2 54	1 8	18 41	1 48	8 39	0 32	18 44	0 46	26 34	2 51	21 4	21 7	3 15			n.a.
S 28	19 28	11 0	3 41	14 23	0 18	21 3	1 17	11 27	0 47	2 58	1 8	18 42	1 48	8 39	0 32	18 43	0 46	26 34	2 51	21 4	21 8	3 13			n.a.
S 29	19 14	5 59	4 31	13 42	0 32	20 46	1 18	11 10	0 46	3 2	1 7	18 44	1 48	8 39	0 32	18 42	0 46	26 34	2 51	21 4	21 9	3 10			n.a.
M30	18 59	0 40	5 3	13 2	0 46	20 28	1 19	10 52	0 46	3 6	1 7	18 45	1 48	8 39	0 32	18 42	0 46	26 34	2 51	21 4	21 9	3 8			n.a.
T 31	18s44	4s38	5n16	12s23	1n 1	20s10	1s20	10s35	0s45	3n10	1s 7	18n47	1n48	8s39	0n32	18s41	0s46	26n34	2n51	21n 4	21n10	3s 6			n.a.

Julian Day Number = 1615500.5, Delta T = 03h50m41s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'30, Lahiri = - 7°57'29 Julian Calendar 1 Jan. 290 BCE == Greg. Calendar 28 Dec. 291 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

FEBRUARY 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 25 6	8♒ 4'30	8♏25	26♒11	7♒43	5♓29	10♈37	13°R 9	23°R16	10♒ 3	27°R42	26°D40	26♋ 9	3♈12	n.a.	W 1
T 2	8 29 2	9° 4'34	22°17	27°13	8°58	6°14	10°47	13♌ 5	23♎16	10° 5	27♊41	26♋41	26° 6	3°18	n.a.	T 2
F 3	8 32 59	10° 4'35	5♐54	28° 8	10°12	6°59	10°57	13° 0	23°16	10° 7	27°40	26°41	26° 3	3°25	n.a.	F 3
S 4	8 36 55	11° 4'35	19°16	28°55	11°27	7°44	11° 7	12°55	23°16	10° 9	27°39	26°43	26° 0	3°32	n.a.	S 4
S 5	8 40 52	12° 4'33	2♑23	29°33	12°42	8°29	11°17	12°50	23°16	10°12	27°38	26°44	25°56	3°38	n.a.	S 5
M 6	8 44 48	13° 4'30	15°16	0♓ 3	13°57	9°13	11°27	12°46	23°15	10°14	27°37	26°45	25°53	3°45	n.a.	M 6
T 7	8 48 45	14° 4'24	27°58	0°24	15°11	9°58	11°38	12°41	23°15	10°16	27°36	26°R45	25°50	3°52	n.a.	T 7
W 8	8 52 42	15° 4'17	10♒27	0°36	16°26	10°43	11°48	12°36	23°15	10°18	27°36	26°45	25°47	3°59	n.a.	W 8
T 9	8 56 38	16° 4'07	22°46	0°R40	17°41	11°28	11°59	12°31	23°14	10°21	27°35	26°43	25°44	4° 5	n.a.	T 9
F 10	9 0 35	17° 3'55	4♓56	0°34	18°56	12°12	12°10	12°27	23°14	10°23	27°34	26°40	25°41	4°12	n.a.	F 10
S 11	9 4 31	18° 3'41	16°57	0°20	20°10	12°57	12°21	12°22	23°13	10°25	27°33	26°37	25°37	4°19	n.a.	S 11
S 12	9 8 28	19° 3'25	28°53	29♒59	21°25	13°42	12°32	12°17	23°13	10°28	27°32	26°33	25°34	4°25	n.a.	S 12
M13	9 12 24	20° 3'06	10♈44	29°29	22°40	14°26	12°43	12°12	23°12	10°30	27°32	26°29	25°31	4°32	n.a.	M13
T 14	9 16 21	21° 2'45	22°36	28°54	23°54	15°11	12°54	12° 8	23°11	10°32	27°31	26°26	25°28	4°39	n.a.	T 14
W15	9 20 17	22° 2'22	4♉31	28°12	25° 9	15°55	13° 5	12° 3	23°11	10°34	27°30	26°24	25°25	4°46	n.a.	W15
T 16	9 24 14	23° 1'56	16°33	27°25	26°23	16°39	13°16	11°58	23°10	10°37	27°29	26°22	25°21	4°52	n.a.	T 16
F 17	9 28 10	24° 1'28	28°47	26°35	27°38	17°24	13°28	11°54	23° 9	10°39	27°29	26°D22	25°18	4°59	n.a.	F 17
S 18	9 32 7	25° 0'58	11♊18	25°42	28°53	18° 8	13°39	11°49	23° 8	10°41	27°28	26°23	25°15	5° 6	n.a.	S 18
S 19	9 36 4	26° 0'25	24° 9	24°48	0♓ 7	18°52	13°51	11°45	23° 7	10°43	27°28	26°25	25°12	5°12	n.a.	S 19
M20	9 40 0	26°59'50	7♋26	23°53	1°22	19°37	14° 2	11°40	23° 6	10°45	27°27	26°26	25° 9	5°19	n.a.	M20
T 21	9 43 57	27°59'13	21° 9	23° 0	2°36	20°21	14°14	11°36	23° 5	10°48	27°26	26°R27	25° 6	5°26	n.a.	T 21
W22	9 47 53	28°58'33	5♌18	22° 8	3°50	21° 5	14°26	11°31	23° 4	10°50	27°26	26°27	25° 2	5°33	n.a.	W22
T 23	9 51 50	29°57'51	19°52	21°19	5° 5	21°49	14°38	11°27	23° 3	10°52	27°25	26°25	24°59	5°39	n.a.	T 23
F 24	9 55 46	0♓57'07	4♍44	20°34	6°19	22°33	14°50	11°22	23° 2	10°54	27°25	26°22	24°56	5°46	n.a.	F 24
S 25	9 59 43	1°56'20	19°47	19°53	7°34	23°17	15° 2	11°18	23° 1	10°56	27°24	26°17	24°53	5°53	n.a.	S 25
S 26	10 3 39	2°55'32	4♎51	19°17	8°48	24° 1	15°14	11°14	22°59	10°58	27°24	26°12	24°50	5°59	n.a.	S 26
M27	10 7 36	3°54'41	19°47	18°46	10° 3	24°44	15°26	11°10	22°58	11° 1	27°24	26° 7	24°46	6° 6	n.a.	M27
T 28	10 11 32	4♓53'48	4♏27	18♒20	11♓17	25♓28	15♈39	11♌ 6	22♎57	11♒ 3	27♊23	26♋ 2	24♋43	6♈13	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s28	9s35	5n10	11s45	1n16	19s52	1s21	10s18	0s44	3n14	1s 7	18n48	1n49	8s39	0n32	18s41	0s46	26n34	2n51	21n 5	21n11	3s 3		n.a.
T 2	18 12	13 58	4 46	11 10	1 31	19 33	1 22	10 1	0 44	3 18	1 6	18 50	1 49	8 39	0 32	18 40	0 46	26 34	2 51	21 4	21 11	3 1		n.a.
F 3	17 56	17 31	4 6	10 37	1 46	19 13	1 22	9 43	0 43	3 22	1 6	18 51	1 49	8 39	0 32	18 39	0 46	26 34	2 51	21 4	21 12	2 59		n.a.
S 4	17 40	20 5	3 13	10 7	2 0	18 53	1 23	9 26	0 42	3 26	1 6	18 53	1 49	8 39	0 32	18 39	0 46	26 34	2 51	21 4	21 12	2 56		n.a.
S 5	17 23	21 32	2 11	9 40	2 15	18 32	1 23	9 8	0 42	3 31	1 6	18 54	1 49	8 39	0 32	18 38	0 46	26 34	2 51	21 4	21 13	2 54		n.a.
M 6	17 6	21 48	1 3	9 16	2 29	18 11	1 24	8 50	0 41	3 35	1 5	18 56	1 49	8 39	0 32	18 38	0 46	26 34	2 51	21 4	21 14	2 51		n.a.
T 7	16 48	20 56	0s 7	8 56	2 42	17 49	1 24	8 33	0 40	3 39	1 5	18 57	1 49	8 39	0 32	18 37	0 46	26 34	2 51	21 4	21 14	2 49		n.a.
W 8	16 31	19 2	1 15	8 40	2 55	17 27	1 25	8 15	0 40	3 44	1 5	18 58	1 49	8 39	0 32	18 36	0 46	26 34	2 51	21 4	21 15	2 47		n.a.
T 9	16 13	16 16	2 19	8 28	3 6	17 4	1 25	7 57	0 39	3 48	1 5	19 0	1 49	8 39	0 32	18 36	0 46	26 34	2 51	21 4	21 15	2 44		n.a.
F 10	15 55	12 50	3 15	8 20	3 17	16 41	1 25	7 39	0 39	3 52	1 5	19 1	1 49	8 38	0 32	18 35	0 46	26 34	2 51	21 5	21 16	2 42		n.a.
S 11	15 36	8 55	4 2	8 17	3 26	16 17	1 25	7 22	0 38	3 57	1 4	19 3	1 49	8 38	0 32	18 34	0 46	26 34	2 51	21 5	21 17	2 39		n.a.
S 12	15 17	4 42	4 38	8 17	3 33	15 53	1 25	7 4	0 37	4 1	1 4	19 4	1 49	8 38	0 32	18 34	0 46	26 34	2 51	21 6	21 17	2 37		n.a.
M13	14 58	0 19	5 2	8 22	3 39	15 28	1 26	6 46	0 37	4 6	1 4	19 6	1 49	8 38	0 32	18 33	0 46	26 34	2 51	21 7	21 18	2 35		n.a.
T 14	14 39	4n 3	5 13	8 30	3 44	15 3	1 25	6 28	0 36	4 11	1 4	19 7	1 50	8 37	0 32	18 33	0 46	26 34	2 51	21 7	21 18	2 32		n.a.
W15	14 20	8 18	5 11	8 43	3 46	14 38	1 25	6 10	0 35	4 15	1 3	19 8	1 50	8 37	0 32	18 32	0 46	26 34	2 51	21 8	21 19	2 30		n.a.
T 16	14 0	12 17	4 55	8 58	3 47	14 12	1 25	5 52	0 35	4 20	1 3	19 10	1 50	8 37	0 32	18 31	0 46	26 34	2 51	21 8	21 19	2 27		n.a.
F 17	13 40	15 49	4 25	9 17	3 45	13 46	1 25	5 34	0 34	4 25	1 3	19 11	1 50	8 36	0 32	18 31	0 46	26 34	2 51	21 8	21 20	2 25		n.a.
S 18	13 20	18 44	3 43	9 38	3 42	13 20	1 25	5 15	0 33	4 29	1 3	19 12	1 50	8 36	0 32	18 30	0 46	26 34	2 51	21 8	21 21	2 23		n.a.
S 19	13 0	20 48	2 48	10 1	3 36	12 53	1 24	4 57	0 33	4 34	1 3	19 14	1 50	8 36	0 32	18 30	0 46	26 34	2 51	21 8	21 21	2 20		n.a.
M20	12 40	21 49	1 42	10 26	3 29	12 26	1 24	4 39	0 32	4 39	1 2	19 15	1 50	8 35	0 32	18 29	0 46	26 34	2 51	21 7	21 22	2 18		n.a.
T 21	12 19	21 34	0 29	10 52	3 21	11 58	1 23	4 21	0 31	4 43	1 2	19 16	1 50	8 35	0 32	18 28	0 46	26 34	2 51	21 7	21 22	2 15		n.a.
W22	11 58	19 57	0n48	11 18	3 10	11 30	1 23	4 3	0 31	4 48	1 2	19 18	1 50	8 34	0 32	18 28	0 46	26 34	2 51	21 7	21 23	2 13		n.a.
T 23	11 37	17 0	2 4	11 45	2 59	11 2	1 22	3 45	0 30	4 53	1 2	19 19	1 50	8 34	0 32	18 27	0 46	26 34	2 51	21 7	21 24	2 11		n.a.
F 24	11 16	12 53	3 14	12 11	2 46	10 34	1 22	3 27	0 29	4 58	1 2	19 20	1 50	8 34	0 32	18 27	0 46	26 34	2 51	21 8	21 24	2 8		n.a.
S 25	10 55	7 55	4 10	12 37	2 33	10 5	1 21	3 8	0 29	5 3	1 2	19 21	1 50	8 33	0 32	18 26	0 46	26 34	2 51	21 9	21 25	2 6		n.a.
S 26	10 33	2 28	4 49	13 1	2 19	9 36	1 20	2 50	0 28	5 8	1 1	19 22	1 50	8 33	0 32	18 26	0 46	26 34	2 51	21 10	21 25	2 3		n.a.
M27	10 12	3s 4	5 9	13 25	2 4	9 7	1 19	2 32	0 28	5 13	1 1	19 24	1 50	8 32	0 32	18 25	0 46	26 34	2 51	21 11	21 26	2 1		n.a.
T 28	9s50	8s20	5n 7	13s47	1n49	8s38	1s18	2s14	0s27	5n18	1s 1	19n25	1n50	8s32	0n32	18s24	0s46	26n34	2n51	21n12	21n26	1s59		n.a.

Julian Day Number = 1615531.5, Delta T = 03h50m40s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'25, Lahiri = - 7°57'25 Julian Calendar 1 Feb. 290 BCE == Greg. Calendar 28 Jan. 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

MARCH 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 15 29	5♓52'54	18♏47	18°R 0	12♓31	26♓12	15♈51	11°R 1	22°R55	11♒ 5	27°R23	25°R59	24♋40	6♈20	n.a.	W 1
T 2	10 19 26	6°51'58	2♐42	17♒46	13°46	26°56	16° 3	10♌57	22♎54	11° 7	27♊22	25°D58	24°37	6°26	n.a.	T 2
F 3	10 23 22	7°51'00	16°15	17°38	15° 0	27°39	16°16	10°53	22°52	11° 9	27°22	25♋58	24°34	6°33	n.a.	F 3
S 4	10 27 19	8°50'00	29°26	17°D35	16°14	28°23	16°28	10°49	22°51	11°11	27°22	25°59	24°31	6°40	n.a.	S 4
S 5	10 31 15	9°48'59	12♑18	17°38	17°28	29° 7	16°41	10°46	22°49	11°13	27°21	26° 1	24°27	6°47	n.a.	S 5
M 6	10 35 12	10°47'55	24°54	17°46	18°43	29°50	16°54	10°42	22°48	11°15	27°21	26°R 1	24°24	6°53	n.a.	M 6
T 7	10 39 8	11°46'50	7♒18	18° 0	19°57	0♈34	17° 6	10°38	22°46	11°17	27°21	26° 1	24°21	7° 0	n.a.	T 7
W 8	10 43 5	12°45'43	19°32	18°18	21°11	1°17	17°19	10°34	22°44	11°19	27°21	25°58	24°18	7° 7	n.a.	W 8
T 9	10 47 1	13°44'33	1♓38	18°41	22°25	2° 0	17°32	10°31	22°42	11°21	27°21	25°53	24°15	7°13	n.a.	T 9
F 10	10 50 58	14°43'22	13°38	19° 9	23°39	2°44	17°45	10°27	22°41	11°23	27°20	25°46	24°12	7°20	n.a.	F 10
S 11	10 54 55	15°42'08	25°34	19°41	24°54	3°27	17°58	10°24	22°39	11°25	27°20	25°37	24° 8	7°27	n.a.	S 11
S 12	10 58 51	16°40'52	7♈26	20°17	26° 8	4°10	18°11	10°20	22°37	11°27	27°20	25°27	24° 5	7°34	n.a.	S 12
M13	11 2 48	17°39'34	19°18	20°56	27°22	4°53	18°24	10°17	22°35	11°29	27°20	25°17	24° 2	7°40	n.a.	M13
T 14	11 6 44	18°38'14	1♉10	21°40	28°36	5°37	18°37	10°14	22°33	11°31	27°20	25° 8	23°59	7°47	n.a.	T 14
W15	11 10 41	19°36'52	13° 6	22°27	29°50	6°20	18°50	10°11	22°31	11°33	27°D20	25° 0	23°56	7°54	n.a.	W15
T 16	11 14 37	20°35'28	25° 8	23°18	1♈ 4	7° 3	19° 3	10° 8	22°29	11°35	27°20	24°54	23°52	8° 0	n.a.	T 16
F 17	11 18 34	21°34'01	7♊20	24°11	2°18	7°46	19°16	10° 5	22°27	11°37	27°20	24°51	23°49	8° 7	n.a.	F 17
S 18	11 22 30	22°32'32	19°47	25° 8	3°32	8°29	19°30	10° 2	22°25	11°38	27°20	24°D50	23°46	8°14	n.a.	S 18
S 19	11 26 27	23°31'01	2♋33	26° 8	4°46	9°12	19°43	9°59	22°23	11°40	27°20	24°50	23°43	8°21	n.a.	S 19
M20	11 30 23	24°29'27	15°42	27°10	6° 0	9°54	19°56	9°56	22°21	11°42	27°20	24°51	23°40	8°27	n.a.	M20
T 21	11 34 20	25°27'52	29°19	28°16	7°14	10°37	20°10	9°54	22°19	11°44	27°21	24°R51	23°37	8°34	n.a.	T 21
W22	11 38 17	26°26'14	13♌24	29°23	8°28	11°20	20°23	9°51	22°17	11°46	27°21	24°50	23°33	8°41	n.a.	W22
T 23	11 42 13	27°24'33	27°58	0♓33	9°42	12° 3	20°37	9°49	22°15	11°47	27°21	24°46	23°30	8°47	n.a.	T 23
F 24	11 46 10	28°22'51	12♍55	1°46	10°55	12°45	20°50	9°46	22°12	11°49	27°21	24°40	23°27	8°54	n.a.	F 24
S 25	11 50 6	29°21'07	28° 9	3° 1	12° 9	13°28	21° 4	9°44	22°10	11°51	27°21	24°32	23°24	9° 1	n.a.	S 25
S 26	11 54 3	0♈19'21	13♎28	4°18	13°23	14°10	21°17	9°42	22° 8	11°52	27°22	24°22	23°21	9° 8	n.a.	S 26
M27	11 57 59	1°17'32	28°42	5°37	14°37	14°53	21°31	9°40	22° 6	11°54	27°22	24°13	23°17	9°14	n.a.	M27
T 28	12 1 56	2°15'43	13♏39	6°59	15°50	15°35	21°45	9°38	22° 3	11°56	27°22	24° 4	23°14	9°21	n.a.	T 28
W29	12 5 52	3°13'51	28°14	8°22	17° 4	16°18	21°58	9°36	22° 1	11°57	27°23	23°58	23°11	9°28	n.a.	W29
T 30	12 9 49	4°11'59	12♐20	9°48	18°18	17° 0	22°12	9°34	21°59	11°59	27°23	23°54	23° 8	9°34	n.a.	T 30
F 31	12 13 46	5♈10'04	25♐57	11♓16	19♈32	17♈42	22♈26	9♌33	21♎56	12♒ 0	27♊23	23♋52	23♋ 5	9♈41	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	9s28	13s 2	4n47	14s 8	1n34	8s 8	1s17	1s56	0s26	5n23	1s 1	19n26	1n50	8s31	0n32	18s24	0s46	26n34	2n51	21n12	21n27	1s56			n.a.
T 2	9 6	16 53	4 9	14 26	1 19	7 38	1 16	1 38	0 26	5 28	1 1	19 27	1 50	8 30	0 32	18 23	0 46	26 34	2 51	21 13	21 28	1 54			n.a.
F 3	8 44	19 43	3 19	14 43	1 4	7 8	1 15	1 19	0 25	5 33	1 0	19 28	1 50	8 30	0 32	18 23	0 46	26 34	2 51	21 13	21 28	1 51			n.a.
S 4	8 21	21 25	2 19	14 58	0 49	6 38	1 14	1 1	0 24	5 38	1 0	19 29	1 50	8 29	0 32	18 22	0 46	26 34	2 51	21 12	21 29	1 49			n.a.
S 5	7 59	21 56	1 14	15 11	0 34	6 8	1 13	0 43	0 24	5 43	1 0	19 30	1 50	8 29	0 32	18 22	0 46	26 34	2 51	21 12	21 29	1 46			n.a.
M 6	7 36	21 18	0 6	15 22	0 20	5 37	1 12	0 25	0 23	5 48	1 0	19 31	1 50	8 28	0 32	18 21	0 46	26 33	2 51	21 12	21 30	1 44			n.a.
T 7	7 14	19 39	1s 1	15 31	0 6	5 6	1 10	0 7	0 22	5 53	1 0	19 32	1 50	8 27	0 32	18 21	0 46	26 33	2 51	21 12	21 30	1 42			n.a.
W 8	6 51	17 5	2 3	15 39	0s 7	4 36	1 9	0n11	0 22	5 58	1 0	19 33	1 50	8 27	0 32	18 20	0 46	26 33	2 51	21 13	21 31	1 39			n.a.
T 9	6 28	13 49	3 0	15 44	0 20	4 5	1 8	0 29	0 21	6 3	0 59	19 34	1 50	8 26	0 32	18 19	0 46	26 33	2 51	21 14	21 32	1 37			n.a.
F 10	6 5	10 0	3 48	15 47	0 33	3 34	1 6	0 47	0 20	6 8	0 59	19 35	1 50	8 26	0 32	18 19	0 46	26 33	2 51	21 15	21 32	1 34			n.a.
S 11	5 42	5 50	4 25	15 48	0 44	3 2	1 5	1 5	0 20	6 13	0 59	19 36	1 50	8 25	0 32	18 18	0 46	26 33	2 51	21 17	21 33	1 32			n.a.
S 12	5 19	1 27	4 51	15 47	0 56	2 31	1 3	1 23	0 19	6 18	0 59	19 37	1 50	8 24	0 32	18 18	0 46	26 33	2 51	21 18	21 33	1 29			n.a.
M13	4 56	2n58	5 4	15 44	1 6	2 0	1 2	1 41	0 18	6 23	0 59	19 38	1 49	8 23	0 32	18 17	0 46	26 33	2 51	21 20	21 34	1 27			n.a.
T 14	4 33	7 17	5 4	15 39	1 16	1 29	1 0	1 59	0 18	6 29	0 59	19 39	1 49	8 23	0 32	18 17	0 46	26 33	2 51	21 22	21 34	1 24			n.a.
W15	4 10	11 20	4 51	15 33	1 26	0 57	0 58	2 17	0 17	6 34	0 59	19 40	1 49	8 22	0 32	18 16	0 47	26 33	2 51	21 23	21 35	1 22			n.a.
T 16	3 46	15 0	4 25	15 24	1 35	0 26	0 56	2 35	0 17	6 39	0 58	19 40	1 49	8 21	0 32	18 16	0 47	26 33	2 51	21 24	21 35	1 20			n.a.
F 17	3 23	18 5	3 46	15 14	1 43	0n 6	0 55	2 52	0 16	6 44	0 58	19 41	1 49	8 20	0 32	18 15	0 47	26 33	2 51	21 25	21 36	1 17			n.a.
S 18	3 0	20 24	2 56	15 2	1 51	0 37	0 53	3 10	0 15	6 49	0 58	19 42	1 49	8 20	0 33	18 15	0 47	26 33	2 51	21 25	21 37	1 15			n.a.
S 19	2 36	21 46	1 56	14 48	1 58	1 8	0 51	3 28	0 15	6 55	0 58	19 43	1 49	8 19	0 33	18 14	0 47	26 33	2 51	21 25	21 37	1 12			n.a.
M20	2 13	21 59	0 49	14 33	2 5	1 40	0 49	3 45	0 14	7 0	0 58	19 43	1 49	8 18	0 33	18 14	0 47	26 33	2 51	21 25	21 38	1 10			n.a.
T 21	1 49	20 56	0n24	14 16	2 11	2 11	0 47	4 3	0 13	7 5	0 58	19 44	1 49	8 17	0 33	18 13	0 47	26 33	2 51	21 25	21 38	1 7			n.a.
W22	1 26	18 33	1 37	13 57	2 16	2 43	0 45	4 20	0 13	7 10	0 58	19 45	1 49	8 16	0 33	18 13	0 47	26 33	2 51	21 25	21 39	1 5			n.a.
T 23	1 3	14 56	2 47	13 36	2 21	3 14	0 43	4 38	0 12	7 16	0 57	19 45	1 49	8 16	0 33	18 12	0 47	26 33	2 51	21 26	21 39	1 2			n.a.
F 24	0 39	10 16	3 47	13 13	2 25	3 45	0 41	4 55	0 11	7 21	0 57	19 46	1 49	8 15	0 33	18 12	0 47	26 33	2 51	21 27	21 40	1 0			n.a.
S 25	0 16	4 54	4 32	12 49	2 28	4 16	0 38	5 13	0 11	7 26	0 57	19 46	1 49	8 14	0 33	18 12	0 47	26 33	2 51	21 29	21 40	0 58			n.a.
S 26	0n 8	0s49	4 57	12 24	2 31	4 47	0 36	5 30	0 10	7 31	0 57	19 47	1 49	8 13	0 33	18 11	0 47	26 33	2 51	21 30	21 41	0 55			n.a.
M27	0 31	6 27	5 2	11 56	2 34	5 18	0 34	5 47	0 10	7 37	0 57	19 47	1 49	8 12	0 33	18 11	0 47	26 33	2 51	21 32	21 42	0 53			n.a.
T 28	0 55	11 35	4 45	11 28	2 36	5 49	0 32	6 4	0 9	7 42	0 57	19 48	1 48	8 11	0 33	18 10	0 47	26 33	2 51	21 33	21 42	0 50			n.a.
W29	1 18	15 56	4 11	10 57	2 37	6 20	0 30	6 21	0 8	7 47	0 57	19 48	1 48	8 10	0 33	18 10	0 47	26 33	2 51	21 35	21 43	0 48			n.a.
T 30	1 41	19 13	3 22	10 25	2 38	6 50	0 27	6 38	0 8	7 52	0 57	19 49	1 48	8 10	0 33	18 9	0 47	26 33	2 51	21 35	21 43	0 45			n.a.
F 31	2n 5	21s18	2n22	9s51	2s38	7n21	0s25	6n55	0s 7	7n58	0s56	19n49	1n48	8s 9	0n33	18s 9	0s47	26n33	2n51	21n36	21n44	0s43			n.a.

Julian Day Number = 1615559.5, Delta T = 03h50m39s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'22, Lahiri = - 7°57'21 Julian Calendar 1 March 290 BCE == Greg. Calendar 25 Feb. 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

APRIL 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 17 42	6♈ 8'09	9♉ 8	12♓45	20♈45	18♈25	22♈39	9°R31	21°R54	12♒ 2	27♊24	23°D52	23♋ 2	9♈48	n.a.	S 1
S 2	12 21 39	7° 6'11	21°56	14°17	21°59	19° 7	22°53	9♌29	21♎52	12° 3	27°24	23°R52	22°58	9°55	n.a.	S 2
M 3	12 25 35	8° 4'13	4♒25	15°50	23°13	19°49	23° 7	9°28	21°49	12° 5	27°25	23♋52	22°55	10° 1	n.a.	M 3
T 4	12 29 32	9° 2'12	16°40	17°26	24°26	20°31	23°21	9°27	21°47	12° 6	27°25	23°50	22°52	10° 8	n.a.	T 4
W 5	12 33 28	10° 0'11	28°44	19° 3	25°40	21°13	23°35	9°26	21°44	12° 8	27°26	23°45	22°49	10°15	n.a.	W 5
T 6	12 37 25	10°58'07	10♓42	20°43	26°53	21°55	23°49	9°24	21°42	12° 9	27°26	23°38	22°46	10°22	n.a.	T 6
F 7	12 41 21	11°56'02	22°35	22°24	28° 7	22°37	24° 3	9°23	21°39	12°10	27°27	23°28	22°43	10°28	n.a.	F 7
S 8	12 45 18	12°53'56	4♈27	24° 7	29°20	23°19	24°16	9°23	21°37	12°12	27°27	23°15	22°39	10°35	n.a.	S 8
S 9	12 49 15	13°51'48	16°19	25°52	0♉34	24° 1	24°30	9°22	21°34	12°13	27°28	23° 1	22°36	10°42	n.a.	S 9
M10	12 53 11	14°49'38	28°12	27°39	1°47	24°43	24°44	9°21	21°32	12°14	27°28	22°47	22°33	10°48	n.a.	M10
T 11	12 57 8	15°47'27	10♉ 7	29°28	3° 1	25°25	24°58	9°20	21°29	12°16	27°29	22°34	22°30	10°55	n.a.	T 11
W12	13 1 4	16°45'15	22° 7	1♈19	4°14	26° 6	25°12	9°20	21°27	12°17	27°30	22°23	22°27	11° 2	n.a.	W12
T 13	13 5 1	17°43'00	4♊14	3°12	5°28	26°48	25°26	9°20	21°24	12°18	27°30	22°15	22°23	11° 9	n.a.	T 13
F 14	13 8 57	18°40'44	16°30	5° 7	6°41	27°30	25°40	9°19	21°22	12°19	27°31	22° 9	22°20	11°15	n.a.	F 14
S 15	13 12 54	19°38'26	28°58	7° 3	7°54	28°11	25°54	9°19	21°19	12°20	27°32	22° 6	22°17	11°22	n.a.	S 15
S 16	13 16 50	20°36'07	11♋43	9° 2	9° 8	28°53	26° 8	9°D19	21°17	12°21	27°33	22° 5	22°14	11°29	n.a.	S 16
M17	13 20 47	21°33'46	24°48	11° 2	10°21	29°35	26°22	9°19	21°14	12°23	27°34	22° 5	22°11	11°35	n.a.	M17
T 18	13 24 43	22°31'23	8♌17	13° 4	11°34	0♉16	26°36	9°19	21°12	12°24	27°34	22° 5	22° 8	11°42	n.a.	T 18
W19	13 28 40	23°28'58	22°13	15° 8	12°47	0°57	26°50	9°20	21° 9	12°25	27°35	22° 3	22° 4	11°49	n.a.	W19
T 20	13 32 37	24°26'32	6♍36	17°13	14° 1	1°39	27° 4	9°20	21° 7	12°26	27°36	21°59	22° 1	11°56	n.a.	T 20
F 21	13 36 33	25°24'05	21°24	19°20	15°14	2°20	27°18	9°20	21° 4	12°27	27°37	21°52	21°58	12° 2	n.a.	F 21
S 22	13 40 30	26°21'35	6♎32	21°28	16°27	3° 1	27°32	9°21	21° 2	12°28	27°38	21°43	21°55	12° 9	n.a.	S 22
S 23	13 44 26	27°19'05	21°49	23°37	17°40	3°43	27°46	9°22	20°59	12°28	27°39	21°33	21°52	12°16	n.a.	S 23
M24	13 48 23	28°16'33	7♏ 5	25°47	18°53	4°24	28° 0	9°22	20°57	12°29	27°40	21°22	21°48	12°22	n.a.	M24
T 25	13 52 19	29°14'00	22° 9	27°58	20° 6	5° 5	28°14	9°23	20°54	12°30	27°41	21°12	21°45	12°29	n.a.	T 25
W26	13 56 16	0♉11'26	6♐51	0♉10	21°19	5°46	28°28	9°24	20°52	12°31	27°42	21° 5	21°42	12°36	n.a.	W26
T 27	14 0 12	1° 8'51	21° 6	2°21	22°32	6°27	28°42	9°25	20°49	12°32	27°43	21° 0	21°39	12°43	n.a.	T 27
F 28	14 4 9	2° 6'16	4♑51	4°33	23°45	7° 8	28°56	9°26	20°47	12°33	27°44	20°57	21°36	12°49	n.a.	F 28
S 29	14 8 6	3° 3'39	18° 8	6°44	24°58	7°49	29°10	9°28	20°45	12°33	27°45	20°D56	21°33	12°56	n.a.	S 29
S 30	14 12 2	4♉ 1'02	0♒58	8♉55	26♉11	8♉30	29♈24	9♌29	20♎42	12♒34	27♊46	20°R56	21♋29	13♈ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n28	22s 7	1n17	9s16	2s37	7n51	0s23	7n12	0s 6	8n 3	0s56	19n49	1n48	8s 8	0n33	18s 9	0s47	26n33	2n51	21n36	21n44	0s40		n.a.
S 2	2 51	21 45	0 10	8 40	2 36	8 21	0 20	7 29	0 6	8 8	0 56	19 50	1 48	8 7	0 33	18 8	0 47	26 33	2 51	21 36	21 45	0 38		n.a.
M 3	3 14	20 17	0s56	8 1	2 35	8 51	0 18	7 46	0 5	8 13	0 56	19 50	1 48	8 6	0 33	18 8	0 47	26 33	2 51	21 36	21 45	0 35		n.a.
T 4	3 37	17 54	1 58	7 22	2 33	9 21	0 15	8 2	0 4	8 19	0 56	19 50	1 48	8 5	0 33	18 7	0 47	26 33	2 51	21 36	21 46	0 33		n.a.
W 5	4 0	14 45	2 53	6 41	2 30	9 50	0 13	8 19	0 4	8 24	0 56	19 50	1 48	8 4	0 33	18 7	0 47	26 33	2 51	21 37	21 46	0 30		n.a.
T 6	4 23	11 2	3 41	5 58	2 27	10 19	0 10	8 35	0 3	8 29	0 56	19 51	1 48	8 3	0 33	18 7	0 47	26 33	2 51	21 38	21 47	0 28		n.a.
F 7	4 46	6 55	4 18	5 14	2 23	10 48	0 8	8 52	0 3	8 34	0 56	19 51	1 48	8 2	0 33	18 6	0 47	26 33	2 51	21 40	21 47	0 25		n.a.
S 8	5 9	2 33	4 44	4 29	2 18	11 17	0 5	9 8	0 2	8 40	0 56	19 51	1 47	8 1	0 33	18 6	0 47	26 33	2 51	21 42	21 48	0 23		n.a.
S 9	5 32	1n55	4 58	3 42	2 14	11 46	0 3	9 24	0 1	8 45	0 56	19 51	1 47	8 0	0 33	18 6	0 47	26 33	2 51	21 44	21 49	0 20		n.a.
M10	5 55	6 19	4 58	2 54	2 8	12 14	0 0	9 40	0 1	8 50	0 55	19 51	1 47	7 59	0 33	18 5	0 47	26 33	2 51	21 47	21 49	0 18		n.a.
T 11	6 17	10 30	4 46	2 5	2 2	12 42	0n 2	9 57	0 0	8 55	0 55	19 51	1 47	7 59	0 33	18 5	0 47	26 33	2 51	21 49	21 50	0 16		n.a.
W12	6 40	14 19	4 21	1 14	1 56	13 10	0 5	10 12	0n 0	9 1	0 55	19 51	1 47	7 58	0 33	18 5	0 47	26 34	2 51	21 51	21 50	0 13		n.a.
T 13	7 2	17 35	3 44	0 22	1 49	13 37	0 7	10 28	0 1	9 6	0 55	19 51	1 47	7 57	0 33	18 4	0 47	26 34	2 51	21 52	21 51	0 11		n.a.
F 14	7 24	20 7	2 56	0n30	1 41	14 4	0 10	10 44	0 2	9 11	0 55	19 51	1 47	7 56	0 33	18 4	0 47	26 34	2 51	21 53	21 51	0 8		n.a.
S 15	7 46	21 45	1 59	1 24	1 33	14 30	0 12	11 0	0 2	9 16	0 55	19 51	1 47	7 55	0 33	18 4	0 47	26 34	2 51	21 53	21 52	0 6		n.a.
S 16	8 8	22 18	0 55	2 19	1 25	14 57	0 15	11 15	0 3	9 22	0 55	19 51	1 47	7 54	0 33	18 4	0 48	26 34	2 51	21 54	21 52	0 3		n.a.
M17	8 30	21 40	0n14	3 15	1 16	15 23	0 17	11 31	0 4	9 27	0 55	19 51	1 46	7 53	0 33	18 3	0 48	26 34	2 51	21 54	21 53	0 1		n.a.
T 18	8 52	19 46	1 25	4 12	1 7	15 48	0 20	11 46	0 4	9 32	0 55	19 51	1 46	7 52	0 33	18 3	0 48	26 34	2 51	21 54	21 53	0n 2		n.a.
W19	9 14	16 40	2 32	5 9	0 57	16 13	0 23	12 1	0 5	9 37	0 55	19 51	1 46	7 51	0 32	18 3	0 48	26 34	2 51	21 54	21 54	0 4		n.a.
T 20	9 35	12 28	3 32	6 7	0 48	16 38	0 25	12 16	0 5	9 42	0 55	19 50	1 46	7 50	0 32	18 2	0 48	26 34	2 51	21 55	21 54	0 7		n.a.
F 21	9 56	7 25	4 19	7 5	0 38	17 2	0 28	12 31	0 6	9 47	0 54	19 50	1 46	7 49	0 32	18 2	0 48	26 34	2 51	21 56	21 55	0 9		n.a.
S 22	10 18	1 48	4 50	8 3	0 27	17 26	0 30	12 46	0 7	9 53	0 54	19 50	1 46	7 48	0 32	18 2	0 48	26 34	2 51	21 57	21 55	0 12		n.a.
S 23	10 39	3s58	5 0	9 1	0 17	17 50	0 33	13 1	0 7	9 58	0 54	19 50	1 46	7 47	0 32	18 2	0 48	26 34	2 51	21 59	21 56	0 14		n.a.
M24	10 59	9 29	4 49	9 59	0 6	18 13	0 35	13 16	0 8	10 3	0 54	19 49	1 46	7 46	0 32	18 2	0 48	26 34	2 51	22 1	21 56	0 17		n.a.
T 25	11 20	14 22	4 18	10 57	0n 4	18 35	0 38	13 30	0 8	10 8	0 54	19 49	1 46	7 45	0 32	18 1	0 48	26 34	2 51	22 2	21 57	0 19		n.a.
W26	11 41	18 16	3 30	11 54	0 15	18 57	0 40	13 45	0 9	10 13	0 54	19 49	1 45	7 44	0 32	18 1	0 48	26 34	2 51	22 3	21 57	0 22		n.a.
T 27	12 1	20 55	2 31	12 50	0 25	19 19	0 43	13 59	0 10	10 18	0 54	19 48	1 45	7 44	0 32	18 1	0 48	26 34	2 51	22 4	21 58	0 24		n.a.
F 28	12 21	22 14	1 24	13 45	0 36	19 40	0 45	14 13	0 10	10 23	0 54	19 48	1 45	7 43	0 32	18 1	0 48	26 34	2 51	22 4	21 58	0 27		n.a.
S 29	12 41	22 14	0 15	14 39	0 46	20 1	0 48	14 27	0 11	10 28	0 54	19 47	1 45	7 42	0 32	18 1	0 48	26 34	2 51	22 5	21 59	0 29		n.a.
S 30	13n 1	21s 3	0s53	15n31	0n55	20n21	0n50	14n41	0n11	10n33	0s54	19n47	1n45	7s41	0n32	18s 0	0s48	26n34	2n51	22n 5	21n59	0n32		n.a.

Julian Day Number = 1615590.5, Delta T = 03h50m38s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'17, Lahiri = - 7°57'17 Julian Calendar 1 Apr. 290 BCE == Greg. Calendar 28 March 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

MAY 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 15 59	4♉58'24	13♒28	11♉ 4	27♉24	9♉11	29♈38	9♌30	20°R40	12♒35	27♊47	20°R56	21♋26	13♈10	n.a.	M 1
T 2	14 19 55	5°55'45	25°41	13°13	28°37	9°52	29°52	9°32	20♎37	12°35	27°48	20♋54	21°23	13°16	n.a.	T 2
W 3	14 23 52	6°53'05	7♓42	15°20	29°50	10°33	0♉ 6	9°34	20°35	12°36	27°49	20°51	21°20	13°23	n.a.	W 3
T 4	14 27 48	7°50'25	19°37	17°26	1♊ 3	11°14	0°20	9°35	20°33	12°36	27°50	20°44	21°17	13°30	n.a.	T 4
F 5	14 31 45	8°47'44	1♈28	19°30	2°16	11°54	0°34	9°37	20°30	12°37	27°51	20°35	21°14	13°36	n.a.	F 5
S 6	14 35 41	9°45'02	13°19	21°32	3°28	12°35	0°48	9°39	20°28	12°37	27°53	20°24	21°10	13°43	n.a.	S 6
S 7	14 39 38	10°42'20	25°12	23°33	4°41	13°16	1° 2	9°41	20°26	12°38	27°54	20°12	21° 7	13°50	n.a.	S 7
M 8	14 43 35	11°39'37	7♉ 9	25°31	5°54	13°56	1°16	9°43	20°23	12°38	27°55	20° 0	21° 4	13°57	n.a.	M 8
T 9	14 47 31	12°36'53	19°12	27°26	7° 7	14°37	1°30	9°46	20°21	12°39	27°56	19°48	21° 1	14° 3	n.a.	T 9
W10	14 51 28	13°34'09	1♊21	29°20	8°19	15°18	1°43	9°48	20°19	12°39	27°57	19°38	20°58	14°10	n.a.	W10
T 11	14 55 24	14°31'23	13°37	1♊11	9°32	15°58	1°57	9°51	20°16	12°39	27°59	19°30	20°54	14°17	n.a.	T 11
F 12	14 59 21	15°28'37	26° 3	2°59	10°45	16°39	2°11	9°53	20°14	12°40	28° 0	19°25	20°51	14°23	n.a.	F 12
S 13	15 3 17	16°25'50	8♋41	4°46	11°57	17°19	2°25	9°56	20°12	12°40	28° 1	19°23	20°48	14°30	n.a.	S 13
S 14	15 7 14	17°23'03	21°32	6°29	13°10	17°59	2°39	9°58	20°10	12°40	28° 3	19°D22	20°45	14°37	n.a.	S 14
M15	15 11 11	18°20'14	4♌40	8°11	14°22	18°40	2°52	10° 1	20° 8	12°40	28° 4	19°23	20°42	14°44	n.a.	M15
T 16	15 15 7	19°17'25	18° 8	9°49	15°35	19°20	3° 6	10° 4	20° 6	12°41	28° 5	19°R23	20°39	14°50	n.a.	T 16
W17	15 19 4	20°14'34	1♍57	11°26	16°47	20° 0	3°20	10° 7	20° 4	12°41	28° 7	19°23	20°35	14°57	n.a.	W17
T 18	15 23 0	21°11'43	16° 9	12°59	18° 0	20°41	3°33	10°10	20° 2	12°41	28° 8	19°20	20°32	15° 4	n.a.	T 18
F 19	15 26 57	22° 8'51	0♎42	14°30	19°12	21°21	3°47	10°13	20° 0	12°41	28° 9	19°16	20°29	15°11	n.a.	F 19
S 20	15 30 53	23° 5'59	15°32	15°59	20°24	22° 1	4° 1	10°17	19°58	12°41	28°11	19° 9	20°26	15°17	n.a.	S 20
S 21	15 34 50	24° 3'06	0♏33	17°25	21°37	22°41	4°14	10°20	19°56	12°R41	28°12	19° 1	20°23	15°24	n.a.	S 21
M22	15 38 46	25° 0'12	15°35	18°48	22°49	23°21	4°28	10°24	19°54	12°41	28°14	18°53	20°20	15°31	n.a.	M22
T 23	15 42 43	25°57'18	0♐28	20° 9	24° 1	24° 1	4°41	10°27	19°52	12°41	28°15	18°46	20°16	15°37	n.a.	T 23
W24	15 46 40	26°54'24	15° 6	21°27	25°14	24°41	4°55	10°31	19°50	12°41	28°17	18°40	20°13	15°44	n.a.	W24
T 25	15 50 36	27°51'30	29°20	22°42	26°26	25°21	5° 8	10°34	19°48	12°41	28°18	18°37	20°10	15°51	n.a.	T 25
F 26	15 54 33	28°48'36	13♑ 7	23°54	27°38	26° 1	5°21	10°38	19°47	12°40	28°19	18°D35	20° 7	15°58	n.a.	F 26
S 27	15 58 29	29°45'42	26°27	25° 4	28°50	26°41	5°35	10°42	19°45	12°40	28°21	18°35	20° 4	16° 4	n.a.	S 27
S 28	16 2 26	0♊42'48	9♒22	26°10	0♋ 2	27°21	5°48	10°46	19°43	12°40	28°22	18°36	20° 0	16°11	n.a.	S 28
M29	16 6 22	1°39'54	21°55	27°14	1°14	28° 1	6° 1	10°50	19°41	12°40	28°24	18°38	19°57	16°18	n.a.	M29
T 30	16 10 19	2°37'00	4♓11	28°14	2°26	28°41	6°15	10°54	19°40	12°40	28°25	18°R38	19°54	16°25	n.a.	T 30
W31	16 14 15	3♊34'06	16♓14	29♊11	3♋38	29♉20	6♉28	10♌58	19♎38	12♒39	28♊27	18♋37	19♋51	16♈31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n20	18s50	1s56	16n21	1n 4	20n40	0n52	14n55	0n12	10n38	0s54	19n46	1n45	7s40	0n32	18s 0	0s48	26n34	2n51	22n 5	22n 0	0n34		n.a.
T 2	13 39	15 49	2 53	17 10	1 13	20 59	0 55	15 9	0 12	10 43	0 54	19 46	1 45	7 39	0 32	18 0	0 48	26 34	2 51	22 5	22 0	0 37		n.a.
W 3	13 59	12 11	3 41	17 56	1 22	21 17	0 57	15 22	0 13	10 48	0 54	19 45	1 45	7 38	0 32	18 0	0 48	26 34	2 51	22 5	22 1	0 39		n.a.
T 4	14 18	8 7	4 19	18 40	1 29	21 35	0 59	15 36	0 14	10 53	0 54	19 45	1 45	7 37	0 32	18 0	0 48	26 34	2 51	22 6	22 1	0 42		n.a.
F 5	14 36	3 45	4 45	19 22	1 36	21 52	1 2	15 49	0 14	10 58	0 54	19 44	1 44	7 36	0 32	18 0	0 48	26 34	2 51	22 8	22 2	0 44		n.a.
S 6	14 55	0n44	4 59	20 1	1 43	22 9	1 4	16 2	0 15	11 3	0 53	19 43	1 44	7 35	0 32	18 0	0 48	26 34	2 51	22 9	22 2	0 47		n.a.
S 7	15 13	5 13	5 0	20 38	1 49	22 25	1 6	16 15	0 15	11 8	0 53	19 43	1 44	7 35	0 32	18 0	0 48	26 34	2 51	22 11	22 3	0 49		n.a.
M 8	15 31	9 32	4 48	21 13	1 54	22 40	1 8	16 28	0 16	11 13	0 53	19 42	1 44	7 34	0 32	18 0	0 48	26 34	2 51	22 13	22 3	0 52		n.a.
T 9	15 49	13 31	4 23	21 45	1 58	22 55	1 10	16 41	0 17	11 18	0 53	19 41	1 44	7 33	0 32	17 59	0 48	26 34	2 51	22 15	22 4	0 54		n.a.
W10	16 6	16 59	3 46	22 14	2 2	23 9	1 12	16 53	0 17	11 23	0 53	19 40	1 44	7 32	0 32	17 59	0 48	26 34	2 51	22 16	22 4	0 57		n.a.
T 11	16 23	19 46	2 58	22 41	2 5	23 23	1 14	17 6	0 18	11 28	0 53	19 40	1 44	7 31	0 32	17 59	0 48	26 34	2 51	22 18	22 5	0 59		n.a.
F 12	16 40	21 39	2 1	23 5	2 7	23 35	1 16	17 18	0 18	11 33	0 53	19 39	1 44	7 30	0 32	17 59	0 48	26 34	2 51	22 18	22 5	1 2		n.a.
S 13	16 57	22 30	0 57	23 27	2 9	23 47	1 18	17 30	0 19	11 38	0 53	19 38	1 44	7 30	0 32	17 59	0 49	26 34	2 51	22 19	22 6	1 5		n.a.
S 14	17 14	22 10	0n12	23 47	2 9	23 59	1 20	17 42	0 19	11 42	0 53	19 37	1 43	7 29	0 32	17 59	0 49	26 34	2 51	22 19	22 6	1 7		n.a.
M15	17 30	20 38	1 21	24 4	2 10	24 10	1 22	17 54	0 20	11 47	0 53	19 36	1 43	7 28	0 32	17 59	0 49	26 34	2 51	22 19	22 7	1 10		n.a.
T 16	17 46	17 55	2 27	24 19	2 9	24 20	1 24	18 6	0 21	11 52	0 53	19 35	1 43	7 27	0 32	17 59	0 49	26 34	2 51	22 19	22 7	1 12		n.a.
W17	18 1	14 7	3 27	24 32	2 8	24 29	1 26	18 18	0 21	11 57	0 53	19 34	1 43	7 26	0 32	17 59	0 49	26 34	2 52	22 19	22 8	1 15		n.a.
T 18	18 17	9 27	4 16	24 42	2 6	24 38	1 27	18 29	0 22	12 1	0 53	19 34	1 43	7 26	0 32	17 59	0 49	26 34	2 52	22 19	22 8	1 17		n.a.
F 19	18 32	4 8	4 50	24 51	2 3	24 46	1 29	18 40	0 22	12 6	0 53	19 33	1 43	7 25	0 32	17 59	0 49	26 35	2 52	22 20	22 9	1 20		n.a.
S 20	18 46	1s31	5 5	24 58	1 59	24 53	1 31	18 52	0 23	12 11	0 53	19 32	1 43	7 24	0 32	17 59	0 49	26 35	2 52	22 21	22 9	1 22		n.a.
S 21	19 1	7 8	4 59	25 2	1 55	25 0	1 32	19 2	0 23	12 15	0 53	19 31	1 43	7 23	0 32	17 59	0 49	26 35	2 52	22 22	22 10	1 25		n.a.
M22	19 15	12 21	4 33	25 5	1 51	25 5	1 34	19 13	0 24	12 20	0 53	19 29	1 43	7 23	0 32	17 59	0 49	26 35	2 52	22 23	22 10	1 27		n.a.
T 23	19 29	16 46	3 49	25 6	1 45	25 11	1 35	19 24	0 24	12 25	0 53	19 28	1 42	7 22	0 32	17 59	0 49	26 35	2 52	22 24	22 11	1 30		n.a.
W24	19 42	20 4	2 50	25 6	1 39	25 15	1 36	19 34	0 25	12 29	0 53	19 27	1 42	7 21	0 32	17 59	0 49	26 35	2 52	22 25	22 11	1 32		n.a.
T 25	19 55	22 2	1 42	25 4	1 32	25 19	1 38	19 45	0 25	12 34	0 53	19 26	1 42	7 21	0 32	17 59	0 49	26 35	2 52	22 25	22 12	1 35		n.a.
F 26	20 8	22 35	0 29	25 0	1 25	25 21	1 39	19 55	0 26	12 38	0 53	19 25	1 42	7 20	0 32	18 0	0 49	26 35	2 52	22 25	22 12	1 37		n.a.
S 27	20 21	21 49	0s42	24 55	1 17	25 24	1 40	20 5	0 27	12 43	0 53	19 24	1 42	7 19	0 32	18 0	0 49	26 35	2 52	22 25	22 13	1 40		n.a.
S 28	20 33	19 53	1 50	24 49	1 9	25 25	1 41	20 15	0 27	12 47	0 53	19 23	1 42	7 19	0 32	18 0	0 49	26 35	2 52	22 25	22 13	1 42		n.a.
M29	20 45	17 3	2 50	24 41	0 59	25 26	1 42	20 24	0 28	12 52	0 53	19 21	1 42	7 18	0 32	18 0	0 49	26 35	2 52	22 25	22 14	1 45		n.a.
T 30	20 56	13 31	3 41	24 33	0 50	25 25	1 43	20 34	0 28	12 56	0 53	19 20	1 42	7 18	0 32	18 0	0 49	26 35	2 52	22 25	22 14	1 48		n.a.
W31	21n 7	9s30	4s21	24n23	0n39	25n25	1n44	20n43	0n29	13n 1	0s53	19n19	1n42	7s17	0n32	18s 0	0s49	26n35	2n52	22n25	22n14	1n50		n.a.

Julian Day Number = 1615620.5, Delta T = 03h50m37s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'13, Lahiri = - 7°57'13 Julian Calendar 1 May 290 BCE == Greg. Calendar 27 Apr. 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

JUNE 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 18 12	4♊31'13	28♓ 9	0♋ 5	4♋50	0♊ 0	6♉41	11♌ 3	19°R37	12°R39	28♊29	18°R34	19♋48	16♈38	n.a.	T 1
F 2	16 22 9	5°28'19	10♈ 1	0°56	6° 2	0°40	6°54	11° 7	19♎35	12♒39	28°30	18♋30	19°45	16°45	n.a.	F 2
S 3	16 26 5	6°25'27	21°54	1°43	7°14	1°20	7° 7	11°11	19°34	12°38	28°32	18°24	19°41	16°51	n.a.	S 3
S 4	16 30 2	7°22'34	3♉50	2°26	8°26	1°59	7°20	11°16	19°32	12°38	28°33	18°17	19°38	16°58	n.a.	S 4
M 5	16 33 58	8°19'42	15°53	3° 6	9°38	2°39	7°33	11°20	19°31	12°37	28°35	18° 9	19°35	17° 5	n.a.	M 5
T 6	16 37 55	9°16'50	28° 4	3°42	10°50	3°18	7°46	11°25	19°30	12°37	28°36	18° 2	19°32	17°12	n.a.	T 6
W 7	16 41 51	10°13'58	10♊25	4°13	12° 1	3°58	7°59	11°30	19°28	12°36	28°38	17°57	19°29	17°18	n.a.	W 7
T 8	16 45 48	11°11'06	22°56	4°41	13°13	4°37	8°12	11°35	19°27	12°36	28°40	17°53	19°26	17°25	n.a.	T 8
F 9	16 49 44	12° 8'15	5♋39	5° 4	14°25	5°17	8°24	11°40	19°26	12°35	28°41	17°50	19°22	17°32	n.a.	F 9
S 10	16 53 41	13° 5'24	18°34	5°23	15°36	5°56	8°37	11°44	19°25	12°34	28°43	17°D50	19°19	17°39	n.a.	S 10
S 11	16 57 38	14° 2'33	1♌41	5°37	16°48	6°36	8°50	11°49	19°24	12°34	28°44	17°50	19°16	17°45	n.a.	S 11
M12	17 1 34	14°59'43	15° 3	5°47	17°59	7°15	9° 2	11°55	19°23	12°33	28°46	17°52	19°13	17°52	n.a.	M12
T 13	17 5 31	15°56'52	28°38	5°51	19°11	7°54	9°15	12° 0	19°22	12°32	28°48	17°53	19°10	17°59	n.a.	T 13
W14	17 9 27	16°54'01	12♍29	5°R51	20°22	8°34	9°27	12° 5	19°21	12°32	28°49	17°R54	19° 6	18° 5	n.a.	W14
T 15	17 13 24	17°51'11	26°35	5°47	21°34	9°13	9°39	12°10	19°20	12°31	28°51	17°54	19° 3	18°12	n.a.	T 15
F 16	17 17 20	18°48'20	10♎55	5°37	22°45	9°52	9°52	12°16	19°19	12°30	28°53	17°52	19° 0	18°19	n.a.	F 16
S 17	17 21 17	19°45'30	25°25	5°23	23°56	10°32	10° 4	12°21	19°18	12°29	28°54	17°50	18°57	18°26	n.a.	S 17
S 18	17 25 14	20°42'41	10♏ 2	5° 4	25° 8	11°11	10°16	12°26	19°17	12°28	28°56	17°46	18°54	18°32	n.a.	S 18
M19	17 29 10	21°39'51	24°39	4°40	26°19	11°50	10°28	12°32	19°16	12°28	28°58	17°43	18°51	18°39	n.a.	M19
T 20	17 33 7	22°37'03	9♐10	4°13	27°30	12°29	10°40	12°38	19°16	12°27	28°59	17°39	18°47	18°46	n.a.	T 20
W21	17 37 3	23°34'15	23°29	3°41	28°41	13° 8	10°52	12°43	19°15	12°26	29° 1	17°37	18°44	18°52	n.a.	W21
T 22	17 41 0	24°31'27	7♑30	3° 6	29°52	13°47	11° 4	12°49	19°15	12°25	29° 3	17°35	18°41	18°59	n.a.	T 22
F 23	17 44 56	25°28'40	21°10	2°28	1♌ 3	14°26	11°16	12°55	19°14	12°24	29° 4	17°D35	18°38	19° 6	n.a.	F 23
S 24	17 48 53	26°25'55	4♒27	1°48	2°14	15° 5	11°28	13° 1	19°14	12°23	29° 6	17°36	18°35	19°13	n.a.	S 24
S 25	17 52 49	27°23'10	17°22	1° 6	3°25	15°44	11°39	13° 7	19°13	12°22	29° 8	17°37	18°32	19°19	n.a.	S 25
M26	17 56 46	28°20'26	29°57	0°23	4°36	16°23	11°51	13°12	19°13	12°21	29° 9	17°39	18°28	19°26	n.a.	M26
T 27	18 0 43	29°17'43	12♓15	29♊39	5°46	17° 2	12° 2	13°18	19°12	12°20	29°11	17°40	18°25	19°33	n.a.	T 27
W28	18 4 39	0♋15'01	24°21	28°56	6°57	17°41	12°14	13°25	19°12	12°19	29°13	17°41	18°22	19°40	n.a.	W28
T 29	18 8 36	1°12'21	6♈18	28°15	8° 8	18°20	12°25	13°31	19°12	12°17	29°14	17°R41	18°19	19°46	n.a.	T 29
F 30	18 12 32	2♋ 9'42	18♈11	27♊35	9♌18	18♊59	12♉36	13♌37	19♎12	12♒16	29♊16	17♋40	18♋16	19♈53	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n18	5s 9	4s50	24n12	0n28	25n23	1n45	20n52	0n29	13n 5	0s53	19n18	1n42	7s17	0n32	18s 0	0s49	26n35	2n52	22n25	22n15	1n53		n.a.
F 2	21 29	0 39	5 5	24 1	0 17	25 21	1 46	21 1	0 30	13 9	0 53	19 16	1 42	7 16	0 32	18 0	0 49	26 35	2 52	22 26	22 15	1 55		n.a.
S 3	21 39	3n52	5 8	23 48	0 5	25 18	1 46	21 10	0 30	13 14	0 53	19 15	1 41	7 15	0 32	18 1	0 49	26 35	2 52	22 27	22 16	1 58		n.a.
S 4	21 48	8 17	4 58	23 35	0s 7	25 14	1 47	21 19	0 31	13 18	0 53	19 14	1 41	7 15	0 32	18 1	0 49	26 35	2 52	22 28	22 16	2 0		n.a.
M 5	21 58	12 25	4 34	23 22	0 20	25 9	1 47	21 27	0 31	13 22	0 53	19 12	1 41	7 14	0 32	18 1	0 49	26 35	2 52	22 29	22 17	2 3		n.a.
T 6	22 7	16 7	3 57	23 7	0 33	25 4	1 48	21 36	0 32	13 26	0 53	19 11	1 41	7 14	0 32	18 1	0 49	26 35	2 52	22 30	22 17	2 5		n.a.
W 7	22 15	19 10	3 9	22 53	0 47	24 58	1 48	21 44	0 32	13 31	0 53	19 10	1 41	7 13	0 31	18 1	0 49	26 36	2 52	22 31	22 18	2 8		n.a.
T 8	22 23	21 21	2 11	22 38	1 1	24 52	1 48	21 52	0 33	13 35	0 53	19 8	1 41	7 13	0 31	18 1	0 50	26 36	2 52	22 31	22 18	2 10		n.a.
F 9	22 31	22 31	1 6	22 23	1 15	24 44	1 48	21 59	0 33	13 39	0 53	19 7	1 41	7 13	0 31	18 2	0 50	26 36	2 52	22 31	22 19	2 13		n.a.
S 10	22 39	22 30	0n 4	22 7	1 30	24 36	1 49	22 7	0 34	13 43	0 53	19 5	1 41	7 12	0 31	18 2	0 50	26 36	2 52	22 32	22 19	2 15		n.a.
S 11	22 46	21 15	1 15	21 52	1 45	24 27	1 49	22 14	0 35	13 47	0 53	19 4	1 41	7 12	0 31	18 2	0 50	26 36	2 52	22 31	22 20	2 18		n.a.
M12	22 52	18 48	2 23	21 37	2 0	24 18	1 49	22 22	0 35	13 51	0 53	19 2	1 41	7 11	0 31	18 2	0 50	26 36	2 52	22 31	22 20	2 21		n.a.
T 13	22 59	15 17	3 25	21 21	2 15	24 8	1 48	22 29	0 36	13 55	0 53	19 1	1 41	7 11	0 31	18 2	0 50	26 36	2 52	22 31	22 20	2 23		n.a.
W14	23 5	10 53	4 15	21 7	2 29	23 57	1 48	22 35	0 36	13 59	0 53	18 59	1 41	7 11	0 31	18 3	0 50	26 36	2 53	22 31	22 21	2 26		n.a.
T 15	23 10	5 49	4 52	20 52	2 44	23 45	1 48	22 42	0 37	14 3	0 53	18 57	1 40	7 10	0 31	18 3	0 50	26 36	2 53	22 31	22 21	2 28		n.a.
F 16	23 15	0 23	5 11	20 38	2 59	23 33	1 47	22 49	0 37	14 7	0 53	18 56	1 40	7 10	0 31	18 3	0 50	26 36	2 53	22 31	22 22	2 31		n.a.
S 17	23 20	5s 8	5 10	20 25	3 13	23 20	1 47	22 55	0 38	14 11	0 53	18 54	1 40	7 10	0 31	18 4	0 50	26 36	2 53	22 32	22 22	2 33		n.a.
S 18	23 24	10 25	4 50	20 12	3 26	23 7	1 46	23 1	0 38	14 15	0 53	18 53	1 40	7 10	0 31	18 4	0 50	26 36	2 53	22 32	22 23	2 36		n.a.
M19	23 28	15 7	4 11	20 0	3 39	22 52	1 46	23 7	0 39	14 19	0 53	18 51	1 40	7 9	0 31	18 4	0 50	26 36	2 53	22 32	22 23	2 38		n.a.
T 20	23 31	18 52	3 15	19 48	3 51	22 38	1 45	23 13	0 39	14 22	0 53	18 49	1 40	7 9	0 31	18 4	0 50	26 36	2 53	22 33	22 24	2 41		n.a.
W21	23 34	21 26	2 9	19 38	4 3	22 22	1 44	23 18	0 40	14 26	0 53	18 48	1 40	7 9	0 31	18 5	0 50	26 36	2 53	22 33	22 24	2 44		n.a.
T 22	23 37	22 36	0 55	19 29	4 13	22 6	1 43	23 24	0 40	14 30	0 53	18 46	1 40	7 9	0 31	18 5	0 50	26 37	2 53	22 33	22 25	2 46		n.a.
F 23	23 39	22 22	0s20	19 21	4 22	21 50	1 42	23 29	0 41	14 33	0 53	18 44	1 40	7 8	0 31	18 5	0 50	26 37	2 53	22 33	22 25	2 49		n.a.
S 24	23 41	20 52	1 32	19 14	4 29	21 32	1 41	23 34	0 41	14 37	0 53	18 42	1 40	7 8	0 31	18 6	0 50	26 37	2 53	22 33	22 25	2 51		n.a.
S 25	23 42	18 18	2 37	19 9	4 35	21 15	1 40	23 39	0 42	14 41	0 53	18 41	1 40	7 8	0 31	18 6	0 50	26 37	2 53	22 33	22 26	2 54		n.a.
M26	23 43	14 56	3 33	19 4	4 39	20 56	1 39	23 43	0 42	14 44	0 53	18 39	1 40	7 8	0 31	18 6	0 50	26 37	2 53	22 33	22 26	2 56		n.a.
T 27	23 44	11 0	4 17	19 2	4 42	20 37	1 37	23 48	0 43	14 48	0 53	18 37	1 40	7 8	0 31	18 7	0 50	26 37	2 53	22 33	22 27	2 59		n.a.
W28	23 44	6 42	4 50	19 1	4 43	20 18	1 36	23 52	0 43	14 51	0 53	18 35	1 40	7 8	0 31	18 7	0 50	26 37	2 53	22 33	22 27	3 1		n.a.
T 29	23 43	2 12	5 9	19 1	4 42	19 58	1 34	23 56	0 44	14 55	0 53	18 33	1 40	7 8	0 31	18 7	0 50	26 37	2 53	22 33	22 28	3 4		n.a.
F 30	23n43	2n21	5s16	19n 3	4s40	19n38	1n32	24n 0	0n44	14n58	0s53	18n32	1n40	7s 8	0n31	18s 8	0s50	26n37	2n54	22n33	22n28	3n 7		n.a.

Julian Day Number = 1615651.5, Delta T = 03h50m36s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'09, Lahiri = - 7°57'09 Julian Calendar 1 June 290 BCE == Greg. Calendar 28 May 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

JULY 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 16 29	3♋ 7'03	0♉ 5	26°R58	10♌29	19♊38	12♉48	13♌43	19°R12	12°R15	29♊18	17°R39	18♋12	20♈ 0	n.a.	S 1
S 2	18 20 25	4° 4'27	12° 4	26♊25	11°39	20°16	12°59	13°49	19♎11	12♒14	29°19	17♋37	18° 9	20° 6	n.a.	S 2
M 3	18 24 22	5° 1'51	24°12	25°56	12°49	20°55	13°10	13°56	19°D11	12°13	29°21	17°35	18° 6	20°13	n.a.	M 3
T 4	18 28 18	5°59'17	6♊31	25°31	14° 0	21°34	13°21	14° 2	19°11	12°11	29°23	17°33	18° 3	20°20	n.a.	T 4
W 5	18 32 15	6°56'44	19° 3	25°12	15°10	22°13	13°31	14° 8	19°12	12°10	29°24	17°32	18° 0	20°27	n.a.	W 5
T 6	18 36 12	7°54'12	1♋51	24°59	16°20	22°51	13°42	14°15	19°12	12° 9	29°26	17°31	17°57	20°33	n.a.	T 6
F 7	18 40 8	8°51'41	14°53	24°51	17°30	23°30	13°53	14°21	19°12	12° 8	29°28	17°D31	17°53	20°40	n.a.	F 7
S 8	18 44 5	9°49'12	28°11	24°D50	18°40	24° 9	14° 3	14°28	19°12	12° 6	29°29	17°31	17°50	20°47	n.a.	S 8
S 9	18 48 1	10°46'44	11♌42	24°56	19°50	24°47	14°14	14°34	19°12	12° 5	29°31	17°31	17°47	20°54	n.a.	S 9
M10	18 51 58	11°44'16	25°26	25° 8	21° 0	25°26	14°24	14°41	19°13	12° 4	29°33	17°32	17°44	21° 0	n.a.	M10
T 11	18 55 54	12°41'50	9♍21	25°28	22°10	26° 4	14°34	14°48	19°13	12° 2	29°34	17°32	17°41	21° 7	n.a.	T 11
W12	18 59 51	13°39'25	23°24	25°54	23°20	26°43	14°44	14°54	19°14	12° 1	29°36	17°33	17°38	21°14	n.a.	W12
T 13	19 3 47	14°37'00	7♎34	26°27	24°30	27°21	14°54	15° 1	19°14	11°59	29°38	17°33	17°34	21°20	n.a.	T 13
F 14	19 7 44	15°34'37	21°48	27° 7	25°39	28° 0	15° 4	15° 8	19°15	11°58	29°39	17°R33	17°31	21°27	n.a.	F 14
S 15	19 11 41	16°32'15	6♏ 3	27°54	26°49	28°38	15°14	15°15	19°15	11°57	29°41	17°33	17°28	21°34	n.a.	S 15
S 16	19 15 37	17°29'54	20°18	28°48	27°58	29°17	15°24	15°22	19°16	11°55	29°42	17°D33	17°25	21°41	n.a.	S 16
M17	19 19 34	18°27'34	4♐29	29°48	29° 7	29°55	15°33	15°28	19°17	11°54	29°44	17°33	17°22	21°47	n.a.	M17
T 18	19 23 30	19°25'15	18°32	0♋54	0♍17	0♋34	15°43	15°35	19°17	11°52	29°46	17°33	17°18	21°54	n.a.	T 18
W19	19 27 27	20°22'58	2♑24	2° 7	1°26	1°12	15°52	15°42	19°18	11°51	29°47	17°33	17°15	22° 1	n.a.	W19
T 20	19 31 23	21°20'42	16° 3	3°25	2°35	1°50	16° 2	15°49	19°19	11°49	29°49	17°R33	17°12	22° 8	n.a.	T 20
F 21	19 35 20	22°18'28	29°26	4°48	3°44	2°29	16°11	15°56	19°20	11°48	29°50	17°33	17° 9	22°14	n.a.	F 21
S 22	19 39 17	23°16'15	12♒32	6°17	4°53	3° 7	16°20	16° 3	19°21	11°46	29°52	17°33	17° 6	22°21	n.a.	S 22
S 23	19 43 13	24°14'04	25°21	7°50	6° 1	3°45	16°29	16°10	19°22	11°45	29°53	17°32	17° 3	22°28	n.a.	S 23
M24	19 47 10	25°11'55	7♓53	9°28	7°10	4°23	16°37	16°18	19°23	11°43	29°55	17°31	16°59	22°34	n.a.	M24
T 25	19 51 6	26° 9'47	20°10	11°10	8°18	5° 2	16°46	16°25	19°24	11°41	29°57	17°30	16°56	22°41	n.a.	T 25
W26	19 55 3	27° 7'41	2♈16	12°55	9°27	5°40	16°54	16°32	19°25	11°40	29°58	17°29	16°53	22°48	n.a.	W26
T 27	19 58 59	28° 5'37	14°13	14°43	10°35	6°18	17° 3	16°39	19°26	11°38	29°59	17°28	16°50	22°55	n.a.	T 27
F 28	20 2 56	29° 3'35	26° 7	16°33	11°43	6°56	17°11	16°46	19°28	11°37	0♋ 1	17°D28	16°47	23° 1	n.a.	F 28
S 29	20 6 52	0♌ 1'36	8♉ 1	18°26	12°52	7°34	17°19	16°53	19°29	11°35	0° 3	17°28	16°43	23° 8	n.a.	S 29
S 30	20 10 49	0°59'38	20° 0	20°20	13°59	8°12	17°27	17° 1	19°30	11°33	0° 4	17°29	16°40	23°15	n.a.	S 30
M31	20 14 45	1♌57'42	2♊ 9	22♋15	15♍ 7	8♋50	17♉35	17♌ 8	19♎32	11♒32	0♋ 6	17♋30	16♋37	23♈21	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n42	6n50	5s 8	19n 6	4s35	19n17	1n31	24n 3	0n44	15n 2	0s53	18n30	1n40	7s 8	0n31	18s 8	0s50	26n37	2n54	22n33	22n28	3n 9		n.a.	S 1
S 2	23 40	11 5	4 47	19 11	4 30	18 55	1 29	24 7	0 45	15 5	0 53	18 28	1 40	7 8	0 31	18 8	0 50	26 37	2 54	22 33	22 29	3 12		n.a.	S 2
M 3	23 38	14 57	4 14	19 18	4 22	18 33	1 27	24 10	0 45	15 8	0 53	18 26	1 39	7 8	0 31	18 9	0 50	26 37	2 54	22 33	22 29	3 14		n.a.	M 3
T 4	23 36	18 15	3 28	19 26	4 13	18 11	1 25	24 13	0 46	15 12	0 53	18 24	1 39	7 8	0 31	18 9	0 50	26 37	2 54	22 34	22 30	3 17		n.a.	T 4
W 5	23 33	20 46	2 31	19 35	4 3	17 48	1 23	24 16	0 46	15 15	0 53	18 22	1 39	7 8	0 31	18 9	0 50	26 38	2 54	22 34	22 30	3 19		n.a.	W 5
T 6	23 29	22 17	1 26	19 46	3 52	17 25	1 21	24 19	0 47	15 18	0 53	18 20	1 39	7 8	0 31	18 10	0 50	26 38	2 54	22 34	22 31	3 22		n.a.	T 6
F 7	23 26	22 39	0 15	19 58	3 39	17 1	1 18	24 21	0 47	15 21	0 53	18 18	1 39	7 8	0 30	18 10	0 50	26 38	2 54	22 34	22 31	3 25		n.a.	F 7
S 8	23 22	21 44	0n59	20 12	3 26	16 37	1 16	24 24	0 48	15 24	0 53	18 16	1 39	7 8	0 30	18 11	0 50	26 38	2 54	22 34	22 31	3 27		n.a.	S 8
S 9	23 17	19 34	2 10	20 26	3 12	16 12	1 14	24 26	0 48	15 27	0 53	18 14	1 39	7 8	0 30	18 11	0 51	26 38	2 54	22 34	22 32	3 30		n.a.	S 9
M10	23 12	16 15	3 15	20 41	2 57	15 47	1 11	24 28	0 49	15 31	0 53	18 12	1 39	7 9	0 30	18 12	0 51	26 38	2 54	22 34	22 32	3 32		n.a.	M10
T 11	23 7	12 0	4 9	20 57	2 42	15 22	1 8	24 29	0 49	15 34	0 53	18 10	1 39	7 9	0 30	18 12	0 51	26 38	2 54	22 34	22 33	3 35		n.a.	T 11
W12	23 1	7 4	4 49	21 14	2 26	14 56	1 6	24 31	0 50	15 37	0 53	18 8	1 39	7 9	0 30	18 12	0 51	26 38	2 54	22 34	22 33	3 37		n.a.	W12
T 13	22 55	1 44	5 12	21 31	2 10	14 30	1 3	24 32	0 50	15 39	0 53	18 6	1 39	7 9	0 30	18 13	0 51	26 38	2 55	22 34	22 34	3 40		n.a.	T 13
F 14	22 48	3s43	5 16	21 48	1 54	14 4	1 0	24 34	0 51	15 42	0 53	18 4	1 39	7 9	0 30	18 13	0 51	26 38	2 55	22 34	22 34	3 43		n.a.	F 14
S 15	22 42	8 59	5 1	22 5	1 38	13 37	0 57	24 34	0 51	15 45	0 53	18 2	1 39	7 10	0 30	18 14	0 51	26 38	2 55	22 34	22 34	3 45		n.a.	S 15
S 16	22 34	13 45	4 27	22 21	1 22	13 10	0 54	24 35	0 52	15 48	0 53	18 0	1 39	7 10	0 30	18 14	0 51	26 39	2 55	22 34	22 35	3 48		n.a.	S 16
M17	22 26	17 45	3 37	22 37	1 6	12 43	0 51	24 36	0 52	15 51	0 53	17 58	1 39	7 10	0 30	18 14	0 51	26 39	2 55	22 34	22 35	3 50		n.a.	M17
T 18	22 18	20 40	2 34	22 53	0 51	12 15	0 48	24 36	0 53	15 53	0 53	17 56	1 39	7 11	0 30	18 15	0 51	26 39	2 55	22 34	22 36	3 53		n.a.	T 18
W19	22 10	22 19	1 23	23 7	0 36	11 47	0 44	24 36	0 53	15 56	0 54	17 54	1 39	7 11	0 30	18 15	0 51	26 39	2 55	22 34	22 36	3 55		n.a.	W19
T 20	22 1	22 37	0 8	23 20	0 21	11 19	0 41	24 36	0 53	15 59	0 54	17 52	1 39	7 11	0 30	18 16	0 51	26 39	2 55	22 34	22 36	3 58		n.a.	T 20
F 21	21 51	21 35	1s 5	23 31	0 7	10 51	0 38	24 36	0 54	16 1	0 54	17 50	1 39	7 12	0 30	18 16	0 51	26 39	2 55	22 34	22 37	4 1		n.a.	F 21
S 22	21 42	19 23	2 14	23 41	0n 6	10 22	0 34	24 36	0 54	16 4	0 54	17 47	1 39	7 12	0 30	18 17	0 51	26 39	2 55	22 34	22 37	4 3		n.a.	S 22
S 23	21 32	16 16	3 14	23 48	0 19	9 53	0 30	24 35	0 55	16 6	0 54	17 45	1 39	7 12	0 30	18 17	0 51	26 39	2 55	22 34	22 38	4 6		n.a.	S 23
M24	21 21	12 29	4 4	23 54	0 31	9 24	0 27	24 35	0 55	16 9	0 54	17 43	1 39	7 13	0 30	18 18	0 51	26 39	2 56	22 34	22 38	4 8		n.a.	M24
T 25	21 10	8 14	4 41	23 57	0 42	8 54	0 23	24 34	0 56	16 11	0 54	17 41	1 39	7 13	0 30	18 18	0 51	26 39	2 56	22 34	22 38	4 11		n.a.	T 25
W26	20 59	3 45	5 5	23 57	0 52	8 25	0 19	24 32	0 56	16 14	0 54	17 39	1 39	7 14	0 30	18 19	0 51	26 40	2 56	22 34	22 39	4 13		n.a.	W26
T 27	20 48	0n50	5 16	23 55	1 1	7 55	0 15	24 31	0 57	16 16	0 54	17 37	1 39	7 14	0 30	18 19	0 51	26 40	2 56	22 34	22 39	4 16		n.a.	T 27
F 28	20 36	5 21	5 13	23 51	1 10	7 25	0 11	24 30	0 57	16 18	0 54	17 34	1 39	7 15	0 30	18 20	0 51	26 40	2 56	22 34	22 40	4 19		n.a.	F 28
S 29	20 23	9 41	4 56	23 43	1 17	6 55	0 7	24 28	0 57	16 21	0 54	17 32	1 39	7 15	0 30	18 20	0 51	26 40	2 56	22 34	22 40	4 21		n.a.	S 29
S 30	20 11	13 40	4 27	23 33	1 24	6 25	0 3	24 26	0 58	16 23	0 54	17 30	1 39	7 16	0 30	18 20	0 51	26 40	2 56	22 34	22 40	4 24		n.a.	S 30
M31	19n58	17n10	3s45	23n21	1n30	5n55	0s 1	24n24	0n58	16n25	0s54	17n28	1n39	7s16	0n30	18s21	0s51	26n40	2n56	22n34	22n41	4n26		n.a.	M31

Julian Day Number = 1615681.5, Delta T = 03h50m35s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'05, Lahiri = - 7°57'05 Julian Calendar 1 July 290 BCE == Greg. Calendar 27 June 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

AUGUST 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 18 42	2♌55'48	14♊31	24♋12	16♍15	9♋29	17♉43	17♌15	19♎33	11°R30	0♋ 7	17♋31	16♋34	23♈28	n.a.	T 1
W 2	20 22 39	3°53'56	27°11	26° 9	17°23	10° 7	17°50	17°22	19°35	11♒29	0° 8	17°32	16°31	23°35	n.a.	W 2
T 3	20 26 35	4°52'06	10♋11	28° 6	18°30	10°45	17°58	17°30	19°36	11°27	0°10	17°33	16°28	23°42	n.a.	T 3
F 4	20 30 32	5°50'18	23°31	0♌ 4	19°38	11°23	18° 5	17°37	19°38	11°25	0°11	17°R33	16°24	23°48	n.a.	F 4
S 5	20 34 28	6°48'32	7♌11	2° 1	20°45	12° 1	18°12	17°44	19°40	11°24	0°13	17°32	16°21	23°55	n.a.	S 5
S 6	20 38 25	7°46'48	21° 9	3°58	21°52	12°39	18°19	17°52	19°41	11°22	0°14	17°30	16°18	24° 2	n.a.	S 6
M 7	20 42 21	8°45'06	5♍21	5°54	22°59	13°17	18°26	17°59	19°43	11°20	0°15	17°28	16°15	24° 9	n.a.	M 7
T 8	20 46 18	9°43'25	19°43	7°49	24° 6	13°54	18°33	18° 7	19°45	11°19	0°17	17°25	16°12	24°15	n.a.	T 8
W 9	20 50 14	10°41'46	4♎ 8	9°44	25°13	14°32	18°39	18°14	19°47	11°17	0°18	17°22	16° 9	24°22	n.a.	W 9
T 10	20 54 11	11°40'09	18°33	11°38	26°19	15°10	18°45	18°21	19°49	11°15	0°19	17°20	16° 5	24°29	n.a.	T 10
F 11	20 58 8	12°38'33	2♏52	13°31	27°26	15°48	18°52	18°29	19°51	11°14	0°21	17°18	16° 2	24°35	n.a.	F 11
S 12	21 2 4	13°37'00	17° 3	15°23	28°32	16°26	18°58	18°36	19°53	11°12	0°22	17°D18	15°59	24°42	n.a.	S 12
S 13	21 6 1	14°35'27	1♐ 4	17°14	29°38	17° 4	19° 4	18°44	19°55	11°10	0°23	17°19	15°56	24°49	n.a.	S 13
M14	21 9 57	15°33'57	14°54	19° 4	0♎44	17°41	19° 9	18°51	19°57	11° 9	0°25	17°20	15°53	24°56	n.a.	M14
T 15	21 13 54	16°32'28	28°32	20°53	1°49	18°19	19°15	18°58	19°59	11° 7	0°26	17°22	15°49	25° 2	n.a.	T 15
W16	21 17 50	17°31'01	11♑58	22°41	2°55	18°57	19°20	19° 6	20° 1	11° 5	0°27	17°R23	15°46	25° 9	n.a.	W16
T 17	21 21 47	18°29'36	25°11	24°28	4° 0	19°35	19°26	19°13	20° 3	11° 4	0°28	17°22	15°43	25°16	n.a.	T 17
F 18	21 25 43	19°28'13	8♒13	26°14	5° 5	20°12	19°31	19°21	20° 5	11° 2	0°30	17°21	15°40	25°23	n.a.	F 18
S 19	21 29 40	20°26'52	21° 1	27°58	6°10	20°50	19°36	19°28	20° 8	11° 1	0°31	17°17	15°37	25°29	n.a.	S 19
S 20	21 33 37	21°25'33	3♓38	29°42	7°15	21°28	19°40	19°36	20°10	10°59	0°32	17°13	15°34	25°36	n.a.	S 20
M21	21 37 33	22°24'16	16° 1	1♍25	8°19	22° 5	19°45	19°43	20°12	10°57	0°33	17° 7	15°30	25°43	n.a.	M21
T 22	21 41 30	23°23'01	28°14	3° 7	9°24	22°43	19°49	19°50	20°15	10°56	0°34	17° 0	15°27	25°49	n.a.	T 22
W23	21 45 26	24°21'48	10♈17	4°47	10°28	23°21	19°53	19°58	20°17	10°54	0°35	16°54	15°24	25°56	n.a.	W23
T 24	21 49 23	25°20'38	22°13	6°27	11°32	23°58	19°57	20° 5	20°20	10°53	0°36	16°48	15°21	26° 3	n.a.	T 24
F 25	21 53 19	26°19'30	4♉ 5	8° 6	12°35	24°36	20° 1	20°13	20°22	10°51	0°37	16°44	15°18	26°10	n.a.	F 25
S 26	21 57 16	27°18'24	15°57	9°43	13°39	25°13	20° 5	20°20	20°25	10°49	0°38	16°41	15°15	26°16	n.a.	S 26
S 27	22 1 12	28°17'21	27°54	11°20	14°42	25°51	20° 8	20°27	20°27	10°48	0°39	16°D41	15°11	26°23	n.a.	S 27
M28	22 5 9	29°16'20	10♊ 1	12°56	15°45	26°28	20°12	20°35	20°30	10°46	0°40	16°41	15° 8	26°30	n.a.	M28
T 29	22 9 5	0♍15'22	22°22	14°31	16°47	27° 6	20°15	20°42	20°33	10°45	0°41	16°43	15° 5	26°36	n.a.	T 29
W30	22 13 2	1°14'26	5♋ 2	16° 5	17°50	27°43	20°18	20°50	20°35	10°43	0°42	16°44	15° 2	26°43	n.a.	W30
T 31	22 16 59	2♍13'32	18♋ 6	17♍39	18♎52	28♋21	20♉21	20♌57	20♎38	10♒42	0♋43	16°R44	14♋59	26♈50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n44	19n58	2s52	23n 5	1n35	5n24	0s 5	24n22	0n59	16n27	0s54	17n26	1n39	7s17	0n30	18s21	0s51	26n40	2n56	22n34	22n41	4n29		n.a.
W 2	19 31	21 52	1 50	22 48	1 39	4 54	0 10	24 19	0 59	16 29	0 54	17 23	1 39	7 18	0 30	18 22	0 51	26 40	2 57	22 34	22 42	4 31		n.a.
T 3	19 17	22 40	0 41	22 28	1 42	4 23	0 14	24 17	1 0	16 31	0 54	17 21	1 39	7 18	0 30	18 22	0 51	26 40	2 57	22 34	22 42	4 34		n.a.
F 4	19 2	22 12	0n33	22 5	1 45	3 52	0 19	24 14	1 0	16 33	0 54	17 19	1 39	7 19	0 30	18 23	0 51	26 41	2 57	22 34	22 42	4 37		n.a.
S 5	18 48	20 24	1 46	21 41	1 46	3 21	0 23	24 11	1 1	16 35	0 54	17 17	1 39	7 20	0 29	18 23	0 51	26 41	2 57	22 34	22 43	4 39		n.a.
S 6	18 33	17 22	2 55	21 14	1 48	2 51	0 28	24 8	1 1	16 37	0 55	17 14	1 39	7 20	0 29	18 24	0 51	26 41	2 57	22 34	22 43	4 42		n.a.
M 7	18 17	13 16	3 53	20 46	1 48	2 20	0 32	24 5	1 1	16 39	0 55	17 12	1 39	7 21	0 29	18 24	0 51	26 41	2 57	22 34	22 44	4 44		n.a.
T 8	18 2	8 22	4 38	20 16	1 48	1 49	0 37	24 1	1 2	16 41	0 55	17 10	1 39	7 22	0 29	18 25	0 51	26 41	2 57	22 35	22 44	4 47		n.a.
W 9	17 46	3 0	5 6	19 44	1 47	1 18	0 42	23 57	1 2	16 42	0 55	17 7	1 39	7 22	0 29	18 25	0 51	26 41	2 57	22 35	22 44	4 49		n.a.
T 10	17 30	2s31	5 14	19 11	1 45	0 46	0 46	23 54	1 3	16 44	0 55	17 5	1 40	7 23	0 29	18 26	0 51	26 41	2 57	22 36	22 45	4 52		n.a.
F 11	17 13	7 53	5 2	18 37	1 43	0 15	0 51	23 50	1 3	16 46	0 55	17 3	1 40	7 24	0 29	18 26	0 51	26 41	2 58	22 36	22 45	4 55		n.a.
S 12	16 56	12 46	4 33	18 1	1 41	0s16	0 56	23 45	1 4	16 47	0 55	17 1	1 40	7 25	0 29	18 27	0 51	26 41	2 58	22 36	22 46	4 57		n.a.
S 13	16 39	16 55	3 47	17 24	1 38	0 47	1 1	23 41	1 4	16 49	0 55	16 58	1 40	7 26	0 29	18 27	0 51	26 42	2 58	22 36	22 46	5 0		n.a.
M14	16 22	20 4	2 49	16 47	1 34	1 18	1 6	23 36	1 4	16 51	0 55	16 56	1 40	7 26	0 29	18 28	0 51	26 42	2 58	22 35	22 46	5 2		n.a.
T 15	16 4	22 2	1 41	16 8	1 31	1 49	1 11	23 32	1 5	16 52	0 55	16 54	1 40	7 27	0 29	18 28	0 51	26 42	2 58	22 35	22 47	5 5		n.a.
W16	15 46	22 42	0 30	15 29	1 26	2 20	1 16	23 27	1 5	16 53	0 55	16 51	1 40	7 28	0 29	18 28	0 51	26 42	2 58	22 35	22 47	5 8		n.a.
T 17	15 28	22 3	0s43	14 49	1 22	2 51	1 21	23 22	1 6	16 55	0 55	16 49	1 40	7 29	0 29	18 29	0 51	26 42	2 58	22 35	22 47	5 10		n.a.
F 18	15 10	20 13	1 51	14 8	1 17	3 21	1 26	23 17	1 6	16 56	0 55	16 47	1 40	7 30	0 29	18 29	0 51	26 42	2 58	22 35	22 48	5 13		n.a.
S 19	14 51	17 23	2 53	13 27	1 12	3 52	1 31	23 11	1 7	16 57	0 55	16 44	1 40	7 31	0 29	18 30	0 51	26 42	2 59	22 36	22 48	5 15		n.a.
S 20	14 32	13 47	3 45	12 45	1 7	4 23	1 36	23 6	1 7	16 59	0 55	16 42	1 40	7 32	0 29	18 30	0 51	26 42	2 59	22 36	22 49	5 18		n.a.
M21	14 13	9 39	4 26	12 3	1 1	4 53	1 41	23 0	1 7	17 0	0 56	16 40	1 40	7 33	0 29	18 31	0 51	26 43	2 59	22 37	22 49	5 20		n.a.
T 22	13 53	5 11	4 54	11 21	0 55	5 24	1 46	22 54	1 8	17 1	0 56	16 37	1 40	7 34	0 29	18 31	0 51	26 43	2 59	22 38	22 49	5 23		n.a.
W23	13 34	0 35	5 8	10 38	0 49	5 54	1 52	22 48	1 8	17 2	0 56	16 35	1 40	7 34	0 29	18 32	0 51	26 43	2 59	22 39	22 50	5 26		n.a.
T 24	13 14	3n59	5 9	9 55	0 43	6 24	1 57	22 42	1 9	17 3	0 56	16 33	1 40	7 35	0 29	18 32	0 51	26 43	2 59	22 40	22 50	5 28		n.a.
F 25	12 54	8 24	4 56	9 12	0 37	6 54	2 2	22 36	1 9	17 4	0 56	16 31	1 40	7 36	0 29	18 33	0 51	26 43	2 59	22 40	22 50	5 31		n.a.
S 26	12 33	12 30	4 31	8 29	0 30	7 24	2 7	22 29	1 9	17 5	0 56	16 28	1 40	7 37	0 29	18 33	0 51	26 43	2 59	22 40	22 51	5 33		n.a.
S 27	12 13	16 8	3 54	7 46	0 24	7 54	2 13	22 23	1 10	17 6	0 56	16 26	1 41	7 38	0 29	18 33	0 51	26 43	3 0	22 40	22 51	5 36		n.a.
M28	11 52	19 10	3 6	7 2	0 17	8 23	2 18	22 16	1 10	17 7	0 56	16 24	1 41	7 39	0 29	18 34	0 51	26 43	3 0	22 40	22 52	5 39		n.a.
T 29	11 31	21 23	2 8	6 19	0 10	8 52	2 23	22 9	1 11	17 7	0 56	16 21	1 41	7 41	0 29	18 34	0 51	26 44	3 0	22 40	22 52	5 41		n.a.
W30	11 10	22 35	1 3	5 36	0 3	9 21	2 28	22 2	1 11	17 8	0 56	16 19	1 41	7 42	0 29	18 35	0 51	26 44	3 0	22 40	22 52	5 44		n.a.
T 31	10n49	22n37	0n 7	4n52	0s 4	9s50	2s34	21n55	1n11	17n 9	0s56	16n17	1n41	7s43	0n29	18s35	0s51	26n44	3n 0	22n40	22n53	5n46		n.a.

Julian Day Number = 1615712.5, Delta T = 03h50m33s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°04'01, Lahiri = - 7°57'00 Julian Calendar 1 Aug. 290 BCE == Greg. Calendar 28 July 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

SEPTEMBER 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 20 55	3♍12'41	1♌35	19♍11	19♎53	28♋58	20♉23	21♌ 4	20♎41	10°R40	0♋44	16°R43	14♋55	26♈57	n.a.	F 1
S 2	22 24 52	4°11'52	15°30	20°43	20°55	29°35	20°25	21°12	20°44	10♒39	0°45	16♋40	14°52	27° 3	n.a.	S 2
S 3	22 28 48	5°11'05	29°48	22°14	21°56	0♌13	20°28	21°19	20°47	10°37	0°46	16°35	14°49	27°10	n.a.	S 3
M 4	22 32 45	6°10'21	14♍26	23°43	22°57	0°50	20°30	21°26	20°50	10°36	0°47	16°28	14°46	27°17	n.a.	M 4
T 5	22 36 41	7° 9'38	29°15	25°12	23°58	1°28	20°31	21°33	20°53	10°34	0°48	16°20	14°43	27°23	n.a.	T 5
W 6	22 40 38	8° 8'58	14♎ 8	26°41	24°58	2° 5	20°33	21°41	20°56	10°33	0°48	16°12	14°40	27°30	n.a.	W 6
T 7	22 44 34	9° 8'19	28°55	28° 8	25°58	2°42	20°34	21°48	20°59	10°31	0°49	16° 5	14°36	27°37	n.a.	T 7
F 8	22 48 31	10° 7'43	13♏30	29°34	26°57	3°19	20°35	21°55	21° 2	10°30	0°50	16° 0	14°33	27°44	n.a.	F 8
S 9	22 52 28	11° 7'08	27°48	1♎ 0	27°56	3°57	20°36	22° 2	21° 5	10°29	0°51	15°57	14°30	27°50	n.a.	S 9
S 10	22 56 24	12° 6'35	11♐47	2°24	28°55	4°34	20°37	22° 9	21° 8	10°27	0°51	15°D57	14°27	27°57	n.a.	S 10
M11	23 0 21	13° 6'04	25°28	3°48	29°53	5°11	20°38	22°17	21°11	10°26	0°52	15°57	14°24	28° 4	n.a.	M11
T 12	23 4 17	14° 5'35	8♑50	5°11	0♏51	5°48	20°38	22°24	21°14	10°25	0°53	15°58	14°21	28°11	n.a.	T 12
W13	23 8 14	15° 5'08	21°56	6°32	1°48	6°25	20°R38	22°31	21°17	10°23	0°53	15°R58	14°17	28°17	n.a.	W13
T 14	23 12 10	16° 4'43	4♒49	7°53	2°45	7° 2	20°38	22°38	21°20	10°22	0°54	15°56	14°14	28°24	n.a.	T 14
F 15	23 16 7	17° 4'19	17°30	9°12	3°42	7°39	20°38	22°45	21°24	10°21	0°55	15°52	14°11	28°31	n.a.	F 15
S 16	23 20 3	18° 3'58	0♓ 1	10°31	4°38	8°17	20°38	22°52	21°27	10°20	0°55	15°45	14° 8	28°37	n.a.	S 16
S 17	23 24 0	19° 3'38	12°22	11°47	5°33	8°54	20°37	22°59	21°30	10°18	0°56	15°35	14° 5	28°44	n.a.	S 17
M18	23 27 56	20° 3'21	24°35	13° 3	6°28	9°31	20°36	23° 6	21°33	10°17	0°56	15°24	14° 1	28°51	n.a.	M18
T 19	23 31 53	21° 3'05	6♈40	14°17	7°22	10° 8	20°35	23°13	21°37	10°16	0°57	15°11	13°58	28°58	n.a.	T 19
W20	23 35 50	22° 2'52	18°39	15°30	8°16	10°45	20°34	23°19	21°40	10°15	0°57	14°59	13°55	29° 4	n.a.	W20
T 21	23 39 46	23° 2'41	0♉32	16°40	9° 9	11°22	20°33	23°26	21°43	10°14	0°57	14°47	13°52	29°11	n.a.	T 21
F 22	23 43 43	24° 2'32	12°23	17°49	10° 2	11°58	20°31	23°33	21°47	10°13	0°58	14°38	13°49	29°18	n.a.	F 22
S 23	23 47 39	25° 2'26	24°13	18°56	10°53	12°35	20°29	23°40	21°50	10°12	0°58	14°31	13°46	29°24	n.a.	S 23
S 24	23 51 36	26° 2'22	6♊ 8	20° 1	11°45	13°12	20°27	23°46	21°54	10°11	0°59	14°26	13°42	29°31	n.a.	S 24
M25	23 55 32	27° 2'20	18°11	21° 3	12°35	13°49	20°25	23°53	21°57	10°10	0°59	14°25	13°39	29°38	n.a.	M25
T 26	23 59 29	28° 2'20	0♋28	22° 2	13°25	14°26	20°23	24° 0	22° 1	10° 9	0°59	14°D24	13°36	29°45	n.a.	T 26
W27	0 3 25	29° 2'23	13° 3	22°59	14°14	15° 3	20°20	24° 6	22° 4	10° 8	1° 0	14°R24	13°33	29°51	n.a.	W27
T 28	0 7 22	0♎ 2'28	26° 2	23°51	15° 2	15°40	20°17	24°13	22° 8	10° 7	1° 0	14°24	13°30	29°58	n.a.	T 28
F 29	0 11 19	1° 2'35	9♌29	24°41	15°50	16°16	20°14	24°19	22°11	10° 6	1° 0	14°22	13°26	0♉ 5	n.a.	F 29
S 30	0 15 15	2♎ 2'45	23♌26	25♎26	16♏36	16♌53	20♉11	24♌26	22♎15	10♒ 5	1♋ 0	14♋17	13♋23	0♉11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n27	21n20	1n19	4n 9	0s11	10s19	2s39	21n47	1n12	17n 9	0s56	16n14	1n41	7s44	0n29	18s36	0s51	26n44	3n 0	22n40	22n53	5n49		n.a.
S 2	10 5	18 45	2 29	3 26	0 19	10 47	2 44	21 40	1 12	17 10	0 56	16 12	1 41	7 45	0 29	18 36	0 51	26 44	3 0	22 41	22 53	5 52		n.a.
S 3	9 43	14 57	3 31	2 44	0 26	11 15	2 49	21 32	1 13	17 10	0 56	16 10	1 41	7 46	0 29	18 36	0 51	26 44	3 1	22 41	22 54	5 54		n.a.
M 4	9 21	10 11	4 20	2 1	0 33	11 43	2 54	21 24	1 13	17 11	0 57	16 7	1 41	7 47	0 29	18 37	0 51	26 44	3 1	22 42	22 54	5 57		n.a.
T 5	8 59	4 46	4 53	1 19	0 40	12 11	3 0	21 16	1 14	17 11	0 57	16 5	1 41	7 48	0 29	18 37	0 51	26 44	3 1	22 43	22 54	5 59		n.a.
W 6	8 37	0s57	5 6	0 37	0 48	12 38	3 5	21 8	1 14	17 12	0 57	16 3	1 42	7 49	0 29	18 38	0 51	26 45	3 1	22 44	22 55	6 2		n.a.
T 7	8 14	6 34	4 58	0s 5	0 55	13 5	3 10	21 0	1 14	17 12	0 57	16 1	1 42	7 51	0 29	18 38	0 51	26 45	3 1	22 45	22 55	6 4		n.a.
F 8	7 52	11 46	4 32	0 47	1 2	13 32	3 15	20 52	1 15	17 12	0 57	15 58	1 42	7 52	0 29	18 38	0 51	26 45	3 1	22 45	22 55	6 7		n.a.
S 9	7 29	16 12	3 49	1 28	1 9	13 58	3 20	20 43	1 15	17 12	0 57	15 56	1 42	7 53	0 29	18 39	0 51	26 45	3 1	22 46	22 56	6 10		n.a.
S 10	7 6	19 38	2 52	2 8	1 17	14 24	3 25	20 34	1 16	17 13	0 57	15 54	1 42	7 54	0 28	18 39	0 51	26 45	3 2	22 46	22 56	6 12		n.a.
M11	6 43	21 52	1 48	2 48	1 24	14 50	3 30	20 26	1 16	17 13	0 57	15 52	1 42	7 55	0 28	18 39	0 51	26 45	3 2	22 46	22 56	6 15		n.a.
T 12	6 20	22 48	0 38	3 28	1 31	15 15	3 35	20 17	1 16	17 13	0 57	15 49	1 42	7 56	0 28	18 40	0 51	26 45	3 2	22 46	22 57	6 17		n.a.
W13	5 57	22 27	0s32	4 7	1 38	15 40	3 40	20 8	1 17	17 13	0 57	15 47	1 42	7 58	0 28	18 40	0 51	26 46	3 2	22 46	22 57	6 20		n.a.
T 14	5 33	20 53	1 39	4 45	1 44	16 5	3 45	19 59	1 17	17 13	0 57	15 45	1 42	7 59	0 28	18 41	0 51	26 46	3 2	22 46	22 58	6 23		n.a.
F 15	5 10	18 18	2 40	5 23	1 51	16 29	3 50	19 49	1 17	17 12	0 57	15 43	1 43	8 0	0 28	18 41	0 51	26 46	3 2	22 46	22 58	6 25		n.a.
S 16	4 46	14 54	3 32	6 0	1 58	16 53	3 54	19 40	1 18	17 12	0 57	15 41	1 43	8 1	0 28	18 41	0 51	26 46	3 2	22 47	22 58	6 28		n.a.
S 17	4 23	10 53	4 13	6 37	2 4	17 17	3 59	19 31	1 18	17 12	0 57	15 38	1 43	8 3	0 28	18 42	0 51	26 46	3 3	22 48	22 59	6 30		n.a.
M18	3 59	6 29	4 43	7 12	2 10	17 40	4 3	19 21	1 19	17 12	0 57	15 36	1 43	8 4	0 28	18 42	0 51	26 46	3 3	22 50	22 59	6 33		n.a.
T 19	3 35	1 53	4 59	7 47	2 16	18 2	4 8	19 11	1 19	17 12	0 57	15 34	1 43	8 5	0 28	18 42	0 51	26 46	3 3	22 51	22 59	6 35		n.a.
W20	3 11	2n45	5 1	8 21	2 22	18 24	4 12	19 1	1 19	17 11	0 58	15 32	1 43	8 7	0 28	18 42	0 51	26 47	3 3	22 53	23 0	6 38		n.a.
T 21	2 48	7 16	4 51	8 54	2 27	18 46	4 17	18 51	1 20	17 11	0 58	15 30	1 43	8 8	0 28	18 43	0 51	26 47	3 3	22 54	23 0	6 41		n.a.
F 22	2 24	11 30	4 28	9 25	2 32	19 7	4 21	18 41	1 20	17 10	0 58	15 28	1 43	8 9	0 28	18 43	0 51	26 47	3 3	22 55	23 0	6 43		n.a.
S 23	2 0	15 17	3 53	9 55	2 37	19 28	4 25	18 31	1 21	17 10	0 58	15 25	1 44	8 10	0 28	18 43	0 51	26 47	3 3	22 56	23 1	6 46		n.a.
S 24	1 36	18 30	3 8	10 24	2 42	19 48	4 29	18 21	1 21	17 9	0 58	15 23	1 44	8 12	0 28	18 44	0 51	26 47	3 4	22 56	23 1	6 48		n.a.
M25	1 11	20 58	2 14	10 52	2 46	20 8	4 33	18 11	1 21	17 8	0 58	15 21	1 44	8 13	0 28	18 44	0 51	26 47	3 4	22 56	23 1	6 51		n.a.
T 26	0 47	22 30	1 13	11 18	2 50	20 27	4 37	18 0	1 22	17 8	0 58	15 19	1 44	8 14	0 28	18 44	0 51	26 47	3 4	22 56	23 2	6 54		n.a.
W27	0 23	22 58	0 7	11 42	2 53	20 45	4 40	17 50	1 22	17 7	0 58	15 17	1 44	8 16	0 28	18 44	0 51	26 48	3 4	22 56	23 2	6 56		n.a.
T 28	0s 1	22 12	1n 1	12 5	2 55	21 3	4 44	17 39	1 23	17 6	0 58	15 15	1 44	8 17	0 28	18 45	0 51	26 48	3 4	22 56	23 2	6 59		n.a.
F 29	0 25	20 9	2 9	12 25	2 57	21 21	4 47	17 28	1 23	17 5	0 58	15 13	1 45	8 18	0 28	18 45	0 51	26 48	3 4	22 57	23 3	7 1		n.a.
S 30	0s49	16n52	3n11	12s43	2s59	21s38	4s51	17n17	1n23	17n 5	0s58	15n11	1n45	8s20	0n28	18s45	0s51	26n48	3n 4	22n57	23n 3	7n 4		n.a.

Julian Day Number = 1615743.5, Delta T = 03h50m32s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'57, Lahiri = - 7°56'56 Julian Calendar 1 Sept. 290 BCE == Greg. Calendar 28 Aug. 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

OCTOBER 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 19 12	3♎ 2'56	7♍51	26♎ 6	17♏22	17♌30	20°R 8	24♌32	22♎18	10°R 4	1♋ 0	14°R10	13♋20	0♉18	n.a.	S 1
M 2	0 23 8	4° 3'10	22°42	26°41	18° 7	18° 7	20♉ 4	24°38	22°22	10♒ 3	1° 1	14♋ 0	13°17	0°25	n.a.	M 2
T 3	0 27 5	5° 3'25	7♎49	27°10	18°50	18°43	20° 0	24°45	22°26	10° 2	1° 1	13°48	13°14	0°32	n.a.	T 3
W 4	0 31 1	6° 3'43	23° 4	27°33	19°33	19°20	19°56	24°51	22°29	10° 2	1° 1	13°37	13°11	0°38	n.a.	W 4
T 5	0 34 58	7° 4'02	8♏14	27°49	20°15	19°56	19°52	24°57	22°33	10° 1	1° 1	13°27	13° 7	0°45	n.a.	T 5
F 6	0 38 54	8° 4'23	23° 9	27°R57	20°56	20°33	19°48	25° 3	22°36	10° 0	1° 1	13°19	13° 4	0°52	n.a.	F 6
S 7	0 42 51	9° 4'45	7♐43	27°57	21°35	21° 9	19°43	25° 9	22°40	10° 0	1°R 1	13°13	13° 1	0°58	n.a.	S 7
S 8	0 46 47	10° 5'09	21°52	27°48	22°14	21°46	19°39	25°15	22°44	9°59	1° 1	13°11	12°58	1° 5	n.a.	S 8
M 9	0 50 44	11° 5'35	5♑36	27°30	22°51	22°22	19°34	25°21	22°47	9°58	1° 1	13°10	12°55	1°12	n.a.	M 9
T 10	0 54 41	12° 6'02	18°55	27° 1	23°27	22°59	19°29	25°27	22°51	9°58	1° 1	13°10	12°52	1°19	n.a.	T 10
W11	0 58 37	13° 6'30	1♒53	26°23	24° 1	23°35	19°23	25°33	22°55	9°57	1° 1	13° 9	12°48	1°25	n.a.	W11
T 12	1 2 34	14° 7'00	14°34	25°35	24°34	24°12	19°18	25°39	22°59	9°57	1° 1	13° 7	12°45	1°32	n.a.	T 12
F 13	1 6 30	15° 7'32	27° 1	24°37	25° 6	24°48	19°13	25°44	23° 2	9°56	1° 0	13° 2	12°42	1°39	n.a.	F 13
S 14	1 10 27	16° 8'04	9♓18	23°31	25°36	25°24	19° 7	25°50	23° 6	9°56	1° 0	12°53	12°39	1°46	n.a.	S 14
S 15	1 14 23	17° 8'39	21°27	22°18	26° 5	26° 1	19° 1	25°55	23°10	9°55	1° 0	12°42	12°36	1°52	n.a.	S 15
M16	1 18 20	18° 9'14	3♈30	21° 0	26°32	26°37	18°55	26° 1	23°13	9°55	1° 0	12°28	12°32	1°59	n.a.	M16
T 17	1 22 16	19° 9'51	15°27	19°39	26°57	27°13	18°49	26° 6	23°17	9°55	1° 0	12°14	12°29	2° 6	n.a.	T 17
W18	1 26 13	20°10'30	27°22	18°19	27°20	27°49	18°43	26°12	23°21	9°54	0°59	11°59	12°26	2°12	n.a.	W18
T 19	1 30 10	21°11'11	9♉14	17° 0	27°42	28°25	18°36	26°17	23°25	9°54	0°59	11°45	12°23	2°19	n.a.	T 19
F 20	1 34 6	22°11'53	21° 4	15°48	28° 1	29° 2	18°30	26°22	23°28	9°54	0°59	11°34	12°20	2°26	n.a.	F 20
S 21	1 38 3	23°12'36	2♊57	14°42	28°19	29°38	18°23	26°27	23°32	9°54	0°58	11°25	12°17	2°33	n.a.	S 21
S 22	1 41 59	24°13'21	14°53	13°46	28°35	0♍14	18°16	26°32	23°36	9°53	0°58	11°20	12°13	2°39	n.a.	S 22
M23	1 45 56	25°14'08	26°56	13° 0	28°49	0°50	18° 9	26°37	23°40	9°53	0°57	11°17	12°10	2°46	n.a.	M23
T 24	1 49 52	26°14'57	9♋11	12°26	29° 0	1°26	18° 2	26°42	23°43	9°53	0°57	11°D16	12° 7	2°53	n.a.	T 24
W25	1 53 49	27°15'47	21°43	12° 3	29°10	2° 2	17°55	26°47	23°47	9°53	0°57	11°R16	12° 4	2°59	n.a.	W25
T 26	1 57 45	28°16'39	4♌35	11°D53	29°17	2°38	17°48	26°52	23°51	9°53	0°56	11°16	12° 1	3° 6	n.a.	T 26
F 27	2 1 42	29°17'33	17°54	11°53	29°21	3°13	17°41	26°57	23°55	9°D53	0°56	11°14	11°57	3°13	n.a.	F 27
S 28	2 5 39	0♏18'27	1♍41	12° 3	29°24	3°49	17°33	27° 1	23°58	9°53	0°55	11°11	11°54	3°20	n.a.	S 28
S 29	2 9 35	1°19'24	15°58	12°24	29°R24	4°25	17°26	27° 6	24° 2	9°53	0°55	11° 5	11°51	3°26	n.a.	S 29
M30	2 13 32	2°20'22	0♎44	12°53	29°22	5° 1	17°18	27°10	24° 6	9°53	0°54	10°56	11°48	3°33	n.a.	M30
T 31	2 17 28	3♏21'21	15♎51	13♎30	29♏17	5♍36	17♉10	27♌15	24♎ 9	9♒53	0♋53	10♋46	11♋45	3♉40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	1s14	12n28	4n 3	12s58	2s59	21s54	4s54	17n 6	1n24	17n 4	0s58	15n 9	1n45	8s21	0n28	18s45	0s51	26n48	3n 5	22n58	23n 3	7n 7					n.a.
M 2	1 38	7 13	4 40	13 11	2 59	22 10	4 57	16 55	1 24	17 3	0 58	15 7	1 45	8 23	0 28	18 46	0 51	26 48	3 5	22 59	23 3	7 9					n.a.
T 3	2 2	1 25	4 59	13 20	2 57	22 26	5 0	16 44	1 24	17 2	0 58	15 5	1 45	8 24	0 28	18 46	0 51	26 48	3 5	23 0	23 4	7 12					n.a.
W 4	2 26	4s29	4 56	13 27	2 55	22 40	5 2	16 33	1 25	17 0	0 58	15 3	1 45	8 25	0 28	18 46	0 51	26 49	3 5	23 1	23 4	7 14					n.a.
T 5	2 50	10 7	4 33	13 29	2 51	22 54	5 5	16 21	1 25	16 59	0 58	15 1	1 46	8 27	0 28	18 46	0 51	26 49	3 5	23 3	23 4	7 17					n.a.
F 6	3 14	15 3	3 51	13 28	2 47	23 8	5 7	16 10	1 26	16 58	0 58	14 59	1 46	8 28	0 28	18 46	0 51	26 49	3 5	23 3	23 5	7 19					n.a.
S 7	3 38	18 59	2 55	13 22	2 40	23 21	5 9	15 58	1 26	16 57	0 58	14 57	1 46	8 29	0 28	18 46	0 51	26 49	3 6	23 4	23 5	7 22					n.a.
S 8	4 2	21 39	1 50	13 11	2 33	23 33	5 11	15 47	1 26	16 56	0 58	14 55	1 46	8 31	0 28	18 47	0 51	26 49	3 6	23 4	23 5	7 25					n.a.
M 9	4 26	22 57	0 40	12 56	2 23	23 44	5 12	15 35	1 27	16 54	0 58	14 53	1 46	8 32	0 28	18 47	0 51	26 49	3 6	23 4	23 6	7 27					n.a.
T 10	4 50	22 53	0s30	12 35	2 12	23 55	5 14	15 23	1 27	16 53	0 58	14 52	1 46	8 34	0 28	18 47	0 51	26 50	3 6	23 4	23 6	7 30					n.a.
W11	5 14	21 33	1 37	12 9	1 59	24 5	5 15	15 12	1 27	16 51	0 58	14 50	1 47	8 35	0 28	18 47	0 51	26 50	3 6	23 4	23 6	7 32					n.a.
T 12	5 38	19 10	2 38	11 38	1 45	24 14	5 16	15 0	1 28	16 50	0 58	14 48	1 47	8 36	0 28	18 47	0 51	26 50	3 6	23 4	23 7	7 35					n.a.
F 13	6 2	15 55	3 29	11 1	1 28	24 23	5 16	14 48	1 28	16 48	0 58	14 46	1 47	8 38	0 28	18 47	0 51	26 50	3 6	23 5	23 7	7 38					n.a.
S 14	6 25	12 2	4 10	10 20	1 11	24 31	5 17	14 36	1 29	16 47	0 58	14 44	1 47	8 39	0 28	18 47	0 51	26 50	3 7	23 6	23 7	7 40					n.a.
S 15	6 49	7 42	4 39	9 35	0 51	24 38	5 17	14 24	1 29	16 45	0 58	14 43	1 47	8 41	0 28	18 47	0 51	26 50	3 7	23 7	23 8	7 43					n.a.
M16	7 12	3 6	4 56	8 47	0 31	24 44	5 17	14 11	1 29	16 44	0 58	14 41	1 48	8 42	0 28	18 48	0 51	26 50	3 7	23 8	23 8	7 45					n.a.
T 17	7 35	1n34	4 59	7 57	0 11	24 50	5 16	13 59	1 30	16 42	0 58	14 39	1 48	8 43	0 28	18 48	0 51	26 51	3 7	23 10	23 8	7 48					n.a.
W18	7 59	6 10	4 49	7 7	0n10	24 54	5 15	13 47	1 30	16 40	0 58	14 38	1 48	8 45	0 28	18 48	0 51	26 51	3 7	23 11	23 8	7 50					n.a.
T 19	8 22	10 32	4 26	6 18	0 30	24 58	5 14	13 35	1 30	16 39	0 58	14 36	1 48	8 46	0 28	18 48	0 51	26 51	3 7	23 12	23 9	7 53					n.a.
F 20	8 45	14 31	3 52	5 31	0 50	25 1	5 12	13 22	1 31	16 37	0 58	14 34	1 48	8 48	0 28	18 48	0 51	26 51	3 7	23 13	23 9	7 56					n.a.
S 21	9 8	17 56	3 8	4 49	1 8	25 3	5 10	13 10	1 31	16 35	0 58	14 33	1 49	8 49	0 28	18 48	0 51	26 51	3 8	23 14	23 9	7 58					n.a.
S 22	9 30	20 38	2 15	4 12	1 24	25 4	5 7	12 57	1 32	16 33	0 58	14 31	1 49	8 50	0 28	18 48	0 51	26 51	3 8	23 14	23 10	8 1					n.a.
M23	9 53	22 26	1 15	3 41	1 39	25 5	5 4	12 44	1 32	16 31	0 58	14 30	1 49	8 52	0 28	18 48	0 51	26 52	3 8	23 15	23 10	8 3					n.a.
T 24	10 15	23 13	0 11	3 15	1 52	25 4	5 1	12 32	1 32	16 29	0 58	14 28	1 49	8 53	0 28	18 48	0 51	26 52	3 8	23 15	23 10	8 6					n.a.
W25	10 37	22 52	0n55	2 57	2 3	25 2	4 57	12 19	1 33	16 27	0 58	14 27	1 50	8 55	0 28	18 48	0 51	26 52	3 8	23 15	23 10	8 8					n.a.
T 26	10 59	21 18	2 0	2 44	2 11	25 0	4 53	12 6	1 33	16 25	0 58	14 25	1 50	8 56	0 28	18 48	0 51	26 52	3 8	23 15	23 11	8 11					n.a.
F 27	11 21	18 32	3 1	2 38	2 18	24 56	4 48	11 54	1 33	16 23	0 58	14 24	1 50	8 57	0 28	18 48	0 51	26 52	3 9	23 15	23 11	8 14					n.a.
S 28	11 43	14 38	3 54	2 37	2 24	24 52	4 43	11 41	1 34	16 21	0 58	14 22	1 50	8 59	0 28	18 48	0 51	26 52	3 9	23 15	23 11	8 16					n.a.
S 29	12 5	9 48	4 34	2 42	2 27	24 46	4 37	11 28	1 34	16 19	0 57	14 21	1 50	9 0	0 28	18 48	0 51	26 52	3 9	23 16	23 12	8 19					n.a.
M30	12 26	4 15	4 58	2 51	2 30	24 39	4 30	11 15	1 34	16 17	0 57	14 20	1 51	9 2	0 28	18 48	0 51	26 53	3 9	23 16	23 12	8 21					n.a.
T 31	12s47	1s41	5n 1	3s 5	2n30	24s31	4s23	11n 2	1n35	16n15	0s57	14n18	1n51	9s 3	0n28	18s48	0s51	26n53	3n 9	23n17	23n12	8n24					n.a.

Julian Day Number = 1615773.5, Delta T = 03h50m31s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'52, Lahiri = - 7°56'52 Julian Calendar 1 Oct. 290 BCE == Greg. Calendar 27 Sept. 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

NOVEMBER 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 21 25	4♏22'21	1♏10	14♎14	29°R10	6♍12	17°R 2	27♌19	24♎13	9♒54	0°R53	10°R35	11♋42	3♉46	n.a.	W 1
T 2	2 25 21	5°23'23	16°30	15° 5	29♏ 0	6°48	16♉55	27°23	24°17	9°54	0♋52	10♋26	11°38	3°53	n.a.	T 2
F 3	2 29 18	6°24'26	1♐40	16° 1	28°48	7°23	16°47	27°27	24°20	9°54	0°51	10°18	11°35	4° 0	n.a.	F 3
S 4	2 33 14	7°25'29	16°30	17° 1	28°33	7°59	16°39	27°31	24°24	9°54	0°51	10°13	11°32	4° 6	n.a.	S 4
S 5	2 37 11	8°26'34	0♑53	18° 6	28°16	8°34	16°31	27°35	24°28	9°55	0°50	10°11	11°29	4°13	n.a.	S 5
M 6	2 41 8	9°27'39	14°48	19°15	27°57	9°10	16°23	27°39	24°31	9°55	0°49	10°D11	11°26	4°20	n.a.	M 6
T 7	2 45 4	10°28'45	28°15	20°26	27°35	9°45	16°14	27°43	24°35	9°55	0°49	10°11	11°23	4°27	n.a.	T 7
W 8	2 49 1	11°29'51	11♒16	21°41	27°11	10°20	16° 6	27°47	24°39	9°56	0°48	10°R12	11°19	4°33	n.a.	W 8
T 9	2 52 57	12°30'58	23°56	22°58	26°45	10°56	15°58	27°50	24°42	9°56	0°47	10°11	11°16	4°40	n.a.	T 9
F 10	2 56 54	13°32'05	6♓19	24°16	26°17	11°31	15°50	27°54	24°46	9°57	0°46	10° 8	11°13	4°47	n.a.	F 10
S 11	3 0 50	14°33'13	18°29	25°37	25°47	12° 6	15°42	27°57	24°50	9°57	0°45	10° 3	11°10	4°53	n.a.	S 11
S 12	3 4 47	15°34'21	0♈31	26°59	25°16	12°41	15°34	28° 0	24°53	9°58	0°44	9°55	11° 7	5° 0	n.a.	S 12
M13	3 8 43	16°35'30	12°27	28°22	24°43	13°16	15°25	28° 4	24°57	9°58	0°44	9°46	11° 3	5° 7	n.a.	M13
T 14	3 12 40	17°36'39	24°19	29°46	24° 9	13°51	15°17	28° 7	25° 0	9°59	0°43	9°35	11° 0	5°14	n.a.	T 14
W15	3 16 37	18°37'49	6♉11	1♏12	23°34	14°26	15° 9	28°10	25° 4	9°59	0°42	9°25	10°57	5°20	n.a.	W15
T 16	3 20 33	19°39'00	18° 4	2°38	22°58	15° 1	15° 1	28°13	25° 7	10° 0	0°41	9°15	10°54	5°27	n.a.	T 16
F 17	3 24 30	20°40'11	29°58	4° 5	22°22	15°36	14°53	28°16	25°11	10° 1	0°40	9° 7	10°51	5°34	n.a.	F 17
S 18	3 28 26	21°41'23	11♊56	5°33	21°45	16°11	14°45	28°18	25°14	10° 2	0°39	9° 1	10°48	5°40	n.a.	S 18
S 19	3 32 23	22°42'35	24° 0	7° 1	21° 9	16°46	14°37	28°21	25°18	10° 2	0°38	8°57	10°44	5°47	n.a.	S 19
M20	3 36 19	23°43'48	6♋11	8°30	20°32	17°20	14°29	28°23	25°21	10° 3	0°37	8°D56	10°41	5°54	n.a.	M20
T 21	3 40 16	24°45'01	18°33	9°59	19°57	17°55	14°21	28°26	25°24	10° 4	0°36	8°56	10°38	6° 1	n.a.	T 21
W22	3 44 13	25°46'15	1♌ 8	11°28	19°22	18°30	14°13	28°28	25°28	10° 5	0°35	8°57	10°35	6° 7	n.a.	W22
T 23	3 48 9	26°47'30	14° 1	12°58	18°48	19° 4	14° 5	28°30	25°31	10° 6	0°34	8°59	10°32	6°14	n.a.	T 23
F 24	3 52 6	27°48'45	27°15	14°29	18°15	19°39	13°57	28°33	25°34	10° 7	0°33	9°R 0	10°29	6°21	n.a.	F 24
S 25	3 56 2	28°50'01	10♍52	16° 0	17°44	20°13	13°50	28°35	25°38	10° 8	0°31	8°59	10°25	6°27	n.a.	S 25
S 26	3 59 59	29°51'17	24°55	17°31	17°14	20°47	13°42	28°36	25°41	10° 9	0°30	8°56	10°22	6°34	n.a.	S 26
M27	4 3 55	0♐52'33	9♎23	19° 2	16°46	21°22	13°35	28°38	25°44	10°10	0°29	8°52	10°19	6°41	n.a.	M27
T 28	4 7 52	1°53'50	24°12	20°34	16°20	21°56	13°27	28°40	25°47	10°11	0°28	8°47	10°16	6°48	n.a.	T 28
W29	4 11 48	2°55'07	9♏16	22° 6	15°57	22°30	13°20	28°42	25°51	10°12	0°27	8°41	10°13	6°54	n.a.	W29
T 30	4 15 45	3♐56'25	24♏27	23♏38	15♏35	23♍ 4	13♉13	28♌43	25♎54	10♒13	0♋26	8♋36	10♋ 9	7♉ 1	n.a.	T 30

Day	☉		☽			☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl		decl	lat		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s 8		7s36	4n43		3s23	2n30	24s22	4s16	10n49	1n35	16n13	0s57	14n17	1n51	9s 4	0n28	18s48	0s51	26n53	3n 9	23n18	23n12	8n27		n.a.
T 2	13 29		13 4	4 5		3 43	2 29	24 12	4 8	10 36	1 35	16 11	0 57	14 16	1 51	9 6	0 28	18 48	0 51	26 53	3 9	23 19	23 13	8 29		n.a.
F 3	13 49		17 39	3 10		4 7	2 27	24 1	3 59	10 23	1 36	16 9	0 57	14 15	1 52	9 7	0 28	18 48	0 51	26 53	3 10	23 19	23 13	8 32		n.a.
S 4	14 9		21 0	2 3		4 33	2 24	23 48	3 49	10 10	1 36	16 6	0 57	14 14	1 52	9 8	0 28	18 47	0 50	26 53	3 10	23 20	23 13	8 34		n.a.
S 5	14 29		22 54	0 49		5 2	2 20	23 35	3 40	9 57	1 37	16 4	0 57	14 12	1 52	9 10	0 28	18 47	0 50	26 53	3 10	23 20	23 14	8 37		n.a.
M 6	14 49		23 18	0s25		5 32	2 16	23 20	3 29	9 43	1 37	16 2	0 57	14 11	1 52	9 11	0 28	18 47	0 50	26 54	3 10	23 20	23 14	8 39		n.a.
T 7	15 9		22 19	1 35		6 4	2 11	23 4	3 18	9 30	1 37	16 0	0 57	14 10	1 53	9 12	0 28	18 47	0 50	26 54	3 10	23 20	23 14	8 42		n.a.
W 8	15 28		20 8	2 38		6 37	2 6	22 47	3 6	9 17	1 38	15 57	0 56	14 9	1 53	9 14	0 28	18 47	0 50	26 54	3 10	23 20	23 14	8 45		n.a.
T 9	15 47		17 2	3 32		7 10	2 0	22 29	2 54	9 4	1 38	15 55	0 56	14 8	1 53	9 15	0 28	18 47	0 50	26 54	3 10	23 20	23 15	8 47		n.a.
F 10	16 6		13 14	4 14		7 45	1 54	22 10	2 41	8 51	1 38	15 53	0 56	14 7	1 53	9 17	0 28	18 47	0 50	26 54	3 10	23 20	23 15	8 50		n.a.
S 11	16 24		8 57	4 44		8 21	1 48	21 50	2 28	8 37	1 39	15 51	0 56	14 6	1 54	9 18	0 28	18 47	0 50	26 54	3 11	23 21	23 15	8 52		n.a.
S 12	16 42		4 23	5 1		8 57	1 42	21 29	2 14	8 24	1 39	15 48	0 56	14 5	1 54	9 19	0 28	18 46	0 50	26 54	3 11	23 21	23 16	8 55		n.a.
M13	17 0		0n18	5 5		9 33	1 35	21 7	2 0	8 11	1 39	15 46	0 56	14 4	1 54	9 20	0 28	18 46	0 50	26 55	3 11	23 22	23 16	8 57		n.a.
T 14	17 17		4 58	4 55		10 9	1 28	20 44	1 45	7 57	1 40	15 44	0 56	14 3	1 54	9 22	0 28	18 46	0 50	26 55	3 11	23 23	23 16	9 0		n.a.
W15	17 35		9 27	4 33		10 46	1 21	20 21	1 30	7 44	1 40	15 42	0 56	14 3	1 55	9 23	0 28	18 46	0 50	26 55	3 11	23 23	23 16	9 3		n.a.
T 16	17 52		13 36	3 59		11 22	1 14	19 57	1 15	7 31	1 40	15 39	0 55	14 2	1 55	9 24	0 28	18 46	0 50	26 55	3 11	23 24	23 17	9 5		n.a.
F 17	18 8		17 14	3 14		11 59	1 7	19 33	1 0	7 17	1 41	15 37	0 55	14 1	1 55	9 26	0 28	18 45	0 50	26 55	3 11	23 25	23 17	9 8		n.a.
S 18	18 24		20 11	2 20		12 35	1 0	19 8	0 44	7 4	1 41	15 35	0 55	14 0	1 55	9 27	0 28	18 45	0 50	26 55	3 12	23 25	23 17	9 10		n.a.
S 19	18 40		22 16	1 20		13 12	0 53	18 43	0 29	6 50	1 41	15 33	0 55	14 0	1 56	9 28	0 28	18 45	0 50	26 55	3 12	23 25	23 17	9 13		n.a.
M20	18 56		23 20	0 15		13 47	0 45	18 19	0 13	6 37	1 42	15 30	0 55	13 59	1 56	9 29	0 28	18 45	0 50	26 55	3 12	23 25	23 18	9 15		n.a.
T 21	19 11		23 17	0n52		14 23	0 38	17 54	0n 2	6 24	1 42	15 28	0 55	13 58	1 56	9 31	0 28	18 44	0 50	26 56	3 12	23 25	23 18	9 18		n.a.
W22	19 26		22 3	1 57		14 58	0 31	17 30	0 18	6 10	1 42	15 26	0 54	13 58	1 56	9 32	0 28	18 44	0 50	26 56	3 12	23 25	23 18	9 20		n.a.
T 23	19 41		19 40	2 59		15 33	0 24	17 6	0 33	5 57	1 43	15 24	0 54	13 57	1 57	9 33	0 28	18 44	0 50	26 56	3 12	23 25	23 18	9 23		n.a.
F 24	19 55		16 12	3 52		16 7	0 17	16 42	0 48	5 44	1 43	15 22	0 54	13 57	1 57	9 34	0 28	18 44	0 50	26 56	3 12	23 25	23 19	9 26		n.a.
S 25	20 8		11 48	4 34		16 40	0 10	16 19	1 3	5 30	1 43	15 20	0 54	13 56	1 57	9 36	0 28	18 43	0 50	26 56	3 12	23 25	23 19	9 28		n.a.
S 26	20 22		6 39	5 1		17 13	0 3	15 57	1 17	5 17	1 44	15 18	0 54	13 56	1 57	9 37	0 28	18 43	0 50	26 56	3 12	23 25	23 19	9 31		n.a.
M27	20 35		0 59	5 11		17 46	0s 4	15 35	1 32	5 3	1 44	15 15	0 53	13 56	1 58	9 38	0 28	18 43	0 50	26 56	3 13	23 26	23 19	9 33		n.a.
T 28	20 48		4s51	5 0		18 17	0 11	15 15	1 45	4 50	1 44	15 13	0 53	13 55	1 58	9 39	0 28	18 43	0 50	26 56	3 13	23 26	23 20	9 36		n.a.
W29	21 0		10 32	4 28		18 48	0 18	14 55	1 58	4 37	1 45	15 11	0 53	13 55	1 58	9 40	0 28	18 42	0 50	26 57	3 13	23 26	23 20	9 38		n.a.
T 30	21s12		15s36	3n37		19s18	0s25	14s37	2n11	4n23	1n45	15n 9	0s53	13n55	1n59	9s41	0n28	18s42	0s50	26n57	3n13	23n27	23n20	9n41		n.a.

Julian Day Number = 1615804.5, Delta T = 03h50m30s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'48, Lahiri = - 7°56'48 Julian Calendar 1 Nov. 290 BCE == Greg. Calendar 28 Oct. 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 290 BCE
geocentric

DECEMBER 290 BCE (-289) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 19 42	4♐57'42	9♐33	25♏11	15°R16	23♍38	13°R 6	28♌44	25♎57	10♒14	0°R25	8°R32	10♋ 6	7♉ 8	n.a.	F 1
S 2	4 23 38	5°59'00	24°25	26°44	14♏59	24°12	12♉59	28°46	26° 0	10°16	0♋23	8♋30	10° 3	7°14	n.a.	S 2
S 3	4 27 35	7° 0'17	8♑56	28°17	14°45	24°46	12°52	28°47	26° 3	10°17	0°22	8°D29	10° 0	7°21	n.a.	S 3
M 4	4 31 31	8° 1'34	23° 1	29°51	14°33	25°19	12°45	28°48	26° 6	10°18	0°21	8°29	9°57	7°28	n.a.	M 4
T 5	4 35 28	9° 2'51	6♒38	1♐25	14°23	25°53	12°38	28°49	26° 9	10°19	0°20	8°31	9°54	7°35	n.a.	T 5
W 6	4 39 24	10° 4'07	19°48	2°59	14°16	26°27	12°32	28°50	26°12	10°21	0°18	8°33	9°50	7°41	n.a.	W 6
T 7	4 43 21	11° 5'22	2♓35	4°34	14°11	27° 0	12°26	28°51	26°15	10°22	0°17	8°34	9°47	7°48	n.a.	T 7
F 8	4 47 17	12° 6'37	15° 1	6° 9	14°D 9	27°34	12°19	28°51	26°18	10°23	0°16	8°R34	9°44	7°55	n.a.	F 8
S 9	4 51 14	13° 7'52	27°12	7°45	14°10	28° 7	12°13	28°52	26°21	10°25	0°15	8°33	9°41	8° 1	n.a.	S 9
S 10	4 55 11	14° 9'05	9♈12	9°20	14°12	28°40	12° 7	28°52	26°24	10°26	0°13	8°31	9°38	8° 8	n.a.	S 10
M11	4 59 7	15°10'18	21° 6	10°57	14°18	29°13	12° 2	28°52	26°26	10°28	0°12	8°28	9°35	8°15	n.a.	M11
T 12	5 3 4	16°11'31	2♉56	12°34	14°25	29°46	11°56	28°53	26°29	10°29	0°11	8°24	9°31	8°21	n.a.	T 12
W13	5 7 0	17°12'43	14°48	14°11	14°35	0♎19	11°51	28°R53	26°32	10°31	0°10	8°20	9°28	8°28	n.a.	W13
T 14	5 10 57	18°13'54	26°43	15°48	14°47	0°52	11°45	28°53	26°35	10°32	0° 8	8°17	9°25	8°35	n.a.	T 14
F 15	5 14 53	19°15'04	8♊43	17°27	15° 1	1°25	11°40	28°52	26°37	10°34	0° 7	8°14	9°22	8°42	n.a.	F 15
S 16	5 18 50	20°16'14	20°51	19° 5	15°17	1°58	11°35	28°52	26°40	10°35	0° 6	8°12	9°19	8°48	n.a.	S 16
S 17	5 22 47	21°17'23	3♋ 7	20°45	15°35	2°30	11°31	28°52	26°42	10°37	0° 4	8°D11	9°15	8°55	n.a.	S 17
M18	5 26 43	22°18'32	15°34	22°24	15°56	3° 3	11°26	28°51	26°45	10°39	0° 3	8°11	9°12	9° 2	n.a.	M18
T 19	5 30 40	23°19'40	28°11	24° 5	16°18	3°35	11°22	28°51	26°47	10°40	0° 2	8°12	9° 9	9° 8	n.a.	T 19
W20	5 34 36	24°20'47	11♌ 2	25°45	16°42	4° 8	11°18	28°50	26°50	10°42	0° 0	8°13	9° 6	9°15	n.a.	W20
T 21	5 38 33	25°21'54	24° 7	27°27	17° 8	4°40	11°14	28°49	26°52	10°44	29♊59	8°14	9° 3	9°22	n.a.	T 21
F 22	5 42 29	26°23'00	7♍27	29° 9	17°35	5°12	11°10	28°49	26°55	10°45	29°58	8°15	9° 0	9°29	n.a.	F 22
S 23	5 46 26	27°24'06	21° 4	0♑51	18° 4	5°44	11° 6	28°48	26°57	10°47	29°56	8°16	8°56	9°35	n.a.	S 23
S 24	5 50 22	28°25'11	4♎59	2°34	18°35	6°16	11° 3	28°46	26°59	10°49	29°55	8°R16	8°53	9°42	n.a.	S 24
M25	5 54 19	29°26'15	19°11	4°17	19° 8	6°47	10°59	28°45	27° 1	10°51	29°54	8°16	8°50	9°49	n.a.	M25
T 26	5 58 16	0♑27'19	3♏37	6° 1	19°41	7°19	10°56	28°44	27° 3	10°52	29°52	8°15	8°47	9°55	n.a.	T 26
W27	6 2 12	1°28'22	18°16	7°46	20°17	7°51	10°53	28°43	27° 6	10°54	29°51	8°14	8°44	10° 2	n.a.	W27
T 28	6 6 9	2°29'24	3♐ 0	9°31	20°53	8°22	10°51	28°41	27° 8	10°56	29°49	8°13	8°41	10° 9	n.a.	T 28
F 29	6 10 5	3°30'25	17°44	11°16	21°31	8°53	10°48	28°39	27°10	10°58	29°48	8°13	8°37	10°15	n.a.	F 29
S 30	6 14 2	4°31'26	2♑20	13° 1	22°10	9°24	10°46	28°38	27°12	11° 0	29°47	8°D13	8°34	10°22	n.a.	S 30
S 31	6 17 58	5♑32'25	16♑42	14♑47	22♏51	9♎55	10♉44	28♌36	27♎14	11♒ 2	29♊45	8♋13	8♋31	10♉29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s23	19 s39	2n31	19 s48	0 s31	14 s20	2n23	4n10	1n45	15n 7	0 s53	13n54	1n59	9 s43	0n28	18 s42	0 s50	26n57	3n13	23n27	23n20	9n44		n.a.
S 2	21 34	22 21	1 16	20 16	0 37	14 4	2 35	3 57	1 46	15 5	0 52	13 54	1 59	9 44	0 28	18 41	0 50	26 57	3 13	23 27	23 21	9 46		n.a.
S 3	21 45	23 28	0 s 2	20 44	0 44	13 49	2 46	3 43	1 46	15 4	0 52	13 54	1 59	9 45	0 28	18 41	0 50	26 57	3 13	23 27	23 21	9 49		n.a.
M 4	21 55	23 2	1 19	21 10	0 50	13 35	2 56	3 30	1 46	15 2	0 52	13 54	2 0	9 46	0 28	18 40	0 50	26 57	3 13	23 27	23 21	9 51		n.a.
T 5	22 4	21 14	2 28	21 36	0 56	13 23	3 6	3 17	1 47	15 0	0 52	13 54	2 0	9 47	0 28	18 40	0 50	26 57	3 13	23 27	23 21	9 54		n.a.
W 6	22 14	18 20	3 27	22 1	1 1	13 12	3 16	3 4	1 47	14 58	0 51	13 54	2 0	9 48	0 28	18 40	0 50	26 57	3 14	23 27	23 22	9 56		n.a.
T 7	22 23	14 38	4 14	22 24	1 7	13 2	3 25	2 51	1 47	14 56	0 51	13 54	2 0	9 49	0 28	18 39	0 50	26 57	3 14	23 27	23 22	9 59		n.a.
F 8	22 31	10 23	4 48	22 47	1 12	12 53	3 33	2 37	1 48	14 55	0 51	13 54	2 1	9 50	0 28	18 39	0 50	26 58	3 14	23 27	23 22	10 1		n.a.
S 9	22 39	5 49	5 8	23 8	1 17	12 46	3 41	2 24	1 48	14 53	0 51	13 54	2 1	9 51	0 28	18 39	0 50	26 58	3 14	23 27	23 22	10 4		n.a.
S 10	22 47	1 7	5 14	23 29	1 22	12 40	3 48	2 11	1 48	14 52	0 51	13 54	2 1	9 52	0 28	18 38	0 50	26 58	3 14	23 27	23 23	10 7		n.a.
M11	22 54	3n36	5 7	23 48	1 27	12 35	3 55	1 58	1 49	14 50	0 50	13 54	2 2	9 53	0 28	18 38	0 50	26 58	3 14	23 27	23 23	10 9		n.a.
T 12	23 0	8 10	4 46	24 5	1 32	12 31	4 1	1 45	1 49	14 48	0 50	13 54	2 2	9 54	0 28	18 37	0 50	26 58	3 14	23 28	23 23	10 12		n.a.
W13	23 6	12 26	4 13	24 22	1 36	12 28	4 7	1 32	1 49	14 47	0 50	13 55	2 2	9 55	0 28	18 37	0 50	26 58	3 14	23 28	23 23	10 14		n.a.
T 14	23 12	16 16	3 29	24 37	1 40	12 27	4 12	1 19	1 49	14 46	0 50	13 55	2 2	9 56	0 28	18 36	0 50	26 58	3 14	23 28	23 23	10 17		n.a.
F 15	23 17	19 28	2 36	24 51	1 44	12 26	4 17	1 6	1 50	14 44	0 49	13 55	2 3	9 57	0 28	18 36	0 50	26 58	3 14	23 28	23 24	10 19		n.a.
S 16	23 22	21 50	1 34	25 3	1 47	12 27	4 22	0 53	1 50	14 43	0 49	13 55	2 3	9 58	0 28	18 36	0 50	26 58	3 15	23 28	23 24	10 22		n.a.
S 17	23 26	23 14	0 28	25 14	1 50	12 28	4 26	0 41	1 50	14 42	0 49	13 56	2 3	9 59	0 28	18 35	0 50	26 58	3 15	23 28	23 24	10 24		n.a.
M18	23 30	23 29	0n41	25 23	1 53	12 31	4 29	0 28	1 51	14 41	0 49	13 56	2 3	10 0	0 28	18 35	0 50	26 58	3 15	23 28	23 24	10 27		n.a.
T 19	23 34	22 33	1 48	25 31	1 56	12 34	4 32	0 15	1 51	14 39	0 48	13 57	2 4	10 1	0 28	18 34	0 50	26 59	3 15	23 28	23 25	10 29		n.a.
W20	23 36	20 25	2 52	25 37	1 58	12 38	4 35	0 2	1 51	14 38	0 48	13 57	2 4	10 2	0 28	18 34	0 50	26 59	3 15	23 28	23 25	10 32		n.a.
T 21	23 39	17 13	3 48	25 42	1 59	12 43	4 38	0 s10	1 52	14 37	0 48	13 58	2 4	10 3	0 28	18 33	0 50	26 59	3 15	23 28	23 25	10 34		n.a.
F 22	23 41	13 5	4 32	25 45	2 1	12 49	4 40	0 23	1 52	14 36	0 48	13 58	2 5	10 3	0 28	18 33	0 50	26 59	3 15	23 28	23 25	10 37		n.a.
S 23	23 42	8 12	5 3	25 46	2 2	12 55	4 41	0 35	1 52	14 35	0 47	13 59	2 5	10 4	0 28	18 32	0 50	26 59	3 15	23 28	23 25	10 40		n.a.
S 24	23 43	2 50	5 16	25 45	2 2	13 2	4 43	0 48	1 52	14 35	0 47	14 0	2 5	10 5	0 28	18 32	0 50	26 59	3 15	23 28	23 26	10 42		n.a.
M25	23 44	2 s48	5 11	25 42	2 3	13 10	4 44	1 0	1 53	14 34	0 47	14 0	2 5	10 6	0 28	18 31	0 50	26 59	3 15	23 28	23 26	10 45		n.a.
T 26	23 44	8 23	4 47	25 38	2 2	13 18	4 44	1 13	1 53	14 33	0 47	14 1	2 6	10 7	0 28	18 31	0 50	26 59	3 15	23 28	23 26	10 47		n.a.
W27	23 43	13 35	4 3	25 31	2 1	13 27	4 45	1 25	1 53	14 32	0 46	14 2	2 6	10 7	0 28	18 30	0 50	26 59	3 15	23 28	23 26	10 50		n.a.
T 28	23 42	18 1	3 3	25 23	2 0	13 37	4 45	1 37	1 53	14 32	0 46	14 2	2 6	10 8	0 28	18 30	0 50	26 59	3 15	23 28	23 27	10 52		n.a.
F 29	23 41	21 19	1 51	25 12	1 58	13 47	4 45	1 50	1 54	14 31	0 46	14 3	2 6	10 9	0 28	18 29	0 50	26 59	3 15	23 28	23 27	10 55		n.a.
S 30	23 39	23 10	0 33	25 0	1 56	13 57	4 45	2 2	1 54	14 31	0 46	14 4	2 7	10 10	0 28	18 29	0 50	26 59	3 16	23 28	23 27	10 57		n.a.
S 31	23 s37	23 s27	0 s47	24 s46	1 s53	14 s 8	4n44	2 s14	1n54	14n30	0 s45	14n 5	2n 7	10 s10	0n28	18 s28	0 s50	26n59	3n16	23n28	23n27	11n 0		n.a.

Julian Day Number = 1615834.5, Delta T = 03h50m29s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'44, Lahiri = - 7°56'44 Julian Calendar 1 Dec. 290 BCE == Greg. Calendar 27 Nov. 290 BCE

The year -289 astronomical counting style corresponds to year 290 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

JANUARY 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 21 55	6♉33'23	0♒45	16♉32	23♏32	10♎26	10°R42	28°R34	27♎16	11♒ 4	29°R44	8♋13	8♋28	10♉36	n.a.	M 1
T 2	6 25 52	7°34'19	14°24	18°18	24°15	10°57	10♉40	28♌32	27°17	11° 6	29♊43	8°13	8°25	10°42	n.a.	T 2
W 3	6 29 48	8°35'15	27°40	20° 3	24°58	11°27	10°39	28°30	27°19	11° 8	29°41	8°R13	8°21	10°49	n.a.	W 3
T 4	6 33 45	9°36'08	10♓33	21°47	25°43	11°58	10°38	28°28	27°21	11°10	29°40	8°13	8°18	10°56	n.a.	T 4
F 5	6 37 41	10°37'00	23° 5	23°31	26°28	12°28	10°36	28°25	27°23	11°12	29°39	8°13	8°15	11° 2	n.a.	F 5
S 6	6 41 38	11°37'50	5♈20	25°14	27°15	12°58	10°36	28°23	27°24	11°14	29°37	8°12	8°12	11° 9	n.a.	S 6
S 7	6 45 34	12°38'39	17°22	26°56	28° 2	13°28	10°35	28°20	27°26	11°16	29°36	8°D12	8° 9	11°16	n.a.	S 7
M 8	6 49 31	13°39'26	29°17	28°36	28°50	13°58	10°34	28°18	27°27	11°18	29°35	8°13	8° 6	11°22	n.a.	M 8
T 9	6 53 27	14°40'11	11♉ 7	0♒14	29°40	14°28	10°34	28°15	27°29	11°20	29°34	8°13	8° 2	11°29	n.a.	T 9
W10	6 57 24	15°40'55	22°59	1°49	0♐29	14°57	10°D34	28°12	27°30	11°22	29°32	8°14	7°59	11°36	n.a.	W10
T 11	7 1 20	16°41'37	4♊56	3°21	1°20	15°26	10°34	28°10	27°32	11°24	29°31	8°15	7°56	11°43	n.a.	T 11
F 12	7 5 17	17°42'17	17° 2	4°49	2°11	15°56	10°35	28° 7	27°33	11°26	29°30	8°16	7°53	11°49	n.a.	F 12
S 13	7 9 14	18°42'56	29°19	6°13	3° 3	16°25	10°35	28° 4	27°34	11°28	29°28	8°16	7°50	11°56	n.a.	S 13
S 14	7 13 10	19°43'33	11♋50	7°32	3°56	16°53	10°36	28° 1	27°36	11°31	29°27	8°R16	7°47	12° 3	n.a.	S 14
M15	7 17 7	20°44'08	24°35	8°45	4°50	17°22	10°37	27°57	27°37	11°33	29°26	8°16	7°43	12° 9	n.a.	M15
T 16	7 21 3	21°44'42	7♌36	9°52	5°44	17°51	10°38	27°54	27°38	11°35	29°25	8°15	7°40	12°16	n.a.	T 16
W17	7 25 0	22°45'14	20°50	10°52	6°38	18°19	10°39	27°51	27°39	11°37	29°24	8°13	7°37	12°23	n.a.	W17
T 18	7 28 56	23°45'45	4♍18	11°43	7°34	18°47	10°41	27°47	27°40	11°39	29°22	8°11	7°34	12°30	n.a.	T 18
F 19	7 32 53	24°46'14	17°58	12°27	8°29	19°15	10°43	27°44	27°41	11°41	29°21	8° 8	7°31	12°36	n.a.	F 19
S 20	7 36 50	25°46'41	1♎49	13° 1	9°26	19°43	10°45	27°40	27°42	11°44	29°20	8° 7	7°27	12°43	n.a.	S 20
S 21	7 40 46	26°47'07	15°49	13°26	10°23	20°10	10°47	27°37	27°43	11°46	29°19	8° 5	7°24	12°50	n.a.	S 21
M22	7 44 43	27°47'32	29°55	13°40	11°20	20°37	10°49	27°33	27°44	11°48	29°18	8°D 5	7°21	12°56	n.a.	M22
T 23	7 48 39	28°47'55	14♏ 8	13°R45	12°18	21° 4	10°52	27°29	27°44	11°50	29°16	8° 6	7°18	13° 3	n.a.	T 23
W24	7 52 36	29°48'17	28°23	13°40	13°16	21°31	10°54	27°25	27°45	11°52	29°15	8° 7	7°15	13°10	n.a.	W24
T 25	7 56 32	0♒48'37	12♐40	13°25	14°15	21°58	10°57	27°21	27°46	11°55	29°14	8° 8	7°12	13°16	n.a.	T 25
F 26	8 0 29	1°48'56	26°54	13° 1	15°14	22°24	11° 0	27°17	27°46	11°57	29°13	8° 9	7° 8	13°23	n.a.	F 26
S 27	8 4 25	2°49'13	11♑ 2	12°28	16°14	22°50	11° 4	27°13	27°47	11°59	29°12	8°R10	7° 5	13°30	n.a.	S 27
S 28	8 8 22	3°49'28	25° 1	11°47	17°13	23°16	11° 7	27° 9	27°47	12° 1	29°11	8° 9	7° 2	13°36	n.a.	S 28
M29	8 12 19	4°49'41	8♒47	10°59	18°14	23°42	11°11	27° 5	27°48	12° 4	29°10	8° 7	6°59	13°43	n.a.	M29
T 30	8 16 15	5°49'52	22°16	10° 5	19°14	24° 7	11°15	27° 1	27°48	12° 6	29° 9	8° 3	6°56	13°50	n.a.	T 30
W31	8 20 12	6♒50'01	5♓27	9♒ 7	20♐16	24♎32	11♉19	26♌57	27♎48	12♒ 8	29♊ 8	7♋58	6♋53	13♉57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s34	22s13	2s 2	24s30	1s49	14s19	4n43	2s26	1n54	14n30	0s45	14n 6	2n 7	10s11	0n28	18s28	0s50	26n59	3n16	23n28	23n27	11n 2		n.a.
T 2	23 31	19 42	3 8	24 11	1 45	14 30	4 42	2 38	1 55	14 30	0 45	14 7	2 7	10 12	0 28	18 27	0 50	27 0	3 16	23 28	23 28	11 5		n.a.
W 3	23 27	16 12	4 1	23 51	1 40	14 42	4 41	2 50	1 55	14 30	0 44	14 8	2 8	10 12	0 28	18 26	0 50	27 0	3 16	23 28	23 28	11 7		n.a.
T 4	23 23	12 2	4 41	23 29	1 34	14 54	4 39	3 1	1 55	14 29	0 44	14 9	2 8	10 13	0 28	18 26	0 50	27 0	3 16	23 28	23 28	11 10		n.a.
F 5	23 18	7 27	5 6	23 5	1 27	15 6	4 38	3 13	1 55	14 29	0 44	14 10	2 8	10 13	0 28	18 25	0 50	27 0	3 16	23 28	23 28	11 12		n.a.
S 6	23 13	2 42	5 17	22 39	1 20	15 18	4 36	3 25	1 56	14 29	0 44	14 11	2 8	10 14	0 28	18 25	0 50	27 0	3 16	23 28	23 28	11 15		n.a.
S 7	23 7	2n 5	5 13	22 12	1 12	15 31	4 34	3 36	1 56	14 29	0 43	14 12	2 9	10 15	0 28	18 24	0 50	27 0	3 16	23 28	23 29	11 18		n.a.
M 8	23 1	6 44	4 56	21 43	1 3	15 43	4 32	3 48	1 56	14 29	0 43	14 13	2 9	10 15	0 28	18 24	0 50	27 0	3 16	23 28	23 29	11 20		n.a.
T 9	22 55	11 7	4 27	21 13	0 53	15 56	4 29	3 59	1 56	14 30	0 43	14 14	2 9	10 16	0 28	18 23	0 50	27 0	3 16	23 28	23 29	11 23		n.a.
W10	22 48	15 6	3 46	20 42	0 43	16 9	4 27	4 10	1 56	14 30	0 43	14 16	2 9	10 16	0 28	18 22	0 50	27 0	3 16	23 28	23 29	11 25		n.a.
T 11	22 40	18 31	2 55	20 9	0 32	16 22	4 24	4 22	1 57	14 30	0 42	14 17	2 10	10 17	0 28	18 22	0 50	27 0	3 16	23 28	23 29	11 28		n.a.
F 12	22 33	21 11	1 55	19 36	0 20	16 35	4 21	4 33	1 57	14 31	0 42	14 18	2 10	10 17	0 28	18 21	0 50	27 0	3 16	23 28	23 30	11 30		n.a.
S 13	22 24	22 54	0 49	19 3	0 7	16 48	4 18	4 44	1 57	14 31	0 42	14 19	2 10	10 18	0 28	18 21	0 50	27 0	3 16	23 28	23 30	11 33		n.a.
S 14	22 16	23 31	0n20	18 30	0n 7	17 1	4 15	4 55	1 57	14 31	0 42	14 21	2 10	10 18	0 29	18 20	0 50	27 0	3 16	23 28	23 30	11 35		n.a.
M15	22 6	22 56	1 29	17 57	0 22	17 14	4 12	5 6	1 57	14 32	0 41	14 22	2 10	10 18	0 29	18 19	0 50	27 0	3 16	23 28	23 30	11 38		n.a.
T 16	21 57	21 6	2 35	17 24	0 37	17 26	4 9	5 17	1 57	14 33	0 41	14 23	2 11	10 19	0 29	18 19	0 50	27 0	3 16	23 28	23 30	11 40		n.a.
W17	21 47	18 6	3 34	16 53	0 52	17 39	4 5	5 27	1 58	14 33	0 41	14 25	2 11	10 19	0 29	18 18	0 50	27 0	3 16	23 28	23 30	11 43		n.a.
T 18	21 37	14 7	4 22	16 23	1 8	17 52	4 2	5 38	1 58	14 34	0 41	14 26	2 11	10 20	0 29	18 18	0 50	27 0	3 17	23 28	23 31	11 45		n.a.
F 19	21 26	9 21	4 56	15 56	1 24	18 4	3 58	5 48	1 58	14 35	0 40	14 27	2 11	10 20	0 29	18 17	0 50	27 0	3 17	23 29	23 31	11 48		n.a.
S 20	21 15	4 3	5 14	15 30	1 41	18 16	3 54	5 59	1 58	14 36	0 40	14 29	2 11	10 20	0 29	18 16	0 50	27 0	3 17	23 29	23 31	11 50		n.a.
S 21	21 3	1s29	5 13	15 8	1 57	18 28	3 50	6 9	1 58	14 37	0 40	14 30	2 12	10 21	0 29	18 16	0 50	27 0	3 17	23 29	23 31	11 53		n.a.
M22	20 51	7 1	4 53	14 48	2 13	18 40	3 47	6 19	1 58	14 37	0 40	14 32	2 12	10 21	0 29	18 15	0 50	27 0	3 17	23 29	23 31	11 55		n.a.
T 23	20 39	12 12	4 15	14 31	2 29	18 52	3 42	6 30	1 58	14 39	0 39	14 33	2 12	10 21	0 29	18 14	0 50	27 0	3 17	23 29	23 32	11 58		n.a.
W24	20 26	16 46	3 22	14 19	2 44	19 3	3 38	6 40	1 59	14 40	0 39	14 35	2 12	10 21	0 29	18 14	0 50	27 0	3 17	23 29	23 32	12 0		n.a.
T 25	20 13	20 21	2 16	14 9	2 58	19 15	3 34	6 50	1 59	14 41	0 39	14 36	2 12	10 21	0 29	18 13	0 50	27 0	3 17	23 29	23 32	12 3		n.a.
F 26	20 0	22 40	1 2	14 4	3 11	19 25	3 30	6 59	1 59	14 42	0 39	14 38	2 13	10 22	0 29	18 13	0 50	27 0	3 17	23 29	23 32	12 5		n.a.
S 27	19 46	23 32	0s16	14 2	3 22	19 36	3 26	7 9	1 59	14 43	0 38	14 39	2 13	10 22	0 29	18 12	0 50	27 0	3 17	23 28	23 32	12 8		n.a.
S 28	19 32	22 53	1 31	14 4	3 32	19 46	3 21	7 19	1 59	14 45	0 38	14 41	2 13	10 22	0 29	18 11	0 50	27 0	3 17	23 29	23 32	12 10		n.a.
M29	19 17	20 51	2 40	14 10	3 40	19 56	3 17	7 28	1 59	14 46	0 38	14 43	2 13	10 22	0 29	18 11	0 50	27 0	3 17	23 29	23 33	12 13		n.a.
T 30	19 3	17 42	3 39	14 19	3 46	20 6	3 12	7 38	1 59	14 47	0 38	14 44	2 13	10 22	0 29	18 10	0 50	27 0	3 17	23 29	23 33	12 15		n.a.
W31	18s47	13s42	4s24	14s30	3n50	20s15	3n 8	7s47	1n59	14n49	0s37	14n46	2n13	10s22	0n29	18s 9	0s50	27n 0	3n17	23n29	23n33	12n18		n.a.

Julian Day Number = 1615865.5, Delta T = 03h50m28s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'40, Lahiri = - 7°56'39 Julian Calendar 1 Jan. 289 BCE == Greg. Calendar 28 Dec. 290 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

FEBRUARY 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 24 8	7♒50'08	18♓19	8°R 6	21♐17	24♎57	11♉23	26°R53	27♎49	12♒11	29°R 7	7°R53	6♋49	14♉ 3	n.a.	T 1
F 2	8 28 5	8°50'13	0♈52	7♒ 4	22°19	25°22	11°27	26♌48	27°49	12°13	29♊ 6	7♋48	6°46	14°10	n.a.	F 2
S 3	8 32 1	9°50'16	13° 9	6° 2	23°21	25°46	11°32	26°44	27°49	12°15	29° 5	7°44	6°43	14°17	n.a.	S 3
S 4	8 35 58	10°50'16	25°13	5° 2	24°23	26°10	11°37	26°40	27°49	12°17	29° 4	7°42	6°40	14°23	n.a.	S 4
M 5	8 39 54	11°50'14	7♉ 8	4° 4	25°25	26°34	11°41	26°35	27°R49	12°20	29° 3	7°D40	6°37	14°30	n.a.	M 5
T 6	8 43 51	12°50'10	18°59	3°11	26°28	26°57	11°47	26°31	27°49	12°22	29° 2	7°40	6°33	14°37	n.a.	T 6
W 7	8 47 47	13°50'04	0♊51	2°22	27°31	27°20	11°52	26°26	27°49	12°24	29° 1	7°41	6°30	14°43	n.a.	W 7
T 8	8 51 44	14°49'55	12°48	1°38	28°35	27°43	11°57	26°22	27°49	12°26	29° 0	7°43	6°27	14°50	n.a.	T 8
F 9	8 55 41	15°49'44	24°57	1° 1	29°38	28° 6	12° 3	26°17	27°49	12°29	28°59	7°45	6°24	14°57	n.a.	F 9
S 10	8 59 37	16°49'31	7♋20	0°29	0♏42	28°28	12° 8	26°12	27°49	12°31	28°58	7°R45	6°21	15° 4	n.a.	S 10
S 11	9 3 34	17°49'15	20° 1	0° 4	1°47	28°50	12°14	26° 8	27°48	12°33	28°58	7°45	6°18	15°10	n.a.	S 11
M12	9 7 30	18°48'58	3♌ 2	29♏46	2°51	29°11	12°20	26° 3	27°48	12°36	28°57	7°42	6°14	15°17	n.a.	M12
T 13	9 11 27	19°48'38	16°24	29°34	3°55	29°33	12°27	25°59	27°48	12°38	28°56	7°37	6°11	15°24	n.a.	T 13
W14	9 15 23	20°48'16	0♍ 4	29°D28	5° 0	29°53	12°33	25°54	27°47	12°40	28°55	7°31	6° 8	15°30	n.a.	W14
T 15	9 19 20	21°47'51	14° 1	29°29	6° 5	0♏14	12°40	25°49	27°47	12°42	28°54	7°24	6° 5	15°37	n.a.	T 15
F 16	9 23 16	22°47'25	28° 9	29°35	7°11	0°34	12°46	25°45	27°46	12°45	28°54	7°17	6° 2	15°44	n.a.	F 16
S 17	9 27 13	23°46'57	12♎24	29°47	8°16	0°54	12°53	25°40	27°46	12°47	28°53	7°10	5°58	15°50	n.a.	S 17
S 18	9 31 10	24°46'27	26°41	0♒ 4	9°22	1°13	13° 0	25°35	27°45	12°49	28°52	7° 5	5°55	15°57	n.a.	S 18
M19	9 35 6	25°45'55	10♏57	0°27	10°27	1°32	13° 7	25°31	27°44	12°51	28°52	7° 2	5°52	16° 4	n.a.	M19
T 20	9 39 3	26°45'21	25° 9	0°54	11°33	1°51	13°14	25°26	27°44	12°53	28°51	7°D 1	5°49	16°10	n.a.	T 20
W21	9 42 59	27°44'45	9♐14	1°26	12°40	2° 9	13°22	25°21	27°43	12°56	28°51	7° 1	5°46	16°17	n.a.	W21
T 22	9 46 56	28°44'08	23°12	2° 2	13°46	2°26	13°29	25°16	27°42	12°58	28°50	7° 2	5°43	16°24	n.a.	T 22
F 23	9 50 52	29°43'29	7♑ 2	2°42	14°52	2°44	13°37	25°12	27°41	13° 0	28°49	7°R 3	5°39	16°31	n.a.	F 23
S 24	9 54 49	0♓42'48	20°43	3°25	15°59	3° 0	13°45	25° 7	27°40	13° 2	28°49	7° 2	5°36	16°37	n.a.	S 24
S 25	9 58 45	1°42'05	4♒15	4°13	17° 6	3°17	13°53	25° 2	27°39	13° 5	28°48	6°59	5°33	16°44	n.a.	S 25
M26	10 2 42	2°41'19	17°37	5° 3	18°13	3°33	14° 1	24°58	27°38	13° 7	28°48	6°53	5°30	16°51	n.a.	M26
T 27	10 6 39	3°40'32	0♓46	5°57	19°20	3°48	14° 9	24°53	27°37	13° 9	28°47	6°45	5°27	16°57	n.a.	T 27
W28	10 10 35	4°39'43	13°42	6°54	20°27	4° 3	14°18	24°49	27°36	13°11	28°47	6°35	5°24	17° 4	n.a.	W28
T 29	10 14 32	5♓38'51	26♓23	7♒54	21♑35	4♏17	14♉26	24♌44	27♎35	13♒13	28♊47	6♋25	5♋20	17♉11	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s32	9s11	4s55	14s44	3n51	20s24	3n 3	7s56	1n59	14n50	0s37	14n47	2n14	10s22	0n29	18s 9	0s50	27n 0	3n17	23n30	23n33	12n20		n.a.
F 2	18 16	4 23	5 10	15 1	3 51	20 32	2 59	8 5	1 59	14 52	0 37	14 49	2 14	10 23	0 29	18 8	0 50	27 0	3 17	23 30	23 33	12 23		n.a.
S 3	18 0	0n29	5 11	15 18	3 48	20 40	2 54	8 14	1 59	14 54	0 37	14 51	2 14	10 23	0 29	18 8	0 50	27 0	3 17	23 30	23 33	12 25		n.a.
S 4	17 44	5 15	4 58	15 37	3 44	20 48	2 49	8 23	1 59	14 55	0 36	14 52	2 14	10 23	0 29	18 7	0 50	27 1	3 17	23 30	23 34	12 28		n.a.
M 5	17 27	9 46	4 32	15 57	3 37	20 55	2 44	8 31	1 59	14 57	0 36	14 54	2 14	10 23	0 29	18 6	0 50	27 1	3 17	23 30	23 34	12 30		n.a.
T 6	17 10	13 55	3 55	16 18	3 29	21 1	2 40	8 40	1 59	14 59	0 36	14 56	2 14	10 23	0 29	18 6	0 50	27 1	3 17	23 30	23 34	12 33		n.a.
W 7	16 53	17 31	3 8	16 38	3 20	21 8	2 35	8 48	1 59	15 1	0 36	14 57	2 14	10 23	0 29	18 5	0 50	27 1	3 17	23 30	23 34	12 35		n.a.
T 8	16 35	20 26	2 12	16 58	3 9	21 13	2 30	8 57	1 59	15 3	0 36	14 59	2 15	10 22	0 29	18 4	0 50	27 1	3 17	23 30	23 34	12 38		n.a.
F 9	16 17	22 29	1 9	17 18	2 57	21 19	2 25	9 5	1 59	15 5	0 35	15 1	2 15	10 22	0 29	18 4	0 50	27 1	3 17	23 30	23 34	12 40		n.a.
S 10	15 59	23 29	0 2	17 37	2 45	21 23	2 20	9 13	1 59	15 7	0 35	15 3	2 15	10 22	0 29	18 3	0 50	27 1	3 17	23 30	23 35	12 42		n.a.
S 11	15 41	23 18	1n 6	17 55	2 31	21 28	2 16	9 21	1 59	15 9	0 35	15 4	2 15	10 22	0 29	18 2	0 50	27 1	3 17	23 30	23 35	12 45		n.a.
M12	15 22	21 52	2 13	18 12	2 18	21 31	2 11	9 29	1 58	15 11	0 35	15 6	2 15	10 22	0 29	18 2	0 50	27 1	3 17	23 30	23 35	12 47		n.a.
T 13	15 3	19 11	3 14	18 28	2 4	21 35	2 6	9 36	1 58	15 13	0 34	15 8	2 15	10 22	0 29	18 1	0 50	27 1	3 17	23 30	23 35	12 50		n.a.
W14	14 44	15 24	4 5	18 43	1 50	21 37	2 1	9 44	1 58	15 15	0 34	15 9	2 15	10 22	0 29	18 1	0 50	27 1	3 17	23 31	23 35	12 52		n.a.
T 15	14 25	10 42	4 43	18 57	1 36	21 39	1 56	9 51	1 58	15 17	0 34	15 11	2 15	10 22	0 29	18 0	0 50	27 1	3 17	23 31	23 35	12 55		n.a.
F 16	14 5	5 23	5 4	19 9	1 22	21 41	1 51	9 58	1 58	15 19	0 34	15 13	2 15	10 21	0 29	17 59	0 50	27 1	3 17	23 32	23 35	12 57		n.a.
S 17	13 45	0s15	5 7	19 20	1 8	21 42	1 46	10 6	1 57	15 22	0 34	15 14	2 15	10 21	0 29	17 59	0 50	27 0	3 17	23 32	23 36	13 0		n.a.
S 18	13 25	5 54	4 50	19 29	0 55	21 43	1 41	10 13	1 57	15 24	0 33	15 16	2 15	10 21	0 29	17 58	0 50	27 0	3 17	23 32	23 36	13 2		n.a.
M19	13 5	11 14	4 16	19 37	0 42	21 42	1 37	10 19	1 57	15 26	0 33	15 18	2 16	10 21	0 29	17 57	0 50	27 0	3 17	23 32	23 36	13 5		n.a.
T 20	12 45	15 57	3 26	19 44	0 29	21 42	1 32	10 26	1 57	15 29	0 33	15 19	2 16	10 20	0 29	17 57	0 50	27 0	3 17	23 32	23 36	13 7		n.a.
W21	12 24	19 44	2 24	19 49	0 16	21 41	1 27	10 33	1 56	15 31	0 33	15 21	2 16	10 20	0 29	17 56	0 50	27 0	3 17	23 32	23 36	13 10		n.a.
T 22	12 3	22 19	1 14	19 53	0 4	21 39	1 22	10 39	1 56	15 34	0 32	15 23	2 16	10 20	0 29	17 55	0 50	27 0	3 17	23 32	23 36	13 12		n.a.
F 23	11 42	23 32	0 0	19 55	0s 8	21 36	1 17	10 45	1 56	15 36	0 32	15 24	2 16	10 19	0 29	17 55	0 50	27 0	3 17	23 32	23 36	13 15		n.a.
S 24	11 21	23 19	1s13	19 56	0 19	21 33	1 13	10 52	1 55	15 39	0 32	15 26	2 16	10 19	0 29	17 54	0 50	27 0	3 17	23 32	23 37	13 17		n.a.
S 25	11 0	21 42	2 21	19 55	0 30	21 30	1 8	10 58	1 55	15 41	0 32	15 28	2 16	10 19	0 29	17 54	0 50	27 0	3 17	23 33	23 37	13 19		n.a.
M26	10 38	18 54	3 20	19 53	0 40	21 26	1 3	11 3	1 54	15 44	0 32	15 29	2 16	10 18	0 29	17 53	0 50	27 0	3 17	23 33	23 37	13 22		n.a.
T 27	10 17	15 10	4 7	19 49	0 50	21 21	0 59	11 9	1 54	15 47	0 31	15 31	2 16	10 18	0 29	17 52	0 50	27 0	3 17	23 33	23 37	13 24		n.a.
W28	9 55	10 47	4 40	19 44	1 0	21 16	0 54	11 15	1 54	15 49	0 31	15 32	2 16	10 17	0 29	17 52	0 50	27 0	3 17	23 34	23 37	13 27		n.a.
T 29	9s33	6s 1	4s59	19s37	1s 9	21s10	0n49	11s20	1n53	15n52	0s31	15n34	2n16	10s17	0n29	17s51	0s50	27n 0	3n17	23n34	23n37	13n29		n.a.

Julian Day Number = 1615896.5, Delta T = 03h50m27s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'36, Lahiri = - 7°56'35 Julian Calendar 1 Feb. 289 BCE == Greg. Calendar 28 Jan. 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

MARCH 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 18 28	6♓37'57	8♈50	8♒56	22♉42	4♏31	14♉35	24°R39	27°R34	13♒15	28°R46	6°R14	5♋17	17♉17	n.a.	F 1
S 2	10 22 25	7°37'01	21° 4	10° 1	23°50	4°45	14°43	24♌35	27♎32	13°17	28♊46	6♋ 4	5°14	17°24	n.a.	S 2
S 3	10 26 21	8°36'02	3♉ 6	11° 8	24°57	4°57	14°52	24°30	27°31	13°19	28°45	5°56	5°11	17°31	n.a.	S 3
M 4	10 30 18	9°35'01	15° 0	12°18	26° 5	5°10	15° 1	24°26	27°30	13°22	28°45	5°51	5° 8	17°37	n.a.	M 4
T 5	10 34 14	10°33'58	26°50	13°29	27°13	5°21	15°10	24°22	27°28	13°24	28°45	5°48	5° 4	17°44	n.a.	T 5
W 6	10 38 11	11°32'53	8♊41	14°44	28°21	5°33	15°20	24°17	27°27	13°26	28°45	5°D46	5° 1	17°51	n.a.	W 6
T 7	10 42 7	12°31'45	20°37	16° 0	29°29	5°43	15°29	24°13	27°25	13°28	28°44	5°47	4°58	17°57	n.a.	T 7
F 8	10 46 4	13°30'35	2♋45	17°18	0♒38	5°53	15°38	24° 9	27°24	13°30	28°44	5°R47	4°55	18° 4	n.a.	F 8
S 9	10 50 1	14°29'22	15° 9	18°38	1°46	6° 3	15°48	24° 4	27°22	13°32	28°44	5°47	4°52	18°11	n.a.	S 9
S 10	10 53 57	15°28'07	27°54	20° 0	2°54	6°11	15°58	24° 0	27°21	13°34	28°44	5°45	4°49	18°18	n.a.	S 10
M11	10 57 54	16°26'50	11♌ 4	21°23	4° 3	6°20	16° 7	23°56	27°19	13°36	28°44	5°40	4°45	18°24	n.a.	M11
T 12	11 1 50	17°25'31	24°39	22°49	5°12	6°27	16°17	23°52	27°17	13°38	28°43	5°33	4°42	18°31	n.a.	T 12
W13	11 5 47	18°24'09	8♍38	24°16	6°20	6°34	16°27	23°48	27°15	13°40	28°43	5°24	4°39	18°38	n.a.	W13
T 14	11 9 43	19°22'45	22°58	25°45	7°29	6°40	16°37	23°44	27°14	13°42	28°43	5°13	4°36	18°44	n.a.	T 14
F 15	11 13 40	20°21'19	7♎34	27°16	8°38	6°46	16°48	23°40	27°12	13°44	28°43	5° 2	4°33	18°51	n.a.	F 15
S 16	11 17 36	21°19'51	22°16	28°49	9°47	6°51	16°58	23°36	27°10	13°46	28°D43	4°52	4°30	18°58	n.a.	S 16
S 17	11 21 33	22°18'21	6♏58	0♓23	10°56	6°55	17° 8	23°32	27° 8	13°47	28°43	4°44	4°26	19° 4	n.a.	S 17
M18	11 25 29	23°16'50	21°33	1°59	12° 5	6°59	17°19	23°28	27° 6	13°49	28°43	4°38	4°23	19°11	n.a.	M18
T 19	11 29 26	24°15'17	5♐56	3°36	13°15	7° 2	17°29	23°25	27° 4	13°51	28°43	4°35	4°20	19°18	n.a.	T 19
W20	11 33 23	25°13'42	20° 4	5°15	14°24	7° 4	17°40	23°21	27° 2	13°53	28°43	4°34	4°17	19°24	n.a.	W20
T 21	11 37 19	26°12'06	3♑57	6°56	15°33	7° 6	17°51	23°17	27° 0	13°55	28°44	4°34	4°14	19°31	n.a.	T 21
F 22	11 41 16	27°10'28	17°35	8°39	16°43	7°R 6	18° 2	23°14	26°58	13°57	28°44	4°34	4°10	19°38	n.a.	F 22
S 23	11 45 12	28° 8'48	0♒58	10°23	17°52	7° 6	18°13	23°10	26°56	13°58	28°44	4°32	4° 7	19°44	n.a.	S 23
S 24	11 49 9	29° 7'07	14° 9	12° 9	19° 2	7° 5	18°24	23° 7	26°54	14° 0	28°44	4°28	4° 4	19°51	n.a.	S 24
M25	11 53 5	0♈ 5'24	27° 9	13°57	20°12	7° 4	18°35	23° 4	26°52	14° 2	28°44	4°20	4° 1	19°58	n.a.	M25
T 26	11 57 2	1° 3'39	9♓57	15°46	21°22	7° 2	18°46	23° 1	26°50	14° 3	28°45	4°10	3°58	20° 4	n.a.	T 26
W27	12 0 58	2° 1'53	22°35	17°37	22°31	6°59	18°57	22°58	26°48	14° 5	28°45	3°58	3°55	20°11	n.a.	W27
T 28	12 4 55	3° 0'04	5♈ 1	19°30	23°41	6°55	19° 8	22°54	26°46	14° 7	28°45	3°44	3°51	20°18	n.a.	T 28
F 29	12 8 52	3°58'14	17°17	21°24	24°51	6°50	19°20	22°52	26°43	14° 8	28°45	3°30	3°48	20°25	n.a.	F 29
S 30	12 12 48	4°56'22	29°23	23°21	26° 1	6°45	19°31	22°49	26°41	14°10	28°46	3°18	3°45	20°31	n.a.	S 30
S 31	12 16 45	5♈54'28	11♉20	25♓18	27♒11	6♏39	19♉43	22♌46	26♎39	14♒12	28♊46	3♋ 7	3♋42	20♉38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s11	1s 6	5s 4	19s29	1s17	21s 3	0n45	11s25	1n53	15n55	0s31	15n36	2n16	10s17	0n29	17s51	0s50	27n 0	3n17	23n35	23n37	13n32		n.a.
S 2	8 49	3n47	4 54	19 19	1 25	20 56	0 40	11 30	1 52	15 58	0 31	15 37	2 16	10 16	0 29	17 50	0 50	27 0	3 17	23 35	23 38	13 34		n.a.
S 3	8 27	8 27	4 31	19 8	1 33	20 49	0 36	11 35	1 51	16 1	0 31	15 39	2 16	10 16	0 29	17 49	0 50	27 0	3 17	23 36	23 38	13 37		n.a.
M 4	8 4	12 46	3 56	18 55	1 40	20 40	0 31	11 40	1 51	16 3	0 30	15 40	2 16	10 15	0 29	17 49	0 50	27 0	3 17	23 36	23 38	13 39		n.a.
T 5	7 42	16 34	3 12	18 40	1 46	20 32	0 27	11 44	1 50	16 6	0 30	15 42	2 16	10 15	0 29	17 48	0 50	27 0	3 17	23 36	23 38	13 41		n.a.
W 6	7 19	19 44	2 19	18 24	1 53	20 22	0 23	11 49	1 49	16 9	0 30	15 43	2 16	10 14	0 29	17 48	0 50	27 0	3 17	23 36	23 38	13 44		n.a.
T 7	6 56	22 4	1 20	18 7	1 58	20 12	0 18	11 53	1 49	16 12	0 30	15 45	2 16	10 13	0 29	17 47	0 50	27 0	3 17	23 36	23 38	13 46		n.a.
F 8	6 34	23 26	0 16	17 47	2 3	20 2	0 14	11 57	1 48	16 15	0 30	15 46	2 16	10 13	0 29	17 47	0 50	27 0	3 17	23 36	23 38	13 49		n.a.
S 9	6 11	23 41	0n50	17 27	2 8	19 51	0 10	12 1	1 47	16 18	0 29	15 47	2 16	10 12	0 29	17 46	0 50	27 0	3 17	23 36	23 38	13 51		n.a.
S 10	5 48	22 42	1 55	17 4	2 12	19 39	0 6	12 5	1 46	16 21	0 29	15 49	2 16	10 12	0 29	17 45	0 50	27 0	3 17	23 36	23 38	13 54		n.a.
M11	5 25	20 29	2 56	16 41	2 15	19 27	0 2	12 8	1 45	16 24	0 29	15 50	2 16	10 11	0 29	17 45	0 50	27 0	3 17	23 36	23 39	13 56		n.a.
T 12	5 2	17 3	3 49	16 15	2 18	19 14	0s 2	12 12	1 44	16 27	0 29	15 52	2 16	10 10	0 29	17 44	0 50	27 0	3 17	23 37	23 39	13 58		n.a.
W13	4 38	12 35	4 29	15 48	2 21	19 1	0 6	12 15	1 43	16 30	0 29	15 53	2 16	10 10	0 29	17 44	0 50	27 0	3 17	23 37	23 39	14 1		n.a.
T 14	4 15	7 19	4 55	15 20	2 23	18 47	0 10	12 18	1 42	16 33	0 28	15 54	2 16	10 9	0 29	17 43	0 50	27 0	3 17	23 38	23 39	14 3		n.a.
F 15	3 52	1 34	5 1	14 49	2 24	18 33	0 14	12 21	1 41	16 36	0 28	15 55	2 16	10 9	0 29	17 43	0 51	27 0	3 17	23 38	23 39	14 6		n.a.
S 16	3 29	4s20	4 48	14 18	2 25	18 18	0 18	12 23	1 40	16 39	0 28	15 57	2 16	10 8	0 29	17 42	0 51	27 0	3 17	23 38	23 39	14 8		n.a.
S 17	3 5	9 59	4 15	13 45	2 26	18 3	0 21	12 26	1 39	16 43	0 28	15 58	2 16	10 7	0 29	17 42	0 51	27 0	3 17	23 39	23 39	14 11		n.a.
M18	2 42	15 3	3 27	13 10	2 26	17 47	0 25	12 28	1 38	16 46	0 28	15 59	2 15	10 6	0 29	17 41	0 51	27 0	3 17	23 39	23 39	14 13		n.a.
T 19	2 19	19 10	2 25	12 34	2 25	17 30	0 29	12 30	1 37	16 49	0 28	16 0	2 15	10 6	0 30	17 41	0 51	27 0	3 17	23 39	23 39	14 15		n.a.
W20	1 55	22 5	1 16	11 56	2 24	17 13	0 32	12 32	1 35	16 52	0 27	16 2	2 15	10 5	0 30	17 40	0 51	27 0	3 17	23 39	23 40	14 18		n.a.
T 21	1 32	23 37	0 3	11 16	2 23	16 56	0 36	12 34	1 34	16 55	0 27	16 3	2 15	10 4	0 30	17 40	0 51	27 0	3 17	23 39	23 40	14 20		n.a.
F 22	1 8	23 41	1s 8	10 35	2 20	16 38	0 39	12 36	1 33	16 59	0 27	16 4	2 15	10 4	0 30	17 39	0 51	27 0	3 17	23 39	23 40	14 23		n.a.
S 23	0 45	22 22	2 15	9 53	2 18	16 20	0 42	12 37	1 31	17 2	0 27	16 5	2 15	10 3	0 30	17 39	0 51	27 0	3 17	23 39	23 40	14 25		n.a.
S 24	0 21	19 51	3 13	9 9	2 14	16 1	0 45	12 38	1 30	17 5	0 27	16 6	2 15	10 2	0 30	17 38	0 51	27 0	3 17	23 39	23 40	14 27		n.a.
M25	0n 2	16 21	4 0	8 24	2 11	15 42	0 49	12 39	1 28	17 8	0 27	16 7	2 15	10 1	0 30	17 38	0 51	27 0	3 17	23 39	23 40	14 30		n.a.
T 26	0 26	12 9	4 34	7 37	2 6	15 22	0 52	12 40	1 26	17 11	0 26	16 8	2 15	10 0	0 30	17 37	0 51	27 0	3 17	23 40	23 40	14 32		n.a.
W27	0 49	7 28	4 54	6 49	2 2	15 2	0 55	12 40	1 25	17 15	0 26	16 9	2 15	10 0	0 30	17 37	0 51	27 0	3 17	23 40	23 40	14 35		n.a.
T 28	1 12	2 34	5 0	5 59	1 56	14 41	0 58	12 41	1 23	17 18	0 26	16 10	2 15	9 59	0 30	17 36	0 51	27 0	3 17	23 41	23 40	14 37		n.a.
F 29	1 36	2n23	4 51	5 8	1 50	14 20	1 0	12 41	1 21	17 21	0 26	16 11	2 15	9 58	0 30	17 36	0 51	27 0	3 16	23 41	23 40	14 39		n.a.
S 30	1 59	7 11	4 30	4 16	1 44	13 59	1 3	12 41	1 19	17 25	0 26	16 11	2 14	9 57	0 30	17 35	0 51	27 0	3 16	23 41	23 41	14 42		n.a.
S 31	2n22	11n40	3s57	3s22	1s37	13s37	1s 6	12s41	1n18	17n28	0s26	16n12	2n14	9s56	0n30	17s35	0s51	27n 0	3n16	23n42	23n41	14n44		n.a.

Julian Day Number = 1615925.5, Delta T = 03h50m26s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'32, Lahiri = - 7°56'31 Julian Calendar 1 March 289 BCE == Greg. Calendar 26 Feb. 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

APRIL 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 20 41	6♈52'32	23♉11	27♓18	28♒21	6°R32	19♉55	22°R43	26°R36	14♒13	28♊47	2°R59	3♋39	20♉45	n.a.	M 1
T 2	12 24 38	7°50'34	5♊ 0	29°19	29°32	6♏24	20° 6	22♌40	26♎34	14°15	28°47	2♋55	3°35	20°51	n.a.	T 2
W 3	12 28 34	8°48'34	16°49	1♈22	0♓42	6°16	20°18	22°38	26°32	14°16	28°47	2°52	3°32	20°58	n.a.	W 3
T 4	12 32 31	9°46'32	28°44	3°26	1°52	6° 7	20°30	22°35	26°29	14°18	28°48	2°51	3°29	21° 5	n.a.	T 4
F 5	12 36 27	10°44'29	10♋50	5°31	3° 2	5°57	20°42	22°33	26°27	14°19	28°48	2°51	3°26	21°11	n.a.	F 5
S 6	12 40 24	11°42'23	23°12	7°38	4°13	5°46	20°54	22°31	26°25	14°21	28°49	2°51	3°23	21°18	n.a.	S 6
S 7	12 44 21	12°40'16	5♌56	9°46	5°23	5°35	21° 6	22°29	26°22	14°22	28°50	2°49	3°20	21°25	n.a.	S 7
M 8	12 48 17	13°38'06	19° 5	11°55	6°34	5°23	21°18	22°27	26°20	14°23	28°50	2°45	3°16	21°31	n.a.	M 8
T 9	12 52 14	14°35'55	2♍43	14° 4	7°44	5°10	21°30	22°25	26°17	14°25	28°51	2°39	3°13	21°38	n.a.	T 9
W10	12 56 10	15°33'42	16°50	16°15	8°55	4°57	21°42	22°23	26°15	14°26	28°51	2°30	3°10	21°45	n.a.	W10
T 11	13 0 7	16°31'27	1♎22	18°25	10° 5	4°43	21°55	22°21	26°13	14°27	28°52	2°20	3° 7	21°51	n.a.	T 11
F 12	13 4 3	17°29'11	16°14	20°36	11°16	4°29	22° 7	22°19	26°10	14°29	28°53	2° 9	3° 4	21°58	n.a.	F 12
S 13	13 8 0	18°26'53	1♏18	22°46	12°27	4°13	22°19	22°18	26° 8	14°30	28°53	1°59	3° 1	22° 5	n.a.	S 13
S 14	13 11 56	19°24'33	16°22	24°56	13°37	3°58	22°32	22°16	26° 5	14°31	28°54	1°51	2°57	22°11	n.a.	S 14
M15	13 15 53	20°22'13	1♐18	27° 5	14°48	3°41	22°44	22°15	26° 3	14°32	28°55	1°46	2°54	22°18	n.a.	M15
T 16	13 19 50	21°19'51	15°59	29°13	15°59	3°25	22°57	22°13	26° 0	14°33	28°56	1°43	2°51	22°25	n.a.	T 16
W17	13 23 46	22°17'29	0♑19	1♑20	17°10	3° 7	23°10	22°12	25°58	14°35	28°56	1°D42	2°48	22°31	n.a.	W17
T 18	13 27 43	23°15'05	14°18	3°25	18°21	2°49	23°22	22°11	25°55	14°36	28°57	1°42	2°45	22°38	n.a.	T 18
F 19	13 31 39	24°12'40	27°55	5°29	19°32	2°31	23°35	22°10	25°53	14°37	28°58	1°R42	2°41	22°45	n.a.	F 19
S 20	13 35 36	25°10'14	11♒12	7°30	20°43	2°12	23°48	22° 9	25°50	14°38	28°59	1°41	2°38	22°51	n.a.	S 20
S 21	13 39 32	26° 7'47	24°12	9°29	21°54	1°53	24° 0	22° 8	25°48	14°39	29° 0	1°38	2°35	22°58	n.a.	S 21
M22	13 43 29	27° 5'19	6♓58	11°26	23° 5	1°34	24°13	22° 7	25°45	14°40	29° 1	1°32	2°32	23° 5	n.a.	M22
T 23	13 47 25	28° 2'50	19°30	13°20	24°16	1°14	24°26	22° 7	25°43	14°41	29° 1	1°24	2°29	23°12	n.a.	T 23
W24	13 51 22	29° 0'20	1♈52	15°12	25°27	0°54	24°39	22° 6	25°40	14°42	29° 2	1°14	2°26	23°18	n.a.	W24
T 25	13 55 19	29°57'48	14° 4	17° 1	26°38	0°34	24°52	22° 6	25°38	14°43	29° 3	1° 3	2°22	23°25	n.a.	T 25
F 26	13 59 15	0♉55'16	26° 8	18°48	27°49	0°14	25° 5	22° 5	25°35	14°43	29° 4	0°52	2°19	23°32	n.a.	F 26
S 27	14 3 12	1°52'43	8♉ 6	20°31	29° 1	29♎54	25°18	22° 5	25°33	14°44	29° 5	0°41	2°16	23°38	n.a.	S 27
S 28	14 7 8	2°50'08	19°58	22°12	0♈12	29°34	25°31	22° 5	25°30	14°45	29° 6	0°33	2°13	23°45	n.a.	S 28
M29	14 11 5	3°47'33	1♊46	23°49	1°23	29°13	25°44	22°D 5	25°28	14°46	29° 7	0°27	2°10	23°52	n.a.	M29
T 30	14 15 1	4♉44'56	13♊34	25♉24	2♈35	28♎53	25♉57	22♌ 5	25♎25	14♒47	29♊ 8	0♋23	2♋ 6	23♉58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n46	15n41	3s13	2s27	1s29	13s15	1s 8	12s40	1n16	17n31	0s26	16n13	2n14	9s56	0n30	17s35	0s51	27n 0	3n16	23n42	23n41	14n46		n.a.
T 2	3 9	19 4	2 22	1 31	1 22	12 53	1 11	12 40	1 13	17 35	0 25	16 14	2 14	9 55	0 30	17 34	0 51	27 0	3 16	23 42	23 41	14 49		n.a.
W 3	3 32	21 41	1 24	0 34	1 13	12 30	1 13	12 39	1 11	17 38	0 25	16 15	2 14	9 54	0 30	17 34	0 51	27 0	3 16	23 42	23 41	14 51		n.a.
T 4	3 55	23 22	0 22	0n24	1 4	12 7	1 16	12 38	1 9	17 41	0 25	16 15	2 14	9 53	0 30	17 33	0 51	27 0	3 16	23 42	23 41	14 54		n.a.
F 5	4 18	23 59	0n42	1 23	0 55	11 43	1 18	12 37	1 7	17 45	0 25	16 16	2 14	9 52	0 30	17 33	0 51	27 0	3 16	23 42	23 41	14 56		n.a.
S 6	4 41	23 27	1 46	2 22	0 46	11 19	1 20	12 35	1 5	17 48	0 25	16 17	2 14	9 51	0 30	17 33	0 51	27 0	3 16	23 42	23 41	14 58		n.a.
S 7	5 4	21 41	2 46	3 22	0 36	10 55	1 22	12 34	1 2	17 51	0 25	16 17	2 13	9 50	0 30	17 32	0 51	27 0	3 16	23 42	23 41	15 1		n.a.
M 8	5 27	18 45	3 39	4 22	0 26	10 31	1 24	12 32	1 0	17 55	0 25	16 18	2 13	9 49	0 30	17 32	0 51	27 0	3 16	23 42	23 41	15 3		n.a.
T 9	5 49	14 41	4 22	5 23	0 15	10 6	1 26	12 30	0 57	17 58	0 24	16 18	2 13	9 49	0 30	17 31	0 51	27 0	3 16	23 42	23 41	15 5		n.a.
W10	6 12	9 42	4 50	6 23	0 5	9 41	1 28	12 28	0 55	18 1	0 24	16 19	2 13	9 48	0 30	17 31	0 51	27 0	3 16	23 42	23 42	15 8		n.a.
T 11	6 34	4 3	5 1	7 24	0n 6	9 16	1 30	12 26	0 52	18 5	0 24	16 19	2 13	9 47	0 30	17 31	0 51	27 0	3 16	23 43	23 42	15 10		n.a.
F 12	6 57	1s58	4 53	8 23	0 16	8 50	1 31	12 23	0 50	18 8	0 24	16 20	2 13	9 46	0 30	17 30	0 51	27 0	3 16	23 43	23 42	15 13		n.a.
S 13	7 19	7 57	4 23	9 23	0 27	8 24	1 33	12 21	0 47	18 11	0 24	16 20	2 13	9 45	0 30	17 30	0 51	27 0	3 16	23 43	23 42	15 15		n.a.
S 14	7 41	13 29	3 36	10 21	0 37	7 58	1 34	12 18	0 44	18 15	0 24	16 21	2 12	9 44	0 30	17 30	0 51	27 0	3 16	23 43	23 42	15 17		n.a.
M15	8 3	18 10	2 34	11 18	0 48	7 32	1 36	12 15	0 41	18 18	0 24	16 21	2 12	9 43	0 30	17 29	0 52	27 0	3 16	23 43	23 42	15 20		n.a.
T 16	8 25	21 37	1 23	12 14	0 58	7 5	1 37	12 12	0 38	18 21	0 23	16 21	2 12	9 42	0 30	17 29	0 52	27 0	3 16	23 43	23 42	15 22		n.a.
W17	8 47	23 36	0 7	13 8	1 7	6 38	1 38	12 9	0 35	18 25	0 23	16 21	2 12	9 41	0 30	17 29	0 52	27 0	3 16	23 43	23 42	15 24		n.a.
T 18	9 8	24 3	1s 7	14 0	1 16	6 11	1 40	12 5	0 32	18 28	0 23	16 22	2 12	9 40	0 30	17 28	0 52	27 0	3 16	23 43	23 42	15 27		n.a.
F 19	9 30	23 2	2 15	14 51	1 25	5 44	1 41	12 2	0 29	18 31	0 23	16 22	2 12	9 40	0 30	17 28	0 52	27 0	3 16	23 43	23 42	15 29		n.a.
S 20	9 51	20 44	3 14	15 39	1 34	5 17	1 42	11 58	0 26	18 35	0 23	16 22	2 12	9 39	0 29	17 28	0 52	27 0	3 16	23 43	23 42	15 31		n.a.
S 21	10 13	17 24	4 2	16 25	1 41	4 49	1 43	11 55	0 23	18 38	0 23	16 22	2 11	9 38	0 29	17 28	0 52	27 0	3 16	23 43	23 42	15 34		n.a.
M22	10 34	13 20	4 36	17 9	1 48	4 22	1 43	11 51	0 20	18 41	0 23	16 22	2 11	9 37	0 29	17 27	0 52	27 0	3 16	23 43	23 42	15 36		n.a.
T 23	10 54	8 45	4 57	17 51	1 55	3 54	1 44	11 47	0 17	18 45	0 22	16 22	2 11	9 36	0 29	17 27	0 52	27 0	3 16	23 43	23 42	15 38		n.a.
W24	11 15	3 53	5 3	18 30	2 0	3 26	1 45	11 43	0 14	18 48	0 22	16 22	2 11	9 35	0 29	17 27	0 52	27 0	3 16	23 43	23 42	15 41		n.a.
T 25	11 36	1n 5	4 56	19 7	2 5	2 58	1 45	11 39	0 10	18 51	0 22	16 22	2 11	9 34	0 29	17 27	0 52	27 0	3 16	23 44	23 43	15 43		n.a.
F 26	11 56	5 57	4 35	19 42	2 10	2 30	1 46	11 35	0 7	18 55	0 22	16 22	2 11	9 33	0 29	17 26	0 52	27 0	3 16	23 44	23 43	15 45		n.a.
S 27	12 16	10 34	4 2	20 14	2 13	2 1	1 46	11 31	0 4	18 58	0 22	16 22	2 10	9 32	0 29	17 26	0 52	27 0	3 16	23 44	23 43	15 48		n.a.
S 28	12 36	14 45	3 19	20 44	2 16	1 33	1 47	11 27	0 1	19 1	0 22	16 22	2 10	9 31	0 29	17 26	0 52	27 0	3 16	23 44	23 43	15 50		n.a.
M29	12 56	18 22	2 27	21 11	2 18	1 4	1 47	11 22	0s 3	19 5	0 22	16 22	2 10	9 30	0 29	17 26	0 52	27 0	3 16	23 44	23 43	15 52		n.a.
T 30	13n16	21n14	1s29	21n36	2n19	0s36	1s47	11s18	0s 6	19n 8	0s22	16n22	2n10	9s30	0n29	17s26	0s52	27n 0	3n16	23n44	23n43	15n55		n.a.

Julian Day Number = 1615956.5, Delta T = 03h50m25s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'28, Lahiri = - 7°56'27 Julian Calendar 1 Apr. 289 BCE == Greg. Calendar 28 March 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

MAY 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 18 58	5♉42'18	25♊24	26♉56	3♈46	28°R33	26♉11	22♌ 5	25°R23	14♒47	29♊10	0°D21	2♋ 3	24♉ 5	n.a.	W 1
T 2	14 22 54	6°39'39	7♋19	28°25	4°58	28♎13	26°24	22° 6	25♎20	14°48	29°11	0♋21	2° 0	24°12	n.a.	T 2
F 3	14 26 51	7°36'59	19°25	29°51	6° 9	27°53	26°37	22° 6	25°18	14°49	29°12	0°22	1°57	24°18	n.a.	F 3
S 4	14 30 48	8°34'18	1♌46	1♊13	7°21	27°33	26°50	22° 6	25°15	14°49	29°13	0°23	1°54	24°25	n.a.	S 4
S 5	14 34 44	9°31'36	14°28	2°33	8°32	27°14	27° 4	22° 7	25°13	14°50	29°14	0°R23	1°51	24°32	n.a.	S 5
M 6	14 38 41	10°28'52	27°34	3°49	9°44	26°55	27°17	22° 8	25°11	14°50	29°15	0°22	1°47	24°38	n.a.	M 6
T 7	14 42 37	11°26'07	11♍ 7	5° 2	10°55	26°36	27°30	22° 9	25° 8	14°51	29°16	0°18	1°44	24°45	n.a.	T 7
W 8	14 46 34	12°23'21	25°10	6°12	12° 7	26°18	27°44	22° 9	25° 6	14°51	29°18	0°13	1°41	24°52	n.a.	W 8
T 9	14 50 30	13°20'34	9♎41	7°19	13°18	26° 0	27°57	22°10	25° 4	14°52	29°19	0° 7	1°38	24°58	n.a.	T 9
F 10	14 54 27	14°17'47	24°35	8°22	14°30	25°43	28°10	22°11	25° 1	14°52	29°20	0° 0	1°35	25° 5	n.a.	F 10
S 11	14 58 23	15°14'58	9♏45	9°22	15°42	25°26	28°24	22°13	24°59	14°52	29°21	29♊54	1°32	25°12	n.a.	S 11
S 12	15 2 20	16°12'09	25° 0	10°18	16°54	25° 9	28°37	22°14	24°57	14°53	29°23	29°49	1°28	25°18	n.a.	S 12
M13	15 6 17	17° 9'20	10♐10	11°11	18° 5	24°54	28°51	22°15	24°54	14°53	29°24	29°46	1°25	25°25	n.a.	M13
T 14	15 10 13	18° 6'30	25° 6	12° 0	19°17	24°39	29° 4	22°17	24°52	14°53	29°25	29°D44	1°22	25°32	n.a.	T 14
W15	15 14 10	19° 3'39	9♑41	12°45	20°29	24°24	29°18	22°18	24°50	14°54	29°27	29°44	1°19	25°38	n.a.	W15
T 16	15 18 6	20° 0'49	23°51	13°26	21°41	24°10	29°31	22°20	24°48	14°54	29°28	29°46	1°16	25°45	n.a.	T 16
F 17	15 22 3	20°57'58	7♒36	14° 3	22°53	23°57	29°45	22°22	24°46	14°54	29°29	29°47	1°12	25°52	n.a.	F 17
S 18	15 25 59	21°55'07	20°57	14°36	24° 5	23°45	29°58	22°24	24°43	14°54	29°31	29°R48	1° 9	25°58	n.a.	S 18
S 19	15 29 56	22°52'15	3♓55	15° 5	25°17	23°33	0♊12	22°26	24°41	14°54	29°32	29°47	1° 6	26° 5	n.a.	S 19
M20	15 33 52	23°49'24	16°35	15°30	26°29	23°22	0°25	22°28	24°39	14°55	29°33	29°45	1° 3	26°12	n.a.	M20
T 21	15 37 49	24°46'32	28°59	15°50	27°41	23°12	0°39	22°30	24°37	14°55	29°35	29°41	1° 0	26°18	n.a.	T 21
W22	15 41 46	25°43'41	11♈10	16° 6	28°53	23° 2	0°53	22°32	24°35	14°R55	29°36	29°36	0°57	26°25	n.a.	W22
T 23	15 45 42	26°40'49	23°13	16°17	0♉ 5	22°54	1° 6	22°34	24°33	14°55	29°38	29°31	0°53	26°32	n.a.	T 23
F 24	15 49 39	27°37'57	5♉ 9	16°24	1°17	22°46	1°20	22°37	24°31	14°55	29°39	29°25	0°50	26°38	n.a.	F 24
S 25	15 53 35	28°35'05	17° 0	16°R26	2°29	22°39	1°33	22°39	24°29	14°54	29°41	29°20	0°47	26°45	n.a.	S 25
S 26	15 57 32	29°32'13	28°49	16°23	3°42	22°32	1°47	22°42	24°27	14°54	29°42	29°16	0°44	26°52	n.a.	S 26
M27	16 1 28	0♊29'21	10♊37	16°16	4°54	22°27	2° 0	22°45	24°25	14°54	29°44	29°13	0°41	26°58	n.a.	M27
T 28	16 5 25	1°26'29	22°27	16° 5	6° 6	22°23	2°14	22°48	24°24	14°54	29°45	29°11	0°38	27° 5	n.a.	T 28
W29	16 9 21	2°23'36	4♋21	15°49	7°18	22°19	2°28	22°51	24°22	14°54	29°47	29°D11	0°34	27°12	n.a.	W29
T 30	16 13 18	3°20'43	16°23	15°29	8°31	22°16	2°41	22°54	24°20	14°54	29°48	29°12	0°31	27°18	n.a.	T 30
F 31	16 17 15	4♊17'51	28♋34	15♊ 6	9♉43	22♎14	2♊55	22♌57	24♎18	14♒53	29♊50	29♊14	0♋28	27♉25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n35	23n12	0s27	21n59	2n20	0s 7	1s47	11s14	0s10	19n11	0s21	16n22	2n10	9s29	0n29	17s26	0s52	27n 0	3n16	23n44	23n43	15n57		n.a.
T 2	13 54	24 9	0n37	22 19	2 20	0n21	1 47	11 10	0 13	19 14	0 21	16 21	2 10	9 28	0 29	17 25	0 52	27 0	3 16	23 44	23 43	15 59		n.a.
F 3	14 13	23 58	1 41	22 37	2 19	0 50	1 47	11 6	0 16	19 18	0 21	16 21	2 9	9 27	0 29	17 25	0 52	27 0	3 16	23 44	23 43	16 2		n.a.
S 4	14 32	22 37	2 41	22 53	2 17	1 19	1 47	11 2	0 20	19 21	0 21	16 21	2 9	9 26	0 29	17 25	0 52	27 0	3 16	23 44	23 43	16 4		n.a.
S 5	14 50	20 7	3 35	23 7	2 14	1 48	1 47	10 58	0 23	19 24	0 21	16 20	2 9	9 25	0 29	17 25	0 52	27 0	3 16	23 44	23 43	16 6		n.a.
M 6	15 9	16 31	4 19	23 18	2 11	2 16	1 46	10 54	0 26	19 27	0 21	16 20	2 9	9 24	0 29	17 25	0 52	27 0	3 16	23 44	23 43	16 8		n.a.
T 7	15 27	11 58	4 51	23 28	2 6	2 45	1 46	10 50	0 30	19 30	0 21	16 20	2 9	9 23	0 29	17 25	0 52	27 0	3 16	23 44	23 43	16 11		n.a.
W 8	15 45	6 38	5 7	23 36	2 2	3 14	1 46	10 47	0 33	19 33	0 21	16 19	2 9	9 23	0 29	17 25	0 52	27 0	3 16	23 44	23 43	16 13		n.a.
T 9	16 2	0 46	5 4	23 42	1 56	3 42	1 45	10 43	0 36	19 37	0 21	16 19	2 8	9 22	0 29	17 25	0 52	27 0	3 16	23 44	23 43	16 15		n.a.
F 10	16 19	5s18	4 41	23 46	1 49	4 11	1 44	10 40	0 39	19 40	0 20	16 18	2 8	9 21	0 29	17 24	0 53	27 0	3 16	23 44	23 43	16 18		n.a.
S 11	16 36	11 10	3 57	23 48	1 42	4 39	1 44	10 37	0 43	19 43	0 20	16 18	2 8	9 20	0 29	17 24	0 53	27 0	3 16	23 44	23 43	16 20		n.a.
S 12	16 53	16 23	2 57	23 49	1 34	5 8	1 43	10 33	0 46	19 46	0 20	16 17	2 8	9 19	0 29	17 24	0 53	27 0	3 16	23 44	23 43	16 22		n.a.
M13	17 10	20 32	1 44	23 48	1 25	5 36	1 42	10 31	0 49	19 49	0 20	16 16	2 8	9 18	0 29	17 24	0 53	27 0	3 16	23 44	23 43	16 24		n.a.
T 14	17 26	23 13	0 25	23 45	1 16	6 5	1 41	10 28	0 52	19 52	0 20	16 16	2 8	9 18	0 29	17 24	0 53	27 0	3 16	23 44	23 43	16 27		n.a.
W15	17 42	24 16	0s54	23 41	1 6	6 33	1 40	10 25	0 55	19 55	0 20	16 15	2 7	9 17	0 29	17 24	0 53	27 0	3 16	23 44	23 43	16 29		n.a.
T 16	17 58	23 41	2 7	23 35	0 55	7 1	1 39	10 23	0 58	19 58	0 20	16 14	2 7	9 16	0 29	17 24	0 53	27 0	3 16	23 44	23 43	16 31		n.a.
F 17	18 13	21 40	3 11	23 28	0 43	7 29	1 38	10 21	1 1	20 1	0 20	16 14	2 7	9 15	0 29	17 24	0 53	27 0	3 16	23 44	23 43	16 34		n.a.
S 18	18 28	18 31	4 3	23 20	0 31	7 57	1 37	10 19	1 4	20 4	0 20	16 13	2 7	9 14	0 29	17 24	0 53	27 0	3 16	23 44	23 44	16 36		n.a.
S 19	18 43	14 32	4 40	23 11	0 18	8 25	1 36	10 17	1 7	20 7	0 19	16 12	2 7	9 14	0 29	17 24	0 53	27 0	3 16	23 44	23 44	16 38		n.a.
M20	18 57	10 0	5 3	23 0	0 4	8 52	1 35	10 16	1 10	20 10	0 19	16 11	2 7	9 13	0 29	17 24	0 53	27 0	3 16	23 44	23 44	16 40		n.a.
T 21	19 12	5 10	5 11	22 48	0s10	9 20	1 33	10 14	1 13	20 13	0 19	16 10	2 6	9 12	0 29	17 24	0 53	27 0	3 16	23 44	23 44	16 43		n.a.
W22	19 25	0 12	5 5	22 35	0 25	9 47	1 32	10 13	1 15	20 16	0 19	16 9	2 6	9 11	0 29	17 24	0 53	27 0	3 16	23 44	23 44	16 45		n.a.
T 23	19 39	4n43	4 45	22 21	0 40	10 14	1 30	10 13	1 18	20 19	0 19	16 8	2 6	9 11	0 29	17 24	0 53	27 0	3 16	23 44	23 44	16 47		n.a.
F 24	19 52	9 25	4 13	22 7	0 55	10 41	1 29	10 12	1 21	20 22	0 19	16 7	2 6	9 10	0 29	17 24	0 53	27 0	3 16	23 44	23 44	16 49		n.a.
S 25	20 5	13 45	3 31	21 51	1 11	11 7	1 27	10 12	1 23	20 25	0 19	16 6	2 6	9 9	0 29	17 24	0 53	27 0	3 16	23 44	23 44	16 52		n.a.
S 26	20 18	17 33	2 39	21 35	1 27	11 34	1 26	10 12	1 26	20 28	0 19	16 5	2 6	9 9	0 29	17 24	0 53	27 0	3 16	23 44	23 44	16 54		n.a.
M27	20 30	20 40	1 40	21 18	1 43	12 0	1 24	10 12	1 28	20 31	0 19	16 4	2 5	9 8	0 29	17 24	0 53	27 0	3 16	23 44	23 44	16 56		n.a.
T 28	20 42	22 54	0 37	21 1	1 59	12 25	1 22	10 13	1 31	20 34	0 18	16 3	2 5	9 7	0 29	17 25	0 53	27 0	3 17	23 44	23 44	16 58		n.a.
W29	20 54	24 8	0n28	20 43	2 15	12 51	1 20	10 13	1 33	20 36	0 18	16 2	2 5	9 7	0 29	17 25	0 53	27 0	3 17	23 44	23 44	17 1		n.a.
T 30	21 5	24 15	1 33	20 26	2 31	13 16	1 19	10 15	1 35	20 39	0 18	16 1	2 5	9 6	0 29	17 25	0 53	27 0	3 17	23 44	23 44	17 3		n.a.
F 31	21n16	23n13	2n35	20n 8	2s47	13n41	1s17	10s16	1s37	20n42	0s18	16n 0	2n 5	9s 5	0n29	17s25	0s53	27n 0	3n17	23n44	23n44	17n 5		n.a.

Julian Day Number = 1615986.5, Delta T = 03h50m24s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'23, Lahiri = - 7°56'23 Julian Calendar 1 May 289 BCE == Greg. Calendar 27 Apr. 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

JUNE 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 21 11	5♊14'57	10♌59	14°R39	10♉55	22°R13	3♊ 8	23♌ 0	24°R17	14°R53	29♊51	29♊15	0♋25	27♉32	n.a.	S 1
S 2	16 25 8	6°12'04	23°42	14♊ 9	12° 8	22°D13	3°22	23° 3	24♎15	14♒53	29°53	29°16	0°22	27°38	n.a.	S 2
M 3	16 29 4	7° 9'11	6♍46	13°36	13°20	22♎13	3°36	23° 6	24°13	14°52	29°54	29°R17	0°18	27°45	n.a.	M 3
T 4	16 33 1	8° 6'17	20°14	13° 1	14°33	22°15	3°49	23°10	24°12	14°52	29°56	29°17	0°15	27°52	n.a.	T 4
W 5	16 36 57	9° 3'23	4♎ 8	12°25	15°45	22°17	4° 3	23°13	24°10	14°52	29°58	29°15	0°12	27°58	n.a.	W 5
T 6	16 40 54	10° 0'29	18°28	11°47	16°58	22°20	4°16	23°17	24° 9	14°51	29°59	29°13	0° 9	28° 5	n.a.	T 6
F 7	16 44 50	10°57'35	3♏11	11° 9	18°10	22°24	4°30	23°21	24° 7	14°51	0♋ 1	29°11	0° 6	28°12	n.a.	F 7
S 8	16 48 47	11°54'41	18°11	10°32	19°23	22°29	4°43	23°24	24° 6	14°50	0° 2	29° 9	0° 3	28°18	n.a.	S 8
S 9	16 52 44	12°51'47	3♐21	9°55	20°36	22°34	4°57	23°28	24° 5	14°50	0° 4	29° 7	29♊59	28°25	n.a.	S 9
M10	16 56 40	13°48'54	18°31	9°21	21°48	22°40	5°10	23°32	24° 3	14°49	0° 6	29° 6	29°56	28°32	n.a.	M10
T 11	17 0 37	14°46'01	3♑32	8°48	23° 1	22°47	5°24	23°36	24° 2	14°48	0° 7	29°D 6	29°53	28°38	n.a.	T 11
W12	17 4 33	15°43'08	18°15	8°18	24°14	22°55	5°37	23°40	24° 1	14°48	0° 9	29° 7	29°50	28°45	n.a.	W12
T 13	17 8 30	16°40'16	2♒36	7°52	25°26	23° 4	5°51	23°44	24° 0	14°47	0°11	29° 7	29°47	28°52	n.a.	T 13
F 14	17 12 26	17°37'25	16°30	7°29	26°39	23°13	6° 4	23°49	23°58	14°46	0°12	29° 8	29°44	28°58	n.a.	F 14
S 15	17 16 23	18°34'34	29°57	7°11	27°52	23°23	6°18	23°53	23°57	14°46	0°14	29° 9	29°40	29° 5	n.a.	S 15
S 16	17 20 20	19°31'44	13♓ 0	6°57	29° 5	23°34	6°31	23°57	23°56	14°45	0°15	29°10	29°37	29°12	n.a.	S 16
M17	17 24 16	20°28'55	25°41	6°48	0♊18	23°45	6°44	24° 2	23°55	14°44	0°17	29°R10	29°34	29°18	n.a.	M17
T 18	17 28 13	21°26'07	8♈ 3	6°D45	1°31	23°57	6°58	24° 6	23°54	14°43	0°19	29° 9	29°31	29°25	n.a.	T 18
W19	17 32 9	22°23'19	20°11	6°47	2°44	24°10	7°11	24°11	23°53	14°43	0°20	29° 9	29°28	29°32	n.a.	W19
T 20	17 36 6	23°20'33	2♉ 9	6°55	3°57	24°24	7°24	24°16	23°52	14°42	0°22	29° 8	29°24	29°38	n.a.	T 20
F 21	17 40 2	24°17'47	14° 0	7° 8	5°10	24°38	7°38	24°20	23°52	14°41	0°24	29° 7	29°21	29°45	n.a.	F 21
S 22	17 43 59	25°15'03	25°49	7°27	6°23	24°53	7°51	24°25	23°51	14°40	0°26	29° 7	29°18	29°52	n.a.	S 22
S 23	17 47 55	26°12'19	7♊37	7°52	7°36	25° 8	8° 4	24°30	23°50	14°39	0°27	29° 6	29°15	29°58	n.a.	S 23
M24	17 51 52	27° 9'36	19°28	8°23	8°49	25°24	8°17	24°35	23°49	14°38	0°29	29° 6	29°12	0♊ 5	n.a.	M24
T 25	17 55 49	28° 6'54	1♋25	9° 0	10° 2	25°41	8°31	24°40	23°49	14°37	0°31	29°D 6	29° 9	0°12	n.a.	T 25
W26	17 59 45	29° 4'13	13°28	9°42	11°16	25°58	8°44	24°45	23°48	14°36	0°32	29°R 6	29° 5	0°18	n.a.	W26
T 27	18 3 42	0♋ 1'33	25°41	10°31	12°29	26°16	8°57	24°50	23°48	14°35	0°34	29° 6	29° 2	0°25	n.a.	T 27
F 28	18 7 38	0°58'53	8♌ 4	11°25	13°42	26°35	9°10	24°56	23°47	14°34	0°36	29° 6	28°59	0°32	n.a.	F 28
S 29	18 11 35	1°56'14	20°41	12°24	14°55	26°54	9°23	25° 1	23°47	14°33	0°37	29° 6	28°56	0°38	n.a.	S 29
S 30	18 15 31	2♋53'36	3♍33	13♊29	16♊ 9	27♎14	9♊36	25♌ 6	23♎46	14♒32	0♋39	29♊ 5	28♊53	0♊45	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n26	21n 3	3n30	19n50	3s 1	14n 6	1s15	10s17	1s40	20n45	0s18	15n59	2n 5	9s 5	0n29	17s25	0s53	27n 0	3n17	23n44	23n44	17n 7		n.a.
S 2	21 36	17 49	4 17	19 32	3 16	14 30	1 13	10 19	1 42	20 47	0 18	15 57	2 5	9 4	0 29	17 25	0 53	27 0	3 17	23 44	23 44	17 10		n.a.
M 3	21 46	13 38	4 52	19 15	3 29	14 54	1 11	10 21	1 44	20 50	0 18	15 56	2 4	9 4	0 29	17 25	0 53	27 1	3 17	23 44	23 44	17 12		n.a.
T 4	21 56	8 41	5 12	18 58	3 42	15 18	1 9	10 24	1 46	20 53	0 18	15 55	2 4	9 3	0 29	17 25	0 54	27 1	3 17	23 44	23 44	17 14		n.a.
W 5	22 5	3 8	5 14	18 42	3 53	15 42	1 7	10 27	1 48	20 55	0 18	15 54	2 4	9 2	0 29	17 26	0 54	27 1	3 17	23 44	23 44	17 16		n.a.
T 6	22 13	2s44	4 58	18 27	4 3	16 5	1 5	10 30	1 50	20 58	0 18	15 52	2 4	9 2	0 29	17 26	0 54	27 1	3 17	23 44	23 44	17 18		n.a.
F 7	22 22	8 37	4 22	18 13	4 12	16 27	1 2	10 33	1 52	21 1	0 17	15 51	2 4	9 1	0 29	17 26	0 54	27 1	3 17	23 44	23 44	17 21		n.a.
S 8	22 29	14 8	3 27	18 1	4 20	16 49	1 0	10 36	1 54	21 3	0 17	15 49	2 4	9 1	0 29	17 26	0 54	27 1	3 17	23 44	23 44	17 23		n.a.
S 9	22 37	18 50	2 18	17 50	4 26	17 11	0 58	10 40	1 55	21 6	0 17	15 48	2 4	9 0	0 29	17 26	0 54	27 1	3 17	23 44	23 44	17 25		n.a.
M10	22 44	22 16	0 58	17 40	4 30	17 32	0 56	10 44	1 57	21 8	0 17	15 47	2 3	9 0	0 29	17 27	0 54	27 1	3 17	23 44	23 44	17 27		n.a.
T 11	22 51	24 5	0s25	17 33	4 33	17 53	0 53	10 48	1 59	21 11	0 17	15 45	2 3	9 0	0 28	17 27	0 54	27 1	3 17	23 44	23 44	17 29		n.a.
W12	22 57	24 11	1 44	17 27	4 34	18 14	0 51	10 52	2 0	21 13	0 17	15 44	2 3	8 59	0 28	17 27	0 54	27 1	3 17	23 44	23 44	17 32		n.a.
T 13	23 3	22 39	2 55	17 23	4 34	18 34	0 49	10 57	2 2	21 16	0 17	15 42	2 3	8 59	0 28	17 27	0 54	27 1	3 17	23 44	23 44	17 34		n.a.
F 14	23 9	19 47	3 54	17 21	4 32	18 54	0 46	11 2	2 3	21 18	0 17	15 40	2 3	8 58	0 28	17 27	0 54	27 1	3 17	23 44	23 44	17 36		n.a.
S 15	23 14	15 56	4 37	17 22	4 28	19 13	0 44	11 7	2 5	21 21	0 17	15 39	2 3	8 58	0 28	17 28	0 54	27 1	3 17	23 44	23 44	17 38		n.a.
S 16	23 19	11 26	5 5	17 24	4 24	19 31	0 42	11 13	2 6	21 23	0 17	15 37	2 3	8 58	0 28	17 28	0 54	27 1	3 17	23 44	23 44	17 40		n.a.
M17	23 23	6 34	5 17	17 29	4 18	19 49	0 39	11 18	2 8	21 26	0 17	15 36	2 2	8 57	0 28	17 28	0 54	27 1	3 17	23 44	23 44	17 43		n.a.
T 18	23 27	1 34	5 13	17 35	4 10	20 7	0 37	11 24	2 9	21 28	0 16	15 34	2 2	8 57	0 28	17 28	0 54	27 1	3 17	23 44	23 44	17 45		n.a.
W19	23 30	3n25	4 56	17 44	4 2	20 24	0 34	11 30	2 10	21 30	0 16	15 32	2 2	8 57	0 28	17 29	0 54	27 1	3 17	23 44	23 44	17 47		n.a.
T 20	23 34	8 12	4 26	17 54	3 53	20 41	0 32	11 36	2 12	21 33	0 16	15 31	2 2	8 56	0 28	17 29	0 54	27 1	3 17	23 44	23 44	17 49		n.a.
F 21	23 36	12 39	3 45	18 7	3 42	20 57	0 29	11 43	2 13	21 35	0 16	15 29	2 2	8 56	0 28	17 29	0 54	27 1	3 18	23 44	23 44	17 51		n.a.
S 22	23 39	16 37	2 55	18 21	3 31	21 12	0 27	11 49	2 14	21 37	0 16	15 27	2 2	8 56	0 28	17 30	0 54	27 1	3 18	23 44	23 44	17 53		n.a.
S 23	23 40	19 56	1 57	18 37	3 19	21 27	0 24	11 56	2 15	21 39	0 16	15 25	2 2	8 55	0 28	17 30	0 54	27 1	3 18	23 44	23 44	17 56		n.a.
M24	23 42	22 25	0 53	18 54	3 7	21 41	0 22	12 3	2 16	21 42	0 16	15 24	2 2	8 55	0 28	17 30	0 54	27 1	3 18	23 44	23 44	17 58		n.a.
T 25	23 43	23 56	0n13	19 13	2 53	21 55	0 19	12 10	2 17	21 44	0 16	15 22	2 1	8 55	0 28	17 31	0 54	27 2	3 18	23 44	23 44	18 0		n.a.
W26	23 44	24 21	1 19	19 32	2 40	22 8	0 17	12 18	2 18	21 46	0 16	15 20	2 1	8 55	0 28	17 31	0 54	27 2	3 18	23 44	23 44	18 2		n.a.
T 27	23 44	23 36	2 22	19 53	2 26	22 20	0 14	12 25	2 19	21 48	0 16	15 18	2 1	8 55	0 28	17 31	0 54	27 2	3 18	23 44	23 44	18 4		n.a.
F 28	23 44	21 41	3 20	20 15	2 12	22 32	0 11	12 33	2 20	21 50	0 16	15 16	2 1	8 55	0 28	17 32	0 54	27 2	3 18	23 44	23 44	18 6		n.a.
S 29	23 43	18 42	4 9	20 37	1 58	22 43	0 9	12 41	2 21	21 52	0 15	15 14	2 1	8 54	0 28	17 32	0 54	27 2	3 18	23 44	23 44	18 9		n.a.
S 30	23n42	14n46	4n47	20n59	1s43	22n54	0s 6	12s49	2s22	21n54	0s15	15n12	2n 1	8s54	0n28	17s32	0s54	27n 2	3n18	23n44	23n44	18n11		n.a.

Julian Day Number = 1616017.5, Delta T = 03h50m23s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'19, Lahiri = - 7°56'19 Julian Calendar 1 June 289 BCE == Greg. Calendar 28 May 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

JULY 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 19 28	3♋50'58	16♍41	14♊40	17♊22	27♎34	9♊49	25♌12	23°R46	14°R31	0♋41	29°R 5	28♊50	0♊52	n.a.	M 1
T 2	18 23 25	4°48'22	0♎ 9	15°55	18°36	27°55	10° 2	25°17	23♎46	14♒29	0°42	29°D 5	28°46	0°58	n.a.	T 2
W 3	18 27 21	5°45'46	13°56	17°16	19°49	28°16	10°15	25°23	23°46	14°28	0°44	29♊ 5	28°43	1° 5	n.a.	W 3
T 4	18 31 18	6°43'10	28° 3	18°42	21° 2	28°38	10°27	25°28	23°45	14°27	0°46	29° 5	28°40	1°12	n.a.	T 4
F 5	18 35 14	7°40'36	12♏29	20°12	22°16	29° 1	10°40	25°34	23°45	14°26	0°47	29° 6	28°37	1°18	n.a.	F 5
S 6	18 39 11	8°38'03	27°11	21°47	23°30	29°24	10°53	25°40	23°45	14°24	0°49	29° 7	28°34	1°25	n.a.	S 6
S 7	18 43 7	9°35'30	12♐ 2	23°26	24°43	29°47	11° 6	25°46	23°D45	14°23	0°51	29° 7	28°30	1°32	n.a.	S 7
M 8	18 47 4	10°32'59	26°57	25° 9	25°57	0♑11	11°18	25°51	23°45	14°22	0°52	29°R 8	28°27	1°38	n.a.	M 8
T 9	18 51 0	11°30'29	11♑48	26°55	27°10	0°35	11°31	25°57	23°45	14°21	0°54	29° 7	28°24	1°45	n.a.	T 9
W10	18 54 57	12°28'00	26°27	28°44	28°24	1° 0	11°43	26° 3	23°45	14°19	0°56	29° 6	28°21	1°52	n.a.	W10
T 11	18 58 54	13°25'32	10♒48	0♋37	29°38	1°25	11°56	26° 9	23°46	14°18	0°57	29° 5	28°18	1°58	n.a.	T 11
F 12	19 2 50	14°23'06	24°46	2°31	0♋51	1°51	12° 8	26°15	23°46	14°17	0°59	29° 3	28°15	2° 5	n.a.	F 12
S 13	19 6 47	15°20'41	8♓19	4°28	2° 5	2°17	12°21	26°21	23°46	14°15	1° 1	29° 1	28°11	2°12	n.a.	S 13
S 14	19 10 43	16°18'18	21°26	6°27	3°19	2°44	12°33	26°28	23°46	14°14	1° 2	28°59	28° 8	2°18	n.a.	S 14
M15	19 14 40	17°15'57	4♈10	8°26	4°33	3°11	12°45	26°34	23°47	14°12	1° 4	28°58	28° 5	2°25	n.a.	M15
T 16	19 18 36	18°13'37	16°34	10°27	5°47	3°38	12°58	26°40	23°47	14°11	1° 6	28°D57	28° 2	2°32	n.a.	T 16
W17	19 22 33	19°11'19	28°42	12°28	7° 1	4° 6	13°10	26°46	23°48	14°10	1° 7	28°58	27°59	2°38	n.a.	W17
T 18	19 26 29	20° 9'02	10♉39	14°30	8°15	4°34	13°22	26°53	23°48	14° 8	1° 9	28°59	27°56	2°45	n.a.	T 18
F 19	19 30 26	21° 6'48	22°29	16°31	9°29	5° 3	13°34	26°59	23°49	14° 7	1°10	29° 0	27°52	2°52	n.a.	F 19
S 20	19 34 23	22° 4'35	4♊17	18°33	10°43	5°32	13°46	27° 6	23°50	14° 5	1°12	29° 2	27°49	2°58	n.a.	S 20
S 21	19 38 19	23° 2'24	16° 8	20°34	11°57	6° 1	13°58	27°12	23°50	14° 4	1°14	29° 3	27°46	3° 5	n.a.	S 21
M22	19 42 16	24° 0'15	28° 4	22°34	13°11	6°31	14°10	27°19	23°51	14° 2	1°15	29°R 4	27°43	3°12	n.a.	M22
T 23	19 46 12	24°58'07	10♋ 9	24°33	14°25	7° 1	14°22	27°25	23°52	14° 1	1°17	29° 3	27°40	3°18	n.a.	T 23
W24	19 50 9	25°56'01	22°25	26°32	15°39	7°31	14°33	27°32	23°53	13°59	1°18	29° 2	27°36	3°25	n.a.	W24
T 25	19 54 5	26°53'57	4♌54	28°30	16°53	8° 2	14°45	27°38	23°54	13°57	1°20	28°58	27°33	3°32	n.a.	T 25
F 26	19 58 2	27°51'54	17°36	0♌26	18° 7	8°33	14°56	27°45	23°55	13°56	1°22	28°54	27°30	3°38	n.a.	F 26
S 27	20 1 58	28°49'53	0♍32	2°22	19°22	9° 4	15° 8	27°52	23°56	13°54	1°23	28°50	27°27	3°45	n.a.	S 27
S 28	20 5 55	29°47'54	13°41	4°16	20°36	9°36	15°19	27°58	23°57	13°53	1°25	28°45	27°24	3°52	n.a.	S 28
M29	20 9 52	0♌45'55	27° 4	6° 9	21°50	10° 8	15°31	28° 5	23°58	13°51	1°26	28°41	27°21	3°58	n.a.	M29
T 30	20 13 48	1°43'59	10♎40	8° 1	23° 5	10°40	15°42	28°12	23°59	13°49	1°28	28°37	27°17	4° 5	n.a.	T 30
W31	20 17 45	2♌42'04	24♎29	9♌52	24♋19	11♏13	15♊53	28♌19	24♎ 0	13♒48	1♋29	28♊36	27♊14	4♊12	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n40	10n 4	5n10	21n22	1s29	23n 3	0s 4	12s57	2s23	21n56	0s15	15n10	2n 1	8s54	0n28	17s33	0s54	27n 2	3n18	23n44	23n43	18n13		n.a.
T 2	23 38	4 47	5 17	21 45	1 14	23 13	0 1	13 5	2 24	21 58	0 15	15 8	2 1	8 54	0 28	17 33	0 55	27 2	3 18	23 44	23 43	18 15		n.a.
W 3	23 36	0s51	5 7	22 7	1 0	23 21	0n 1	13 14	2 24	22 0	0 15	15 6	2 1	8 54	0 28	17 33	0 55	27 2	3 18	23 44	23 43	18 17		n.a.
T 4	23 33	6 35	4 38	22 29	0 46	23 29	0 4	13 23	2 25	22 2	0 15	15 4	2 0	8 54	0 28	17 34	0 55	27 2	3 18	23 44	23 43	18 19		n.a.
F 5	23 30	12 7	3 51	22 50	0 32	23 36	0 6	13 31	2 26	22 4	0 15	15 2	2 0	8 54	0 28	17 34	0 55	27 2	3 19	23 44	23 43	18 21		n.a.
S 6	23 27	17 2	2 48	23 10	0 18	23 43	0 9	13 40	2 26	22 6	0 15	15 0	2 0	8 54	0 28	17 35	0 55	27 2	3 19	23 44	23 43	18 24		n.a.
S 7	23 23	20 58	1 33	23 28	0 5	23 48	0 11	13 49	2 27	22 8	0 15	14 58	2 0	8 54	0 28	17 35	0 55	27 2	3 19	23 44	23 43	18 26		n.a.
M 8	23 18	23 30	0 12	23 45	0n 7	23 54	0 14	13 58	2 28	22 10	0 15	14 56	2 0	8 54	0 28	17 35	0 55	27 2	3 19	23 44	23 43	18 28		n.a.
T 9	23 13	24 21	1s10	24 1	0 19	23 58	0 16	14 8	2 28	22 12	0 15	14 54	2 0	8 54	0 28	17 36	0 55	27 2	3 19	23 44	23 43	18 30		n.a.
W10	23 8	23 30	2 26	24 14	0 30	24 2	0 18	14 17	2 29	22 14	0 14	14 52	2 0	8 54	0 28	17 36	0 55	27 3	3 19	23 44	23 43	18 32		n.a.
T 11	23 3	21 7	3 31	24 25	0 41	24 5	0 21	14 27	2 29	22 15	0 14	14 50	2 0	8 54	0 28	17 37	0 55	27 3	3 19	23 44	23 43	18 34		n.a.
F 12	22 57	17 31	4 21	24 33	0 51	24 7	0 23	14 36	2 30	22 17	0 14	14 47	2 0	8 54	0 28	17 37	0 55	27 3	3 19	23 44	23 43	18 36		n.a.
S 13	22 50	13 7	4 56	24 39	1 0	24 8	0 25	14 46	2 30	22 19	0 14	14 45	2 0	8 55	0 27	17 38	0 55	27 3	3 19	23 44	23 43	18 38		n.a.
S 14	22 43	8 13	5 13	24 42	1 8	24 9	0 28	14 55	2 31	22 21	0 14	14 43	2 0	8 55	0 27	17 38	0 55	27 3	3 19	23 44	23 43	18 40		n.a.
M15	22 36	3 8	5 15	24 43	1 16	24 9	0 30	15 5	2 31	22 22	0 14	14 41	2 0	8 55	0 27	17 38	0 55	27 3	3 19	23 44	23 43	18 42		n.a.
T 16	22 28	1n58	5 1	24 41	1 22	24 8	0 32	15 15	2 32	22 24	0 14	14 39	1 59	8 55	0 27	17 39	0 55	27 3	3 19	23 44	23 43	18 45		n.a.
W17	22 20	6 52	4 35	24 36	1 28	24 7	0 35	15 25	2 32	22 26	0 14	14 36	1 59	8 55	0 27	17 39	0 55	27 3	3 20	23 44	23 43	18 47		n.a.
T 18	22 12	11 27	3 56	24 28	1 33	24 5	0 37	15 35	2 32	22 27	0 14	14 34	1 59	8 56	0 27	17 40	0 55	27 3	3 20	23 44	23 43	18 49		n.a.
F 19	22 3	15 35	3 8	24 18	1 37	24 2	0 39	15 45	2 33	22 29	0 14	14 32	1 59	8 56	0 27	17 40	0 55	27 3	3 20	23 44	23 43	18 51		n.a.
S 20	21 54	19 5	2 12	24 6	1 41	23 58	0 41	15 55	2 33	22 30	0 14	14 30	1 59	8 56	0 27	17 41	0 55	27 3	3 20	23 44	23 43	18 53		n.a.
S 21	21 44	21 50	1 11	23 50	1 43	23 54	0 43	16 6	2 33	22 32	0 14	14 27	1 59	8 56	0 27	17 41	0 55	27 3	3 20	23 44	23 43	18 55		n.a.
M22	21 34	23 37	0 5	23 33	1 45	23 49	0 45	16 16	2 34	22 33	0 13	14 25	1 59	8 57	0 27	17 42	0 55	27 3	3 20	23 44	23 43	18 57		n.a.
T 23	21 24	24 21	1n 1	23 13	1 47	23 43	0 47	16 26	2 34	22 35	0 13	14 23	1 59	8 57	0 27	17 42	0 55	27 4	3 20	23 44	23 43	18 59		n.a.
W24	21 13	23 53	2 5	22 51	1 47	23 37	0 49	16 36	2 34	22 36	0 13	14 20	1 59	8 57	0 27	17 43	0 55	27 4	3 20	23 44	23 42	19 1		n.a.
T 25	21 2	22 15	3 4	22 28	1 47	23 30	0 51	16 47	2 34	22 38	0 13	14 18	1 59	8 58	0 27	17 43	0 55	27 4	3 20	23 44	23 42	19 3		n.a.
F 26	20 50	19 28	3 55	22 2	1 46	23 22	0 53	16 57	2 34	22 39	0 13	14 15	1 59	8 58	0 27	17 44	0 55	27 4	3 20	23 44	23 42	19 5		n.a.
S 27	20 39	15 42	4 35	21 35	1 45	23 13	0 55	17 8	2 34	22 40	0 13	14 13	1 59	8 59	0 27	17 44	0 55	27 4	3 21	23 43	23 42	19 7		n.a.
S 28	20 26	11 7	5 2	21 6	1 43	23 4	0 57	17 18	2 35	22 42	0 13	14 11	1 59	8 59	0 27	17 45	0 55	27 4	3 21	23 43	23 42	19 9		n.a.
M29	20 14	5 56	5 12	20 36	1 41	22 54	0 58	17 29	2 35	22 43	0 13	14 8	1 59	8 59	0 27	17 45	0 55	27 4	3 21	23 43	23 42	19 11		n.a.
T 30	20 1	0 24	5 5	20 4	1 38	22 43	1 0	17 39	2 35	22 44	0 13	14 6	1 59	9 0	0 27	17 46	0 55	27 4	3 21	23 43	23 42	19 13		n.a.
W31	19n48	5s15	4n41	19n31	1n35	22n32	1n 2	17s50	2s35	22n46	0s13	14n 3	1n59	9s 0	0n27	17s46	0s55	27n 4	3n21	23n43	23n42	19n15		n.a.

Julian Day Number = 1616047.5, Delta T = 03h50m22s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'15, Lahiri = - 7°56'15 Julian Calendar 1 July 289 BCE == Greg. Calendar 27 June 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

AUGUST 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 21 41	3♌40'10	8♏29	11♌41	25♋33	11♏46	16♊ 4	28♌26	24♎ 1	13°R46	1♋31	28°D36	27♊11	4♊18	n.a.	T 1
F 2	20 25 38	4°38'18	22°40	13°30	26°48	12°19	16°15	28°33	24° 3	13♒45	1°32	28♊37	27° 8	4°25	n.a.	F 2
S 3	20 29 34	5°36'27	7♐ 1	15°17	28° 2	12°53	16°26	28°40	24° 4	13°43	1°33	28°38	27° 5	4°32	n.a.	S 3
S 4	20 33 31	6°34'39	21°29	17° 2	29°17	13°27	16°37	28°47	24° 6	13°41	1°35	28°R39	27° 2	4°38	n.a.	S 4
M 5	20 37 27	7°32'51	5♑59	18°47	0♌31	14° 1	16°48	28°54	24° 7	13°40	1°36	28°39	26°58	4°45	n.a.	M 5
T 6	20 41 24	8°31'06	20°28	20°30	1°46	14°35	16°58	29° 1	24° 8	13°38	1°38	28°37	26°55	4°52	n.a.	T 6
W 7	20 45 21	9°29'22	4♒50	22°12	3° 0	15°10	17° 9	29° 8	24°10	13°36	1°39	28°34	26°52	4°58	n.a.	W 7
T 8	20 49 17	10°27'40	18°59	23°53	4°15	15°44	17°20	29°15	24°12	13°35	1°41	28°28	26°49	5° 5	n.a.	T 8
F 9	20 53 14	11°26'00	2♓50	25°33	5°29	16°20	17°30	29°22	24°13	13°33	1°42	28°21	26°46	5°11	n.a.	F 9
S 10	20 57 10	12°24'22	16°20	27°12	6°44	16°55	17°40	29°29	24°15	13°31	1°43	28°14	26°42	5°18	n.a.	S 10
S 11	21 1 7	13°22'46	29°27	28°49	7°58	17°30	17°50	29°36	24°17	13°30	1°45	28° 7	26°39	5°25	n.a.	S 11
M12	21 5 3	14°21'13	12♈13	0♍26	9°13	18° 6	18° 1	29°43	24°19	13°28	1°46	28° 1	26°36	5°31	n.a.	M12
T 13	21 9 0	15°19'41	24°38	2° 1	10°28	18°42	18°11	29°50	24°20	13°26	1°47	27°57	26°33	5°38	n.a.	T 13
W14	21 12 56	16°18'12	6♉46	3°35	11°42	19°18	18°20	29°58	24°22	13°25	1°48	27°55	26°30	5°45	n.a.	W14
T 15	21 16 53	17°16'45	18°43	5° 8	12°57	19°55	18°30	0♍ 5	24°24	13°23	1°50	27°D54	26°27	5°51	n.a.	T 15
F 16	21 20 49	18°15'20	0♊34	6°40	14°12	20°32	18°40	0°12	24°26	13°22	1°51	27°55	26°23	5°58	n.a.	F 16
S 17	21 24 46	19°13'58	12°22	8°11	15°27	21° 8	18°50	0°19	24°28	13°20	1°52	27°56	26°20	6° 5	n.a.	S 17
S 18	21 28 43	20°12'38	24°15	9°41	16°42	21°46	18°59	0°27	24°30	13°18	1°53	27°R57	26°17	6°11	n.a.	S 18
M19	21 32 39	21°11'21	6♋15	11°10	17°56	22°23	19° 8	0°34	24°32	13°17	1°55	27°57	26°14	6°18	n.a.	M19
T 20	21 36 36	22°10'05	18°28	12°38	19°11	23° 0	19°18	0°41	24°35	13°15	1°56	27°54	26°11	6°25	n.a.	T 20
W21	21 40 32	23° 8'52	0♌56	14° 5	20°26	23°38	19°27	0°48	24°37	13°13	1°57	27°50	26° 7	6°31	n.a.	W21
T 22	21 44 29	24° 7'41	13°42	15°30	21°41	24°16	19°36	0°56	24°39	13°12	1°58	27°43	26° 4	6°38	n.a.	T 22
F 23	21 48 25	25° 6'32	26°45	16°55	22°56	24°54	19°45	1° 3	24°41	13°10	1°59	27°34	26° 1	6°45	n.a.	F 23
S 24	21 52 22	26° 5'25	10♍ 5	18°18	24°11	25°32	19°54	1°10	24°44	13° 9	2° 0	27°24	25°58	6°51	n.a.	S 24
S 25	21 56 18	27° 4'20	23°39	19°40	25°26	26°11	20° 2	1°18	24°46	13° 7	2° 1	27°14	25°55	6°58	n.a.	S 25
M26	22 0 15	28° 3'18	7♎25	21° 1	26°41	26°50	20°11	1°25	24°48	13° 5	2° 2	27° 5	25°52	7° 5	n.a.	M26
T 27	22 4 12	29° 2'17	21°20	22°21	27°56	27°28	20°19	1°32	24°51	13° 4	2° 4	26°58	25°48	7°11	n.a.	T 27
W28	22 8 8	0♍ 1'18	5♏21	23°39	29°11	28° 7	20°27	1°40	24°53	13° 2	2° 5	26°53	25°45	7°18	n.a.	W28
T 29	22 12 5	1° 0'21	19°25	24°56	0♍26	28°47	20°36	1°47	24°56	13° 1	2° 6	26°50	25°42	7°25	n.a.	T 29
F 30	22 16 1	1°59'25	3♐31	26°11	1°41	29°26	20°44	1°54	24°58	12°59	2° 7	26°D50	25°39	7°31	n.a.	F 30
S 31	22 19 58	2♍58'32	17♐39	27♍25	2♍56	0♐ 5	20♊51	2♍ 2	25♎ 1	12♒58	2♋ 7	26♊50	25♊36	7♊38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n34	10s43	4n 0	18n57	1n32	22n19	1n 3	18s 0	2s35	22n47	0s13	14n 1	1n59	9s 1	0n27	17s46	0s55	27n 4	3n21	23n43	23n42	19n18		n.a.
F 2	19 20	15 42	3 4	18 22	1 27	22 7	1 5	18 10	2 35	22 48	0 13	13 58	1 59	9 1	0 27	17 47	0 55	27 4	3 21	23 43	23 42	19 20		n.a.
S 3	19 6	19 51	1 55	17 46	1 23	21 53	1 6	18 21	2 35	22 49	0 12	13 56	1 59	9 2	0 27	17 47	0 55	27 5	3 21	23 43	23 42	19 22		n.a.
S 4	18 51	22 48	0 39	17 10	1 18	21 39	1 8	18 31	2 35	22 51	0 12	13 53	1 59	9 2	0 27	17 48	0 55	27 5	3 21	23 43	23 42	19 24		n.a.
M 5	18 36	24 15	0s40	16 32	1 13	21 25	1 9	18 42	2 35	22 52	0 12	13 51	1 59	9 3	0 27	17 48	0 55	27 5	3 22	23 43	23 42	19 26		n.a.
T 6	18 21	24 3	1 56	15 54	1 8	21 9	1 10	18 52	2 35	22 53	0 12	13 48	1 59	9 4	0 27	17 49	0 55	27 5	3 22	23 43	23 42	19 28		n.a.
W 7	18 6	22 15	3 4	15 15	1 2	20 53	1 12	19 3	2 35	22 54	0 12	13 46	1 58	9 4	0 27	17 49	0 55	27 5	3 22	23 43	23 42	19 30		n.a.
T 8	17 50	19 5	3 59	14 36	0 56	20 37	1 13	19 13	2 35	22 55	0 12	13 43	1 58	9 5	0 27	17 50	0 55	27 5	3 22	23 43	23 41	19 32		n.a.
F 9	17 34	14 55	4 39	13 57	0 50	20 19	1 14	19 23	2 35	22 56	0 12	13 41	1 58	9 5	0 27	17 50	0 55	27 5	3 22	23 43	23 41	19 34		n.a.
S 10	17 17	10 5	5 2	13 17	0 44	20 2	1 15	19 33	2 34	22 57	0 12	13 38	1 58	9 6	0 27	17 51	0 55	27 5	3 22	23 43	23 41	19 36		n.a.
S 11	17 0	4 56	5 9	12 36	0 37	19 43	1 16	19 44	2 34	22 58	0 12	13 36	1 58	9 7	0 27	17 51	0 55	27 5	3 22	23 43	23 41	19 38		n.a.
M12	16 43	0n18	4 59	11 56	0 31	19 24	1 17	19 54	2 34	22 59	0 12	13 33	1 58	9 8	0 27	17 52	0 55	27 6	3 22	23 43	23 41	19 40		n.a.
T 13	16 26	5 23	4 36	11 15	0 24	19 5	1 18	20 4	2 34	23 0	0 12	13 31	1 58	9 8	0 27	17 52	0 55	27 6	3 23	23 43	23 41	19 42		n.a.
W14	16 8	10 9	4 1	10 34	0 17	18 45	1 19	20 14	2 34	23 1	0 12	13 28	1 58	9 9	0 26	17 53	0 55	27 6	3 23	23 43	23 41	19 44		n.a.
T 15	15 51	14 28	3 16	9 53	0 9	18 24	1 20	20 24	2 34	23 2	0 11	13 25	1 58	9 10	0 26	17 53	0 55	27 6	3 23	23 43	23 41	19 46		n.a.
F 16	15 33	18 12	2 22	9 12	0 2	18 3	1 21	20 33	2 33	23 3	0 11	13 23	1 58	9 10	0 26	17 54	0 55	27 6	3 23	23 43	23 41	19 48		n.a.
S 17	15 14	21 11	1 23	8 31	0s 5	17 42	1 21	20 43	2 33	23 4	0 11	13 20	1 58	9 11	0 26	17 54	0 55	27 6	3 23	23 43	23 41	19 50		n.a.
S 18	14 55	23 16	0 20	7 50	0 13	17 19	1 22	20 53	2 33	23 5	0 11	13 18	1 58	9 12	0 26	17 55	0 55	27 6	3 23	23 43	23 41	19 52		n.a.
M19	14 37	24 19	0n45	7 9	0 21	16 57	1 22	21 3	2 33	23 6	0 11	13 15	1 58	9 13	0 26	17 55	0 55	27 6	3 23	23 43	23 41	19 53		n.a.
T 20	14 17	24 13	1 48	6 28	0 28	16 34	1 23	21 12	2 32	23 7	0 11	13 12	1 59	9 14	0 26	17 56	0 55	27 6	3 24	23 43	23 40	19 55		n.a.
W21	13 58	22 55	2 47	5 47	0 36	16 10	1 23	21 21	2 32	23 7	0 11	13 10	1 59	9 15	0 26	17 56	0 55	27 7	3 24	23 43	23 40	19 57		n.a.
T 22	13 38	20 25	3 40	5 7	0 44	15 46	1 24	21 31	2 32	23 8	0 11	13 7	1 59	9 15	0 26	17 57	0 55	27 7	3 24	23 43	23 40	19 59		n.a.
F 23	13 19	16 50	4 22	4 26	0 52	15 22	1 24	21 40	2 31	23 9	0 11	13 5	1 59	9 16	0 26	17 57	0 55	27 7	3 24	23 42	23 40	20 1		n.a.
S 24	12 58	12 21	4 51	3 46	0 59	14 57	1 24	21 49	2 31	23 10	0 11	13 2	1 59	9 17	0 26	17 58	0 55	27 7	3 24	23 42	23 40	20 3		n.a.
S 25	12 38	7 11	5 4	3 7	1 7	14 31	1 24	21 58	2 31	23 11	0 11	12 59	1 59	9 18	0 26	17 58	0 55	27 7	3 24	23 42	23 40	20 5		n.a.
M26	12 18	1 36	4 59	2 27	1 15	14 6	1 25	22 7	2 30	23 11	0 10	12 57	1 59	9 19	0 26	17 59	0 55	27 7	3 24	23 42	23 40	20 7		n.a.
T 27	11 57	4s 8	4 37	1 48	1 23	13 40	1 25	22 16	2 30	23 12	0 10	12 54	1 59	9 20	0 26	17 59	0 56	27 7	3 24	23 42	23 40	20 9		n.a.
W28	11 36	9 43	3 59	1 10	1 31	13 13	1 25	22 24	2 29	23 13	0 10	12 51	1 59	9 21	0 26	18 0	0 56	27 7	3 25	23 42	23 40	20 11		n.a.
T 29	11 15	14 49	3 6	0 32	1 38	12 46	1 24	22 33	2 29	23 13	0 10	12 49	1 59	9 22	0 26	18 0	0 56	27 8	3 25	23 42	23 40	20 13		n.a.
F 30	10 54	19 8	2 1	0s 5	1 46	12 19	1 24	22 41	2 29	23 14	0 10	12 46	1 59	9 23	0 26	18 0	0 56	27 8	3 25	23 42	23 39	20 15		n.a.
S 31	10n32	22s20	0n49	0s42	1s53	11n51	1n24	22s50	2s28	23n15	0s10	12n44	1n59	9s24	0n26	18s 1	0s56	27n 8	3n25	23n42	23n39	20n17		n.a.

Julian Day Number = 1616078.5, Delta T = 03h50m21s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'11, Lahiri = - 7°56'10 Julian Calendar 1 Aug. 289 BCE == Greg. Calendar 28 July 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

SEPTEMBER 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 23 54	3♍57'41	1♉46	28♍38	4♍11	0♐45	20♊59	2♍ 9	25♎ 4	12°R56	2♋ 8	26°R50	25♊33	7♊45	n.a.	S 1
M 2	22 27 51	4°56'51	15°52	29°48	5°26	1°25	21° 7	2°16	25° 6	12♒54	2° 9	26♊49	25°29	7°51	n.a.	M 2
T 3	22 31 47	5°56'03	29°55	0♎57	6°41	2° 5	21°14	2°24	25° 9	12°53	2°10	26°45	25°26	7°58	n.a.	T 3
W 4	22 35 44	6°55'17	13♒51	2° 4	7°56	2°45	21°22	2°31	25°12	12°52	2°11	26°38	25°23	8° 4	n.a.	W 4
T 5	22 39 41	7°54'34	27°38	3° 8	9°11	3°25	21°29	2°38	25°15	12°50	2°12	26°29	25°20	8°11	n.a.	T 5
F 6	22 43 37	8°53'52	11♓11	4°10	10°26	4° 5	21°36	2°46	25°18	12°49	2°13	26°18	25°17	8°18	n.a.	F 6
S 7	22 47 34	9°53'12	24°28	5°10	11°41	4°46	21°43	2°53	25°20	12°47	2°14	26° 6	25°13	8°24	n.a.	S 7
S 8	22 51 30	10°52'35	7♈27	6° 7	12°57	5°26	21°50	3° 0	25°23	12°46	2°14	25°54	25°10	8°31	n.a.	S 8
M 9	22 55 27	11°52'00	20° 8	7° 1	14°12	6° 7	21°56	3° 8	25°26	12°44	2°15	25°43	25° 7	8°38	n.a.	M 9
T 10	22 59 23	12°51'27	2♉30	7°52	15°27	6°48	22° 3	3°15	25°29	12°43	2°16	25°34	25° 4	8°44	n.a.	T 10
W11	23 3 20	13°50'56	14°38	8°40	16°42	7°29	22° 9	3°22	25°32	12°42	2°17	25°28	25° 1	8°51	n.a.	W11
T 12	23 7 16	14°50'28	26°34	9°23	17°57	8°10	22°15	3°29	25°35	12°40	2°17	25°25	24°58	8°58	n.a.	T 12
F 13	23 11 13	15°50'03	8♊24	10° 2	19°12	8°51	22°21	3°37	25°38	12°39	2°18	25°24	24°54	9° 4	n.a.	F 13
S 14	23 15 9	16°49'40	20°12	10°36	20°28	9°33	22°27	3°44	25°41	12°38	2°18	25°23	24°51	9°11	n.a.	S 14
S 15	23 19 6	17°49'19	2♋ 4	11° 6	21°43	10°14	22°33	3°51	25°44	12°36	2°19	25°23	24°48	9°18	n.a.	S 15
M16	23 23 3	18°49'00	14° 6	11°29	22°58	10°56	22°38	3°58	25°48	12°35	2°20	25°22	24°45	9°24	n.a.	M16
T 17	23 26 59	19°48'44	26°22	11°47	24°13	11°37	22°44	4° 5	25°51	12°34	2°20	25°19	24°42	9°31	n.a.	T 17
W18	23 30 56	20°48'31	8♌58	11°57	25°29	12°19	22°49	4°13	25°54	12°33	2°21	25°13	24°39	9°38	n.a.	W18
T 19	23 34 52	21°48'19	21°55	12°R 1	26°44	13° 1	22°54	4°20	25°57	12°31	2°21	25° 5	24°35	9°44	n.a.	T 19
F 20	23 38 49	22°48'10	5♍15	11°56	27°59	13°43	22°59	4°27	26° 0	12°30	2°22	24°54	24°32	9°51	n.a.	F 20
S 21	23 42 45	23°48'02	18°56	11°44	29°14	14°25	23° 3	4°34	26° 4	12°29	2°22	24°41	24°29	9°58	n.a.	S 21
S 22	23 46 42	24°47'57	2♎56	11°22	0♎30	15° 7	23° 8	4°41	26° 7	12°28	2°23	24°29	24°26	10° 4	n.a.	S 22
M23	23 50 38	25°47'54	17° 9	10°52	1°45	15°50	23°12	4°48	26°10	12°27	2°23	24°17	24°23	10°11	n.a.	M23
T 24	23 54 35	26°47'53	1♏31	10°13	3° 0	16°32	23°16	4°55	26°14	12°26	2°23	24° 8	24°19	10°17	n.a.	T 24
W25	23 58 31	27°47'54	15°54	9°24	4°15	17°14	23°20	5° 2	26°17	12°25	2°24	24° 1	24°16	10°24	n.a.	W25
T 26	0 2 28	28°47'56	0♐15	8°28	5°31	17°57	23°24	5° 9	26°20	12°24	2°24	23°57	24°13	10°31	n.a.	T 26
F 27	0 6 25	29°48'00	14°30	7°24	6°46	18°40	23°28	5°16	26°24	12°23	2°24	23°56	24°10	10°37	n.a.	F 27
S 28	0 10 21	0♎48'06	28°36	6°13	8° 1	19°22	23°31	5°23	26°27	12°22	2°25	23°56	24° 7	10°44	n.a.	S 28
S 29	0 14 18	1°48'14	12♉35	4°58	9°16	20° 5	23°34	5°30	26°31	12°21	2°25	23°55	24° 4	10°51	n.a.	S 29
M30	0 18 14	2♎48'23	26♉24	3♎41	10♎32	20♐48	23♊37	5♍36	26♎34	12♒20	2♋25	23♊54	24♊ 0	10♊57	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n11	24s 9	0s26	1s17	2s 1	11n24	1n24	22s58	2s28	23n15	0s10	12n41	1n59	9s25	0n26	18s 1	0s56	27n 8	3n25	23n42	23n39	20n19		n.a.
M 2	9 49	24 25	1 39	1 53	2 8	10 55	1 23	23 6	2 27	23 16	0 10	12 38	1 59	9 26	0 26	18 2	0 56	27 8	3 25	23 41	23 39	20 21		n.a.
T 3	9 27	23 7	2 46	2 27	2 15	10 27	1 23	23 13	2 27	23 16	0 10	12 36	1 59	9 27	0 26	18 2	0 56	27 8	3 26	23 41	23 39	20 22		n.a.
W 4	9 5	20 25	3 42	3 0	2 22	9 58	1 23	23 21	2 26	23 17	0 10	12 33	1 59	9 28	0 26	18 3	0 55	27 8	3 26	23 41	23 39	20 24		n.a.
T 5	8 42	16 34	4 25	3 32	2 29	9 29	1 22	23 29	2 26	23 18	0 10	12 30	1 59	9 29	0 26	18 3	0 55	27 9	3 26	23 41	23 39	20 26		n.a.
F 6	8 20	11 56	4 51	4 3	2 35	9 0	1 21	23 36	2 25	23 18	0 9	12 28	1 59	9 30	0 26	18 3	0 55	27 9	3 26	23 41	23 39	20 28		n.a.
S 7	7 57	6 49	5 1	4 33	2 42	8 30	1 21	23 43	2 25	23 19	0 9	12 25	1 59	9 31	0 26	18 4	0 55	27 9	3 26	23 40	23 39	20 30		n.a.
S 8	7 35	1 31	4 55	5 1	2 48	8 1	1 20	23 50	2 24	23 19	0 9	12 23	1 59	9 32	0 26	18 4	0 55	27 9	3 26	23 40	23 38	20 32		n.a.
M 9	7 12	3n43	4 35	5 28	2 53	7 31	1 19	23 57	2 24	23 20	0 9	12 20	1 59	9 33	0 26	18 5	0 55	27 9	3 26	23 40	23 38	20 34		n.a.
T 10	6 49	8 43	4 2	5 53	2 58	7 0	1 18	24 3	2 23	23 20	0 9	12 17	2 0	9 34	0 26	18 5	0 55	27 9	3 27	23 39	23 38	20 36		n.a.
W11	6 26	13 16	3 18	6 16	3 3	6 30	1 18	24 10	2 23	23 21	0 9	12 15	2 0	9 35	0 26	18 5	0 55	27 9	3 27	23 39	23 38	20 38		n.a.
T 12	6 2	17 15	2 27	6 37	3 7	5 59	1 17	24 16	2 22	23 21	0 9	12 12	2 0	9 37	0 26	18 6	0 55	27 9	3 27	23 39	23 38	20 39		n.a.
F 13	5 39	20 31	1 29	6 56	3 11	5 29	1 16	24 22	2 21	23 22	0 9	12 10	2 0	9 38	0 26	18 6	0 55	27 10	3 27	23 39	23 38	20 41		n.a.
S 14	5 16	22 54	0 28	7 13	3 14	4 58	1 14	24 28	2 21	23 22	0 9	12 7	2 0	9 39	0 26	18 7	0 55	27 10	3 27	23 39	23 38	20 43		n.a.
S 15	4 52	24 18	0n35	7 26	3 16	4 27	1 13	24 34	2 20	23 22	0 9	12 4	2 0	9 40	0 26	18 7	0 55	27 10	3 27	23 39	23 38	20 45		n.a.
M16	4 29	24 35	1 37	7 37	3 17	3 56	1 12	24 39	2 19	23 23	0 9	12 2	2 0	9 41	0 26	18 7	0 55	27 10	3 28	23 39	23 37	20 47		n.a.
T 17	4 5	23 41	2 36	7 44	3 18	3 24	1 11	24 45	2 19	23 23	0 8	11 59	2 0	9 42	0 26	18 8	0 55	27 10	3 28	23 39	23 37	20 49		n.a.
W18	3 41	21 35	3 29	7 48	3 17	2 53	1 10	24 50	2 18	23 24	0 8	11 57	2 0	9 44	0 26	18 8	0 55	27 10	3 28	23 39	23 37	20 51		n.a.
T 19	3 17	18 20	4 12	7 48	3 15	2 21	1 8	24 55	2 18	23 24	0 8	11 54	2 0	9 45	0 26	18 8	0 55	27 11	3 28	23 38	23 37	20 52		n.a.
F 20	2 53	14 5	4 43	7 43	3 12	1 50	1 7	24 59	2 17	23 24	0 8	11 52	2 0	9 46	0 26	18 9	0 55	27 11	3 28	23 38	23 37	20 54		n.a.
S 21	2 29	9 0	4 59	7 34	3 8	1 18	1 5	25 4	2 16	23 25	0 8	11 49	2 1	9 47	0 26	18 9	0 55	27 11	3 28	23 37	23 37	20 56		n.a.
S 22	2 5	3 21	4 57	7 20	3 2	0 46	1 4	25 8	2 16	23 25	0 8	11 47	2 1	9 48	0 26	18 9	0 55	27 11	3 28	23 37	23 37	20 58		n.a.
M23	1 41	2s34	4 37	7 1	2 54	0 15	1 2	25 12	2 15	23 25	0 8	11 44	2 1	9 50	0 26	18 10	0 55	27 11	3 29	23 36	23 37	21 0		n.a.
T 24	1 17	8 24	3 59	6 36	2 44	0s17	1 1	25 16	2 14	23 26	0 8	11 42	2 1	9 51	0 25	18 10	0 55	27 11	3 29	23 36	23 36	21 2		n.a.
W25	0 53	13 50	3 6	6 7	2 33	0 49	0 59	25 19	2 13	23 26	0 8	11 39	2 1	9 52	0 25	18 10	0 55	27 11	3 29	23 36	23 36	21 3		n.a.
T 26	0 29	18 28	2 2	5 32	2 20	1 21	0 57	25 23	2 13	23 26	0 8	11 37	2 1	9 53	0 25	18 10	0 55	27 12	3 29	23 35	23 36	21 5		n.a.
F 27	0 5	22 0	0 50	4 52	2 4	1 52	0 55	25 26	2 12	23 27	0 7	11 34	2 1	9 55	0 25	18 11	0 55	27 12	3 29	23 35	23 36	21 7		n.a.
S 28	0s19	24 8	0s25	4 9	1 48	2 24	0 54	25 29	2 11	23 27	0 7	11 32	2 1	9 56	0 25	18 11	0 55	27 12	3 29	23 35	23 36	21 9		n.a.
S 29	0 44	24 44	1 37	3 22	1 29	2 56	0 52	25 31	2 10	23 27	0 7	11 29	2 1	9 57	0 25	18 11	0 55	27 12	3 30	23 35	23 36	21 11		n.a.
M30	1s 8	23s47	2s43	2s33	1s10	3s27	0n50	25s34	2s10	23n27	0s 7	11n27	2n 2	9s59	0n25	18s11	0s55	27n12	3n30	23n35	23n36	21n12		n.a.

Julian Day Number = 1616109.5, Delta T = 03h50m20s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'07, Lahiri = - 7°56'06 Julian Calendar 1 Sept. 289 BCE == Greg. Calendar 28 Aug. 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

OCTOBER 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 22 11	3♎48'34	10♒ 5	2°R24	11♎47	21♐31	23♊40	5♍43	26♎38	12°R19	2♋25	23°R50	23♊57	11♊ 4	n.a.	T 1
W 2	0 26 7	4°48'47	23°36	1♎ 8	13° 2	22°14	23°43	5°50	26°41	12♒18	2°25	23♊43	23°54	11°11	n.a.	W 2
T 3	0 30 4	5°49'01	6♓58	29♍58	14°17	22°57	23°45	5°57	26°45	12°17	2°26	23°33	23°51	11°17	n.a.	T 3
F 4	0 34 0	6°49'16	20° 8	28°54	15°33	23°40	23°48	6° 3	26°48	12°16	2°26	23°21	23°48	11°24	n.a.	F 4
S 5	0 37 57	7°49'34	3♈ 5	27°59	16°48	24°24	23°50	6°10	26°52	12°16	2°26	23° 8	23°44	11°31	n.a.	S 5
S 6	0 41 54	8°49'53	15°49	27°14	18° 3	25° 7	23°52	6°16	26°55	12°15	2°26	22°55	23°41	11°37	n.a.	S 6
M 7	0 45 50	9°50'15	28°18	26°40	19°18	25°50	23°54	6°23	26°59	12°14	2°26	22°43	23°38	11°44	n.a.	M 7
T 8	0 49 47	10°50'38	10♉33	26°18	20°34	26°34	23°55	6°30	27° 3	12°13	2°R26	22°33	23°35	11°51	n.a.	T 8
W 9	0 53 43	11°51'03	22°36	26°D 8	21°49	27°17	23°56	6°36	27° 6	12°13	2°26	22°27	23°32	11°57	n.a.	W 9
T 10	0 57 40	12°51'30	4♊30	26° 8	23° 4	28° 1	23°58	6°42	27°10	12°12	2°26	22°23	23°29	12° 4	n.a.	T 10
F 11	1 1 36	13°51'59	16°18	26°20	24°19	28°44	23°59	6°49	27°14	12°12	2°26	22°21	23°25	12°11	n.a.	F 11
S 12	1 5 33	14°52'30	28° 5	26°42	25°35	29°28	23°59	6°55	27°17	12°11	2°26	22°D21	23°22	12°17	n.a.	S 12
S 13	1 9 29	15°53'03	9♋55	27°14	26°50	0♌12	24° 0	7° 1	27°21	12°11	2°26	22°22	23°19	12°24	n.a.	S 13
M14	1 13 26	16°53'38	21°56	27°54	28° 5	0°56	24° 0	7° 8	27°25	12°10	2°25	22°R22	23°16	12°30	n.a.	M14
T 15	1 17 23	17°54'15	4♌11	28°41	29°21	1°39	24°R 0	7°14	27°28	12°10	2°25	22°20	23°13	12°37	n.a.	T 15
W16	1 21 19	18°54'53	16°46	29°35	0♏36	2°23	24° 0	7°20	27°32	12° 9	2°25	22°16	23°10	12°44	n.a.	W16
T 17	1 25 16	19°55'34	29°45	0♎35	1°51	3° 7	24° 0	7°26	27°36	12° 9	2°25	22°10	23° 6	12°50	n.a.	T 17
F 18	1 29 12	20°56'16	13♍11	1°40	3° 6	3°51	24° 0	7°32	27°39	12° 8	2°24	22° 2	23° 3	12°57	n.a.	F 18
S 19	1 33 9	21°57'00	27° 3	2°50	4°22	4°35	23°59	7°38	27°43	12° 8	2°24	21°52	23° 0	13° 4	n.a.	S 19
S 20	1 37 5	22°57'45	11♎20	4° 3	5°37	5°19	23°58	7°44	27°47	12° 8	2°24	21°42	22°57	13°10	n.a.	S 20
M21	1 41 2	23°58'32	25°55	5°19	6°52	6° 3	23°57	7°50	27°51	12° 7	2°24	21°33	22°54	13°17	n.a.	M21
T 22	1 44 58	24°59'21	10♏41	6°39	8° 7	6°47	23°56	7°55	27°54	12° 7	2°23	21°25	22°50	13°24	n.a.	T 22
W23	1 48 55	26° 0'11	25°31	8° 0	9°22	7°31	23°55	8° 1	27°58	12° 7	2°23	21°20	22°47	13°30	n.a.	W23
T 24	1 52 52	27° 1'02	10♐17	9°24	10°38	8°16	23°53	8° 7	28° 2	12° 7	2°22	21°18	22°44	13°37	n.a.	T 24
F 25	1 56 48	28° 1'54	24°52	10°49	11°53	9° 0	23°51	8°12	28° 5	12° 7	2°22	21°D17	22°41	13°44	n.a.	F 25
S 26	2 0 45	29° 2'48	9♑12	12°16	13° 8	9°44	23°49	8°18	28° 9	12° 7	2°21	21°18	22°38	13°50	n.a.	S 26
S 27	2 4 41	0♏ 3'42	23°15	13°44	14°23	10°28	23°47	8°23	28°13	12° 7	2°21	21°19	22°35	13°57	n.a.	S 27
M28	2 8 38	1° 4'37	7♒ 2	15°12	15°39	11°13	23°44	8°29	28°17	12°D 7	2°20	21°R19	22°31	14° 4	n.a.	M28
T 29	2 12 34	2° 5'33	20°32	16°42	16°54	11°57	23°42	8°34	28°20	12° 7	2°20	21°17	22°28	14°10	n.a.	T 29
W30	2 16 31	3° 6'30	3♓47	18°12	18° 9	12°41	23°39	8°39	28°24	12° 7	2°19	21°13	22°25	14°17	n.a.	W30
T 31	2 20 27	4♏ 7'28	16♓48	19♎43	19♏24	13♑26	23♊36	8♍45	28♎28	12♒ 7	2♋19	21♊ 7	22♊22	14♊23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1s32	21s26	3s38	1s43	0s49	3s59	0n48	25s36	2s 9	23n28	0s 7	11n24	2n 2	10s 0	0n25	18s12	0s55	27n12	3n30	23n35	23n35	21n14		n.a.
W 2	1 56	17 55	4 21	0 54	0 29	4 30	0 46	25 38	2 8	23 28	0 7	11 22	2 2	10 1	0 25	18 12	0 55	27 13	3 30	23 35	23 35	21 16		n.a.
T 3	2 20	13 31	4 49	0 6	0 8	5 2	0 44	25 40	2 7	23 28	0 7	11 20	2 2	10 2	0 25	18 12	0 55	27 13	3 30	23 34	23 35	21 18		n.a.
F 4	2 44	8 33	5 0	0n38	0n12	5 33	0 42	25 41	2 7	23 28	0 7	11 17	2 2	10 4	0 25	18 12	0 55	27 13	3 30	23 34	23 35	21 19		n.a.
S 5	3 8	3 17	4 56	1 17	0 31	6 4	0 40	25 42	2 6	23 29	0 7	11 15	2 2	10 5	0 25	18 13	0 55	27 13	3 31	23 33	23 35	21 21		n.a.
S 6	3 33	2n 2	4 38	1 52	0 49	6 35	0 38	25 43	2 5	23 29	0 6	11 13	2 2	10 6	0 25	18 13	0 55	27 13	3 31	23 32	23 35	21 23		n.a.
M 7	3 57	7 11	4 6	2 20	1 5	7 6	0 35	25 44	2 4	23 29	0 6	11 10	2 3	10 8	0 25	18 13	0 55	27 13	3 31	23 32	23 35	21 25		n.a.
T 8	4 21	11 58	3 23	2 43	1 20	7 37	0 33	25 45	2 3	23 29	0 6	11 8	2 3	10 9	0 25	18 13	0 55	27 14	3 31	23 31	23 34	21 27		n.a.
W 9	4 44	16 13	2 31	2 59	1 33	8 7	0 31	25 45	2 3	23 29	0 6	11 6	2 3	10 10	0 25	18 13	0 55	27 14	3 31	23 31	23 34	21 28		n.a.
T 10	5 8	19 46	1 34	3 9	1 44	8 38	0 29	25 45	2 2	23 29	0 6	11 3	2 3	10 12	0 25	18 14	0 55	27 14	3 31	23 30	23 34	21 30		n.a.
F 11	5 32	22 29	0 32	3 12	1 54	9 8	0 27	25 44	2 1	23 30	0 6	11 1	2 3	10 13	0 25	18 14	0 55	27 14	3 32	23 30	23 34	21 32		n.a.
S 12	5 56	24 14	0n31	3 11	2 1	9 38	0 24	25 44	2 0	23 30	0 6	10 59	2 3	10 14	0 25	18 14	0 55	27 14	3 32	23 30	23 34	21 34		n.a.
S 13	6 19	24 53	1 32	3 4	2 8	10 8	0 22	25 43	1 59	23 30	0 6	10 57	2 4	10 16	0 25	18 14	0 55	27 14	3 32	23 30	23 34	21 35		n.a.
M14	6 43	24 24	2 31	2 52	2 12	10 37	0 20	25 42	1 58	23 30	0 6	10 55	2 4	10 17	0 25	18 14	0 55	27 15	3 32	23 30	23 33	21 37		n.a.
T 15	7 6	22 45	3 24	2 36	2 15	11 6	0 17	25 41	1 58	23 30	0 5	10 52	2 4	10 18	0 25	18 14	0 55	27 15	3 32	23 30	23 33	21 39		n.a.
W16	7 30	19 57	4 9	2 16	2 17	11 35	0 15	25 39	1 57	23 30	0 5	10 50	2 4	10 20	0 25	18 14	0 55	27 15	3 32	23 30	23 33	21 40		n.a.
T 17	7 53	16 5	4 42	1 53	2 18	12 4	0 13	25 37	1 56	23 30	0 5	10 48	2 4	10 21	0 25	18 14	0 55	27 15	3 33	23 30	23 33	21 42		n.a.
F 18	8 16	11 18	5 1	1 26	2 18	12 32	0 10	25 35	1 55	23 31	0 5	10 46	2 4	10 23	0 25	18 14	0 55	27 15	3 33	23 29	23 33	21 44		n.a.
S 19	8 39	5 49	5 3	0 57	2 17	13 0	0 8	25 33	1 54	23 31	0 5	10 44	2 5	10 24	0 25	18 15	0 55	27 15	3 33	23 29	23 33	21 46		n.a.
S 20	9 2	0s 8	4 47	0 26	2 15	13 28	0 5	25 31	1 53	23 31	0 5	10 42	2 5	10 25	0 25	18 15	0 55	27 16	3 33	23 28	23 32	21 47		n.a.
M21	9 25	6 13	4 12	0s 7	2 13	13 56	0 3	25 28	1 52	23 31	0 5	10 40	2 5	10 27	0 25	18 15	0 55	27 16	3 33	23 27	23 32	21 49		n.a.
T 22	9 47	12 3	3 20	0 41	2 10	14 23	0 0	25 25	1 52	23 31	0 5	10 38	2 5	10 28	0 25	18 15	0 55	27 16	3 33	23 27	23 32	21 51		n.a.
W23	10 10	17 13	2 14	1 17	2 6	14 50	0s 2	25 21	1 51	23 31	0 4	10 36	2 5	10 29	0 25	18 15	0 55	27 16	3 34	23 27	23 32	21 52		n.a.
T 24	10 32	21 17	0 59	1 54	2 2	15 16	0 5	25 18	1 50	23 31	0 4	10 34	2 6	10 31	0 25	18 15	0 55	27 16	3 34	23 26	23 32	21 54		n.a.
F 25	10 54	23 57	0s19	2 32	1 57	15 42	0 7	25 14	1 49	23 31	0 4	10 32	2 6	10 32	0 25	18 15	0 55	27 16	3 34	23 26	23 32	21 56		n.a.
S 26	11 16	24 59	1 35	3 11	1 52	16 7	0 10	25 10	1 48	23 31	0 4	10 30	2 6	10 33	0 25	18 15	0 55	27 17	3 34	23 26	23 31	21 57		n.a.
S 27	11 38	24 23	2 43	3 51	1 47	16 33	0 12	25 5	1 47	23 31	0 4	10 28	2 6	10 35	0 25	18 15	0 55	27 17	3 34	23 27	23 31	21 59		n.a.
M28	11 59	22 18	3 41	4 31	1 41	16 57	0 14	25 1	1 46	23 31	0 4	10 26	2 6	10 36	0 25	18 15	0 55	27 17	3 34	23 27	23 31	22 1		n.a.
T 29	12 21	19 0	4 25	5 11	1 35	17 21	0 17	24 56	1 45	23 31	0 4	10 24	2 7	10 37	0 25	18 15	0 55	27 17	3 34	23 26	23 31	22 2		n.a.
W30	12 42	14 48	4 54	5 51	1 29	17 45	0 19	24 51	1 44	23 31	0 4	10 23	2 7	10 39	0 25	18 15	0 55	27 17	3 35	23 26	23 31	22 4		n.a.
T 31	13s 3	9s58	5s 7	6s32	1n23	18s 9	0s22	24s45	1s43	23n31	0s 3	10n21	2n 7	10s40	0n25	18s15	0s55	27n17	3n35	23n26	23n30	22n 6		n.a.

Julian Day Number = 1616139.5, Delta T = 03h50m19s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°03'03, Lahiri = - 7°56'02 Julian Calendar 1 Oct. 289 BCE == Greg. Calendar 27 Sept. 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

NOVEMBER 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 24 24	5♏ 8'27	29♓37	21♎14	20♏39	14♑10	23°R33	8♍50	28♎31	12♒ 7	2°R18	20°R59	22♊19	14♊30	n.a.	F 1
S 2	2 28 21	6° 9'26	12♈14	22°46	21°54	14°55	23♊29	8°55	28°35	12° 7	2♋18	20♊51	22°16	14°37	n.a.	S 2
S 3	2 32 17	7°10'27	24°39	24°18	23°10	15°39	23°26	9° 0	28°39	12° 7	2°17	20°42	22°12	14°43	n.a.	S 3
M 4	2 36 14	8°11'28	6♉54	25°50	24°25	16°24	23°22	9° 5	28°43	12° 7	2°16	20°35	22° 9	14°50	n.a.	M 4
T 5	2 40 10	9°12'31	18°59	27°23	25°40	17° 8	23°18	9° 9	28°46	12° 8	2°15	20°28	22° 6	14°57	n.a.	T 5
W 6	2 44 7	10°13'35	0♊55	28°55	26°55	17°53	23°14	9°14	28°50	12° 8	2°15	20°24	22° 3	15° 3	n.a.	W 6
T 7	2 48 3	11°14'39	12°46	0♏28	28°10	18°37	23°10	9°19	28°54	12° 8	2°14	20°22	22° 0	15°10	n.a.	T 7
F 8	2 52 0	12°15'45	24°32	2° 1	29°25	19°22	23° 5	9°23	28°57	12° 9	2°13	20°D22	21°56	15°17	n.a.	F 8
S 9	2 55 56	13°16'52	6♋19	3°34	0♐40	20° 6	23° 1	9°28	29° 1	12° 9	2°12	20°23	21°53	15°23	n.a.	S 9
S 10	2 59 53	14°17'59	18° 9	5° 7	1°55	20°51	22°56	9°32	29° 5	12° 9	2°12	20°25	21°50	15°30	n.a.	S 10
M11	3 3 50	15°19'08	0♌ 8	6°40	3°10	21°35	22°51	9°37	29° 8	12°10	2°11	20°27	21°47	15°37	n.a.	M11
T 12	3 7 46	16°20'18	12°20	8°13	4°26	22°20	22°46	9°41	29°12	12°10	2°10	20°R28	21°44	15°43	n.a.	T 12
W13	3 11 43	17°21'28	24°51	9°47	5°41	23° 4	22°40	9°45	29°15	12°11	2° 9	20°27	21°41	15°50	n.a.	W13
T 14	3 15 39	18°22'40	7♍45	11°20	6°56	23°49	22°35	9°49	29°19	12°11	2° 8	20°26	21°37	15°56	n.a.	T 14
F 15	3 19 36	19°23'52	21° 6	12°54	8°11	24°33	22°29	9°53	29°23	12°12	2° 7	20°23	21°34	16° 3	n.a.	F 15
S 16	3 23 32	20°25'05	4♎55	14°27	9°26	25°18	22°24	9°57	29°26	12°13	2° 6	20°18	21°31	16°10	n.a.	S 16
S 17	3 27 29	21°26'19	19°11	16° 1	10°41	26° 3	22°18	10° 1	29°30	12°13	2° 5	20°14	21°28	16°16	n.a.	S 17
M18	3 31 25	22°27'34	3♏52	17°35	11°56	26°47	22°12	10° 5	29°33	12°14	2° 4	20°10	21°25	16°23	n.a.	M18
T 19	3 35 22	23°28'49	18°51	19° 9	13°11	27°32	22° 5	10° 8	29°37	12°15	2° 3	20° 6	21°21	16°30	n.a.	T 19
W20	3 39 19	24°30'05	3♐59	20°44	14°26	28°17	21°59	10°12	29°40	12°16	2° 2	20° 4	21°18	16°36	n.a.	W20
T 21	3 43 15	25°31'21	19° 7	22°18	15°41	29° 1	21°52	10°16	29°44	12°16	2° 1	20°D 3	21°15	16°43	n.a.	T 21
F 22	3 47 12	26°32'37	4♑ 5	23°53	16°56	29°46	21°46	10°19	29°47	12°17	2° 0	20° 4	21°12	16°50	n.a.	F 22
S 23	3 51 8	27°33'54	18°47	25°28	18°11	0♒30	21°39	10°22	29°51	12°18	1°59	20° 5	21° 9	16°56	n.a.	S 23
S 24	3 55 5	28°35'10	3♒ 7	27° 3	19°26	1°15	21°32	10°25	29°54	12°19	1°58	20° 7	21° 6	17° 3	n.a.	S 24
M25	3 59 1	29°36'26	17° 3	28°38	20°41	2° 0	21°25	10°29	29°57	12°20	1°57	20° 8	21° 2	17°10	n.a.	M25
T 26	4 2 58	0♐37'42	0♓37	0♐14	21°56	2°44	21°18	10°32	0♏ 1	12°21	1°56	20°R 8	20°59	17°16	n.a.	T 26
W27	4 6 55	1°38'58	13°48	1°50	23°11	3°29	21°11	10°34	0° 4	12°22	1°55	20° 8	20°56	17°23	n.a.	W27
T 28	4 10 51	2°40'14	26°40	3°26	24°25	4°13	21° 4	10°37	0° 7	12°23	1°54	20° 6	20°53	17°30	n.a.	T 28
F 29	4 14 48	3°41'29	9♈15	5° 2	25°40	4°58	20°56	10°40	0°11	12°24	1°53	20° 4	20°50	17°36	n.a.	F 29
S 30	4 18 44	4♐42'44	21♈37	6♐39	26♐55	5♒42	20♊49	10♍43	0♏14	12♒25	1♋51	20♊ 2	20♊47	17♊43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s24	4s48	5s 5	7s12	1n16	18s31	0s24	24s40	1s42	23n31	0s 3	10n19	2n 7	10s41	0n25	18s15	0s55	27n17	3n35	23n25	23n30	22n 7		n.a.
S 2	13 44	0n29	4 47	7 53	1 10	18 54	0 27	24 34	1 42	23 31	0 3	10 17	2 7	10 43	0 25	18 15	0 55	27 18	3 35	23 25	23 30	22 9		n.a.
S 3	14 4	5 42	4 16	8 33	1 3	19 16	0 29	24 28	1 41	23 31	0 3	10 16	2 8	10 44	0 25	18 14	0 55	27 18	3 35	23 24	23 30	22 11		n.a.
M 4	14 24	10 37	3 34	9 14	0 56	19 37	0 32	24 22	1 40	23 31	0 3	10 14	2 8	10 45	0 25	18 14	0 55	27 18	3 35	23 23	23 30	22 12		n.a.
T 5	14 44	15 5	2 42	9 54	0 50	19 58	0 34	24 15	1 39	23 31	0 3	10 12	2 8	10 47	0 25	18 14	0 55	27 18	3 36	23 23	23 30	22 14		n.a.
W 6	15 4	18 54	1 44	10 33	0 43	20 18	0 36	24 8	1 38	23 31	0 3	10 11	2 8	10 48	0 25	18 14	0 55	27 18	3 36	23 23	23 29	22 15		n.a.
T 7	15 23	21 55	0 41	11 13	0 36	20 37	0 39	24 1	1 37	23 31	0 2	10 9	2 9	10 49	0 25	18 14	0 55	27 18	3 36	23 23	23 29	22 17		n.a.
F 8	15 42	24 0	0n23	11 52	0 29	20 56	0 41	23 54	1 36	23 31	0 2	10 8	2 9	10 51	0 25	18 14	0 55	27 19	3 36	23 23	23 29	22 19		n.a.
S 9	16 1	25 1	1 26	12 31	0 22	21 15	0 43	23 46	1 35	23 30	0 2	10 6	2 9	10 52	0 25	18 14	0 55	27 19	3 36	23 23	23 29	22 20		n.a.
S 10	16 19	24 54	2 26	13 9	0 15	21 33	0 46	23 38	1 34	23 30	0 2	10 5	2 9	10 53	0 25	18 14	0 55	27 19	3 36	23 23	23 29	22 22		n.a.
M11	16 38	23 38	3 20	13 46	0 8	21 50	0 48	23 30	1 33	23 30	0 2	10 3	2 10	10 55	0 25	18 14	0 54	27 19	3 36	23 23	23 28	22 23		n.a.
T 12	16 56	21 15	4 7	14 23	0 2	22 6	0 50	23 22	1 32	23 30	0 2	10 2	2 10	10 56	0 25	18 13	0 54	27 19	3 37	23 23	23 28	22 25		n.a.
W13	17 13	17 49	4 43	15 0	0s 5	22 22	0 52	23 14	1 31	23 30	0 2	10 0	2 10	10 57	0 25	18 13	0 54	27 19	3 37	23 23	23 28	22 27		n.a.
T 14	17 30	13 29	5 6	15 36	0 12	22 38	0 55	23 5	1 30	23 30	0 1	9 59	2 10	10 59	0 25	18 13	0 54	27 20	3 37	23 23	23 28	22 28		n.a.
F 15	17 47	8 22	5 13	16 11	0 18	22 52	0 57	22 56	1 29	23 30	0 1	9 58	2 11	11 0	0 25	18 13	0 54	27 20	3 37	23 23	23 28	22 30		n.a.
S 16	18 4	2 39	5 3	16 46	0 25	23 6	0 59	22 47	1 28	23 29	0 1	9 57	2 11	11 1	0 25	18 13	0 54	27 20	3 37	23 22	23 27	22 31		n.a.
S 17	18 20	3s22	4 35	17 20	0 31	23 20	1 1	22 38	1 27	23 29	0 1	9 55	2 11	11 2	0 25	18 12	0 54	27 20	3 37	23 22	23 27	22 33		n.a.
M18	18 37	9 24	3 47	17 53	0 37	23 32	1 3	22 28	1 26	23 29	0 1	9 54	2 11	11 4	0 25	18 12	0 54	27 20	3 37	23 22	23 27	22 34		n.a.
T 19	18 52	15 1	2 43	18 25	0 44	23 44	1 5	22 18	1 25	23 29	0 1	9 53	2 12	11 5	0 25	18 12	0 54	27 20	3 37	23 21	23 27	22 36		n.a.
W20	19 8	19 46	1 27	18 57	0 50	23 55	1 7	22 8	1 24	23 29	0 1	9 52	2 12	11 6	0 25	18 12	0 54	27 20	3 38	23 21	23 26	22 38		n.a.
T 21	19 22	23 12	0 5	19 28	0 55	24 6	1 9	21 58	1 24	23 28	0 0	9 51	2 12	11 7	0 25	18 12	0 54	27 21	3 38	23 21	23 26	22 39		n.a.
F 22	19 37	24 57	1s17	19 57	1 1	24 15	1 11	21 48	1 23	23 28	0 0	9 50	2 12	11 9	0 25	18 11	0 54	27 21	3 38	23 21	23 26	22 41		n.a.
S 23	19 51	24 54	2 32	20 26	1 7	24 24	1 13	21 37	1 22	23 28	0 0	9 49	2 13	11 10	0 25	18 11	0 54	27 21	3 38	23 21	23 26	22 42		n.a.
S 24	20 5	23 12	3 36	20 54	1 12	24 32	1 14	21 26	1 21	23 27	0n 0	9 48	2 13	11 11	0 25	18 11	0 54	27 21	3 38	23 21	23 26	22 44		n.a.
M25	20 19	20 7	4 25	21 21	1 17	24 40	1 16	21 15	1 20	23 27	0 0	9 47	2 13	11 12	0 25	18 10	0 54	27 21	3 38	23 21	23 25	22 45		n.a.
T 26	20 32	16 1	4 58	21 47	1 22	24 47	1 18	21 4	1 19	23 27	0 0	9 46	2 13	11 13	0 25	18 10	0 54	27 21	3 38	23 22	23 25	22 47		n.a.
W27	20 45	11 16	5 14	22 12	1 27	24 53	1 20	20 52	1 18	23 26	0 0	9 45	2 14	11 15	0 25	18 10	0 54	27 21	3 39	23 21	23 25	22 48		n.a.
T 28	20 57	6 8	5 14	22 36	1 32	24 58	1 21	20 41	1 17	23 26	0 1	9 44	2 14	11 16	0 25	18 10	0 54	27 22	3 39	23 21	23 25	22 50		n.a.
F 29	21 9	0 52	4 59	22 58	1 36	25 2	1 23	20 29	1 16	23 26	0 1	9 43	2 14	11 17	0 25	18 9	0 54	27 22	3 39	23 21	23 25	22 51		n.a.
S 30	21s20	4n22	4s30	23s20	1s40	25s 6	1s24	20s17	1s15	23n25	0n 1	9n43	2n14	11s18	0n25	18s 9	0s54	27n22	3n39	23n21	23n24	22n53		n.a.

Julian Day Number = 1616170.5, Delta T = 03h50m18s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'58, Lahiri = - 7°55'58 Julian Calendar 1 Nov. 289 BCE == Greg. Calendar 28 Oct. 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 289 BCE
geocentric

DECEMBER 289 BCE (-288) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 22 41	5♐43'59	3♉47	8♐16	28♐10	6♒27	20°R41	10♍45	0♏17	12♒26	1°R50	19°R59	20♊43	17♊49	n.a.	S 1
M 2	4 26 37	6°45'14	15°48	9°53	29°25	7°12	20♊34	10°48	0°20	12°27	1♋49	19♊57	20°40	17°56	n.a.	M 2
T 3	4 30 34	7°46'29	27°44	11°31	0♑40	7°56	20°26	10°50	0°23	12°29	1°48	19°56	20°37	18° 3	n.a.	T 3
W 4	4 34 30	8°47'43	9♊34	13° 9	1°54	8°41	20°18	10°52	0°27	12°30	1°47	19°55	20°34	18° 9	n.a.	W 4
T 5	4 38 27	9°48'58	21°22	14°48	3° 9	9°25	20°10	10°54	0°30	12°31	1°45	19°D55	20°31	18°16	n.a.	T 5
F 6	4 42 24	10°50'12	3♋10	16°26	4°24	10°10	20° 3	10°56	0°33	12°32	1°44	19°55	20°27	18°23	n.a.	F 6
S 7	4 46 20	11°51'26	14°59	18° 6	5°38	10°54	19°55	10°58	0°36	12°34	1°43	19°56	20°24	18°29	n.a.	S 7
S 8	4 50 17	12°52'40	26°54	19°45	6°53	11°38	19°47	11° 0	0°39	12°35	1°42	19°57	20°21	18°36	n.a.	S 8
M 9	4 54 13	13°53'53	8♌56	21°25	8° 8	12°23	19°39	11° 2	0°42	12°36	1°40	19°57	20°18	18°43	n.a.	M 9
T 10	4 58 10	14°55'07	21°10	23° 5	9°23	13° 7	19°31	11° 3	0°45	12°38	1°39	19°58	20°15	18°49	n.a.	T 10
W11	5 2 6	15°56'20	3♍39	24°45	10°37	13°52	19°23	11° 5	0°48	12°39	1°38	19°58	20°12	18°56	n.a.	W11
T 12	5 6 3	16°57'33	16°28	26°25	11°52	14°36	19°15	11° 6	0°50	12°40	1°36	19°R58	20° 8	19° 3	n.a.	T 12
F 13	5 9 59	17°58'45	29°40	28° 6	13° 6	15°20	19° 6	11° 8	0°53	12°42	1°35	19°58	20° 5	19° 9	n.a.	F 13
S 14	5 13 56	18°59'58	13♎17	29°46	14°21	16° 5	18°58	11° 9	0°56	12°43	1°34	19°58	20° 2	19°16	n.a.	S 14
S 15	5 17 53	20° 1'10	27°21	1♑26	15°35	16°49	18°50	11°10	0°59	12°45	1°33	19°D58	19°59	19°23	n.a.	S 15
M16	5 21 49	21° 2'22	11♏51	3° 7	16°50	17°33	18°42	11°11	1° 2	12°47	1°31	19°58	19°56	19°29	n.a.	M16
T 17	5 25 46	22° 3'33	26°43	4°47	18° 4	18°18	18°34	11°12	1° 4	12°48	1°30	19°58	19°53	19°36	n.a.	T 17
W18	5 29 42	23° 4'44	11♐50	6°26	19°19	19° 2	18°26	11°12	1° 7	12°50	1°29	19°58	19°49	19°42	n.a.	W18
T 19	5 33 39	24° 5'55	27° 4	8° 5	20°33	19°46	18°18	11°13	1°10	12°51	1°27	19°R58	19°46	19°49	n.a.	T 19
F 20	5 37 35	25° 7'04	12♑15	9°43	21°48	20°30	18°10	11°14	1°12	12°53	1°26	19°58	19°43	19°56	n.a.	F 20
S 21	5 41 32	26° 8'13	27°14	11°19	23° 2	21°14	18° 2	11°14	1°15	12°55	1°25	19°58	19°40	20° 2	n.a.	S 21
S 22	5 45 29	27° 9'21	11♒51	12°54	24°17	21°59	17°54	11°14	1°17	12°56	1°23	19°57	19°37	20° 9	n.a.	S 22
M23	5 49 25	28°10'27	26° 4	14°27	25°31	22°43	17°46	11°15	1°20	12°58	1°22	19°56	19°33	20°16	n.a.	M23
T 24	5 53 22	29°11'32	9♓49	15°58	26°45	23°27	17°39	11°15	1°22	13° 0	1°20	19°55	19°30	20°22	n.a.	T 24
W25	5 57 18	0♑12'36	23° 7	17°26	27°59	24°11	17°31	11°R15	1°24	13° 2	1°19	19°55	19°27	20°29	n.a.	W25
T 26	6 1 15	1°13'38	6♈ 0	18°51	29°14	24°55	17°23	11°15	1°27	13° 3	1°18	19°D55	19°24	20°36	n.a.	T 26
F 27	6 5 11	2°14'40	18°32	20°11	0♒28	25°39	17°16	11°15	1°29	13° 5	1°16	19°55	19°21	20°42	n.a.	F 27
S 28	6 9 8	3°15'39	0♉47	21°27	1°42	26°23	17° 8	11°14	1°31	13° 7	1°15	19°56	19°18	20°49	n.a.	S 28
S 29	6 13 4	4°16'38	12°49	22°37	2°56	27° 7	17° 1	11°14	1°34	13° 9	1°14	19°57	19°14	20°56	n.a.	S 29
M30	6 17 1	5°17'35	24°43	23°42	4°10	27°51	16°53	11°13	1°36	13°11	1°12	19°59	19°11	21° 2	n.a.	M30
T 31	6 20 58	6♑18'31	6♊31	24♑39	5♒24	28♒35	16♊46	11♍13	1♏38	13♒13	1♋11	20♊ 0	19♊ 8	21♊ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	21 s31	9n21	3 s49	23 s40	1 s44	25 s 9	1 s26	20 s 5	1 s14	23n25	0n 1	9n42	2n15	11 s19	0n25	18 s 9	0 s54	27n22	3n39	23n21	23n24	22n54			n.a.
M 2	21 42	13 56	2 58	23 59	1 48	25 11	1 27	19 52	1 13	23 25	0 1	9 41	2 15	11 20	0 25	18 8	0 54	27 22	3 39	23 21	23 24	22 56			n.a.
T 3	21 52	17 57	2 0	24 16	1 51	25 12	1 28	19 40	1 12	23 24	0 1	9 40	2 15	11 21	0 25	18 8	0 54	27 22	3 39	23 21	23 24	22 57			n.a.
W 4	22 2	21 13	0 57	24 33	1 54	25 13	1 30	19 27	1 11	23 24	0 2	9 40	2 16	11 22	0 25	18 7	0 54	27 22	3 39	23 21	23 23	22 59			n.a.
T 5	22 12	23 35	0n 8	24 47	1 57	25 12	1 31	19 14	1 10	23 23	0 2	9 39	2 16	11 24	0 25	18 7	0 54	27 23	3 39	23 21	23 23	23 0			n.a.
F 6	22 21	24 54	1 13	25 0	1 59	25 11	1 32	19 1	1 9	23 23	0 2	9 39	2 16	11 25	0 25	18 7	0 54	27 23	3 40	23 21	23 23	23 2			n.a.
S 7	22 29	25 7	2 15	25 12	2 1	25 9	1 33	18 48	1 8	23 22	0 2	9 38	2 16	11 26	0 25	18 6	0 54	27 23	3 40	23 21	23 23	23 3			n.a.
S 8	22 37	24 10	3 12	25 22	2 3	25 7	1 34	18 35	1 7	23 22	0 2	9 38	2 17	11 27	0 25	18 6	0 54	27 23	3 40	23 21	23 22	23 5			n.a.
M 9	22 45	22 6	4 0	25 31	2 4	25 3	1 35	18 21	1 6	23 22	0 2	9 37	2 17	11 28	0 25	18 6	0 54	27 23	3 40	23 21	23 22	23 6			n.a.
T 10	22 52	19 1	4 39	25 38	2 5	24 59	1 36	18 8	1 5	23 21	0 2	9 37	2 17	11 29	0 25	18 5	0 54	27 23	3 40	23 21	23 22	23 8			n.a.
W11	22 59	15 1	5 5	25 43	2 5	24 54	1 37	17 54	1 4	23 21	0 3	9 37	2 18	11 30	0 25	18 5	0 54	27 23	3 40	23 21	23 22	23 9			n.a.
T 12	23 5	10 16	5 18	25 46	2 5	24 49	1 37	17 40	1 3	23 20	0 3	9 37	2 18	11 31	0 25	18 4	0 54	27 23	3 40	23 21	23 22	23 10			n.a.
F 13	23 11	4 55	5 14	25 47	2 4	24 42	1 38	17 26	1 3	23 20	0 3	9 36	2 18	11 32	0 25	18 4	0 54	27 24	3 40	23 21	23 21	23 12			n.a.
S 14	23 16	0 s49	4 52	25 47	2 3	24 35	1 39	17 11	1 2	23 19	0 3	9 36	2 18	11 33	0 25	18 3	0 54	27 24	3 40	23 21	23 21	23 13			n.a.
S 15	23 21	6 43	4 13	25 45	2 2	24 27	1 39	16 57	1 1	23 18	0 3	9 36	2 19	11 34	0 25	18 3	0 54	27 24	3 40	23 21	23 21	23 15			n.a.
M16	23 25	12 27	3 17	25 41	1 59	24 18	1 40	16 42	1 0	23 18	0 3	9 36	2 19	11 35	0 25	18 2	0 54	27 24	3 41	23 21	23 21	23 16			n.a.
T 17	23 29	17 37	2 6	25 35	1 56	24 9	1 40	16 28	0 59	23 17	0 4	9 36	2 19	11 36	0 25	18 2	0 54	27 24	3 41	23 21	23 20	23 18			n.a.
W18	23 33	21 44	0 45	25 27	1 53	23 59	1 40	16 13	0 58	23 17	0 4	9 36	2 20	11 37	0 25	18 2	0 54	27 24	3 41	23 21	23 20	23 19			n.a.
T 19	23 36	24 21	0 s39	25 17	1 48	23 48	1 41	15 58	0 57	23 16	0 4	9 36	2 20	11 38	0 25	18 1	0 54	27 24	3 41	23 21	23 20	23 20			n.a.
F 20	23 38	25 10	2 1	25 5	1 43	23 36	1 41	15 43	0 56	23 16	0 4	9 36	2 20	11 38	0 25	18 1	0 54	27 24	3 41	23 21	23 20	23 22			n.a.
S 21	23 40	24 7	3 13	24 52	1 38	23 24	1 41	15 28	0 55	23 15	0 4	9 36	2 20	11 39	0 25	18 0	0 54	27 24	3 41	23 21	23 19	23 23			n.a.
S 22	23 42	21 26	4 10	24 36	1 31	23 11	1 41	15 12	0 54	23 15	0 4	9 36	2 21	11 40	0 25	18 0	0 54	27 24	3 41	23 21	23 19	23 24			n.a.
M23	23 43	17 32	4 51	24 19	1 23	22 57	1 41	14 57	0 53	23 14	0 4	9 36	2 21	11 41	0 25	17 59	0 54	27 25	3 41	23 21	23 19	23 26			n.a.
T 24	23 44	12 48	5 13	24 0	1 15	22 43	1 41	14 41	0 52	23 13	0 5	9 36	2 21	11 42	0 25	17 59	0 54	27 25	3 41	23 21	23 19	23 27			n.a.
W25	23 44	7 36	5 17	23 40	1 6	22 27	1 41	14 26	0 51	23 13	0 5	9 37	2 22	11 43	0 25	17 58	0 54	27 25	3 41	23 20	23 18	23 29			n.a.
T 26	23 43	2 15	5 5	23 18	0 56	22 12	1 40	14 10	0 50	23 12	0 5	9 37	2 22	11 44	0 25	17 58	0 54	27 25	3 41	23 20	23 18	23 30			n.a.
F 27	23 43	3n 3	4 39	22 56	0 44	21 55	1 40	13 54	0 50	23 12	0 5	9 37	2 22	11 44	0 25	17 57	0 54	27 25	3 41	23 21	23 18	23 31			n.a.
S 28	23 41	8 8	4 1	22 32	0 32	21 38	1 40	13 38	0 49	23 11	0 5	9 38	2 22	11 45	0 25	17 56	0 54	27 25	3 42	23 21	23 18	23 33			n.a.
S 29	23 40	12 50	3 12	22 7	0 19	21 21	1 39	13 22	0 48	23 10	0 5	9 38	2 23	11 46	0 25	17 56	0 54	27 25	3 42	23 21	23 17	23 34			n.a.
M30	23 37	16 59	2 16	21 43	0 5	21 3	1 38	13 6	0 47	23 10	0 5	9 39	2 23	11 47	0 25	17 55	0 54	27 25	3 42	23 21	23 17	23 35			n.a.
T 31	23 s35	20n27	1 s14	21 s18	0n10	20 s44	1 s38	12 s50	0 s46	23n 9	0n 6	9n39	2n23	11 s47	0n25	17 s55	0 s54	27n25	3n42	23n21	23n17	23n37			n.a.

Julian Day Number = 1616200.5, Delta T = 03h50m17s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'54, Lahiri = - 7°55'54 Julian Calendar 1 Dec. 289 BCE == Greg. Calendar 27 Nov. 289 BCE

The year -288 astronomical counting style corresponds to year 289 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

JANUARY 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 24 54	7♉19'26	18♊18	25♉28	6♒38	29♒19	16°R39	11°R12	1♏40	13♒15	1°R10	20°R 1	19♊ 5	21♊16	n.a.	W 1
T 2	6 28 51	8°20'19	0♋ 6	26° 9	7°52	0♓ 3	16♊32	11♍11	1°42	13°16	1♋ 8	20♊ 0	19° 2	21°22	n.a.	T 2
F 3	6 32 47	9°21'11	11°58	26°40	9° 6	0°46	16°25	11°10	1°44	13°18	1° 7	19°59	18°59	21°29	n.a.	F 3
S 4	6 36 44	10°22'02	23°55	27° 2	10°20	1°30	16°18	11° 9	1°46	13°20	1° 6	19°56	18°55	21°35	n.a.	S 4
S 5	6 40 40	11°22'51	5♌58	27°13	11°33	2°14	16°11	11° 8	1°48	13°22	1° 4	19°53	18°52	21°42	n.a.	S 5
M 6	6 44 37	12°23'39	18°11	27°R13	12°47	2°58	16° 5	11° 7	1°49	13°24	1° 3	19°49	18°49	21°49	n.a.	M 6
T 7	6 48 34	13°24'26	0♍35	27° 2	14° 1	3°41	15°58	11° 5	1°51	13°26	1° 2	19°45	18°46	21°55	n.a.	T 7
W 8	6 52 30	14°25'12	13°11	26°40	15°15	4°25	15°52	11° 4	1°53	13°28	1° 0	19°42	18°43	22° 2	n.a.	W 8
T 9	6 56 27	15°25'56	26° 2	26° 8	16°28	5° 8	15°46	11° 2	1°55	13°30	0°59	19°39	18°39	22° 9	n.a.	T 9
F 10	7 0 23	16°26'39	9♎11	25°26	17°42	5°52	15°40	11° 1	1°56	13°33	0°58	19°38	18°36	22°15	n.a.	F 10
S 11	7 4 20	17°27'21	22°40	24°36	18°55	6°36	15°34	10°59	1°58	13°35	0°56	19°D38	18°33	22°22	n.a.	S 11
S 12	7 8 16	18°28'02	6♏30	23°38	20° 9	7°19	15°28	10°57	1°59	13°37	0°55	19°39	18°30	22°29	n.a.	S 12
M13	7 12 13	19°28'42	20°42	22°35	21°22	8° 3	15°22	10°55	2° 1	13°39	0°54	19°40	18°27	22°35	n.a.	M13
T 14	7 16 9	20°29'20	5♐14	21°28	22°35	8°46	15°17	10°53	2° 2	13°41	0°53	19°42	18°24	22°42	n.a.	T 14
W15	7 20 6	21°29'57	20° 4	20°19	23°49	9°29	15°12	10°51	2° 4	13°43	0°51	19°R42	18°20	22°49	n.a.	W15
T 16	7 24 3	22°30'32	5♑ 5	19°10	25° 2	10°13	15° 7	10°49	2° 5	13°45	0°50	19°42	18°17	22°55	n.a.	T 16
F 17	7 27 59	23°31'06	20° 9	18° 3	26°15	10°56	15° 2	10°46	2° 6	13°47	0°49	19°39	18°14	23° 2	n.a.	F 17
S 18	7 31 56	24°31'38	5♒ 7	16°59	27°28	11°39	14°57	10°44	2° 7	13°50	0°48	19°35	18°11	23° 8	n.a.	S 18
S 19	7 35 52	25°32'09	19°51	16° 0	28°41	12°23	14°52	10°42	2° 9	13°52	0°46	19°29	18° 8	23°15	n.a.	S 19
M20	7 39 49	26°32'37	4♓12	15° 6	29°54	13° 6	14°48	10°39	2°10	13°54	0°45	19°23	18° 5	23°22	n.a.	M20
T 21	7 43 45	27°33'04	18° 7	14°18	1♈ 7	13°49	14°43	10°36	2°11	13°56	0°44	19°18	18° 1	23°28	n.a.	T 21
W22	7 47 42	28°33'28	1♈34	13°37	2°20	14°32	14°39	10°34	2°12	13°58	0°43	19°13	17°58	23°35	n.a.	W22
T 23	7 51 38	29°33'50	14°34	13° 4	3°33	15°15	14°35	10°31	2°13	14° 1	0°42	19°10	17°55	23°42	n.a.	T 23
F 24	7 55 35	0♒34'10	27° 9	12°38	4°46	15°59	14°32	10°28	2°14	14° 3	0°41	19°D 9	17°52	23°48	n.a.	F 24
S 25	7 59 32	1°34'28	9♉25	12°19	5°58	16°42	14°28	10°25	2°15	14° 5	0°39	19° 9	17°49	23°55	n.a.	S 25
S 26	8 3 28	2°34'44	21°26	12° 8	7°11	17°25	14°25	10°22	2°15	14° 7	0°38	19°11	17°45	24° 2	n.a.	S 26
M27	8 7 25	3°34'58	3♊17	12°D 3	8°23	18° 8	14°21	10°18	2°16	14° 9	0°37	19°12	17°42	24° 8	n.a.	M27
T 28	8 11 21	4°35'10	15° 4	12° 5	9°36	18°51	14°18	10°15	2°17	14°12	0°36	19°R13	17°39	24°15	n.a.	T 28
W29	8 15 18	5°35'19	26°51	12°13	10°48	19°33	14°16	10°12	2°17	14°14	0°35	19°13	17°36	24°22	n.a.	W29
T 30	8 19 14	6°35'27	8♋41	12°28	12° 0	20°16	14°13	10° 8	2°18	14°16	0°34	19°11	17°33	24°28	n.a.	T 30
F 31	8 23 11	7♒35'32	20♋38	12♉48	13♓12	20♓59	14♊11	10♍ 5	2♏18	14♒18	0♋33	19♊ 6	17♊30	24♊35	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s32	23n 3	0s 9	20s53	0n25	20s24	1s37	12s33	0s45	23n 9	0n 6	9n40	2n24	11s48	0n25	17s54	0s54	27n25	3n42	23n21	23n17	23n38			n.a.
T 2	23 28	24 39	0n56	20 30	0 42	20 4	1 36	12 17	0 44	23 8	0 6	9 40	2 24	11 49	0 25	17 54	0 54	27 25	3 42	23 21	23 16	23 39			n.a.
F 3	23 24	25 9	1 58	20 7	0 59	19 44	1 35	12 0	0 43	23 8	0 6	9 41	2 24	11 49	0 25	17 53	0 54	27 25	3 42	23 21	23 16	23 41			n.a.
S 4	23 19	24 29	2 57	19 46	1 16	19 23	1 34	11 44	0 42	23 7	0 6	9 41	2 24	11 50	0 25	17 53	0 54	27 25	3 42	23 21	23 16	23 42			n.a.
S 5	23 14	22 40	3 47	19 26	1 34	19 1	1 33	11 27	0 41	23 6	0 6	9 42	2 25	11 51	0 25	17 52	0 54	27 26	3 42	23 20	23 15	23 43			n.a.
M 6	23 9	19 48	4 28	19 9	1 52	18 39	1 32	11 10	0 41	23 6	0 6	9 43	2 25	11 51	0 25	17 51	0 54	27 26	3 42	23 20	23 15	23 45			n.a.
T 7	23 3	16 1	4 57	18 54	2 9	18 16	1 31	10 53	0 40	23 5	0 7	9 44	2 25	11 52	0 25	17 51	0 54	27 26	3 42	23 20	23 15	23 46			n.a.
W 8	22 56	11 29	5 12	18 41	2 26	17 53	1 30	10 37	0 39	23 5	0 7	9 44	2 25	11 53	0 25	17 50	0 54	27 26	3 42	23 20	23 15	23 47			n.a.
T 9	22 50	6 22	5 12	18 31	2 42	17 30	1 28	10 20	0 38	23 4	0 7	9 45	2 26	11 53	0 25	17 50	0 54	27 26	3 42	23 19	23 14	23 48			n.a.
F 10	22 42	0 51	4 56	18 24	2 57	17 6	1 27	10 3	0 37	23 4	0 7	9 46	2 26	11 54	0 25	17 49	0 54	27 26	3 42	23 19	23 14	23 50			n.a.
S 11	22 35	4s51	4 24	18 20	3 11	16 41	1 25	9 46	0 36	23 3	0 7	9 47	2 26	11 54	0 25	17 48	0 54	27 26	3 42	23 19	23 14	23 51			n.a.
S 12	22 26	10 28	3 35	18 19	3 23	16 16	1 24	9 28	0 35	23 3	0 7	9 48	2 27	11 55	0 25	17 48	0 54	27 26	3 42	23 19	23 14	23 52			n.a.
M13	22 18	15 42	2 33	18 19	3 32	15 51	1 22	9 11	0 34	23 2	0 7	9 49	2 27	11 55	0 25	17 47	0 54	27 26	3 42	23 19	23 13	23 54			n.a.
T 14	22 9	20 9	1 19	18 23	3 40	15 25	1 20	8 54	0 34	23 2	0 7	9 50	2 27	11 56	0 25	17 47	0 54	27 26	3 42	23 20	23 13	23 55			n.a.
W15	21 59	23 23	0s 2	18 28	3 45	14 59	1 19	8 37	0 33	23 1	0 8	9 51	2 27	11 56	0 26	17 46	0 54	27 26	3 42	23 20	23 13	23 56			n.a.
T 16	21 50	25 1	1 23	18 35	3 48	14 32	1 17	8 19	0 32	23 1	0 8	9 52	2 28	11 57	0 26	17 45	0 54	27 26	3 43	23 19	23 12	23 57			n.a.
F 17	21 39	24 49	2 39	18 43	3 49	14 5	1 15	8 2	0 31	23 0	0 8	9 53	2 28	11 57	0 26	17 45	0 54	27 26	3 43	23 19	23 12	23 59			n.a.
S 18	21 29	22 49	3 43	18 53	3 47	13 38	1 13	7 44	0 30	23 0	0 8	9 54	2 28	11 57	0 26	17 44	0 54	27 26	3 43	23 19	23 12	24 0			n.a.
S 19	21 18	19 19	4 31	19 4	3 43	13 10	1 11	7 27	0 29	23 0	0 8	9 56	2 28	11 58	0 26	17 43	0 54	27 26	3 43	23 19	23 12	24 1			n.a.
M20	21 6	14 44	5 0	19 15	3 38	12 42	1 8	7 9	0 29	22 59	0 8	9 57	2 29	11 58	0 26	17 43	0 54	27 26	3 43	23 18	23 11	24 2			n.a.
T 21	20 54	9 31	5 11	19 28	3 31	12 14	1 6	6 52	0 28	22 59	0 8	9 58	2 29	11 59	0 26	17 42	0 54	27 26	3 43	23 18	23 11	24 3			n.a.
W22	20 42	4 0	5 4	19 40	3 22	11 46	1 4	6 34	0 27	22 59	0 8	9 59	2 29	11 59	0 26	17 41	0 54	27 26	3 43	23 17	23 11	24 5			n.a.
T 23	20 29	1n29	4 41	19 53	3 13	11 17	1 1	6 17	0 26	22 58	0 9	10 1	2 29	11 59	0 26	17 41	0 54	27 26	3 43	23 17	23 10	24 6			n.a.
F 24	20 16	6 46	4 6	20 6	3 2	10 48	0 59	5 59	0 25	22 58	0 9	10 2	2 29	12 0	0 26	17 40	0 54	27 26	3 43	23 17	23 10	24 7			n.a.
S 25	20 3	11 39	3 19	20 19	2 51	10 18	0 56	5 41	0 24	22 58	0 9	10 3	2 30	12 0	0 26	17 39	0 54	27 26	3 43	23 17	23 10	24 8			n.a.
S 26	19 49	16 0	2 25	20 32	2 39	9 49	0 54	5 24	0 24	22 57	0 9	10 5	2 30	12 0	0 26	17 39	0 54	27 27	3 43	23 17	23 10	24 9			n.a.
M27	19 35	19 40	1 25	20 45	2 27	9 19	0 51	5 6	0 23	22 57	0 9	10 6	2 30	12 0	0 26	17 38	0 54	27 27	3 43	23 17	23 9	24 11			n.a.
T 28	19 21	22 31	0 23	20 57	2 14	8 49	0 48	4 48	0 22	22 57	0 9	10 8	2 30	12 1	0 26	17 38	0 54	27 27	3 43	23 17	23 9	24 12			n.a.
W29	19 6	24 23	0n41	21 9	2 1	8 18	0 46	4 30	0 21	22 57	0 9	10 9	2 31	12 1	0 26	17 37	0 54	27 27	3 43	23 17	23 9	24 13			n.a.
T 30	18 51	25 10	1 43	21 20	1 49	7 48	0 43	4 13	0 20	22 56	0 9	10 11	2 31	12 1	0 26	17 36	0 54	27 27	3 43	23 17	23 8	24 14			n.a.
F 31	18s36	24n47	2n41	21s31	1n36	7s17	0s40	3s55	0s20	22n56	0n10	10n12	2n31	12s 1	0n26	17s36	0s54	27n27	3n43	23n17	23n 8	24n15			n.a.

Julian Day Number = 1616231.5, Delta T = 03h50m16s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'50, Lahiri = - 7°55'50 Julian Calendar 1 Jan. 288 BCE == Greg. Calendar 28 Dec. 289 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

FEBRUARY 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 27 7	8♒35'36	2♌45	13♉13	14♓25	21♓42	14°R 8	10°R 1	2♏19	14♒21	0°R32	19°R 0	17♊26	24♊42	n.a.	S 1
S 2	8 31 4	9°35'37	15° 2	13°43	15°37	22°25	14♊ 6	9♍58	2°19	14°23	0♋31	18♊51	17°23	24°48	n.a.	S 2
M 3	8 35 1	10°35'36	27°30	14°18	16°48	23° 7	14° 4	9°54	2°20	14°25	0°30	18°42	17°20	24°55	n.a.	M 3
T 4	8 38 57	11°35'34	10♍11	14°57	18° 0	23°50	14° 3	9°50	2°20	14°28	0°29	18°32	17°17	25° 1	n.a.	T 4
W 5	8 42 54	12°35'29	23° 4	15°40	19°12	24°33	14° 1	9°47	2°20	14°30	0°28	18°23	17°14	25° 8	n.a.	W 5
T 6	8 46 50	13°35'22	6♎ 9	16°26	20°24	25°15	14° 0	9°43	2°20	14°32	0°27	18°15	17°11	25°15	n.a.	T 6
F 7	8 50 47	14°35'14	19°26	17°16	21°35	25°58	13°59	9°39	2°21	14°34	0°26	18°10	17° 7	25°21	n.a.	F 7
S 8	8 54 43	15°35'04	2♏57	18° 9	22°47	26°40	13°58	9°35	2°21	14°37	0°25	18° 7	17° 4	25°28	n.a.	S 8
S 9	8 58 40	16°34'52	16°42	19° 6	23°58	27°23	13°57	9°31	2°R21	14°39	0°24	18°D 6	17° 1	25°35	n.a.	S 9
M10	9 2 36	17°34'39	0♐42	20° 5	25° 9	28° 5	13°57	9°27	2°21	14°41	0°23	18° 7	16°58	25°41	n.a.	M10
T 11	9 6 33	18°34'23	14°55	21° 6	26°20	28°47	13°57	9°23	2°21	14°43	0°23	18°R 7	16°55	25°48	n.a.	T 11
W12	9 10 29	19°34'06	29°23	22°11	27°32	29°30	13°D57	9°18	2°21	14°46	0°22	18° 7	16°51	25°55	n.a.	W12
T 13	9 14 26	20°33'47	14♑ 0	23°17	28°43	0♈12	13°57	9°14	2°20	14°48	0°21	18° 4	16°48	26° 1	n.a.	T 13
F 14	9 18 23	21°33'27	28°42	24°26	29°53	0°54	13°57	9°10	2°20	14°50	0°20	17°59	16°45	26° 8	n.a.	F 14
S 15	9 22 19	22°33'04	13♒22	25°37	1♈ 4	1°36	13°57	9° 6	2°20	14°53	0°19	17°52	16°42	26°15	n.a.	S 15
S 16	9 26 16	23°32'39	27°54	26°50	2°15	2°19	13°58	9° 1	2°20	14°55	0°19	17°42	16°39	26°21	n.a.	S 16
M17	9 30 12	24°32'11	12♓ 9	28° 5	3°25	3° 1	13°59	8°57	2°19	14°57	0°18	17°31	16°36	26°28	n.a.	M17
T 18	9 34 9	25°31'42	26° 2	29°22	4°36	3°43	14° 0	8°52	2°19	14°59	0°17	17°20	16°32	26°35	n.a.	T 18
W19	9 38 5	26°31'10	9♈31	0♒40	5°46	4°25	14° 1	8°48	2°18	15° 2	0°17	17°11	16°29	26°41	n.a.	W19
T 20	9 42 2	27°30'36	22°33	2° 1	6°56	5° 7	14° 3	8°44	2°18	15° 4	0°16	17° 3	16°26	26°48	n.a.	T 20
F 21	9 45 58	28°29'59	5♉12	3°22	8° 6	5°49	14° 4	8°39	2°17	15° 6	0°15	16°59	16°23	26°54	n.a.	F 21
S 22	9 49 55	29°29'20	17°31	4°46	9°16	6°31	14° 6	8°35	2°16	15° 8	0°15	16°56	16°20	27° 1	n.a.	S 22
S 23	9 53 52	0♓28'39	29°33	6°11	10°26	7°13	14° 8	8°30	2°16	15°10	0°14	16°D56	16°17	27° 8	n.a.	S 23
M24	9 57 48	1°27'55	11♊26	7°38	11°36	7°55	14°10	8°25	2°15	15°13	0°14	16°R56	16°13	27°14	n.a.	M24
T 25	10 1 45	2°27'09	23°13	9° 6	12°45	8°37	14°13	8°21	2°14	15°15	0°13	16°56	16°10	27°21	n.a.	T 25
W26	10 5 41	3°26'20	5♋ 1	10°36	13°55	9°18	14°15	8°16	2°13	15°17	0°13	16°54	16° 7	27°28	n.a.	W26
T 27	10 9 38	4°25'29	16°55	12° 7	15° 4	10° 0	14°18	8°12	2°12	15°19	0°12	16°51	16° 4	27°34	n.a.	T 27
F 28	10 13 34	5♓24'36	28♋58	13♒40	16♈13	10♈42	14♊21	8♍ 7	2♏11	15♒21	0♋12	16♊45	16♊ 1	27♊41	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s20	23n14	3n33	21s41	1n24	6s47	0s37	3s37	0s19	22n56	0n10	10n14	2n31	12s 1	0n26	17s35	0s54	27n27	3n43	23n16	23n 8	24n16		n.a.
S 2	18 4	20 35	4 15	21 50	1 11	6 16	0 34	3 19	0 18	22 56	0 10	10 15	2 31	12 1	0 26	17 34	0 54	27 27	3 43	23 15	23 7	24 18		n.a.
M 3	17 48	16 56	4 46	21 58	0 59	5 45	0 31	3 1	0 17	22 56	0 10	10 17	2 32	12 2	0 26	17 34	0 54	27 27	3 43	23 15	23 7	24 19		n.a.
T 4	17 31	12 30	5 3	22 6	0 47	5 13	0 28	2 44	0 16	22 56	0 10	10 19	2 32	12 2	0 26	17 33	0 54	27 27	3 43	23 14	23 7	24 20		n.a.
W 5	17 14	7 26	5 5	22 13	0 35	4 42	0 25	2 26	0 16	22 56	0 10	10 20	2 32	12 2	0 26	17 32	0 54	27 27	3 43	23 13	23 7	24 21		n.a.
T 6	16 57	1 59	4 51	22 18	0 24	4 11	0 21	2 8	0 15	22 56	0 10	10 22	2 32	12 2	0 26	17 32	0 54	27 27	3 43	23 12	23 6	24 22		n.a.
F 7	16 39	3s40	4 22	22 23	0 13	3 39	0 18	1 50	0 14	22 56	0 10	10 23	2 32	12 2	0 26	17 31	0 54	27 27	3 43	23 12	23 6	24 23		n.a.
S 8	16 22	9 14	3 38	22 27	0 2	3 7	0 15	1 33	0 13	22 56	0 10	10 25	2 32	12 2	0 26	17 30	0 54	27 27	3 43	23 12	23 6	24 24		n.a.
S 9	16 3	14 29	2 40	22 29	0s 8	2 36	0 11	1 15	0 13	22 56	0 10	10 27	2 33	12 2	0 26	17 30	0 54	27 27	3 43	23 11	23 5	24 25		n.a.
M10	15 45	19 3	1 32	22 31	0 18	2 4	0 8	0 57	0 12	22 56	0 11	10 29	2 33	12 2	0 26	17 29	0 54	27 27	3 43	23 12	23 5	24 27		n.a.
T 11	15 27	22 35	0 17	22 31	0 28	1 32	0 4	0 39	0 11	22 56	0 11	10 30	2 33	12 2	0 26	17 28	0 54	27 27	3 43	23 12	23 5	24 28		n.a.
W12	15 8	24 44	1s 0	22 29	0 37	1 1	0 1	0 22	0 10	22 56	0 11	10 32	2 33	12 2	0 26	17 28	0 54	27 27	3 43	23 12	23 4	24 29		n.a.
T 13	14 49	25 12	2 14	22 27	0 46	0 29	0n 3	0 4	0 9	22 56	0 11	10 34	2 33	12 2	0 26	17 27	0 54	27 27	3 43	23 11	23 4	24 30		n.a.
F 14	14 29	23 55	3 19	22 23	0 55	0n 3	0 6	0n14	0 9	22 56	0 11	10 35	2 33	12 2	0 26	17 26	0 54	27 27	3 43	23 11	23 4	24 31		n.a.
S 15	14 10	21 0	4 10	22 18	1 3	0 35	0 10	0 31	0 8	22 56	0 11	10 37	2 33	12 1	0 26	17 26	0 54	27 27	3 43	23 10	23 3	24 32		n.a.
S 16	13 50	16 48	4 45	22 12	1 10	1 7	0 14	0 49	0 7	22 56	0 11	10 39	2 34	12 1	0 26	17 25	0 54	27 27	3 43	23 9	23 3	24 33		n.a.
M17	13 30	11 43	5 2	22 4	1 18	1 38	0 17	1 7	0 7	22 57	0 11	10 41	2 34	12 1	0 26	17 24	0 54	27 27	3 43	23 8	23 3	24 34		n.a.
T 18	13 10	6 10	4 59	21 55	1 25	2 10	0 21	1 24	0 6	22 57	0 11	10 43	2 34	12 1	0 26	17 24	0 54	27 27	3 43	23 7	23 2	24 35		n.a.
W19	12 50	0 29	4 41	21 44	1 31	2 42	0 25	1 42	0 5	22 57	0 11	10 44	2 34	12 1	0 26	17 23	0 54	27 27	3 43	23 6	23 2	24 36		n.a.
T 20	12 29	5n 4	4 7	21 32	1 37	3 13	0 29	1 59	0 4	22 57	0 12	10 46	2 34	12 1	0 26	17 22	0 54	27 27	3 43	23 6	23 2	24 37		n.a.
F 21	12 8	10 14	3 23	21 18	1 43	3 45	0 32	2 17	0 4	22 58	0 12	10 48	2 34	12 0	0 26	17 22	0 54	27 27	3 43	23 5	23 1	24 38		n.a.
S 22	11 47	14 52	2 30	21 3	1 48	4 16	0 36	2 34	0 3	22 58	0 12	10 50	2 34	12 0	0 26	17 21	0 54	27 27	3 43	23 5	23 1	24 39		n.a.
S 23	11 26	18 49	1 31	20 47	1 53	4 48	0 40	2 52	0 2	22 58	0 12	10 52	2 34	12 0	0 26	17 20	0 54	27 27	3 43	23 5	23 1	24 40		n.a.
M24	11 5	21 57	0 29	20 29	1 58	5 19	0 44	3 9	0 1	22 59	0 12	10 53	2 34	12 0	0 26	17 20	0 54	27 27	3 43	23 5	23 0	24 41		n.a.
T 25	10 44	24 7	0n33	20 9	2 2	5 50	0 48	3 26	0 1	22 59	0 12	10 55	2 35	11 59	0 26	17 19	0 54	27 27	3 43	23 5	23 0	24 42		n.a.
W26	10 22	25 13	1 35	19 48	2 5	6 21	0 52	3 44	0 0	22 59	0 12	10 57	2 35	11 59	0 26	17 18	0 54	27 27	3 43	23 5	23 0	24 43		n.a.
T 27	10 0	25 9	2 32	19 25	2 8	6 51	0 56	4 1	0n 1	23 0	0 12	10 59	2 35	11 59	0 26	17 18	0 54	27 27	3 43	23 4	22 59	24 44		n.a.
F 28	9s38	23n56	3n23	19s 1	2s11	7n22	1n 0	4n18	0n 1	23n 0	0n12	11n 1	2n35	11s58	0n26	17s17	0s54	27n27	3n43	23n 4	22n59	24n45		n.a.

Julian Day Number = 1616262.5, Delta T = 03h50m14s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'46, Lahiri = - 7°55'45 Julian Calendar 1 Feb. 288 BCE == Greg. Calendar 28 Jan. 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

MARCH 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 17 31	6♓23'41	11♌14	15♒14	17♈22	11♈23	14♊24	8°R 2	2°R10	15♒24	0°R11	16°R36	15♊57	27♊48	n.a.	S 1
S 2	10 21 27	7°22'43	23°45	16°50	18°31	12° 5	14°27	7♍58	2♏ 9	15°26	0♋11	16♊24	15°54	27°54	n.a.	S 2
M 3	10 25 24	8°21'43	6♍31	18°27	19°40	12°47	14°31	7°53	2° 8	15°28	0°10	16°12	15°51	28° 1	n.a.	M 3
T 4	10 29 20	9°20'40	19°32	20° 5	20°48	13°28	14°34	7°49	2° 7	15°30	0°10	15°59	15°48	28° 8	n.a.	T 4
W 5	10 33 17	10°19'36	2♎47	21°45	21°56	14°10	14°38	7°44	2° 6	15°32	0°10	15°46	15°45	28°14	n.a.	W 5
T 6	10 37 14	11°18'29	16°14	23°27	23° 5	14°51	14°42	7°39	2° 5	15°34	0° 9	15°36	15°42	28°21	n.a.	T 6
F 7	10 41 10	12°17'21	29°51	25°10	24°13	15°32	14°46	7°35	2° 4	15°36	0° 9	15°28	15°38	28°28	n.a.	F 7
S 8	10 45 7	13°16'11	13♏36	26°54	25°20	16°14	14°51	7°30	2° 2	15°38	0° 9	15°24	15°35	28°34	n.a.	S 8
S 9	10 49 3	14°14'59	27°29	28°40	26°28	16°55	14°55	7°26	2° 1	15°40	0° 9	15°22	15°32	28°41	n.a.	S 9
M10	10 53 0	15°13'45	11♐29	0♓27	27°36	17°37	15° 0	7°21	1°59	15°42	0° 8	15°21	15°29	28°48	n.a.	M10
T 11	10 56 56	16°12'29	25°34	2°16	28°43	18°18	15° 5	7°16	1°58	15°44	0° 8	15°21	15°26	28°54	n.a.	T 11
W12	11 0 53	17°11'12	9♑46	4° 7	29°50	18°59	15°10	7°12	1°57	15°46	0° 8	15°20	15°22	29° 1	n.a.	W12
T 13	11 4 49	18° 9'53	24° 1	5°59	0♉57	19°40	15°15	7° 7	1°55	15°48	0° 8	15°17	15°19	29° 7	n.a.	T 13
F 14	11 8 46	19° 8'32	8♒18	7°52	2° 4	20°21	15°20	7° 3	1°53	15°50	0° 8	15°11	15°16	29°14	n.a.	F 14
S 15	11 12 43	20° 7'10	22°32	9°47	3°10	21° 2	15°26	6°58	1°52	15°52	0° 8	15° 2	15°13	29°21	n.a.	S 15
S 16	11 16 39	21° 5'45	6♓39	11°44	4°17	21°44	15°31	6°54	1°50	15°54	0° 8	14°52	15°10	29°27	n.a.	S 16
M17	11 20 36	22° 4'18	20°34	13°42	5°23	22°25	15°37	6°50	1°48	15°56	0° 8	14°39	15° 7	29°34	n.a.	M17
T 18	11 24 32	23° 2'50	4♈12	15°41	6°29	23° 6	15°43	6°45	1°47	15°58	0°D 8	14°27	15° 3	29°41	n.a.	T 18
W19	11 28 29	24° 1'19	17°30	17°42	7°35	23°47	15°49	6°41	1°45	16° 0	0° 8	14°16	15° 0	29°47	n.a.	W19
T 20	11 32 25	24°59'46	0♉27	19°44	8°40	24°28	15°55	6°37	1°43	16° 2	0° 8	14° 8	14°57	29°54	n.a.	T 20
F 21	11 36 22	25°58'11	13° 3	21°48	9°45	25° 8	16° 2	6°32	1°41	16° 4	0° 8	14° 1	14°54	0♋ 1	n.a.	F 21
S 22	11 40 18	26°56'34	25°21	23°52	10°51	25°49	16° 8	6°28	1°39	16° 6	0° 8	13°58	14°51	0° 7	n.a.	S 22
S 23	11 44 15	27°54'55	7♊25	25°58	11°55	26°30	16°15	6°24	1°38	16° 7	0° 8	13°57	14°48	0°14	n.a.	S 23
M24	11 48 11	28°53'13	19°18	28° 5	13° 0	27°11	16°22	6°20	1°36	16° 9	0° 8	13°D57	14°44	0°21	n.a.	M24
T 25	11 52 8	29°51'30	1♋ 7	0♈13	14° 4	27°52	16°28	6°16	1°34	16°11	0° 8	13°R57	14°41	0°27	n.a.	T 25
W26	11 56 5	0♈49'44	12°56	2°21	15° 8	28°32	16°36	6°12	1°32	16°13	0° 9	13°56	14°38	0°34	n.a.	W26
T 27	12 0 1	1°47'56	24°52	4°29	16°12	29°13	16°43	6° 8	1°30	16°15	0° 9	13°54	14°35	0°41	n.a.	T 27
F 28	12 3 58	2°46'06	6♌59	6°38	17°16	29°54	16°50	6° 4	1°28	16°16	0° 9	13°49	14°32	0°47	n.a.	F 28
S 29	12 7 54	3°44'14	19°21	8°47	18°19	0♉34	16°58	6° 0	1°26	16°18	0° 9	13°42	14°28	0°54	n.a.	S 29
S 30	12 11 51	4°42'20	2♍ 1	10°55	19°22	1°15	17° 5	5°56	1°23	16°20	0°10	13°32	14°25	1° 1	n.a.	S 30
M31	12 15 47	5♈40'24	15♍ 1	13♈ 2	20♉25	1♉55	17♊13	5♍53	1♏21	16♒21	0♋10	13♊22	14♊22	1♋ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s16	21n33	4n 6	18s35	2s13	7n52	1n 3	4n35	0n 2	23n 1	0n12	11n 3	2n35	11s58	0n26	17s17	0s54	27n27	3n43	23n 3	22n59	24n46		n.a.
S 2	8 54	18 7	4 38	18 7	2 15	8 23	1 7	4 52	0 3	23 1	0 12	11 4	2 35	11 58	0 26	17 16	0 54	27 27	3 43	23 2	22 58	24 47		n.a.
M 3	8 32	13 48	4 56	17 38	2 16	8 53	1 11	5 9	0 3	23 2	0 13	11 6	2 35	11 57	0 26	17 15	0 54	27 26	3 43	23 0	22 58	24 48		n.a.
T 4	8 10	8 47	5 0	17 7	2 17	9 23	1 15	5 26	0 4	23 2	0 13	11 8	2 35	11 57	0 26	17 15	0 54	27 26	3 43	22 59	22 58	24 49		n.a.
W 5	7 47	3 16	4 47	16 35	2 17	9 52	1 19	5 43	0 5	23 3	0 13	11 10	2 35	11 56	0 26	17 14	0 54	27 26	3 43	22 58	22 57	24 50		n.a.
T 6	7 25	2s29	4 19	16 1	2 17	10 22	1 23	6 0	0 5	23 3	0 13	11 12	2 35	11 56	0 26	17 14	0 54	27 26	3 43	22 57	22 57	24 51		n.a.
F 7	7 2	8 12	3 36	15 25	2 16	10 51	1 27	6 17	0 6	23 4	0 13	11 13	2 35	11 55	0 26	17 13	0 54	27 26	3 43	22 56	22 57	24 52		n.a.
S 8	6 39	13 35	2 39	14 48	2 15	11 20	1 31	6 34	0 7	23 4	0 13	11 15	2 35	11 55	0 26	17 12	0 54	27 26	3 43	22 55	22 56	24 53		n.a.
S 9	6 16	18 20	1 33	14 9	2 13	11 48	1 35	6 50	0 7	23 5	0 13	11 17	2 35	11 55	0 26	17 12	0 54	27 26	3 43	22 55	22 56	24 54		n.a.
M10	5 53	22 6	0 21	13 29	2 11	12 17	1 39	7 7	0 8	23 6	0 13	11 19	2 35	11 54	0 26	17 11	0 54	27 26	3 42	22 55	22 56	24 55		n.a.
T 11	5 30	24 33	0s54	12 47	2 8	12 45	1 43	7 23	0 9	23 6	0 13	11 20	2 35	11 54	0 26	17 11	0 54	27 26	3 42	22 55	22 55	24 56		n.a.
W12	5 7	25 27	2 5	12 3	2 5	13 12	1 46	7 40	0 9	23 7	0 13	11 22	2 35	11 53	0 26	17 10	0 54	27 26	3 42	22 55	22 55	24 57		n.a.
T 13	4 44	24 40	3 9	11 18	2 1	13 40	1 50	7 56	0 10	23 7	0 13	11 24	2 35	11 52	0 26	17 9	0 54	27 26	3 42	22 54	22 55	24 58		n.a.
F 14	4 21	22 17	4 1	10 31	1 57	14 7	1 54	8 13	0 11	23 8	0 13	11 25	2 35	11 52	0 26	17 9	0 54	27 26	3 42	22 54	22 54	24 58		n.a.
S 15	3 58	18 32	4 38	9 43	1 52	14 34	1 58	8 29	0 11	23 9	0 14	11 27	2 35	11 51	0 26	17 8	0 54	27 26	3 42	22 53	22 54	24 59		n.a.
S 16	3 34	13 46	4 57	8 53	1 46	15 0	2 2	8 45	0 12	23 10	0 14	11 29	2 35	11 51	0 26	17 8	0 54	27 26	3 42	22 52	22 54	25 0		n.a.
M17	3 11	8 21	4 59	8 2	1 40	15 26	2 5	9 1	0 12	23 10	0 14	11 30	2 35	11 50	0 26	17 7	0 54	27 26	3 42	22 50	22 53	25 1		n.a.
T 18	2 48	2 38	4 43	7 9	1 34	15 52	2 9	9 17	0 13	23 11	0 14	11 32	2 35	11 50	0 26	17 7	0 55	27 26	3 42	22 49	22 53	25 2		n.a.
W19	2 24	3n 4	4 12	6 15	1 27	16 18	2 13	9 33	0 14	23 12	0 14	11 34	2 35	11 49	0 26	17 6	0 55	27 26	3 42	22 47	22 53	25 3		n.a.
T 20	2 1	8 31	3 29	5 19	1 19	16 43	2 16	9 49	0 14	23 12	0 14	11 35	2 35	11 48	0 26	17 5	0 55	27 26	3 42	22 46	22 52	25 4		n.a.
F 21	1 37	13 28	2 36	4 23	1 11	17 7	2 20	10 5	0 15	23 13	0 14	11 37	2 35	11 48	0 26	17 5	0 55	27 26	3 42	22 46	22 52	25 5		n.a.
S 22	1 14	17 46	1 37	3 25	1 3	17 31	2 23	10 20	0 16	23 14	0 14	11 38	2 35	11 47	0 26	17 4	0 55	27 26	3 42	22 45	22 51	25 5		n.a.
S 23	0 50	21 15	0 35	2 26	0 54	17 55	2 27	10 36	0 16	23 15	0 14	11 40	2 35	11 46	0 26	17 4	0 55	27 26	3 42	22 45	22 51	25 6		n.a.
M24	0 27	23 46	0n28	1 27	0 44	18 19	2 30	10 51	0 17	23 16	0 14	11 41	2 35	11 46	0 26	17 3	0 55	27 26	3 42	22 45	22 51	25 7		n.a.
T 25	0 3	25 14	1 30	0 27	0 35	18 42	2 33	11 7	0 17	23 16	0 14	11 43	2 35	11 45	0 26	17 3	0 55	27 26	3 42	22 45	22 50	25 8		n.a.
W26	0n20	25 33	2 28	0n34	0 25	19 4	2 37	11 22	0 18	23 17	0 14	11 44	2 34	11 44	0 26	17 2	0 55	27 26	3 42	22 45	22 50	25 9		n.a.
T 27	0 43	24 41	3 19	1 35	0 14	19 26	2 40	11 37	0 19	23 18	0 14	11 45	2 34	11 43	0 26	17 2	0 55	27 26	3 42	22 45	22 50	25 10		n.a.
F 28	1 7	22 40	4 3	2 37	0 4	19 48	2 43	11 52	0 19	23 19	0 15	11 47	2 34	11 43	0 26	17 1	0 55	27 26	3 42	22 44	22 49	25 10		n.a.
S 29	1 30	19 34	4 36	3 38	0n 7	20 9	2 46	12 7	0 20	23 20	0 15	11 48	2 34	11 42	0 26	17 1	0 55	27 26	3 42	22 43	22 49	25 11		n.a.
S 30	1 54	15 29	4 57	4 39	0 18	20 30	2 49	12 22	0 20	23 20	0 15	11 50	2 34	11 41	0 26	17 0	0 55	27 26	3 42	22 42	22 49	25 12		n.a.
M31	2n17	10n36	5n 2	5n39	0n29	20n50	2n52	12n37	0n21	23n21	0n15	11n51	2n34	11s41	0n26	17s 0	0s55	27n26	3n42	22n41	22n48	25n13		n.a.

Julian Day Number = 1616290.5, Delta T = 03h50m14s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'42, Lahiri = - 7°55'42 Julian Calendar 1 March 288 BCE == Greg. Calendar 25 Feb. 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

APRIL 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 19 44	6♈38'26	28♍20	15♈ 9	21♉27	2♉36	17♊21	5°R49	1°R19	16♒23	0♋10	13°R11	14♊19	1♋14	n.a.	T 1
W 2	12 23 40	7°36'26	11♎57	17°14	22°29	3°16	17°29	5♍45	1♏17	16°24	0°11	13♊ 0	14°16	1°20	n.a.	W 2
T 3	12 27 37	8°34'25	25°49	19°18	23°31	3°57	17°37	5°42	1°15	16°26	0°11	12°51	14°13	1°27	n.a.	T 3
F 4	12 31 34	9°32'22	9♏51	21°20	24°32	4°37	17°45	5°39	1°12	16°28	0°12	12°45	14° 9	1°34	n.a.	F 4
S 5	12 35 30	10°30'17	24° 0	23°19	25°33	5°17	17°54	5°35	1°10	16°29	0°12	12°41	14° 6	1°40	n.a.	S 5
S 6	12 39 27	11°28'11	8♐12	25°16	26°34	5°58	18° 2	5°32	1° 8	16°31	0°13	12°D40	14° 3	1°47	n.a.	S 6
M 7	12 43 23	12°26'04	22°24	27°11	27°34	6°38	18°11	5°29	1° 6	16°32	0°13	12°40	14° 0	1°54	n.a.	M 7
T 8	12 47 20	13°23'56	6♑35	29° 3	28°34	7°18	18°19	5°25	1° 3	16°33	0°14	12°R41	13°57	2° 0	n.a.	T 8
W 9	12 51 16	14°21'46	20°42	0♉52	29°33	7°58	18°28	5°22	1° 1	16°35	0°14	12°41	13°54	2° 7	n.a.	W 9
T 10	12 55 13	15°19'35	4♒46	2°38	0♊33	8°39	18°37	5°19	0°59	16°36	0°15	12°39	13°50	2°14	n.a.	T 10
F 11	12 59 9	16°17'22	18°43	4°21	1°31	9°19	18°46	5°16	0°56	16°38	0°15	12°35	13°47	2°20	n.a.	F 11
S 12	13 3 6	17°15'08	2♓33	6° 0	2°30	9°59	18°55	5°14	0°54	16°39	0°16	12°29	13°44	2°27	n.a.	S 12
S 13	13 7 3	18°12'53	16°14	7°36	3°28	10°39	19° 5	5°11	0°51	16°40	0°17	12°21	13°41	2°34	n.a.	S 13
M14	13 10 59	19°10'37	29°43	9° 9	4°25	11°19	19°14	5° 8	0°49	16°42	0°17	12°12	13°38	2°40	n.a.	M14
T 15	13 14 56	20° 8'19	12♈58	10°38	5°22	11°59	19°23	5° 5	0°47	16°43	0°18	12° 4	13°34	2°47	n.a.	T 15
W16	13 18 52	21° 5'59	25°57	12° 3	6°19	12°39	19°33	5° 3	0°44	16°44	0°19	11°56	13°31	2°54	n.a.	W16
T 17	13 22 49	22° 3'39	8♉40	13°25	7°15	13°19	19°43	5° 1	0°42	16°45	0°19	11°49	13°28	3° 0	n.a.	T 17
F 18	13 26 45	23° 1'17	21° 7	14°43	8°10	13°59	19°53	4°58	0°39	16°46	0°20	11°45	13°25	3° 7	n.a.	F 18
S 19	13 30 42	23°58'53	3♊19	15°57	9° 5	14°39	20° 2	4°56	0°37	16°48	0°21	11°43	13°22	3°14	n.a.	S 19
S 20	13 34 38	24°56'28	15°20	17° 8	10° 0	15°19	20°12	4°54	0°34	16°49	0°22	11°D42	13°19	3°20	n.a.	S 20
M21	13 38 35	25°54'02	27°12	18°15	10°54	15°59	20°22	4°52	0°32	16°50	0°23	11°43	13°15	3°27	n.a.	M21
T 22	13 42 32	26°51'34	9♋ 1	19°18	11°47	16°38	20°33	4°50	0°29	16°51	0°24	11°45	13°12	3°34	n.a.	T 22
W23	13 46 28	27°49'04	20°51	20°17	12°40	17°18	20°43	4°48	0°27	16°52	0°24	11°46	13° 9	3°40	n.a.	W23
T 24	13 50 25	28°46'33	2♌47	21°11	13°32	17°58	20°53	4°46	0°24	16°53	0°25	11°R46	13° 6	3°47	n.a.	T 24
F 25	13 54 21	29°44'01	14°55	22° 2	14°24	18°38	21° 4	4°44	0°22	16°54	0°26	11°45	13° 3	3°53	n.a.	F 25
S 26	13 58 18	0♉41'27	27°19	22°49	15°14	19°17	21°14	4°43	0°19	16°55	0°27	11°42	12°59	4° 0	n.a.	S 26
S 27	14 2 14	1°38'52	10♍ 2	23°31	16° 4	19°57	21°25	4°41	0°17	16°56	0°28	11°37	12°56	4° 7	n.a.	S 27
M28	14 6 11	2°36'15	23° 9	24° 9	16°54	20°37	21°35	4°40	0°14	16°57	0°29	11°32	12°53	4°13	n.a.	M28
T 29	14 10 7	3°33'37	6♎38	24°43	17°42	21°16	21°46	4°38	0°12	16°57	0°30	11°26	12°50	4°20	n.a.	T 29
W30	14 14 4	4♉30'58	20♎30	25♉12	18♊30	21♉56	21♊57	4♍37	0♏ 9	16♒58	0♋31	11♊20	12♊47	4♋27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n40	5n 8	4n52	6n39	0n40	21n 9	2n55	12n51	0n21	23n22	0n15	11n52	2n34	11 s40	0n26	16 s59	0 s55	27n26	3n42	22n39	22n48	25n14		n.a.
W 2	3 3	0 s43	4 25	7 37	0 50	21 29	2 58	13 6	0 22	23 23	0 15	11 53	2 34	11 39	0 26	16 59	0 55	27 26	3 42	22 38	22 47	25 14		n.a.
T 3	3 26	6 38	3 43	8 35	1 1	21 47	3 1	13 20	0 23	23 24	0 15	11 55	2 34	11 38	0 26	16 59	0 55	27 26	3 42	22 37	22 47	25 15		n.a.
F 4	3 49	12 20	2 46	9 31	1 11	22 5	3 3	13 35	0 23	23 25	0 15	11 56	2 34	11 37	0 26	16 58	0 55	27 26	3 42	22 36	22 47	25 16		n.a.
S 5	4 12	17 25	1 38	10 25	1 21	22 23	3 6	13 49	0 24	23 25	0 15	11 57	2 33	11 37	0 26	16 58	0 55	27 26	3 42	22 36	22 46	25 17		n.a.
S 6	4 35	21 33	0 24	11 17	1 30	22 40	3 8	14 3	0 24	23 26	0 15	11 58	2 33	11 36	0 26	16 57	0 55	27 26	3 42	22 36	22 46	25 17		n.a.
M 7	4 58	24 22	0 s52	12 8	1 39	22 57	3 10	14 17	0 25	23 27	0 15	11 59	2 33	11 35	0 26	16 57	0 55	27 26	3 42	22 36	22 46	25 18		n.a.
T 8	5 21	25 38	2 4	12 56	1 47	23 13	3 13	14 31	0 25	23 28	0 15	12 0	2 33	11 34	0 26	16 56	0 55	27 26	3 42	22 36	22 45	25 19		n.a.
W 9	5 44	25 13	3 9	13 43	1 55	23 28	3 15	14 45	0 26	23 29	0 15	12 1	2 33	11 33	0 26	16 56	0 55	27 26	3 42	22 36	22 45	25 20		n.a.
T 10	6 6	23 13	4 2	14 27	2 2	23 43	3 17	14 58	0 26	23 30	0 16	12 2	2 33	11 33	0 26	16 56	0 55	27 25	3 42	22 35	22 44	25 20		n.a.
F 11	6 29	19 49	4 40	15 8	2 9	23 57	3 19	15 12	0 27	23 31	0 16	12 3	2 33	11 32	0 26	16 55	0 55	27 25	3 42	22 35	22 44	25 21		n.a.
S 12	6 51	15 21	5 1	15 48	2 15	24 11	3 20	15 25	0 27	23 31	0 16	12 4	2 33	11 31	0 26	16 55	0 55	27 25	3 42	22 34	22 44	25 22		n.a.
S 13	7 14	10 10	5 5	16 25	2 20	24 24	3 22	15 38	0 28	23 32	0 16	12 5	2 32	11 30	0 26	16 55	0 55	27 25	3 42	22 33	22 43	25 22		n.a.
M14	7 36	4 34	4 52	16 59	2 24	24 37	3 24	15 52	0 28	23 33	0 16	12 6	2 32	11 29	0 26	16 54	0 55	27 25	3 42	22 32	22 43	25 23		n.a.
T 15	7 58	1n 9	4 23	17 31	2 27	24 49	3 25	16 5	0 29	23 34	0 16	12 7	2 32	11 28	0 26	16 54	0 55	27 25	3 42	22 31	22 42	25 24		n.a.
W16	8 20	6 43	3 41	18 1	2 30	25 1	3 26	16 17	0 30	23 35	0 16	12 7	2 32	11 27	0 26	16 54	0 55	27 25	3 42	22 30	22 42	25 25		n.a.
T 17	8 42	11 54	2 48	18 28	2 32	25 12	3 28	16 30	0 30	23 36	0 16	12 8	2 32	11 27	0 26	16 53	0 56	27 25	3 41	22 29	22 42	25 25		n.a.
F 18	9 3	16 30	1 49	18 53	2 33	25 22	3 29	16 43	0 31	23 36	0 16	12 9	2 32	11 26	0 26	16 53	0 56	27 25	3 41	22 28	22 41	25 26		n.a.
S 19	9 25	20 20	0 45	19 15	2 33	25 32	3 30	16 55	0 31	23 37	0 16	12 10	2 31	11 25	0 26	16 53	0 56	27 25	3 41	22 28	22 41	25 27		n.a.
S 20	9 46	23 14	0n20	19 35	2 32	25 41	3 30	17 8	0 32	23 38	0 16	12 10	2 31	11 24	0 26	16 52	0 56	27 25	3 41	22 28	22 40	25 27		n.a.
M21	10 7	25 5	1 23	19 53	2 30	25 50	3 31	17 20	0 32	23 39	0 16	12 11	2 31	11 23	0 26	16 52	0 56	27 25	3 41	22 28	22 40	25 28		n.a.
T 22	10 29	25 47	2 23	20 8	2 28	25 58	3 31	17 32	0 33	23 40	0 16	12 11	2 31	11 22	0 26	16 52	0 56	27 25	3 41	22 28	22 40	25 29		n.a.
W23	10 49	25 19	3 16	20 21	2 24	26 5	3 32	17 44	0 33	23 40	0 16	12 12	2 31	11 21	0 26	16 51	0 56	27 25	3 41	22 28	22 39	25 29		n.a.
T 24	11 10	23 41	4 2	20 32	2 20	26 12	3 32	17 56	0 34	23 41	0 17	12 13	2 31	11 20	0 26	16 51	0 56	27 25	3 41	22 28	22 39	25 30		n.a.
F 25	11 31	20 58	4 37	20 40	2 15	26 18	3 32	18 7	0 34	23 42	0 17	12 13	2 30	11 20	0 26	16 51	0 56	27 25	3 41	22 28	22 38	25 30		n.a.
S 26	11 51	17 15	5 1	20 46	2 9	26 24	3 31	18 19	0 35	23 43	0 17	12 13	2 30	11 19	0 26	16 51	0 56	27 25	3 41	22 28	22 38	25 31		n.a.
S 27	12 11	12 40	5 10	20 50	2 2	26 29	3 31	18 30	0 35	23 44	0 17	12 14	2 30	11 18	0 26	16 50	0 56	27 25	3 41	22 27	22 38	25 32		n.a.
M28	12 31	7 24	5 4	20 52	1 54	26 34	3 30	18 41	0 35	23 44	0 17	12 14	2 30	11 17	0 26	16 50	0 56	27 25	3 41	22 26	22 37	25 32		n.a.
T 29	12 51	1 38	4 41	20 52	1 45	26 38	3 30	18 52	0 36	23 45	0 17	12 14	2 30	11 16	0 26	16 50	0 56	27 25	3 41	22 26	22 37	25 33		n.a.
W30	13n11	4 s23	4n 1	20n50	1n35	26n41	3n29	19n 3	0n36	23n46	0n17	12n15	2n29	11 s15	0n26	16 s50	0 s56	27n25	3n41	22n25	22n36	25n33		n.a.

Julian Day Number = 1616321.5, Delta T = 03h50m12s
Ecliptic obliquity = 23°43'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'38, Lahiri = - 7°55'37 Julian Calendar 1 Apr. 288 BCE == Greg. Calendar 28 March 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

MAY 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 18 1	5♉28'18	4♏42	25♉36	19♊17	22♉35	22♊ 8	4°R36	0°R 7	16♒59	0♋32	11°R15	12♊44	4♋33	n.a.	T 1
F 2	14 21 57	6°25'37	19° 7	25°56	20° 3	23°15	22°19	4♍35	0♏ 4	17° 0	0°33	11♊12	12°40	4°40	n.a.	F 2
S 3	14 25 54	7°22'55	3♐42	26°12	20°49	23°54	22°30	4°34	0° 2	17° 0	0°35	11°10	12°37	4°47	n.a.	S 3
S 4	14 29 50	8°20'13	18°19	26°22	21°33	24°34	22°41	4°33	29♎59	17° 1	0°36	11°D10	12°34	4°53	n.a.	S 4
M 5	14 33 47	9°17'30	2♑52	26°29	22°16	25°13	22°52	4°32	29°57	17° 2	0°37	11°11	12°31	5° 0	n.a.	M 5
T 6	14 37 43	10°14'46	17°19	26°R30	22°59	25°53	23° 4	4°32	29°54	17° 2	0°38	11°13	12°28	5° 7	n.a.	T 6
W 7	14 41 40	11°12'01	1♒34	26°27	23°40	26°32	23°15	4°31	29°52	17° 3	0°39	11°14	12°25	5°13	n.a.	W 7
T 8	14 45 36	12° 9'17	15°37	26°20	24°21	27°11	23°27	4°31	29°50	17° 4	0°40	11°R14	12°21	5°20	n.a.	T 8
F 9	14 49 33	13° 6'31	29°25	26° 9	25° 0	27°51	23°38	4°30	29°47	17° 4	0°41	11°13	12°18	5°27	n.a.	F 9
S 10	14 53 30	14° 3'45	13♓ 0	25°53	25°39	28°30	23°50	4°30	29°45	17° 5	0°43	11°11	12°15	5°33	n.a.	S 10
S 11	14 57 26	15° 0'59	26°20	25°34	26°16	29° 9	24° 1	4°30	29°42	17° 5	0°44	11° 8	12°12	5°40	n.a.	S 11
M12	15 1 23	15°58'12	9♈26	25°11	26°52	29°48	24°13	4°D30	29°40	17° 6	0°45	11° 4	12° 9	5°47	n.a.	M12
T 13	15 5 19	16°55'25	22°18	24°45	27°26	0♊28	24°25	4°30	29°38	17° 6	0°47	11° 0	12° 5	5°53	n.a.	T 13
W14	15 9 16	17°52'37	4♉56	24°17	28° 0	1° 7	24°36	4°30	29°35	17° 6	0°48	10°57	12° 2	6° 0	n.a.	W14
T 15	15 13 12	18°49'49	17°22	23°46	28°32	1°46	24°48	4°30	29°33	17° 7	0°49	10°54	11°59	6° 7	n.a.	T 15
F 16	15 17 9	19°47'00	29°35	23°14	29° 2	2°25	25° 0	4°31	29°31	17° 7	0°50	10°53	11°56	6°13	n.a.	F 16
S 17	15 21 5	20°44'11	11♊39	22°40	29°31	3° 4	25°12	4°31	29°28	17° 7	0°52	10°D52	11°53	6°20	n.a.	S 17
S 18	15 25 2	21°41'22	23°34	22° 6	29°59	3°44	25°24	4°32	29°26	17° 7	0°53	10°53	11°50	6°27	n.a.	S 18
M19	15 28 59	22°38'31	5♋24	21°32	0♋25	4°23	25°36	4°32	29°24	17° 8	0°55	10°54	11°46	6°33	n.a.	M19
T 20	15 32 55	23°35'41	17°12	20°58	0°50	5° 2	25°49	4°33	29°22	17° 8	0°56	10°55	11°43	6°40	n.a.	T 20
W21	15 36 52	24°32'49	29° 2	20°26	1°12	5°41	26° 1	4°34	29°20	17° 8	0°57	10°57	11°40	6°47	n.a.	W21
T 22	15 40 48	25°29'57	10♌58	19°55	1°33	6°20	26°13	4°35	29°17	17° 8	0°59	10°58	11°37	6°53	n.a.	T 22
F 23	15 44 45	26°27'05	23° 5	19°27	1°52	6°59	26°25	4°36	29°15	17° 8	1° 0	10°R58	11°34	7° 0	n.a.	F 23
S 24	15 48 41	27°24'11	5♍27	19° 1	2°10	7°38	26°38	4°37	29°13	17° 8	1° 2	10°58	11°31	7° 7	n.a.	S 24
S 25	15 52 38	28°21'18	18° 9	18°38	2°25	8°17	26°50	4°38	29°11	17°R 8	1° 3	10°58	11°27	7°13	n.a.	S 25
M26	15 56 34	29°18'24	1♎14	18°19	2°38	8°56	27° 2	4°40	29° 9	17° 8	1° 5	10°56	11°24	7°20	n.a.	M26
T 27	16 0 31	0♊15'29	14°45	18° 4	2°50	9°35	27°15	4°41	29° 7	17° 8	1° 6	10°55	11°21	7°27	n.a.	T 27
W28	16 4 28	1°12'34	28°41	17°53	2°59	10°13	27°27	4°43	29° 5	17° 8	1° 8	10°54	11°18	7°33	n.a.	W28
T 29	16 8 24	2° 9'39	13♏ 2	17°47	3° 6	10°52	27°40	4°44	29° 3	17° 8	1° 9	10°53	11°15	7°40	n.a.	T 29
F 30	16 12 21	3° 6'44	27°42	17°D45	3°11	11°31	27°53	4°46	29° 1	17° 8	1°11	10°52	11°11	7°47	n.a.	F 30
S 31	16 16 17	4♊ 3'49	12♐36	17♉48	3♋13	12♊10	28♊ 5	4♍48	28♎59	17♒ 8	1♋12	10°D52	11♊ 8	7♋53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13n30	10s20	3n 6	20n45	1n24	26n44	3n27	19n14	0n37	23n47	0n17	12n15	2n29	11s14	0n26	16s49	0s56	27n25	3n41	22n24	22n36	25n34			n.a.
F 2	13 50	15 50	1 57	20 39	1 12	26 47	3 26	19 25	0 37	23 47	0 17	12 15	2 29	11 14	0 26	16 49	0 56	27 25	3 41	22 24	22 36	25 35			n.a.
S 3	14 9	20 29	0 41	20 30	1 0	26 48	3 24	19 35	0 38	23 48	0 17	12 15	2 29	11 13	0 26	16 49	0 56	27 25	3 41	22 23	22 35	25 35			n.a.
S 4	14 27	23 51	0s39	20 20	0 47	26 50	3 22	19 46	0 38	23 49	0 17	12 16	2 29	11 12	0 26	16 49	0 56	27 25	3 41	22 23	22 35	25 36			n.a.
M 5	14 46	25 38	1 56	20 8	0 33	26 50	3 20	19 56	0 39	23 49	0 17	12 16	2 28	11 11	0 26	16 49	0 56	27 25	3 41	22 24	22 34	25 36			n.a.
T 6	15 4	25 39	3 5	19 54	0 18	26 50	3 18	20 6	0 39	23 50	0 17	12 16	2 28	11 10	0 26	16 49	0 56	27 25	3 41	22 24	22 34	25 37			n.a.
W 7	15 22	23 59	4 2	19 39	0 3	26 50	3 16	20 15	0 40	23 51	0 17	12 16	2 28	11 9	0 26	16 48	0 56	27 25	3 41	22 24	22 33	25 37			n.a.
T 8	15 40	20 51	4 43	19 21	0s13	26 49	3 13	20 25	0 40	23 51	0 18	12 16	2 28	11 8	0 26	16 48	0 56	27 25	3 41	22 24	22 33	25 38			n.a.
F 9	15 58	16 36	5 7	19 3	0 29	26 48	3 10	20 35	0 41	23 52	0 18	12 16	2 28	11 8	0 26	16 48	0 56	27 25	3 41	22 24	22 33	25 39			n.a.
S 10	16 15	11 34	5 13	18 43	0 46	26 46	3 6	20 44	0 41	23 53	0 18	12 16	2 27	11 7	0 26	16 48	0 56	27 25	3 41	22 23	22 32	25 39			n.a.
S 11	16 32	6 6	5 3	18 22	1 3	26 43	3 3	20 53	0 41	23 53	0 18	12 15	2 27	11 6	0 26	16 48	0 57	27 25	3 41	22 23	22 32	25 40			n.a.
M12	16 49	0 27	4 36	18 0	1 20	26 41	2 59	21 2	0 42	23 54	0 18	12 15	2 27	11 5	0 26	16 48	0 57	27 25	3 41	22 23	22 31	25 40			n.a.
T 13	17 6	5n 8	3 56	17 38	1 37	26 37	2 55	21 11	0 42	23 55	0 18	12 15	2 27	11 4	0 26	16 48	0 57	27 25	3 41	22 22	22 31	25 41			n.a.
W14	17 22	10 25	3 5	17 14	1 53	26 33	2 50	21 20	0 43	23 55	0 18	12 15	2 27	11 3	0 26	16 48	0 57	27 25	3 41	22 21	22 31	25 41			n.a.
T 15	17 38	15 12	2 6	16 51	2 10	26 29	2 46	21 28	0 43	23 56	0 18	12 14	2 26	11 3	0 26	16 48	0 57	27 25	3 41	22 21	22 30	25 42			n.a.
F 16	17 54	19 18	1 2	16 28	2 26	26 24	2 41	21 37	0 44	23 56	0 18	12 14	2 26	11 2	0 26	16 48	0 57	27 25	3 41	22 21	22 30	25 42			n.a.
S 17	18 9	22 32	0n 4	16 4	2 41	26 19	2 35	21 45	0 44	23 57	0 18	12 14	2 26	11 1	0 26	16 48	0 57	27 25	3 41	22 21	22 29	25 43			n.a.
S 18	18 24	24 44	1 10	15 42	2 55	26 14	2 30	21 53	0 44	23 57	0 18	12 13	2 26	11 0	0 26	16 48	0 57	27 25	3 41	22 21	22 29	25 43			n.a.
M19	18 39	25 49	2 11	15 20	3 9	26 8	2 24	22 1	0 45	23 58	0 18	12 13	2 26	10 59	0 26	16 48	0 57	27 25	3 41	22 21	22 28	25 44			n.a.
T 20	18 54	25 43	3 8	14 59	3 21	26 1	2 17	22 8	0 45	23 58	0 18	12 12	2 25	10 59	0 26	16 48	0 57	27 25	3 41	22 21	22 28	25 44			n.a.
W21	19 8	24 27	3 56	14 40	3 32	25 54	2 11	22 16	0 46	23 59	0 18	12 12	2 25	10 58	0 26	16 48	0 57	27 25	3 41	22 21	22 28	25 44			n.a.
T 22	19 22	22 5	4 34	14 22	3 43	25 47	2 4	22 23	0 46	23 59	0 19	12 11	2 25	10 57	0 26	16 48	0 57	27 25	3 41	22 22	22 27	25 45			n.a.
F 23	19 36	18 43	5 1	14 6	3 51	25 39	1 56	22 30	0 46	24 0	0 19	12 11	2 25	10 56	0 26	16 48	0 57	27 25	3 41	22 22	22 27	25 45			n.a.
S 24	19 49	14 30	5 15	13 52	3 59	25 31	1 49	22 37	0 47	24 0	0 19	12 10	2 25	10 56	0 26	16 48	0 57	27 25	3 41	22 22	22 26	25 46			n.a.
S 25	20 2	9 33	5 14	13 40	4 5	25 23	1 40	22 44	0 47	24 0	0 19	12 10	2 24	10 55	0 26	16 48	0 57	27 25	3 41	22 22	22 26	25 46			n.a.
M26	20 15	4 2	4 57	13 30	4 9	25 14	1 32	22 50	0 48	24 1	0 19	12 9	2 24	10 54	0 26	16 48	0 57	27 25	3 41	22 21	22 25	25 47			n.a.
T 27	20 27	1s50	4 23	13 23	4 13	25 5	1 23	22 57	0 48	24 1	0 19	12 8	2 24	10 53	0 26	16 48	0 57	27 25	3 41	22 21	22 25	25 47			n.a.
W28	20 39	7 49	3 33	13 18	4 15	24 56	1 14	23 3	0 48	24 1	0 19	12 7	2 24	10 53	0 26	16 48	0 57	27 25	3 41	22 21	22 24	25 47			n.a.
T 29	20 51	13 35	2 28	13 16	4 15	24 46	1 4	23 9	0 49	24 2	0 19	12 7	2 23	10 52	0 26	16 48	0 57	27 25	3 41	22 21	22 24	25 48			n.a.
F 30	21 2	18 43	1 12	13 16	4 14	24 35	0 54	23 15	0 49	24 2	0 19	12 6	2 23	10 51	0 26	16 48	0 57	27 25	3 41	22 21	22 24	25 48			n.a.
S 31	21n13	22s44	0s10	13n18	4s12	24n25	0n44	23n21	0n49	24n 2	0n19	12n 5	2n23	10s51	0n26	16s48	0s57	27n25	3n41	22n21	22n23	25n49			n.a.

Julian Day Number = 1616351.5, Delta T = 03h50m11s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'34, Lahiri = - 7°55'33 Julian Calendar 1 May 288 BCE == Greg. Calendar 27 Apr. 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

JUNE 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 20 14	5♊ 0'53	27♐35	17♉56	3°R14	12♊49	28♊18	4♍50	28°R57	17°R 7	1♋14	10♊53	11♊ 5	8♋ 0	n.a.	S 1
M 2	16 24 10	5°57'58	12♑32	18° 8	3♋12	13°28	28°31	4°52	28♎56	17♒ 7	1°15	10°53	11° 2	8° 7	n.a.	M 2
T 3	16 28 7	6°55'04	27°18	18°26	3° 7	14° 6	28°43	4°54	28°54	17° 7	1°17	10°53	10°59	8°13	n.a.	T 3
W 4	16 32 4	7°52'09	11♒49	18°49	3° 0	14°45	28°56	4°56	28°52	17° 7	1°18	10°54	10°56	8°20	n.a.	W 4
T 5	16 36 0	8°49'15	26° 1	19°16	2°51	15°24	29° 9	4°58	28°50	17° 6	1°20	10°54	10°52	8°26	n.a.	T 5
F 6	16 39 57	9°46'22	9♓51	19°49	2°40	16° 3	29°22	5° 1	28°49	17° 6	1°21	10°R54	10°49	8°33	n.a.	F 6
S 7	16 43 53	10°43'29	23°19	20°27	2°26	16°41	29°35	5° 3	28°47	17° 5	1°23	10°D54	10°46	8°40	n.a.	S 7
S 8	16 47 50	11°40'36	6♈28	21° 9	2°10	17°20	29°48	5° 6	28°45	17° 5	1°25	10°54	10°43	8°46	n.a.	S 8
M 9	16 51 46	12°37'44	19°18	21°57	1°51	17°59	0♋ 0	5° 8	28°44	17° 5	1°26	10°54	10°40	8°53	n.a.	M 9
T 10	16 55 43	13°34'53	1♉52	22°49	1°30	18°37	0°13	5°11	28°42	17° 4	1°28	10°54	10°37	9° 0	n.a.	T 10
W11	16 59 39	14°32'02	14°14	23°46	1° 8	19°16	0°26	5°14	28°41	17° 4	1°30	10°54	10°33	9° 6	n.a.	W11
T 12	17 3 36	15°29'11	26°24	24°48	0°43	19°55	0°39	5°17	28°39	17° 3	1°31	10°55	10°30	9°13	n.a.	T 12
F 13	17 7 33	16°26'21	8♊25	25°54	0°16	20°33	0°52	5°20	28°38	17° 2	1°33	10°R55	10°27	9°20	n.a.	F 13
S 14	17 11 29	17°23'32	20°20	27° 5	29♊47	21°12	1° 5	5°23	28°37	17° 2	1°34	10°55	10°24	9°26	n.a.	S 14
S 15	17 15 26	18°20'43	2♋11	28°20	29°16	21°51	1°19	5°26	28°35	17° 1	1°36	10°54	10°21	9°33	n.a.	S 15
M16	17 19 22	19°17'55	13°59	29°40	28°44	22°29	1°32	5°29	28°34	17° 0	1°38	10°54	10°17	9°40	n.a.	M16
T 17	17 23 19	20°15'07	25°47	1♊ 4	28°11	23° 8	1°45	5°33	28°33	17° 0	1°39	10°52	10°14	9°46	n.a.	T 17
W18	17 27 15	21°12'19	7♌39	2°32	27°36	23°46	1°58	5°36	28°32	16°59	1°41	10°51	10°11	9°53	n.a.	W18
T 19	17 31 12	22° 9'32	19°37	4° 4	27° 1	24°25	2°11	5°40	28°30	16°58	1°43	10°50	10° 8	10° 0	n.a.	T 19
F 20	17 35 9	23° 6'45	1♍44	5°40	26°24	25° 3	2°24	5°43	28°29	16°57	1°45	10°48	10° 5	10° 6	n.a.	F 20
S 21	17 39 5	24° 3'59	14° 5	7°20	25°47	25°42	2°37	5°47	28°28	16°57	1°46	10°48	10° 2	10°13	n.a.	S 21
S 22	17 43 2	25° 1'13	26°44	9° 4	25°10	26°20	2°51	5°51	28°27	16°56	1°48	10°D47	9°58	10°20	n.a.	S 22
M23	17 46 58	25°58'27	9♎44	10°51	24°33	26°59	3° 4	5°55	28°26	16°55	1°50	10°48	9°55	10°26	n.a.	M23
T 24	17 50 55	26°55'42	23° 8	12°42	23°56	27°37	3°17	5°59	28°25	16°54	1°51	10°49	9°52	10°33	n.a.	T 24
W25	17 54 51	27°52'58	6♏59	14°35	23°19	28°16	3°30	6° 3	28°24	16°53	1°53	10°50	9°49	10°40	n.a.	W25
T 26	17 58 48	28°50'14	21°16	16°31	22°43	28°54	3°43	6° 7	28°24	16°52	1°55	10°51	9°46	10°46	n.a.	T 26
F 27	18 2 44	29°47'31	5♐57	18°29	22° 8	29°33	3°57	6°11	28°23	16°51	1°56	10°R52	9°43	10°53	n.a.	F 27
S 28	18 6 41	0♋44'48	20°57	20°29	21°34	0♋11	4°10	6°15	28°22	16°50	1°58	10°51	9°39	11° 0	n.a.	S 28
S 29	18 10 38	1°42'07	6♑ 8	22°31	21° 1	0°49	4°23	6°20	28°21	16°49	2° 0	10°50	9°36	11° 6	n.a.	S 29
M30	18 14 34	2♋39'26	21♑21	24♊34	20♊29	1♋28	4♋36	6♍24	28♎21	16♒48	2♋ 1	10♊48	9♊33	11♋13	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n24	25s14	1s31	13n23	4s 9	24n14	0n33	23n26	0n50	24n 3	0n19	12n 4	2n23	10s50	0n26	16s48	0s57	27n25	3n41	22n21	22n23	25n49		n.a.
M 2	21 34	25 54	2 47	13 31	4 5	24 3	0 21	23 31	0 50	24 3	0 19	12 3	2 23	10 49	0 26	16 48	0 57	27 25	3 42	22 21	22 22	25 49		n.a.
T 3	21 44	24 43	3 50	13 41	4 0	23 51	0 10	23 36	0 51	24 3	0 20	12 2	2 22	10 49	0 26	16 48	0 57	27 25	3 42	22 21	22 22	25 50		n.a.
W 4	21 53	21 53	4 38	13 53	3 54	23 40	0s 2	23 41	0 51	24 3	0 20	12 1	2 22	10 48	0 26	16 49	0 58	27 25	3 42	22 21	22 21	25 50		n.a.
T 5	22 2	17 48	5 7	14 8	3 47	23 28	0 14	23 46	0 51	24 3	0 20	12 0	2 22	10 48	0 26	16 49	0 58	27 25	3 42	22 21	22 21	25 50		n.a.
F 6	22 11	12 51	5 17	14 24	3 39	23 15	0 27	23 51	0 52	24 4	0 20	11 59	2 22	10 47	0 26	16 49	0 58	27 25	3 42	22 21	22 20	25 51		n.a.
S 7	22 20	7 25	5 10	14 42	3 30	23 2	0 40	23 55	0 52	24 4	0 20	11 58	2 22	10 47	0 26	16 49	0 58	27 25	3 42	22 21	22 20	25 51		n.a.
S 8	22 28	1 47	4 47	15 3	3 20	22 50	0 53	23 59	0 52	24 4	0 20	11 57	2 21	10 46	0 26	16 49	0 58	27 25	3 42	22 21	22 19	25 51		n.a.
M 9	22 35	3n48	4 9	15 25	3 10	22 36	1 7	24 3	0 53	24 4	0 20	11 56	2 21	10 45	0 26	16 49	0 58	27 25	3 42	22 21	22 19	25 52		n.a.
T 10	22 42	9 8	3 20	15 48	3 0	22 23	1 20	24 7	0 53	24 4	0 20	11 54	2 21	10 45	0 26	16 50	0 58	27 25	3 42	22 21	22 19	25 52		n.a.
W11	22 49	14 2	2 23	16 14	2 48	22 9	1 34	24 11	0 53	24 4	0 20	11 53	2 21	10 44	0 25	16 50	0 58	27 25	3 42	22 21	22 18	25 52		n.a.
T 12	22 56	18 17	1 20	16 40	2 37	21 55	1 48	24 14	0 54	24 4	0 20	11 52	2 21	10 44	0 25	16 50	0 58	27 25	3 42	22 21	22 18	25 53		n.a.
F 13	23 2	21 45	0 14	17 7	2 25	21 41	2 2	24 17	0 54	24 4	0 20	11 50	2 20	10 43	0 25	16 50	0 58	27 25	3 42	22 21	22 17	25 53		n.a.
S 14	23 7	24 14	0n52	17 36	2 12	21 27	2 17	24 20	0 54	24 4	0 20	11 49	2 20	10 43	0 25	16 50	0 58	27 25	3 42	22 21	22 17	25 53		n.a.
S 15	23 13	25 38	1 55	18 5	2 0	21 13	2 31	24 23	0 55	24 4	0 21	11 48	2 20	10 42	0 25	16 51	0 58	27 25	3 42	22 21	22 16	25 53		n.a.
M16	23 18	25 52	2 53	18 35	1 47	20 59	2 45	24 26	0 55	24 4	0 21	11 46	2 20	10 42	0 25	16 51	0 58	27 25	3 42	22 21	22 16	25 54		n.a.
T 17	23 22	24 55	3 44	19 6	1 34	20 44	2 59	24 28	0 55	24 4	0 21	11 45	2 20	10 42	0 25	16 51	0 58	27 25	3 42	22 21	22 15	25 54		n.a.
W18	23 26	22 51	4 25	19 36	1 20	20 30	3 13	24 31	0 56	24 4	0 21	11 43	2 19	10 41	0 25	16 51	0 58	27 25	3 42	22 21	22 15	25 54		n.a.
T 19	23 30	19 47	4 55	20 7	1 7	20 15	3 27	24 33	0 56	24 4	0 21	11 42	2 19	10 41	0 25	16 52	0 58	27 25	3 42	22 20	22 14	25 55		n.a.
F 20	23 33	15 50	5 13	20 37	0 54	20 1	3 40	24 35	0 56	24 3	0 21	11 40	2 19	10 40	0 25	16 52	0 58	27 25	3 42	22 20	22 14	25 55		n.a.
S 21	23 36	11 11	5 16	21 7	0 41	19 47	3 53	24 36	0 57	24 3	0 21	11 39	2 19	10 40	0 25	16 52	0 58	27 25	3 42	22 20	22 13	25 55		n.a.
S 22	23 38	5 58	5 4	21 37	0 28	19 33	4 6	24 38	0 57	24 3	0 21	11 37	2 19	10 40	0 25	16 53	0 58	27 25	3 42	22 20	22 13	25 55		n.a.
M23	23 40	0 20	4 37	22 5	0 16	19 19	4 18	24 39	0 57	24 3	0 21	11 36	2 19	10 39	0 25	16 53	0 58	27 25	3 42	22 20	22 13	25 55		n.a.
T 24	23 42	5s28	3 54	22 32	0 4	19 6	4 30	24 40	0 58	24 3	0 21	11 34	2 18	10 39	0 25	16 53	0 58	27 26	3 42	22 20	22 12	25 56		n.a.
W25	23 43	11 14	2 57	22 58	0n 8	18 53	4 41	24 41	0 58	24 2	0 21	11 32	2 18	10 39	0 25	16 53	0 58	27 26	3 43	22 20	22 12	25 56		n.a.
T 26	23 44	16 35	1 46	23 22	0 20	18 41	4 51	24 42	0 58	24 2	0 21	11 31	2 18	10 39	0 25	16 54	0 58	27 26	3 43	22 21	22 11	25 56		n.a.
F 27	23 44	21 7	0 27	23 44	0 30	18 29	5 1	24 42	0 59	24 2	0 22	11 29	2 18	10 38	0 25	16 54	0 58	27 26	3 43	22 21	22 11	25 56		n.a.
S 28	23 44	24 20	0s55	24 3	0 41	18 17	5 11	24 43	0 59	24 2	0 22	11 27	2 18	10 38	0 25	16 54	0 58	27 26	3 43	22 21	22 10	25 56		n.a.
S 29	23 43	25 50	2 15	24 21	0 50	18 6	5 20	24 43	0 59	24 1	0 22	11 25	2 17	10 38	0 25	16 55	0 59	27 26	3 43	22 21	22 10	25 57		n.a.
M30	23n42	25s23	3s25	24n36	0n59	17n56	5s28	24n43	0n59	24n 1	0n22	11n24	2n17	10s38	0n25	16s55	0s59	27n26	3n43	22n20	22n 9	25n57		n.a.

Julian Day Number = 1616382.5, Delta T = 03h50m10s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'29, Lahiri = - 7°55'29 Julian Calendar 1 June 288 BCE == Greg. Calendar 28 May 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

JULY 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 18 31	3♋36'47	6♒25	26♊38	20°R 0	2♋ 6	4♋49	6♍28	28°R20	16°R47	2♋ 3	10°R45	9♊30	11♋20	n.a.	T 1
W 2	18 22 27	4°34'09	21°13	28°43	19♊32	2°44	5° 3	6°33	28♎20	16♒46	2° 5	10♊42	9°27	11°26	n.a.	W 2
T 3	18 26 24	5°31'32	5♓37	0♋48	19° 6	3°23	5°16	6°38	28°19	16°45	2° 7	10°40	9°23	11°33	n.a.	T 3
F 4	18 30 20	6°28'56	19°35	2°53	18°42	4° 1	5°29	6°42	28°19	16°44	2° 8	10°38	9°20	11°40	n.a.	F 4
S 5	18 34 17	7°26'22	3♈ 6	4°58	18°20	4°39	5°42	6°47	28°18	16°42	2°10	10°D37	9°17	11°46	n.a.	S 5
S 6	18 38 13	8°23'49	16°12	7° 2	18° 1	5°18	5°56	6°52	28°18	16°41	2°12	10°37	9°14	11°53	n.a.	S 6
M 7	18 42 10	9°21'18	28°55	9° 6	17°44	5°56	6° 9	6°57	28°18	16°40	2°13	10°38	9°11	12° 0	n.a.	M 7
T 8	18 46 7	10°18'48	11♉20	11° 9	17°29	6°34	6°22	7° 2	28°18	16°39	2°15	10°39	9° 8	12° 6	n.a.	T 8
W 9	18 50 3	11°16'19	23°30	13°12	17°17	7°13	6°35	7° 7	28°17	16°38	2°17	10°41	9° 4	12°13	n.a.	W 9
T 10	18 54 0	12°13'52	5♊30	15°13	17° 7	7°51	6°49	7°12	28°17	16°36	2°18	10°R42	9° 1	12°20	n.a.	T 10
F 11	18 57 56	13°11'27	17°23	17°13	16°59	8°29	7° 2	7°17	28°17	16°35	2°20	10°42	8°58	12°26	n.a.	F 11
S 12	19 1 53	14° 9'03	29°13	19°11	16°54	9° 8	7°15	7°22	28°D17	16°34	2°22	10°40	8°55	12°33	n.a.	S 12
S 13	19 5 49	15° 6'40	11♌ 1	21° 9	16°51	9°46	7°28	7°27	28°17	16°32	2°23	10°37	8°52	12°40	n.a.	S 13
M14	19 9 46	16° 4'19	22°50	23° 5	16°D50	10°24	7°41	7°33	28°17	16°31	2°25	10°32	8°49	12°46	n.a.	M14
T 15	19 13 42	17° 1'59	4♎42	25° 0	16°52	11° 3	7°55	7°38	28°17	16°30	2°27	10°26	8°45	12°53	n.a.	T 15
W16	19 17 39	17°59'40	16°38	26°53	16°56	11°41	8° 8	7°44	28°18	16°28	2°28	10°19	8°42	13° 0	n.a.	W16
T 17	19 21 36	18°57'23	28°42	28°45	17° 2	12°19	8°21	7°49	28°18	16°27	2°30	10°13	8°39	13° 7	n.a.	T 17
F 18	19 25 32	19°55'07	10♍55	0♎35	17°11	12°57	8°34	7°55	28°18	16°25	2°32	10° 6	8°36	13°13	n.a.	F 18
S 19	19 29 29	20°52'52	23°19	2°24	17°21	13°36	8°47	8° 0	28°19	16°24	2°33	10° 2	8°33	13°20	n.a.	S 19
S 20	19 33 25	21°50'38	5♏57	4°12	17°34	14°14	9° 0	8° 6	28°19	16°22	2°35	9°59	8°29	13°27	n.a.	S 20
M21	19 37 22	22°48'26	18°54	5°58	17°48	14°52	9°13	8°12	28°19	16°21	2°37	9°D57	8°26	13°33	n.a.	M21
T 22	19 41 18	23°46'15	2♏11	7°43	18° 5	15°30	9°26	8°18	28°20	16°19	2°38	9°58	8°23	13°40	n.a.	T 22
W23	19 45 15	24°44'06	15°52	9°26	18°23	16° 8	9°39	8°24	28°20	16°18	2°40	9°59	8°20	13°47	n.a.	W23
T 24	19 49 11	25°41'57	29°57	11° 8	18°44	16°47	9°52	8°30	28°21	16°16	2°41	10° 0	8°17	13°53	n.a.	T 24
F 25	19 53 8	26°39'50	14♐28	12°49	19° 6	17°25	10° 5	8°36	28°22	16°15	2°43	10°R 0	8°14	14° 0	n.a.	F 25
S 26	19 57 5	27°37'45	29°19	14°28	19°30	18° 3	10°18	8°42	28°22	16°13	2°45	9°59	8°10	14° 7	n.a.	S 26
S 27	20 1 1	28°35'41	14♑26	16° 6	19°55	18°41	10°31	8°48	28°23	16°12	2°46	9°55	8° 7	14°13	n.a.	S 27
M28	20 4 58	29°33'39	29°40	17°43	20°22	19°19	10°44	8°54	28°24	16°10	2°48	9°50	8° 4	14°20	n.a.	M28
T 29	20 8 54	0♎31'39	14♒51	19°19	20°51	19°58	10°57	9° 0	28°25	16° 9	2°49	9°42	8° 1	14°27	n.a.	T 29
W30	20 12 51	1°29'40	29°48	20°53	21°21	20°36	11° 9	9° 6	28°26	16° 7	2°51	9°35	7°58	14°33	n.a.	W30
T 31	20 16 47	2♎27'43	14♓22	22♎26	21♊53	21♋14	11♋22	9♍12	28♎27	16♒ 6	2♋52	9♊27	7♊55	14♋40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n41	23s 5	4s20	24n48	1n 7	17n47	5s35	24n43	1n 0	24n 0	0n22	11n22	2n17	10s38	0n25	16s56	0s59	27n26	3n43	22n20	22n 9	25n57			n.a.
W 2	23 39	19 16	4 57	24 58	1 15	17 38	5 42	24 42	1 0	24 0	0 22	11 20	2 17	10 37	0 25	16 56	0 59	27 26	3 43	22 19	22 8	25 57			n.a.
T 3	23 37	14 24	5 13	25 5	1 21	17 30	5 48	24 42	1 0	24 0	0 22	11 18	2 17	10 37	0 25	16 56	0 59	27 26	3 43	22 19	22 8	25 57			n.a.
F 4	23 34	8 55	5 11	25 9	1 27	17 22	5 53	24 41	1 1	23 59	0 22	11 16	2 17	10 37	0 25	16 57	0 59	27 26	3 43	22 19	22 7	25 57			n.a.
S 5	23 31	3 11	4 51	25 11	1 32	17 16	5 58	24 40	1 1	23 59	0 22	11 14	2 17	10 37	0 25	16 57	0 59	27 26	3 43	22 19	22 7	25 58			n.a.
S 6	23 28	2n31	4 16	25 9	1 37	17 10	6 2	24 39	1 1	23 58	0 22	11 12	2 16	10 37	0 25	16 57	0 59	27 26	3 43	22 19	22 6	25 58			n.a.
M 7	23 24	7 58	3 30	25 5	1 40	17 5	6 6	24 37	1 1	23 58	0 23	11 10	2 16	10 37	0 25	16 58	0 59	27 26	3 43	22 19	22 6	25 58			n.a.
T 8	23 19	12 58	2 34	24 58	1 43	17 1	6 9	24 36	1 2	23 57	0 23	11 8	2 16	10 37	0 25	16 58	0 59	27 26	3 43	22 19	22 5	25 58			n.a.
W 9	23 15	17 23	1 33	24 49	1 45	16 58	6 11	24 34	1 2	23 57	0 23	11 6	2 16	10 37	0 25	16 59	0 59	27 26	3 44	22 19	22 5	25 58			n.a.
T 10	23 10	21 1	0 28	24 37	1 47	16 55	6 13	24 32	1 2	23 56	0 23	11 4	2 16	10 37	0 25	16 59	0 59	27 26	3 44	22 19	22 4	25 58			n.a.
F 11	23 4	23 44	0n37	24 23	1 48	16 53	6 14	24 30	1 3	23 55	0 23	11 2	2 16	10 37	0 25	17 0	0 59	27 26	3 44	22 19	22 4	25 58			n.a.
S 12	22 58	25 23	1 39	24 7	1 48	16 52	6 15	24 27	1 3	23 55	0 23	11 0	2 15	10 37	0 25	17 0	0 59	27 26	3 44	22 19	22 3	25 58			n.a.
S 13	22 52	25 53	2 38	23 49	1 48	16 51	6 15	24 25	1 3	23 54	0 23	10 58	2 15	10 37	0 25	17 0	0 59	27 26	3 44	22 19	22 3	25 58			n.a.
M14	22 45	25 13	3 30	23 29	1 46	16 51	6 15	24 22	1 3	23 53	0 23	10 56	2 15	10 37	0 25	17 1	0 59	27 26	3 44	22 18	22 2	25 59			n.a.
T 15	22 38	23 24	4 12	23 7	1 45	16 52	6 14	24 19	1 4	23 53	0 23	10 54	2 15	10 37	0 25	17 1	0 59	27 27	3 44	22 17	22 2	25 59			n.a.
W16	22 30	20 33	4 44	22 43	1 43	16 54	6 13	24 16	1 4	23 52	0 23	10 51	2 15	10 37	0 24	17 2	0 59	27 27	3 44	22 16	22 1	25 59			n.a.
T 17	22 22	16 48	5 4	22 18	1 40	16 56	6 11	24 13	1 4	23 51	0 24	10 49	2 15	10 37	0 24	17 2	0 59	27 27	3 44	22 15	22 1	25 59			n.a.
F 18	22 14	12 20	5 10	21 51	1 37	16 58	6 10	24 10	1 4	23 51	0 24	10 47	2 15	10 37	0 24	17 3	0 59	27 27	3 44	22 14	22 0	25 59			n.a.
S 19	22 5	7 17	5 2	21 23	1 33	17 2	6 7	24 6	1 5	23 50	0 24	10 45	2 15	10 37	0 24	17 3	0 59	27 27	3 44	22 13	22 0	25 59			n.a.
S 20	21 56	1 52	4 39	20 53	1 30	17 5	6 5	24 2	1 5	23 49	0 24	10 42	2 14	10 38	0 24	17 4	0 59	27 27	3 45	22 13	21 59	25 59			n.a.
M21	21 47	3s46	4 1	20 23	1 25	17 9	6 2	23 58	1 5	23 48	0 24	10 40	2 14	10 38	0 24	17 4	0 59	27 27	3 45	22 13	21 59	25 59			n.a.
T 22	21 37	9 24	3 10	19 51	1 20	17 14	5 59	23 54	1 5	23 47	0 24	10 38	2 14	10 38	0 24	17 5	0 59	27 27	3 45	22 13	21 58	25 59			n.a.
W23	21 26	14 46	2 7	19 19	1 15	17 19	5 56	23 50	1 6	23 47	0 24	10 35	2 14	10 38	0 24	17 5	0 59	27 27	3 45	22 13	21 58	25 59			n.a.
T 24	21 16	19 30	0 54	18 46	1 10	17 24	5 52	23 45	1 6	23 46	0 24	10 33	2 14	10 38	0 24	17 6	0 59	27 27	3 45	22 13	21 57	25 59			n.a.
F 25	21 5	23 13	0s24	18 12	1 4	17 30	5 48	23 40	1 6	23 45	0 24	10 31	2 14	10 39	0 24	17 6	0 59	27 27	3 45	22 13	21 57	25 59			n.a.
S 26	20 53	25 26	1 42	17 37	0 58	17 35	5 44	23 35	1 6	23 44	0 25	10 28	2 14	10 39	0 24	17 6	0 59	27 27	3 45	22 13	21 56	25 59			n.a.
S 27	20 42	25 50	2 55	17 1	0 52	17 42	5 40	23 30	1 6	23 43	0 25	10 26	2 14	10 39	0 24	17 7	0 59	27 27	3 45	22 12	21 56	25 59			n.a.
M28	20 29	24 18	3 55	16 25	0 45	17 48	5 36	23 25	1 7	23 42	0 25	10 23	2 14	10 40	0 24	17 7	0 59	27 27	3 45	22 12	21 55	25 59			n.a.
T 29	20 17	21 0	4 39	15 49	0 38	17 54	5 31	23 20	1 7	23 41	0 25	10 21	2 13	10 40	0 24	17 8	0 59	27 28	3 46	22 11	21 55	25 59			n.a.
W30	20 4	16 23	5 2	15 12	0 31	18 1	5 26	23 14	1 7	23 40	0 25	10 18	2 13	10 40	0 24	17 8	0 59	27 28	3 46	22 9	21 54	25 59			n.a.
T 31	19n51	10s55	5s 5	14n35	0n24	18n 8	5s21	23n 8	1n 7	23n39	0n25	10n16	2n13	10s41	0n24	17s 9	0s59	27n28	3n46	22n 8	21n54	25n59			n.a.

Julian Day Number = 1616412.5, Delta T = 03h50m09s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'25, Lahiri = - 7°55'25 Julian Calendar 1 July 288 BCE == Greg. Calendar 27 June 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

AUGUST 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 20 44	3♌25'48	28♓29	23♌57	22♊26	21♋52	11♋35	9♍19	28♎28	16°R 4	2♋54	9°R21	7♊51	14♋47	n.a.	F 1
S 2	20 24 40	4°23'55	12♈ 7	25°27	23° 0	22°30	11°48	9°25	28°29	16♒ 2	2°55	9♊16	7°48	14°53	n.a.	S 2
S 3	20 28 37	5°22'04	25°15	26°56	23°36	23° 8	12° 0	9°31	28°30	16° 1	2°57	9°14	7°45	15° 0	n.a.	S 3
M 4	20 32 34	6°20'16	7♉59	28°24	24°13	23°47	12°13	9°38	28°31	15°59	2°58	9°D14	7°42	15° 7	n.a.	M 4
T 5	20 36 30	7°18'29	20°21	29°50	24°51	24°25	12°26	9°44	28°32	15°57	3° 0	9°14	7°39	15°13	n.a.	T 5
W 6	20 40 27	8°16'45	2♊28	1♍15	25°30	25° 3	12°38	9°51	28°34	15°56	3° 1	9°15	7°35	15°20	n.a.	W 6
T 7	20 44 23	9°15'03	14°23	2°39	26°11	25°41	12°51	9°57	28°35	15°54	3° 3	9°R15	7°32	15°27	n.a.	T 7
F 8	20 48 20	10°13'23	26°13	4° 1	26°52	26°19	13° 3	10° 4	28°36	15°53	3° 4	9°13	7°29	15°33	n.a.	F 8
S 9	20 52 16	11°11'45	8♋ 0	5°22	27°35	26°57	13°16	10°11	28°38	15°51	3° 5	9°10	7°26	15°40	n.a.	S 9
S 10	20 56 13	12°10'09	19°49	6°41	28°18	27°36	13°28	10°17	28°39	15°49	3° 7	9° 3	7°23	15°47	n.a.	S 10
M11	21 0 9	13° 8'35	1♌42	7°59	29° 3	28°14	13°40	10°24	28°41	15°48	3° 8	8°54	7°20	15°53	n.a.	M11
T 12	21 4 6	14° 7'04	13°40	9°15	29°48	28°52	13°53	10°31	28°42	15°46	3°10	8°43	7°16	16° 0	n.a.	T 12
W13	21 8 3	15° 5'34	25°47	10°29	0♋35	29°30	14° 5	10°38	28°44	15°44	3°11	8°31	7°13	16° 7	n.a.	W13
T 14	21 11 59	16° 4'06	8♍ 1	11°42	1°22	0♌ 8	14°17	10°44	28°45	15°43	3°12	8°18	7°10	16°13	n.a.	T 14
F 15	21 15 56	17° 2'40	20°25	12°53	2°10	0°46	14°29	10°51	28°47	15°41	3°14	8° 7	7° 7	16°20	n.a.	F 15
S 16	21 19 52	18° 1'16	3♎ 0	14° 2	2°59	1°24	14°41	10°58	28°49	15°39	3°15	7°57	7° 4	16°27	n.a.	S 16
S 17	21 23 49	18°59'54	15°46	15°10	3°48	2° 3	14°53	11° 5	28°51	15°38	3°16	7°51	7° 0	16°33	n.a.	S 17
M18	21 27 45	19°58'33	28°46	16°15	4°39	2°41	15° 5	11°12	28°53	15°36	3°17	7°46	6°57	16°40	n.a.	M18
T 19	21 31 42	20°57'15	12♏ 2	17°17	5°30	3°19	15°17	11°19	28°54	15°34	3°19	7°45	6°54	16°47	n.a.	T 19
W20	21 35 38	21°55'58	25°36	18°18	6°21	3°57	15°29	11°26	28°56	15°33	3°20	7°D44	6°51	16°53	n.a.	W20
T 21	21 39 35	22°54'43	9♐30	19°15	7°14	4°35	15°41	11°33	28°58	15°31	3°21	7°R45	6°48	17° 0	n.a.	T 21
F 22	21 43 32	23°53'30	23°45	20°10	8° 7	5°13	15°52	11°40	29° 0	15°29	3°22	7°44	6°45	17° 7	n.a.	F 22
S 23	21 47 28	24°52'18	8♑19	21° 2	9° 0	5°51	16° 4	11°47	29° 2	15°28	3°23	7°41	6°41	17°13	n.a.	S 23
S 24	21 51 25	25°51'09	23° 9	21°51	9°55	6°30	16°16	11°54	29° 5	15°26	3°24	7°36	6°38	17°20	n.a.	S 24
M25	21 55 21	26°50'02	8♒ 8	22°36	10°50	7° 8	16°27	12° 1	29° 7	15°25	3°26	7°27	6°35	17°27	n.a.	M25
T 26	21 59 18	27°48'56	23° 8	23°18	11°45	7°46	16°38	12° 8	29° 9	15°23	3°27	7°17	6°32	17°34	n.a.	T 26
W27	22 3 14	28°47'52	7♓59	23°55	12°41	8°24	16°50	12°15	29°11	15°21	3°28	7° 6	6°29	17°40	n.a.	W27
T 28	22 7 11	29°46'51	22°33	24°28	13°38	9° 2	17° 1	12°22	29°13	15°20	3°29	6°55	6°26	17°47	n.a.	T 28
F 29	22 11 7	0♍45'52	6♈42	24°56	14°35	9°40	17°12	12°29	29°16	15°18	3°30	6°45	6°22	17°54	n.a.	F 29
S 30	22 15 4	1°44'55	20°23	25°19	15°33	10°18	17°23	12°37	29°18	15°17	3°31	6°37	6°19	18° 0	n.a.	S 30
S 31	22 19 0	2♍44'00	3♉36	25♍37	16♋31	10♌57	17♋35	12♍44	29♎21	15♒15	3♋32	6♊33	6♊16	18♋ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n37	5s 2	4s50	13n58	0n17	18n15	5s16	23n 3	1n 8	23n38	0n25	10n13	2n13	10s41	0n24	17s 9	0s59	27n28	3n46	22n 7	21n53	25n59		n.a.
S 2	19 24	0n53	4 18	13 20	0 9	18 22	5 11	22 56	1 8	23 37	0 25	10 11	2 13	10 41	0 24	17 10	0 59	27 28	3 46	22 7	21 53	25 59		n.a.
S 3	19 9	6 35	3 34	12 42	0 1	18 29	5 6	22 50	1 8	23 36	0 26	10 8	2 13	10 42	0 24	17 10	0 59	27 28	3 46	22 6	21 52	25 58		n.a.
M 4	18 55	11 49	2 40	12 4	0s 7	18 36	5 0	22 44	1 8	23 35	0 26	10 6	2 13	10 42	0 24	17 11	0 59	27 28	3 46	22 6	21 52	25 58		n.a.
T 5	18 40	16 27	1 40	11 26	0 15	18 43	4 55	22 37	1 8	23 34	0 26	10 3	2 13	10 43	0 24	17 12	0 59	27 28	3 46	22 6	21 51	25 58		n.a.
W 6	18 25	20 19	0 36	10 48	0 23	18 50	4 49	22 30	1 9	23 33	0 26	10 1	2 13	10 43	0 24	17 12	0 59	27 28	3 47	22 6	21 51	25 58		n.a.
T 7	18 10	23 16	0n27	10 10	0 31	18 57	4 44	22 24	1 9	23 32	0 26	9 58	2 13	10 44	0 24	17 13	1 0	27 28	3 47	22 6	21 50	25 58		n.a.
F 8	17 54	25 10	1 29	9 32	0 40	19 4	4 38	22 16	1 9	23 31	0 26	9 56	2 13	10 44	0 24	17 13	1 0	27 28	3 47	22 6	21 49	25 58		n.a.
S 9	17 38	25 56	2 27	8 55	0 48	19 10	4 32	22 9	1 9	23 30	0 26	9 53	2 12	10 45	0 24	17 14	1 0	27 28	3 47	22 6	21 49	25 58		n.a.
S 10	17 21	25 31	3 19	8 17	0 57	19 17	4 26	22 2	1 9	23 29	0 26	9 50	2 12	10 45	0 24	17 14	1 0	27 29	3 47	22 5	21 48	25 58		n.a.
M11	17 5	23 57	4 2	7 40	1 5	19 23	4 20	21 54	1 10	23 28	0 27	9 48	2 12	10 46	0 24	17 15	1 0	27 29	3 47	22 3	21 48	25 58		n.a.
T 12	16 48	21 17	4 34	7 4	1 14	19 29	4 14	21 47	1 10	23 26	0 27	9 45	2 12	10 47	0 24	17 15	1 0	27 29	3 47	22 1	21 47	25 58		n.a.
W13	16 30	17 41	4 55	6 27	1 22	19 35	4 8	21 39	1 10	23 25	0 27	9 42	2 12	10 47	0 24	17 16	1 0	27 29	3 47	21 59	21 47	25 57		n.a.
T 14	16 13	13 19	5 2	5 51	1 31	19 41	4 2	21 31	1 10	23 24	0 27	9 40	2 12	10 48	0 24	17 16	1 0	27 29	3 48	21 58	21 46	25 57		n.a.
F 15	15 55	8 21	4 55	5 16	1 40	19 47	3 56	21 22	1 10	23 23	0 27	9 37	2 12	10 48	0 24	17 17	1 0	27 29	3 48	21 56	21 46	25 57		n.a.
S 16	15 37	2 59	4 34	4 42	1 48	19 52	3 50	21 14	1 11	23 22	0 27	9 34	2 12	10 49	0 24	17 17	1 0	27 29	3 48	21 54	21 45	25 57		n.a.
S 17	15 19	2s37	3 59	4 8	1 57	19 57	3 44	21 6	1 11	23 20	0 27	9 32	2 12	10 50	0 24	17 18	1 0	27 29	3 48	21 53	21 45	25 57		n.a.
M18	15 0	8 12	3 11	3 34	2 5	20 1	3 38	20 57	1 11	23 19	0 27	9 29	2 12	10 50	0 24	17 18	1 0	27 29	3 48	21 52	21 44	25 57		n.a.
T 19	14 41	13 33	2 12	3 2	2 13	20 6	3 32	20 48	1 11	23 18	0 28	9 26	2 12	10 51	0 23	17 19	1 0	27 30	3 48	21 52	21 44	25 56		n.a.
W20	14 22	18 22	1 4	2 31	2 22	20 9	3 25	20 39	1 11	23 17	0 28	9 24	2 12	10 52	0 23	17 19	1 0	27 30	3 48	21 52	21 43	25 56		n.a.
T 21	14 3	22 18	0s 9	2 1	2 30	20 13	3 19	20 30	1 11	23 16	0 28	9 21	2 12	10 53	0 23	17 20	1 0	27 30	3 49	21 52	21 43	25 56		n.a.
F 22	13 43	24 58	1 24	1 32	2 38	20 16	3 13	20 21	1 12	23 14	0 28	9 18	2 12	10 53	0 23	17 20	1 0	27 30	3 49	21 52	21 42	25 56		n.a.
S 23	13 23	26 2	2 34	1 4	2 45	20 19	3 7	20 12	1 12	23 13	0 28	9 15	2 12	10 54	0 23	17 21	1 0	27 30	3 49	21 51	21 41	25 56		n.a.
S 24	13 3	25 15	3 36	0 38	2 53	20 21	3 1	20 2	1 12	23 12	0 28	9 13	2 12	10 55	0 23	17 21	1 0	27 30	3 49	21 51	21 41	25 55		n.a.
M25	12 43	22 40	4 23	0 13	3 0	20 23	2 54	19 53	1 12	23 10	0 28	9 10	2 12	10 56	0 23	17 22	1 0	27 30	3 49	21 49	21 40	25 55		n.a.
T 26	12 23	18 33	4 52	0s 9	3 6	20 25	2 48	19 43	1 12	23 9	0 29	9 7	2 12	10 57	0 23	17 22	1 0	27 30	3 49	21 48	21 40	25 55		n.a.
W27	12 2	13 19	5 1	0 30	3 13	20 26	2 42	19 33	1 12	23 8	0 29	9 4	2 12	10 57	0 23	17 23	1 0	27 30	3 49	21 46	21 39	25 55		n.a.
T 28	11 41	7 25	4 50	0 49	3 19	20 26	2 36	19 23	1 13	23 7	0 29	9 1	2 12	10 58	0 23	17 23	1 0	27 31	3 50	21 44	21 39	25 54		n.a.
F 29	11 20	1 18	4 21	1 5	3 24	20 27	2 30	19 13	1 13	23 5	0 29	8 59	2 12	10 59	0 23	17 24	1 0	27 31	3 50	21 42	21 38	25 54		n.a.
S 30	10 59	4n42	3 38	1 18	3 29	20 26	2 24	19 2	1 13	23 4	0 29	8 56	2 12	11 0	0 23	17 24	1 0	27 31	3 50	21 41	21 38	25 54		n.a.
S 31	10n37	10n17	2s45	1s29	3s32	20n25	2s17	18n52	1n13	23n 3	0n29	8n53	2n12	11s 1	0n23	17s25	1s 0	27n31	3n50	21n40	21n37	25n54		n.a.

Julian Day Number = 1616443.5, Delta T = 03h50m08s
Ecliptic obliquity = 23°43'52, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'21, Lahiri = - 7°55'21 Julian Calendar 1 Aug. 288 BCE == Greg. Calendar 28 July 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

SEPTEMBER 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 22 57	3♍43'08	16♉22	25♍48	17♋29	11♌35	17♋46	12♍51	29♎23	15°R13	3♋33	6°R30	6♊13	18♋14	n.a.	M 1
T 2	22 26 54	4°42'19	28°47	25°R53	18°28	12°13	17°56	12°58	29°25	15♒12	3°34	6♊29	6°10	18°20	n.a.	T 2
W 3	22 30 50	5°41'32	10♊54	25°50	19°28	12°51	18° 7	13° 5	29°28	15°10	3°35	6°29	6° 6	18°27	n.a.	W 3
T 4	22 34 47	6°40'47	22°50	25°41	20°28	13°29	18°18	13°13	29°31	15° 9	3°36	6°29	6° 3	18°34	n.a.	T 4
F 5	22 38 43	7°40'05	4♋39	25°24	21°28	14° 7	18°29	13°20	29°33	15° 7	3°37	6°27	6° 0	18°40	n.a.	F 5
S 6	22 42 40	8°39'25	16°27	24°59	22°29	14°45	18°39	13°27	29°36	15° 6	3°38	6°22	5°57	18°47	n.a.	S 6
S 7	22 46 36	9°38'47	28°19	24°26	23°30	15°24	18°50	13°34	29°39	15° 4	3°38	6°15	5°54	18°54	n.a.	S 7
M 8	22 50 33	10°38'12	10♌17	23°44	24°32	16° 2	19° 0	13°41	29°41	15° 3	3°39	6° 5	5°51	19° 0	n.a.	M 8
T 9	22 54 29	11°37'39	22°24	22°56	25°34	16°40	19°11	13°49	29°44	15° 1	3°40	5°52	5°47	19° 7	n.a.	T 9
W10	22 58 26	12°37'09	4♍42	22° 0	26°36	17°18	19°21	13°56	29°47	15° 0	3°41	5°39	5°44	19°14	n.a.	W10
T 11	23 2 23	13°36'40	17°11	20°57	27°39	17°56	19°31	14° 3	29°50	14°59	3°41	5°25	5°41	19°20	n.a.	T 11
F 12	23 6 19	14°36'13	29°52	19°50	28°42	18°35	19°41	14°10	29°52	14°57	3°42	5°12	5°38	19°27	n.a.	F 12
S 13	23 10 16	15°35'49	12♎45	18°39	29°45	19°13	19°51	14°18	29°55	14°56	3°43	5° 1	5°35	19°34	n.a.	S 13
S 14	23 14 12	16°35'26	25°48	17°26	0♌49	19°51	20° 1	14°25	29°58	14°54	3°44	4°53	5°32	19°40	n.a.	S 14
M15	23 18 9	17°35'06	9♏ 2	16°13	1°53	20°29	20°10	14°32	0♏ 1	14°53	3°44	4°48	5°28	19°47	n.a.	M15
T 16	23 22 5	18°34'47	22°28	15° 3	2°57	21° 7	20°20	14°39	0° 4	14°52	3°45	4°46	5°25	19°54	n.a.	T 16
W17	23 26 2	19°34'31	6♐ 5	13°56	4° 1	21°45	20°29	14°47	0° 7	14°50	3°45	4°D45	5°22	20° 1	n.a.	W17
T 18	23 29 58	20°34'16	19°56	12°56	5° 6	22°24	20°39	14°54	0°10	14°49	3°46	4°R45	5°19	20° 7	n.a.	T 18
F 19	23 33 55	21°34'03	3♑59	12° 5	6°11	23° 2	20°48	15° 1	0°13	14°48	3°47	4°45	5°16	20°14	n.a.	F 19
S 20	23 37 52	22°33'52	18°16	11°22	7°17	23°40	20°57	15° 8	0°17	14°47	3°47	4°43	5°12	20°21	n.a.	S 20
S 21	23 41 48	23°33'42	2♒44	10°50	8°22	24°18	21° 6	15°16	0°20	14°46	3°48	4°38	5° 9	20°27	n.a.	S 21
M22	23 45 45	24°33'35	17°19	10°30	9°28	24°56	21°15	15°23	0°23	14°44	3°48	4°30	5° 6	20°34	n.a.	M22
T 23	23 49 41	25°33'29	1♓55	10°D20	10°34	25°34	21°24	15°30	0°26	14°43	3°49	4°21	5° 3	20°41	n.a.	T 23
W24	23 53 38	26°33'25	16°25	10°22	11°41	26°13	21°33	15°37	0°29	14°42	3°49	4°10	5° 0	20°47	n.a.	W24
T 25	23 57 34	27°33'22	0♈42	10°35	12°48	26°51	21°41	15°44	0°32	14°41	3°49	3°59	4°57	20°54	n.a.	T 25
F 26	0 1 31	28°33'22	14°41	10°58	13°54	27°29	21°50	15°51	0°36	14°40	3°50	3°50	4°53	21° 1	n.a.	F 26
S 27	0 5 27	29°33'24	28°16	11°31	15° 2	28° 7	21°58	15°59	0°39	14°39	3°50	3°42	4°50	21° 7	n.a.	S 27
S 28	0 9 24	0♎33'28	11♉28	12°13	16° 9	28°45	22° 7	16° 6	0°42	14°38	3°50	3°37	4°47	21°14	n.a.	S 28
M29	0 13 20	1°33'35	24°15	13° 2	17°17	29°24	22°15	16°13	0°46	14°37	3°51	3°35	4°44	21°21	n.a.	M29
T 30	0 17 17	2♎33'43	6♊42	13♍59	18♌24	0♍ 2	22♋23	16♍20	0♏49	14♒36	3♋51	3°D35	4♊41	21♋27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n16	15n16	1s44	1s36	3s36	20n24	2s11	18n41	1n13	23n 1	0n30	8n50	2n12	11s 2	0n23	17s25	1s 0	27n31	3n50	21n40	21n37	25n53		n.a.
T 2	9 54	19 28	0 41	1 40	3 38	20 22	2 5	18 31	1 13	23 0	0 30	8 48	2 12	11 3	0 23	17 25	1 0	27 31	3 50	21 39	21 36	25 53		n.a.
W 3	9 32	22 44	0n23	1 40	3 39	20 20	1 59	18 20	1 13	22 59	0 30	8 45	2 12	11 4	0 23	17 26	1 0	27 31	3 51	21 39	21 35	25 53		n.a.
T 4	9 10	24 57	1 25	1 36	3 39	20 17	1 53	18 9	1 14	22 57	0 30	8 42	2 12	11 4	0 23	17 26	1 0	27 31	3 51	21 39	21 35	25 52		n.a.
F 5	8 48	26 2	2 23	1 28	3 37	20 14	1 47	17 58	1 14	22 56	0 30	8 39	2 12	11 5	0 23	17 27	1 0	27 32	3 51	21 39	21 34	25 52		n.a.
S 6	8 25	25 55	3 14	1 15	3 34	20 10	1 41	17 47	1 14	22 55	0 30	8 36	2 12	11 6	0 23	17 27	1 0	27 32	3 51	21 38	21 34	25 52		n.a.
S 7	8 3	24 37	3 58	0 58	3 29	20 5	1 36	17 36	1 14	22 54	0 30	8 33	2 12	11 7	0 23	17 28	1 0	27 32	3 51	21 37	21 33	25 52		n.a.
M 8	7 40	22 13	4 31	0 35	3 23	20 0	1 30	17 24	1 14	22 52	0 31	8 31	2 12	11 8	0 23	17 28	1 0	27 32	3 51	21 35	21 33	25 51		n.a.
T 9	7 17	18 48	4 52	0 8	3 15	19 55	1 24	17 13	1 14	22 51	0 31	8 28	2 12	11 9	0 23	17 29	1 0	27 32	3 52	21 33	21 32	25 51		n.a.
W10	6 54	14 33	5 0	0n24	3 5	19 49	1 18	17 1	1 14	22 50	0 31	8 25	2 12	11 10	0 23	17 29	1 0	27 32	3 52	21 30	21 31	25 51		n.a.
T 11	6 31	9 37	4 54	0 59	2 52	19 42	1 13	16 49	1 14	22 48	0 31	8 22	2 12	11 11	0 23	17 29	1 0	27 32	3 52	21 28	21 31	25 50		n.a.
F 12	6 8	4 13	4 33	1 39	2 38	19 35	1 7	16 37	1 15	22 47	0 31	8 19	2 12	11 12	0 23	17 30	1 0	27 33	3 52	21 26	21 30	25 50		n.a.
S 13	5 45	1s27	3 58	2 22	2 22	19 27	1 1	16 25	1 15	22 46	0 31	8 17	2 12	11 13	0 23	17 30	1 0	27 33	3 52	21 24	21 30	25 49		n.a.
S 14	5 21	7 8	3 10	3 7	2 5	19 19	0 56	16 13	1 15	22 44	0 32	8 14	2 12	11 15	0 23	17 31	1 0	27 33	3 52	21 22	21 29	25 49		n.a.
M15	4 58	12 36	2 12	3 53	1 46	19 10	0 50	16 1	1 15	22 43	0 32	8 11	2 12	11 16	0 23	17 31	1 0	27 33	3 53	21 21	21 29	25 49		n.a.
T 16	4 34	17 34	1 5	4 38	1 26	19 0	0 45	15 49	1 15	22 42	0 32	8 8	2 12	11 17	0 23	17 31	1 0	27 33	3 53	21 21	21 28	25 48		n.a.
W17	4 11	21 42	0s 7	5 23	1 6	18 50	0 40	15 37	1 15	22 41	0 32	8 5	2 12	11 18	0 23	17 32	1 0	27 33	3 53	21 21	21 27	25 48		n.a.
T 18	3 47	24 40	1 20	6 5	0 45	18 40	0 35	15 24	1 15	22 39	0 32	8 3	2 12	11 19	0 23	17 32	1 0	27 34	3 53	21 21	21 27	25 48		n.a.
F 19	3 23	26 9	2 28	6 44	0 25	18 29	0 29	15 11	1 15	22 38	0 33	8 0	2 12	11 20	0 23	17 32	1 0	27 34	3 53	21 21	21 26	25 47		n.a.
S 20	2 59	25 55	3 29	7 18	0 5	18 17	0 24	14 59	1 15	22 37	0 33	7 57	2 12	11 21	0 23	17 33	1 0	27 34	3 53	21 20	21 26	25 47		n.a.
S 21	2 35	23 57	4 17	7 48	0n14	18 5	0 19	14 46	1 16	22 36	0 33	7 54	2 12	11 22	0 23	17 33	1 0	27 34	3 54	21 19	21 25	25 46		n.a.
M22	2 11	20 25	4 49	8 12	0 31	17 52	0 14	14 33	1 16	22 34	0 33	7 51	2 12	11 23	0 23	17 34	1 0	27 34	3 54	21 18	21 25	25 46		n.a.
T 23	1 47	15 36	5 2	8 31	0 47	17 39	0 9	14 20	1 16	22 33	0 33	7 49	2 12	11 25	0 23	17 34	1 0	27 34	3 54	21 16	21 24	25 45		n.a.
W24	1 23	9 57	4 55	8 44	1 2	17 25	0 5	14 7	1 16	22 32	0 33	7 46	2 12	11 26	0 23	17 34	1 0	27 34	3 54	21 14	21 23	25 45		n.a.
T 25	0 59	3 51	4 30	8 51	1 15	17 11	0n 0	13 54	1 16	22 31	0 34	7 43	2 12	11 27	0 23	17 35	1 0	27 35	3 54	21 12	21 23	25 45		n.a.
F 26	0 35	2n20	3 50	8 53	1 27	16 56	0 5	13 41	1 16	22 30	0 34	7 40	2 13	11 28	0 23	17 35	1 0	27 35	3 54	21 10	21 22	25 44		n.a.
S 27	0 11	8 15	2 56	8 49	1 37	16 41	0 9	13 28	1 16	22 28	0 34	7 38	2 13	11 29	0 23	17 35	0 59	27 35	3 55	21 9	21 22	25 44		n.a.
S 28	0s13	13 38	1 55	8 41	1 45	16 25	0 14	13 14	1 16	22 27	0 34	7 35	2 13	11 30	0 23	17 35	0 59	27 35	3 55	21 8	21 21	25 43		n.a.
M29	0 38	18 16	0 50	8 28	1 52	16 8	0 18	13 1	1 16	22 26	0 34	7 32	2 13	11 32	0 23	17 36	0 59	27 35	3 55	21 8	21 21	25 43		n.a.
T 30	1s 2	21n58	0n17	8n11	1n58	15n51	0n23	12n47	1n16	22n25	0n35	7n30	2n13	11s33	0n23	17s36	0s59	27n35	3n55	21n 8	21n20	25n42		n.a.

Julian Day Number = 1616474.5, Delta T = 03h50m07s
Ecliptic obliquity = 23°43'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'17, Lahiri = - 7°55'16 Julian Calendar 1 Sept. 288 BCE == Greg. Calendar 28 Aug. 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

OCTOBER 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 21 14	3♎33'54	18♊51	15♍ 3	19♌33	0♍40	22♋30	16♍27	0♏52	14°R35	3♋51	3♊35	4♊37	21♋34	n.a.	W 1
T 2	0 25 10	4°34'07	0♋49	16°11	20°41	1°18	22°38	16°34	0°56	14♒34	3°51	3°R36	4°34	21°41	n.a.	T 2
F 3	0 29 7	5°34'22	12°40	17°25	21°49	1°57	22°46	16°41	0°59	14°33	3°52	3°36	4°31	21°47	n.a.	F 3
S 4	0 33 3	6°34'39	24°30	18°43	22°58	2°35	22°53	16°48	1° 3	14°32	3°52	3°34	4°28	21°54	n.a.	S 4
S 5	0 37 0	7°34'59	6♌23	20° 4	24° 7	3°13	23° 0	16°55	1° 6	14°31	3°52	3°30	4°25	22° 1	n.a.	S 5
M 6	0 40 56	8°35'20	18°25	21°28	25°16	3°51	23° 8	17° 2	1°10	14°30	3°52	3°23	4°22	22° 8	n.a.	M 6
T 7	0 44 53	9°35'43	0♍38	22°54	26°25	4°29	23°15	17° 9	1°13	14°30	3°52	3°15	4°18	22°14	n.a.	T 7
W 8	0 48 49	10°36'09	13° 6	24°23	27°34	5° 8	23°22	17°16	1°17	14°29	3°52	3° 5	4°15	22°21	n.a.	W 8
T 9	0 52 46	11°36'36	25°49	25°53	28°44	5°46	23°28	17°22	1°20	14°28	3°R52	2°55	4°12	22°28	n.a.	T 9
F 10	0 56 43	12°37'05	8♎49	27°25	29°54	6°24	23°35	17°29	1°24	14°27	3°52	2°46	4° 9	22°34	n.a.	F 10
S 11	1 0 39	13°37'36	22° 2	28°57	1♍ 3	7° 2	23°41	17°36	1°27	14°27	3°52	2°38	4° 6	22°41	n.a.	S 11
S 12	1 4 36	14°38'08	5♏30	0♎31	2°14	7°41	23°48	17°43	1°31	14°26	3°52	2°33	4° 3	22°48	n.a.	S 12
M13	1 8 32	15°38'42	19° 8	2° 5	3°24	8°19	23°54	17°50	1°35	14°25	3°52	2°30	3°59	22°54	n.a.	M13
T 14	1 12 29	16°39'18	2♐55	3°40	4°34	8°57	24° 0	17°56	1°38	14°25	3°52	2°D29	3°56	23° 1	n.a.	T 14
W15	1 16 25	17°39'55	16°49	5°15	5°44	9°35	24° 5	18° 3	1°42	14°24	3°52	2°30	3°53	23° 8	n.a.	W15
T 16	1 20 22	18°40'34	0♑50	6°50	6°55	10°14	24°11	18° 9	1°46	14°24	3°52	2°31	3°50	23°14	n.a.	T 16
F 17	1 24 18	19°41'14	14°55	8°26	8° 6	10°52	24°17	18°16	1°49	14°23	3°51	2°R32	3°47	23°21	n.a.	F 17
S 18	1 28 15	20°41'55	29° 4	10° 2	9°17	11°30	24°22	18°23	1°53	14°23	3°51	2°32	3°43	23°28	n.a.	S 18
S 19	1 32 12	21°42'37	13♒15	11°37	10°28	12° 8	24°27	18°29	1°57	14°22	3°51	2°30	3°40	23°35	n.a.	S 19
M20	1 36 8	22°43'20	27°26	13°13	11°39	12°47	24°32	18°35	2° 0	14°22	3°51	2°26	3°37	23°41	n.a.	M20
T 21	1 40 5	23°44'05	11♓34	14°49	12°50	13°25	24°37	18°42	2° 4	14°22	3°50	2°21	3°34	23°48	n.a.	T 21
W22	1 44 1	24°44'50	25°35	16°24	14° 1	14° 3	24°41	18°48	2° 8	14°21	3°50	2°14	3°31	23°55	n.a.	W22
T 23	1 47 58	25°45'37	9♈25	18° 0	15°13	14°41	24°46	18°55	2°11	14°21	3°50	2° 8	3°28	24° 1	n.a.	T 23
F 24	1 51 54	26°46'25	23° 1	19°35	16°24	15°20	24°50	19° 1	2°15	14°21	3°49	2° 3	3°24	24° 8	n.a.	F 24
S 25	1 55 51	27°47'15	6♉20	21°10	17°36	15°58	24°54	19° 7	2°19	14°21	3°49	1°59	3°21	24°15	n.a.	S 25
S 26	1 59 47	28°48'06	19°20	22°46	18°48	16°36	24°58	19°13	2°22	14°21	3°49	1°56	3°18	24°21	n.a.	S 26
M27	2 3 44	29°48'58	2♊ 2	24°21	20° 0	17°14	25° 2	19°19	2°26	14°20	3°48	1°D55	3°15	24°28	n.a.	M27
T 28	2 7 41	0♏49'52	14°26	25°56	21°12	17°53	25° 6	19°25	2°30	14°20	3°48	1°56	3°12	24°35	n.a.	T 28
W29	2 11 37	1°50'48	26°36	27°30	22°24	18°31	25° 9	19°31	2°34	14°20	3°47	1°58	3° 9	24°41	n.a.	W29
T 30	2 15 34	2°51'44	8♋35	29° 5	23°36	19° 9	25°13	19°37	2°37	14°20	3°47	1°59	3° 5	24°48	n.a.	T 30
F 31	2 19 30	3♏52'42	20♋27	0♏40	24♍49	19♍47	25♋16	19♍43	2♏41	14°D20	3♋46	2♊ 1	3♊ 2	24♋55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	1 s26	24n36	1n21	7n50	2n 2	15n34	0n27	12n33	1n16	22n24	0n35	7n27	2n13	11 s34	0n23	17 s36	0 s59	27n36	3n55	21n 8	21n19	25n42			n.a.
T 2	1 50	26 4	2 20	7 26	2 5	15 16	0 31	12 20	1 16	22 23	0 35	7 24	2 13	11 35	0 22	17 37	0 59	27 36	3 55	21 8	21 19	25 41			n.a.
F 3	2 14	26 20	3 13	6 59	2 8	14 58	0 35	12 6	1 16	22 22	0 35	7 22	2 13	11 36	0 22	17 37	0 59	27 36	3 56	21 8	21 18	25 41			n.a.
S 4	2 39	25 23	3 58	6 29	2 9	14 39	0 39	11 52	1 17	22 21	0 35	7 19	2 13	11 38	0 22	17 37	0 59	27 36	3 56	21 7	21 18	25 40			n.a.
S 5	3 3	23 18	4 33	5 57	2 9	14 19	0 43	11 38	1 17	22 20	0 36	7 16	2 13	11 39	0 22	17 37	0 59	27 36	3 56	21 7	21 17	25 40			n.a.
M 6	3 27	20 10	4 55	5 23	2 8	14 0	0 47	11 24	1 17	22 19	0 36	7 14	2 13	11 40	0 22	17 37	0 59	27 36	3 56	21 5	21 16	25 39			n.a.
T 7	3 51	16 8	5 5	4 47	2 6	13 39	0 51	11 10	1 17	22 18	0 36	7 11	2 14	11 41	0 22	17 38	0 59	27 37	3 56	21 4	21 16	25 39			n.a.
W 8	4 15	11 20	5 1	4 9	2 4	13 19	0 54	10 56	1 17	22 17	0 36	7 8	2 14	11 43	0 22	17 38	0 59	27 37	3 56	21 2	21 15	25 38			n.a.
T 9	4 39	5 59	4 42	3 31	2 2	12 58	0 58	10 42	1 17	22 16	0 36	7 6	2 14	11 44	0 22	17 38	0 59	27 37	3 57	21 0	21 15	25 37			n.a.
F 10	5 3	0 16	4 8	2 51	1 58	12 36	1 1	10 27	1 17	22 15	0 37	7 3	2 14	11 45	0 22	17 38	0 59	27 37	3 57	20 58	21 14	25 37			n.a.
S 11	5 26	5 s36	3 20	2 10	1 55	12 14	1 5	10 13	1 17	22 14	0 37	7 1	2 14	11 46	0 22	17 38	0 59	27 37	3 57	20 57	21 13	25 36			n.a.
S 12	5 50	11 19	2 20	1 29	1 50	11 52	1 8	9 59	1 17	22 13	0 37	6 58	2 14	11 48	0 22	17 39	0 59	27 38	3 57	20 55	21 13	25 36			n.a.
M13	6 14	16 34	1 12	0 47	1 46	11 29	1 11	9 44	1 17	22 12	0 37	6 55	2 14	11 49	0 22	17 39	0 59	27 38	3 57	20 55	21 12	25 35			n.a.
T 14	6 37	21 2	0 s 2	0 4	1 41	11 6	1 14	9 30	1 17	22 11	0 37	6 53	2 14	11 50	0 22	17 39	0 59	27 38	3 58	20 55	21 12	25 35			n.a.
W15	7 1	24 21	1 17	0 s39	1 36	10 42	1 17	9 15	1 17	22 10	0 38	6 50	2 15	11 52	0 22	17 39	0 59	27 38	3 58	20 55	21 11	25 34			n.a.
T 16	7 24	26 11	2 27	1 22	1 30	10 19	1 20	9 1	1 17	22 10	0 38	6 48	2 15	11 53	0 22	17 39	0 59	27 38	3 58	20 55	21 10	25 33			n.a.
F 17	7 48	26 21	3 29	2 5	1 25	9 54	1 22	8 46	1 17	22 9	0 38	6 45	2 15	11 54	0 22	17 39	0 59	27 38	3 58	20 55	21 10	25 33			n.a.
S 18	8 11	24 49	4 19	2 49	1 19	9 30	1 25	8 31	1 17	22 8	0 38	6 43	2 15	11 55	0 22	17 39	0 59	27 39	3 58	20 55	21 9	25 32			n.a.
S 19	8 34	21 43	4 53	3 32	1 13	9 5	1 28	8 16	1 17	22 7	0 39	6 41	2 15	11 57	0 22	17 40	0 59	27 39	3 58	20 55	21 9	25 31			n.a.
M20	8 57	17 20	5 9	4 16	1 6	8 40	1 30	8 2	1 17	22 7	0 39	6 38	2 15	11 58	0 22	17 40	0 59	27 39	3 59	20 54	21 8	25 31			n.a.
T 21	9 19	12 1	5 6	4 59	1 0	8 14	1 32	7 47	1 17	22 6	0 39	6 36	2 15	11 59	0 22	17 40	0 59	27 39	3 59	20 53	21 7	25 30			n.a.
W22	9 42	6 7	4 45	5 42	0 54	7 49	1 35	7 32	1 17	22 5	0 39	6 33	2 16	12 1	0 22	17 40	0 59	27 39	3 59	20 52	21 7	25 30			n.a.
T 23	10 4	0 0	4 7	6 25	0 47	7 23	1 37	7 17	1 17	22 5	0 40	6 31	2 16	12 2	0 22	17 40	0 59	27 40	3 59	20 51	21 6	25 29			n.a.
F 24	10 27	6n 1	3 16	7 8	0 41	6 56	1 39	7 2	1 17	22 4	0 40	6 29	2 16	12 3	0 22	17 40	0 59	27 40	3 59	20 49	21 6	25 28			n.a.
S 25	10 49	11 40	2 15	7 50	0 34	6 30	1 41	6 47	1 17	22 4	0 40	6 26	2 16	12 5	0 22	17 40	0 59	27 40	3 59	20 49	21 5	25 28			n.a.
S 26	11 11	16 41	1 8	8 32	0 27	6 3	1 43	6 32	1 17	22 3	0 40	6 24	2 16	12 6	0 22	17 40	0 59	27 40	4 0	20 48	21 4	25 27			n.a.
M27	11 33	20 50	0n 1	9 14	0 21	5 36	1 44	6 17	1 17	22 3	0 40	6 22	2 16	12 7	0 22	17 40	0 59	27 40	4 0	20 48	21 4	25 26			n.a.
T 28	11 54	23 56	1 8	9 55	0 14	5 9	1 46	6 2	1 17	22 2	0 41	6 19	2 17	12 8	0 22	17 40	0 59	27 40	4 0	20 48	21 3	25 25			n.a.
W29	12 16	25 52	2 11	10 36	0 7	4 42	1 47	5 47	1 17	22 2	0 41	6 17	2 17	12 10	0 22	17 40	0 59	27 41	4 0	20 48	21 2	25 25			n.a.
T 30	12 37	26 34	3 8	11 16	0 1	4 14	1 49	5 31	1 17	22 2	0 41	6 15	2 17	12 11	0 22	17 40	0 59	27 41	4 0	20 49	21 2	25 24			n.a.
F 31	12 s58	26n 2	3n55	11 s56	0 s 6	3n46	1n50	5n16	1n17	22n 1	0n41	6n13	2n17	12 s12	0n22	17 s40	0 s59	27n41	4n 0	20n49	21n 1	25n23			n.a.

Julian Day Number = 1616504.5, Delta T = 03h50m06s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'13, Lahiri = - 7°55'12 Julian Calendar 1 Oct. 288 BCE == Greg. Calendar 27 Sept. 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

NOVEMBER 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 23 27	4♏53'42	2♌18	2♏14	26♍ 1	20♍26	25♋18	19♍49	2♏45	14♒20	3°R45	2°R 2	2♊59	25♋ 2	n.a.	S 1
S 2	2 27 23	5°54'43	14°11	3°49	27°14	21° 4	25°21	19°55	2°48	14°20	3♋45	2♊ 2	2°56	25° 8	n.a.	S 2
M 3	2 31 20	6°55'45	26°13	5°23	28°26	21°42	25°24	20° 0	2°52	14°20	3°44	2° 0	2°53	25°15	n.a.	M 3
T 4	2 35 16	7°56'48	8♍28	6°58	29°39	22°20	25°26	20° 6	2°56	14°20	3°44	1°57	2°49	25°22	n.a.	T 4
W 5	2 39 13	8°57'53	20°59	8°32	0♎52	22°59	25°28	20°12	3° 0	14°21	3°43	1°54	2°46	25°28	n.a.	W 5
T 6	2 43 10	9°58'59	3♎49	10° 6	2° 5	23°37	25°30	20°17	3° 3	14°21	3°42	1°50	2°43	25°35	n.a.	T 6
F 7	2 47 6	11° 0'05	17° 0	11°41	3°18	24°15	25°32	20°23	3° 7	14°21	3°42	1°47	2°40	25°42	n.a.	F 7
S 8	2 51 3	12° 1'13	0♏31	13°15	4°31	24°53	25°33	20°28	3°11	14°21	3°41	1°44	2°37	25°48	n.a.	S 8
S 9	2 54 59	13° 2'22	14°21	14°49	5°44	25°32	25°35	20°33	3°14	14°22	3°40	1°42	2°34	25°55	n.a.	S 9
M10	2 58 56	14° 3'32	28°26	16°24	6°57	26°10	25°36	20°39	3°18	14°22	3°39	1°D42	2°30	26° 2	n.a.	M10
T 11	3 2 52	15° 4'42	12♐42	17°58	8°10	26°48	25°37	20°44	3°22	14°22	3°38	1°42	2°27	26° 8	n.a.	T 11
W12	3 6 49	16° 5'53	27° 4	19°33	9°23	27°26	25°38	20°49	3°25	14°23	3°38	1°43	2°24	26°15	n.a.	W12
T 13	3 10 45	17° 7'04	11♑28	21° 8	10°37	28° 5	25°38	20°54	3°29	14°23	3°37	1°44	2°21	26°22	n.a.	T 13
F 14	3 14 42	18° 8'16	25°49	22°43	11°50	28°43	25°39	20°59	3°33	14°24	3°36	1°45	2°18	26°29	n.a.	F 14
S 15	3 18 39	19° 9'28	10♒ 5	24°17	13° 4	29°21	25°39	21° 4	3°36	14°24	3°35	1°46	2°14	26°35	n.a.	S 15
S 16	3 22 35	20°10'41	24°12	25°53	14°17	29°59	25°R39	21° 9	3°40	14°25	3°34	1°R46	2°11	26°42	n.a.	S 16
M17	3 26 32	21°11'53	8♓10	27°28	15°31	0♎37	25°39	21°14	3°43	14°25	3°33	1°46	2° 8	26°49	n.a.	M17
T 18	3 30 28	22°13'06	21°57	29° 3	16°44	1°16	25°38	21°18	3°47	14°26	3°32	1°45	2° 5	26°55	n.a.	T 18
W19	3 34 25	23°14'19	5♈32	0♐38	17°58	1°54	25°38	21°23	3°51	14°27	3°31	1°44	2° 2	27° 2	n.a.	W19
T 20	3 38 21	24°15'32	18°54	2°14	19°12	2°32	25°37	21°27	3°54	14°27	3°30	1°42	1°59	27° 9	n.a.	T 20
F 21	3 42 18	25°16'45	2♉ 3	3°50	20°25	3°10	25°36	21°32	3°58	14°28	3°29	1°42	1°55	27°15	n.a.	F 21
S 22	3 46 14	26°17'59	14°58	5°25	21°39	3°48	25°35	21°36	4° 1	14°29	3°28	1°41	1°52	27°22	n.a.	S 22
S 23	3 50 11	27°19'12	27°40	7° 1	22°53	4°27	25°33	21°41	4° 5	14°30	3°27	1°D41	1°49	27°29	n.a.	S 23
M24	3 54 8	28°20'26	10♊ 9	8°37	24° 7	5° 5	25°32	21°45	4° 8	14°30	3°26	1°41	1°46	27°36	n.a.	M24
T 25	3 58 4	29°21'41	22°25	10°13	25°21	5°43	25°30	21°49	4°12	14°31	3°25	1°41	1°43	27°42	n.a.	T 25
W26	4 2 1	0♐22'56	4♋31	11°49	26°35	6°21	25°28	21°53	4°15	14°32	3°24	1°41	1°40	27°49	n.a.	W26
T 27	4 5 57	1°24'11	16°29	13°25	27°49	6°59	25°26	21°57	4°18	14°33	3°23	1°R41	1°36	27°56	n.a.	T 27
F 28	4 9 54	2°25'26	28°21	15° 1	29° 3	7°37	25°24	22° 1	4°22	14°34	3°22	1°41	1°33	28° 2	n.a.	F 28
S 29	4 13 50	3°26'41	10♌12	16°36	0♏17	8°16	25°21	22° 5	4°25	14°35	3°21	1°41	1°30	28° 9	n.a.	S 29
S 30	4 17 47	4♐27'57	22♌ 5	18♐11	1♏31	8♎54	25♋19	22♍ 8	4♏29	14♒36	3♋20	1♊41	1♊27	28♋16	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s19	24n19	4n33	12s35	0s12	3n18	1n51	5n 1	1n17	22n 1	0n42	6n11	2n17	12s14	0n22	17s40	0s59	27n41	4n 1	20n49	21n 1	25n23		n.a.
S 2	13 39	21 32	4 59	13 14	0 19	2 50	1 53	4 46	1 17	22 1	0 42	6 9	2 17	12 15	0 22	17 40	0 59	27 41	4 1	20 49	21 0	25 22		n.a.
M 3	14 0	17 49	5 13	13 52	0 25	2 22	1 54	4 30	1 17	22 1	0 42	6 6	2 18	12 16	0 22	17 40	0 59	27 42	4 1	20 49	20 59	25 21		n.a.
T 4	14 20	13 18	5 12	14 30	0 32	1 53	1 55	4 15	1 17	22 0	0 42	6 4	2 18	12 17	0 22	17 40	0 59	27 42	4 1	20 48	20 59	25 20		n.a.
W 5	14 40	8 9	4 57	15 7	0 38	1 25	1 55	4 0	1 17	22 0	0 43	6 2	2 18	12 19	0 22	17 40	0 59	27 42	4 1	20 48	20 58	25 20		n.a.
T 6	14 59	2 32	4 27	15 43	0 44	0 56	1 56	3 44	1 17	22 0	0 43	6 0	2 18	12 20	0 22	17 40	0 59	27 42	4 1	20 47	20 57	25 19		n.a.
F 7	15 19	3s21	3 42	16 19	0 50	0 27	1 57	3 29	1 17	22 0	0 43	5 58	2 18	12 21	0 22	17 40	0 59	27 42	4 2	20 46	20 57	25 18		n.a.
S 8	15 38	9 15	2 44	16 54	0 56	0s 1	1 57	3 13	1 17	22 0	0 43	5 56	2 19	12 23	0 22	17 39	0 59	27 42	4 2	20 46	20 56	25 17		n.a.
S 9	15 57	14 50	1 34	17 28	1 2	0 30	1 58	2 58	1 17	22 0	0 44	5 54	2 19	12 24	0 22	17 39	0 59	27 43	4 2	20 45	20 56	25 17		n.a.
M10	16 15	19 46	0 18	18 1	1 7	0 59	1 58	2 43	1 16	22 0	0 44	5 53	2 19	12 25	0 22	17 39	0 59	27 43	4 2	20 45	20 55	25 16		n.a.
T 11	16 33	23 36	1s 0	18 34	1 13	1 28	1 58	2 27	1 16	22 0	0 44	5 51	2 19	12 26	0 22	17 39	0 59	27 43	4 2	20 45	20 54	25 15		n.a.
W12	16 51	25 58	2 16	19 5	1 18	1 57	1 58	2 12	1 16	22 0	0 44	5 49	2 19	12 28	0 22	17 39	0 59	27 43	4 2	20 45	20 54	25 14		n.a.
T 13	17 9	26 36	3 23	19 36	1 23	2 26	1 59	1 56	1 16	22 0	0 45	5 47	2 20	12 29	0 22	17 39	0 59	27 43	4 3	20 46	20 53	25 13		n.a.
F 14	17 26	25 26	4 17	20 6	1 28	2 55	1 58	1 41	1 16	22 0	0 45	5 45	2 20	12 30	0 22	17 39	0 59	27 43	4 3	20 46	20 52	25 13		n.a.
S 15	17 44	22 39	4 54	20 35	1 33	3 24	1 58	1 25	1 16	22 1	0 45	5 43	2 20	12 31	0 22	17 38	0 58	27 44	4 3	20 46	20 52	25 12		n.a.
S 16	18 0	18 32	5 14	21 2	1 38	3 53	1 58	1 10	1 16	22 1	0 45	5 42	2 20	12 33	0 22	17 38	0 58	27 44	4 3	20 46	20 51	25 11		n.a.
M17	18 17	13 27	5 15	21 29	1 42	4 22	1 58	0 54	1 16	22 1	0 46	5 40	2 20	12 34	0 22	17 38	0 58	27 44	4 3	20 46	20 50	25 10		n.a.
T 18	18 33	7 46	4 57	21 55	1 46	4 51	1 57	0 39	1 16	22 1	0 46	5 38	2 21	12 35	0 22	17 38	0 58	27 44	4 3	20 46	20 50	25 9		n.a.
W19	18 49	1 48	4 23	22 19	1 50	5 20	1 57	0 23	1 16	22 2	0 46	5 37	2 21	12 36	0 22	17 38	0 58	27 44	4 3	20 46	20 49	25 8		n.a.
T 20	19 4	4n10	3 36	22 43	1 54	5 49	1 56	0 8	1 16	22 2	0 46	5 35	2 21	12 38	0 22	17 37	0 58	27 45	4 4	20 45	20 49	25 8		n.a.
F 21	19 19	9 52	2 37	23 5	1 57	6 17	1 56	0s 7	1 15	22 3	0 47	5 33	2 21	12 39	0 22	17 37	0 58	27 45	4 4	20 45	20 48	25 7		n.a.
S 22	19 34	15 4	1 31	23 26	2 0	6 46	1 55	0 23	1 15	22 3	0 47	5 32	2 22	12 40	0 22	17 37	0 58	27 45	4 4	20 45	20 47	25 6		n.a.
S 23	19 48	19 31	0 22	23 45	2 2	7 14	1 54	0 38	1 15	22 4	0 47	5 30	2 22	12 41	0 22	17 37	0 58	27 45	4 4	20 45	20 47	25 5		n.a.
M24	20 2	23 1	0n47	24 3	2 5	7 42	1 53	0 54	1 15	22 4	0 47	5 29	2 22	12 42	0 22	17 36	0 58	27 45	4 4	20 45	20 46	25 4		n.a.
T 25	20 16	25 23	1 53	24 20	2 6	8 11	1 52	1 9	1 15	22 5	0 48	5 28	2 22	12 44	0 22	17 36	0 58	27 45	4 4	20 45	20 45	25 3		n.a.
W26	20 29	26 31	2 52	24 35	2 8	8 39	1 51	1 25	1 15	22 5	0 48	5 26	2 23	12 45	0 22	17 36	0 58	27 46	4 4	20 45	20 45	25 2		n.a.
T 27	20 42	26 24	3 44	24 49	2 9	9 6	1 50	1 40	1 15	22 6	0 48	5 25	2 23	12 46	0 22	17 36	0 58	27 46	4 5	20 45	20 44	25 1		n.a.
F 28	20 54	25 4	4 25	25 1	2 10	9 34	1 49	1 55	1 15	22 7	0 48	5 23	2 23	12 47	0 22	17 35	0 58	27 46	4 5	20 45	20 43	25 0		n.a.
S 29	21 6	22 38	4 55	25 12	2 10	10 2	1 48	2 11	1 14	22 7	0 49	5 22	2 23	12 48	0 22	17 35	0 58	27 46	4 5	20 45	20 43	25 0		n.a.
S 30	21s18	19n14	5n13	25s21	2s 9	10s29	1n46	2s26	1n14	22n 8	0n49	5n21	2n24	12s49	0n22	17s35	0s58	27n46	4n 5	20n45	20n42	24n59		n.a.

Julian Day Number = 1616535.5, Delta T = 03h50m05s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'09, Lahiri = - 7°55'08 Julian Calendar 1 Nov. 288 BCE == Greg. Calendar 28 Oct. 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 288 BCE
geocentric

DECEMBER 288 BCE (-287) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 21 44	5♐29'13	4♍ 5	19♐46	2♏45	9♎32	25°R16	22♍12	4♏32	14♒37	3°R18	1°D41	1♊24	28♋22	n.a.	M 1
T 2	4 25 40	6°30'29	16°16	21°20	3°59	10°10	25♋13	22°16	4°35	14°38	3♋17	1♊41	1°20	28°29	n.a.	T 2
W 3	4 29 37	7°31'46	28°44	22°54	5°13	10°48	25° 9	22°19	4°39	14°39	3°16	1°41	1°17	28°36	n.a.	W 3
T 4	4 33 33	8°33'02	11♎32	24°26	6°28	11°26	25° 6	22°22	4°42	14°40	3°15	1°42	1°14	28°43	n.a.	T 4
F 5	4 37 30	9°34'18	24°44	25°57	7°42	12° 5	25° 2	22°26	4°45	14°42	3°14	1°43	1°11	28°49	n.a.	F 5
S 6	4 41 26	10°35'35	8♏21	27°27	8°56	12°43	24°58	22°29	4°48	14°43	3°12	1°43	1° 8	28°56	n.a.	S 6
S 7	4 45 23	11°36'51	22°22	28°55	10°10	13°21	24°54	22°32	4°51	14°44	3°11	1°44	1° 5	29° 3	n.a.	S 7
M 8	4 49 19	12°38'08	6♐46	0♑21	11°25	13°59	24°50	22°35	4°55	14°45	3°10	1°R44	1° 1	29° 9	n.a.	M 8
T 9	4 53 16	13°39'24	21°26	1°44	12°39	14°37	24°46	22°38	4°58	14°46	3° 9	1°44	0°58	29°16	n.a.	T 9
W10	4 57 13	14°40'39	6♑17	3° 4	13°53	15°15	24°41	22°41	5° 1	14°48	3° 7	1°42	0°55	29°23	n.a.	W10
T 11	5 1 9	15°41'55	21°10	4°21	15° 8	15°53	24°37	22°43	5° 4	14°49	3° 6	1°41	0°52	29°30	n.a.	T 11
F 12	5 5 6	16°43'09	5♒58	5°33	16°22	16°31	24°32	22°46	5° 7	14°51	3° 5	1°39	0°49	29°36	n.a.	F 12
S 13	5 9 2	17°44'23	20°33	6°40	17°37	17° 9	24°27	22°48	5°10	14°52	3° 3	1°37	0°46	29°43	n.a.	S 13
S 14	5 12 59	18°45'35	4♓51	7°41	18°51	17°47	24°21	22°51	5°13	14°53	3° 2	1°36	0°42	29°50	n.a.	S 14
M15	5 16 55	19°46'47	18°50	8°35	20° 5	18°25	24°16	22°53	5°16	14°55	3° 1	1°D35	0°39	29°56	n.a.	M15
T 16	5 20 52	20°47'58	2♈29	9°22	21°20	19° 3	24°11	22°55	5°19	14°56	2°59	1°36	0°36	0♌ 3	n.a.	T 16
W17	5 24 49	21°49'08	15°48	10° 1	22°34	19°41	24° 5	22°57	5°21	14°58	2°58	1°37	0°33	0°10	n.a.	W17
T 18	5 28 45	22°50'17	28°51	10°31	23°49	20°19	23°59	22°59	5°24	14°59	2°57	1°38	0°30	0°16	n.a.	T 18
F 19	5 32 42	23°51'25	11♉38	10°50	25° 3	20°57	23°53	23° 1	5°27	15° 1	2°55	1°40	0°26	0°23	n.a.	F 19
S 20	5 36 38	24°52'32	24°12	10°R59	26°18	21°35	23°47	23° 3	5°30	15° 3	2°54	1°41	0°23	0°30	n.a.	S 20
S 21	5 40 35	25°53'38	6♊35	10°56	27°32	22°13	23°41	23° 5	5°33	15° 4	2°53	1°R41	0°20	0°37	n.a.	S 21
M22	5 44 31	26°54'43	18°48	10°42	28°47	22°51	23°35	23° 6	5°35	15° 6	2°51	1°40	0°17	0°43	n.a.	M22
T 23	5 48 28	27°55'47	0♋54	10°16	0♐ 1	23°29	23°28	23° 8	5°38	15° 7	2°50	1°37	0°14	0°50	n.a.	T 23
W24	5 52 24	28°56'51	12°53	9°39	1°16	24° 6	23°22	23° 9	5°40	15° 9	2°49	1°33	0°11	0°57	n.a.	W24
T 25	5 56 21	29°57'53	24°48	8°51	2°30	24°44	23°15	23°10	5°43	15°11	2°47	1°28	0° 7	1° 3	n.a.	T 25
F 26	6 0 18	0♑58'55	6♌39	7°55	3°45	25°22	23° 8	23°12	5°46	15°13	2°46	1°23	0° 4	1°10	n.a.	F 26
S 27	6 4 14	1°59'56	18°31	6°50	4°59	26° 0	23° 1	23°13	5°48	15°14	2°45	1°17	0° 1	1°17	n.a.	S 27
S 28	6 8 11	3° 0'55	0♍24	5°40	6°14	26°38	22°54	23°14	5°50	15°16	2°43	1°12	29♉58	1°24	n.a.	S 28
M29	6 12 7	4° 1'54	12°23	4°27	7°28	27°16	22°47	23°15	5°53	15°18	2°42	1° 9	29°55	1°30	n.a.	M29
T 30	6 16 4	5° 2'52	24°32	3°12	8°43	27°53	22°40	23°15	5°55	15°20	2°41	1° 7	29°52	1°37	n.a.	T 30
W31	6 20 0	6♑ 3'49	6♎55	1♑58	9♐57	28♎31	22♋33	23♍16	5♏57	15♒22	2♋39	1°D 6	29♉48	1♌44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21 s29	15n 2	5n17	25 s28	2 s 8	10 s56	1n45	2 s41	1n14	22n 9	0n49	5n20	2n24	12 s51	0n22	17 s34	0 s58	27n46	4n 5	20n45	20n41	24n58			n.a.
T 2	21 40	10 11	5 7	25 33	2 7	11 23	1 44	2 57	1 14	22 10	0 49	5 19	2 24	12 52	0 22	17 34	0 58	27 46	4 5	20 45	20 41	24 57			n.a.
W 3	21 50	4 49	4 43	25 37	2 4	11 49	1 42	3 12	1 14	22 11	0 50	5 17	2 24	12 53	0 22	17 34	0 58	27 47	4 5	20 45	20 40	24 56			n.a.
T 4	22 0	0 s53	4 4	25 38	2 2	12 15	1 40	3 27	1 14	22 11	0 50	5 16	2 25	12 54	0 22	17 33	0 58	27 47	4 5	20 45	20 39	24 55			n.a.
F 5	22 9	6 44	3 11	25 38	1 58	12 41	1 39	3 42	1 13	22 12	0 50	5 15	2 25	12 55	0 22	17 33	0 58	27 47	4 6	20 45	20 39	24 54			n.a.
S 6	22 18	12 28	2 6	25 36	1 54	13 7	1 37	3 58	1 13	22 13	0 50	5 14	2 25	12 56	0 22	17 33	0 58	27 47	4 6	20 45	20 38	24 53			n.a.
S 7	22 27	17 45	0 52	25 32	1 49	13 32	1 35	4 13	1 13	22 14	0 51	5 13	2 25	12 57	0 22	17 32	0 58	27 47	4 6	20 46	20 37	24 52			n.a.
M 8	22 35	22 10	0 s28	25 27	1 43	13 58	1 33	4 28	1 13	22 15	0 51	5 12	2 26	12 58	0 22	17 32	0 58	27 47	4 6	20 46	20 37	24 51			n.a.
T 9	22 43	25 14	1 47	25 19	1 36	14 22	1 32	4 43	1 13	22 16	0 51	5 11	2 26	12 59	0 22	17 31	0 58	27 48	4 6	20 46	20 36	24 50			n.a.
W10	22 50	26 34	3 0	25 10	1 28	14 47	1 30	4 58	1 12	22 17	0 51	5 10	2 26	13 0	0 22	17 31	0 58	27 48	4 6	20 45	20 36	24 49			n.a.
T 11	22 57	26 0	4 1	24 59	1 19	15 11	1 28	5 13	1 12	22 18	0 51	5 10	2 27	13 1	0 22	17 31	0 58	27 48	4 6	20 45	20 35	24 48			n.a.
F 12	23 4	23 36	4 45	24 46	1 9	15 34	1 25	5 28	1 12	22 19	0 52	5 9	2 27	13 2	0 22	17 30	0 58	27 48	4 6	20 45	20 34	24 47			n.a.
S 13	23 9	19 42	5 10	24 32	0 58	15 57	1 23	5 43	1 12	22 21	0 52	5 8	2 27	13 3	0 22	17 30	0 58	27 48	4 6	20 44	20 34	24 46			n.a.
S 14	23 15	14 43	5 15	24 17	0 46	16 20	1 21	5 58	1 11	22 22	0 52	5 7	2 27	13 4	0 22	17 29	0 58	27 48	4 7	20 44	20 33	24 45			n.a.
M15	23 20	9 5	5 2	24 0	0 33	16 43	1 19	6 13	1 11	22 23	0 52	5 7	2 28	13 5	0 22	17 29	0 58	27 48	4 7	20 44	20 32	24 44			n.a.
T 16	23 24	3 9	4 31	23 43	0 19	17 5	1 17	6 27	1 11	22 24	0 53	5 6	2 28	13 6	0 22	17 28	0 58	27 48	4 7	20 44	20 32	24 43			n.a.
W17	23 29	2n49	3 47	23 25	0 4	17 26	1 15	6 42	1 11	22 25	0 53	5 6	2 28	13 7	0 22	17 28	0 58	27 49	4 7	20 44	20 31	24 42			n.a.
T 18	23 32	8 32	2 51	23 6	0n12	17 47	1 12	6 57	1 10	22 27	0 53	5 5	2 28	13 8	0 22	17 27	0 58	27 49	4 7	20 44	20 30	24 41			n.a.
F 19	23 35	13 47	1 48	22 47	0 30	18 8	1 10	7 12	1 10	22 28	0 53	5 5	2 29	13 9	0 22	17 27	0 58	27 49	4 7	20 45	20 29	24 40			n.a.
S 20	23 38	18 23	0 41	22 29	0 48	18 28	1 7	7 26	1 10	22 29	0 53	5 4	2 29	13 10	0 22	17 26	0 58	27 49	4 7	20 45	20 29	24 39			n.a.
S 21	23 40	22 7	0n27	22 11	1 6	18 48	1 5	7 41	1 9	22 30	0 54	5 4	2 29	13 11	0 22	17 26	0 58	27 49	4 7	20 45	20 28	24 38			n.a.
M22	23 42	24 48	1 33	21 53	1 25	19 7	1 3	7 55	1 9	22 32	0 54	5 3	2 30	13 12	0 22	17 25	0 58	27 49	4 7	20 45	20 27	24 36			n.a.
T 23	23 43	26 17	2 34	21 36	1 44	19 25	1 0	8 10	1 9	22 33	0 54	5 3	2 30	13 13	0 22	17 25	0 58	27 49	4 7	20 44	20 27	24 35			n.a.
W24	23 44	26 32	3 27	21 21	2 2	19 43	0 57	8 24	1 9	22 34	0 54	5 3	2 30	13 14	0 22	17 24	0 58	27 49	4 7	20 43	20 26	24 34			n.a.
T 25	23 44	25 32	4 11	21 6	2 20	20 1	0 55	8 38	1 8	22 36	0 55	5 2	2 30	13 14	0 22	17 24	0 58	27 50	4 8	20 42	20 25	24 33			n.a.
F 26	23 44	23 24	4 44	20 53	2 37	20 18	0 52	8 53	1 8	22 37	0 55	5 2	2 31	13 15	0 22	17 23	0 58	27 50	4 8	20 41	20 25	24 32			n.a.
S 27	23 43	20 16	5 4	20 41	2 52	20 34	0 50	9 7	1 8	22 39	0 55	5 2	2 31	13 16	0 22	17 23	0 58	27 50	4 8	20 40	20 24	24 31			n.a.
S 28	23 42	16 19	5 12	20 31	3 6	20 50	0 47	9 21	1 7	22 40	0 55	5 2	2 31	13 17	0 22	17 22	0 58	27 50	4 8	20 39	20 23	24 30			n.a.
M29	23 40	11 42	5 6	20 22	3 17	21 5	0 45	9 35	1 7	22 41	0 55	5 2	2 32	13 18	0 22	17 22	0 58	27 50	4 8	20 38	20 23	24 29			n.a.
T 30	23 38	6 34	4 46	20 15	3 27	21 20	0 42	9 49	1 6	22 43	0 55	5 2	2 32	13 18	0 22	17 21	0 58	27 50	4 8	20 38	20 22	24 28			n.a.
W31	23 s35	1n 6	4n13	20 s10	3n33	21 s34	0n39	10 s 3	1n 6	22n44	0n56	5n 2	2n32	13 s19	0n22	17 s21	0 s58	27n50	4n 8	20n38	20n21	24n26			n.a.

Julian Day Number = 1616565.5, Delta T = 03h50m04s
Ecliptic obliquity = 23°43'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'04, Lahiri = - 7°55'04 Julian Calendar 1 Dec. 288 BCE == Greg. Calendar 27 Nov. 288 BCE

The year -287 astronomical counting style corresponds to year 288 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

JANUARY 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 23 57	7♑ 4'45	19♎36	0°R47	11♐12	29♎ 9	22°R25	23♍17	6♏ 0	15♒23	2°R38	1♊ 7	29♉45	1♌50	n.a.	T 1
F 2	6 27 53	8° 5'41	2♏40	29♐40	12°26	29°47	22♋18	23°17	6° 2	15°25	2♋36	1° 8	29°42	1°57	n.a.	F 2
S 3	6 31 50	9° 6'35	16°10	28°39	13°41	0♏24	22°10	23°17	6° 4	15°27	2°35	1°10	29°39	2° 4	n.a.	S 3
S 4	6 35 47	10° 7'28	0♐ 9	27°45	14°55	1° 2	22° 3	23°18	6° 6	15°29	2°34	1°R10	29°36	2°10	n.a.	S 4
M 5	6 39 43	11° 8'20	14°35	26°59	16°10	1°40	21°55	23°18	6° 8	15°31	2°32	1°10	29°32	2°17	n.a.	M 5
T 6	6 43 40	12° 9'11	29°25	26°22	17°25	2°17	21°47	23°R18	6°10	15°33	2°31	1° 7	29°29	2°24	n.a.	T 6
W 7	6 47 36	13°10'01	14♑32	25°52	18°39	2°55	21°40	23°18	6°12	15°35	2°30	1° 2	29°26	2°31	n.a.	W 7
T 8	6 51 33	14°10'50	29°46	25°31	19°54	3°32	21°32	23°17	6°14	15°37	2°28	0°56	29°23	2°37	n.a.	T 8
F 9	6 55 29	15°11'36	14♒58	25°18	21° 8	4°10	21°24	23°17	6°16	15°39	2°27	0°49	29°20	2°44	n.a.	F 9
S 10	6 59 26	16°12'21	29°56	25°D13	22°23	4°48	21°16	23°17	6°18	15°41	2°26	0°42	29°17	2°51	n.a.	S 10
S 11	7 3 23	17°13'05	14♓33	25°15	23°37	5°25	21° 8	23°16	6°20	15°43	2°24	0°37	29°13	2°57	n.a.	S 11
M12	7 7 19	18°13'46	28°44	25°24	24°52	6° 2	21° 0	23°16	6°22	15°45	2°23	0°33	29°10	3° 4	n.a.	M12
T 13	7 11 16	19°14'25	12♈28	25°40	26° 6	6°40	20°52	23°15	6°23	15°47	2°22	0°31	29° 7	3°11	n.a.	T 13
W14	7 15 12	20°15'03	25°46	26° 1	27°21	7°17	20°44	23°14	6°25	15°49	2°21	0°D31	29° 4	3°18	n.a.	W14
T 15	7 19 9	21°15'39	8♉41	26°28	28°35	7°55	20°36	23°13	6°27	15°51	2°19	0°32	29° 1	3°24	n.a.	T 15
F 16	7 23 5	22°16'12	21°17	27° 0	29°50	8°32	20°28	23°12	6°28	15°54	2°18	0°33	28°58	3°31	n.a.	F 16
S 17	7 27 2	23°16'44	3♊38	27°37	1♑ 4	9° 9	20°21	23°11	6°30	15°56	2°17	0°R33	28°54	3°38	n.a.	S 17
S 18	7 30 58	24°17'15	15°47	28°18	2°19	9°47	20°13	23°10	6°31	15°58	2°15	0°32	28°51	3°44	n.a.	S 18
M19	7 34 55	25°17'43	27°49	29° 3	3°33	10°24	20° 5	23° 9	6°33	16° 0	2°14	0°28	28°48	3°51	n.a.	M19
T 20	7 38 52	26°18'09	9♋45	29°52	4°48	11° 1	19°57	23° 7	6°34	16° 2	2°13	0°22	28°45	3°58	n.a.	T 20
W21	7 42 48	27°18'34	21°38	0♑44	6° 2	11°38	19°49	23° 6	6°35	16° 4	2°12	0°13	28°42	4° 5	n.a.	W21
T 22	7 46 45	28°18'56	3♌31	1°40	7°17	12°15	19°41	23° 4	6°36	16° 6	2°11	0° 2	28°38	4°11	n.a.	T 22
F 23	7 50 41	29°19'17	15°23	2°38	8°31	12°53	19°34	23° 2	6°38	16° 9	2° 9	29♉51	28°35	4°18	n.a.	F 23
S 24	7 54 38	0♒19'36	27°16	3°39	9°46	13°30	19°26	23° 1	6°39	16°11	2° 8	29°39	28°32	4°25	n.a.	S 24
S 25	7 58 34	1°19'54	9♍13	4°42	11° 0	14° 7	19°18	22°59	6°40	16°13	2° 7	29°27	28°29	4°31	n.a.	S 25
M26	8 2 31	2°20'09	21°16	5°48	12°15	14°44	19°11	22°57	6°41	16°15	2° 6	29°18	28°26	4°38	n.a.	M26
T 27	8 6 27	3°20'23	3♎26	6°56	13°29	15°21	19° 3	22°55	6°42	16°18	2° 5	29°11	28°23	4°45	n.a.	T 27
W28	8 10 24	4°20'35	15°48	8° 6	14°44	15°58	18°56	22°52	6°43	16°20	2° 4	29° 7	28°19	4°52	n.a.	W28
T 29	8 14 20	5°20'46	28°26	9°18	15°58	16°35	18°48	22°50	6°44	16°22	2° 2	29° 6	28°16	4°58	n.a.	T 29
F 30	8 18 17	6°20'55	11♏23	10°32	17°13	17°11	18°41	22°48	6°45	16°24	2° 1	29°D 5	28°13	5° 5	n.a.	F 30
S 31	8 22 14	7♒21'02	24♏44	11♑48	18♑27	17♏48	18♋34	22♍45	6♏45	16♒26	2♋ 0	29°R 6	28♉10	5♌12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat	
T 1	23 s32	4 s34	3n27	20 s 6	3n38	21 s47	0n37	10 s17	1n 6	22n46	0n56	5n 2	2n32	13 s20	0n22	17 s20	0 s58	27n50	4n 8	20n38	20n21	24n25				n.a.
F 2	23 29	10 13	2 29	20 4	3 40	22 0	0 34	10 31	1 5	22 47	0 56	5 2	2 33	13 21	0 22	17 19	0 58	27 50	4 8	20 38	20 20	24 24				n.a.
S 3	23 25	15 35	1 21	20 4	3 39	22 12	0 31	10 44	1 5	22 48	0 56	5 2	2 33	13 21	0 22	17 19	0 58	27 50	4 8	20 39	20 19	24 23				n.a.
S 4	23 20	20 20	0 6	20 6	3 37	22 24	0 28	10 58	1 4	22 50	0 56	5 2	2 33	13 22	0 22	17 18	0 58	27 51	4 8	20 39	20 19	24 22				n.a.
M 5	23 15	24 1	1 s12	20 9	3 33	22 35	0 26	11 12	1 4	22 51	0 57	5 2	2 34	13 23	0 22	17 18	0 58	27 51	4 8	20 39	20 18	24 21				n.a.
T 6	23 10	26 11	2 27	20 14	3 27	22 45	0 23	11 25	1 4	22 53	0 57	5 3	2 34	13 23	0 22	17 17	0 58	27 51	4 8	20 38	20 17	24 19				n.a.
W 7	23 4	26 27	3 33	20 20	3 20	22 54	0 20	11 39	1 3	22 54	0 57	5 3	2 34	13 24	0 22	17 16	0 58	27 51	4 8	20 37	20 17	24 18				n.a.
T 8	22 58	24 45	4 24	20 28	3 12	23 3	0 18	11 52	1 3	22 55	0 57	5 3	2 34	13 25	0 22	17 16	0 58	27 51	4 8	20 36	20 16	24 17				n.a.
F 9	22 51	21 16	4 57	20 36	3 3	23 11	0 15	12 5	1 2	22 57	0 57	5 4	2 35	13 25	0 22	17 15	0 58	27 51	4 8	20 34	20 15	24 16				n.a.
S 10	22 44	16 26	5 8	20 46	2 53	23 18	0 12	12 18	1 2	22 58	0 57	5 4	2 35	13 26	0 22	17 15	0 58	27 51	4 9	20 33	20 14	24 15				n.a.
S 11	22 36	10 45	4 59	20 56	2 42	23 25	0 9	12 31	1 1	23 0	0 57	5 4	2 35	13 27	0 22	17 14	0 58	27 51	4 9	20 32	20 14	24 13				n.a.
M12	22 28	4 40	4 32	21 7	2 32	23 31	0 7	12 44	1 1	23 1	0 58	5 5	2 36	13 27	0 22	17 13	0 58	27 51	4 9	20 31	20 13	24 12				n.a.
T 13	22 20	1n28	3 50	21 19	2 21	23 36	0 4	12 57	1 0	23 2	0 58	5 6	2 36	13 28	0 22	17 13	0 58	27 51	4 9	20 30	20 12	24 11				n.a.
W14	22 11	7 21	2 56	21 31	2 9	23 41	0 1	13 10	1 0	23 4	0 58	5 6	2 36	13 28	0 22	17 12	0 58	27 51	4 9	20 30	20 12	24 10				n.a.
T 15	22 2	12 45	1 55	21 43	1 58	23 45	0 s 1	13 23	0 59	23 5	0 58	5 7	2 36	13 29	0 22	17 12	0 58	27 51	4 9	20 31	20 11	24 8				n.a.
F 16	21 52	17 30	0 50	21 55	1 47	23 48	0 4	13 36	0 59	23 6	0 58	5 7	2 37	13 29	0 22	17 11	0 58	27 51	4 9	20 31	20 10	24 7				n.a.
S 17	21 42	21 24	0n17	22 7	1 35	23 50	0 7	13 48	0 58	23 8	0 58	5 8	2 37	13 30	0 22	17 10	0 58	27 51	4 9	20 31	20 10	24 6				n.a.
S 18	21 31	24 18	1 21	22 19	1 24	23 52	0 9	14 1	0 58	23 9	0 58	5 9	2 37	13 30	0 22	17 10	0 58	27 51	4 9	20 31	20 9	24 5				n.a.
M19	21 20	26 4	2 21	22 31	1 13	23 53	0 12	14 13	0 57	23 10	0 58	5 10	2 38	13 31	0 22	17 9	0 58	27 52	4 9	20 30	20 8	24 3				n.a.
T 20	21 9	26 35	3 14	22 42	1 2	23 53	0 14	14 25	0 57	23 12	0 58	5 10	2 38	13 31	0 22	17 8	0 58	27 52	4 9	20 29	20 7	24 2				n.a.
W21	20 57	25 53	3 58	22 52	0 51	23 52	0 17	14 37	0 56	23 13	0 59	5 11	2 38	13 32	0 22	17 8	0 58	27 52	4 9	20 27	20 7	24 1				n.a.
T 22	20 45	24 0	4 32	23 3	0 41	23 51	0 19	14 49	0 55	23 14	0 59	5 12	2 38	13 32	0 22	17 7	0 58	27 52	4 9	20 24	20 6	23 59				n.a.
F 23	20 32	21 5	4 54	23 12	0 30	23 49	0 22	15 1	0 55	23 15	0 59	5 13	2 39	13 32	0 22	17 6	0 58	27 52	4 9	20 22	20 5	23 58				n.a.
S 24	20 20	17 18	5 3	23 21	0 20	23 46	0 24	15 13	0 54	23 16	0 59	5 14	2 39	13 33	0 22	17 6	0 58	27 52	4 9	20 19	20 5	23 57				n.a.
S 25	20 6	12 49	4 59	23 28	0 10	23 43	0 27	15 25	0 53	23 18	0 59	5 15	2 39	13 33	0 22	17 5	0 58	27 52	4 9	20 17	20 4	23 55				n.a.
M26	19 53	7 48	4 42	23 35	0 1	23 39	0 29	15 37	0 53	23 19	0 59	5 16	2 39	13 33	0 22	17 4	0 58	27 52	4 9	20 15	20 3	23 54				n.a.
T 27	19 39	2 27	4 11	23 41	0 s 8	23 34	0 31	15 48	0 52	23 20	0 59	5 17	2 40	13 34	0 23	17 4	0 58	27 52	4 9	20 13	20 2	23 53				n.a.
W28	19 24	3 s 5	3 29	23 46	0 17	23 28	0 34	16 0	0 52	23 21	0 59	5 18	2 40	13 34	0 23	17 3	0 58	27 52	4 9	20 12	20 2	23 51				n.a.
T 29	19 10	8 38	2 35	23 50	0 26	23 22	0 36	16 11	0 51	23 22	0 59	5 19	2 40	13 34	0 23	17 2	0 58	27 52	4 9	20 12	20 1	23 50				n.a.
F 30	18 55	13 58	1 33	23 53	0 35	23 15	0 38	16 22	0 50	23 23	0 59	5 21	2 40	13 35	0 23	17 2	0 58	27 52	4 9	20 12	20 0	23 49				n.a.
S 31	18 s39	18 s48	0n23	23 s55	0 s43	23 s 7	0 s41	16 s33	0n49	23n24	0n59	5n22	2n41	13 s35	0n23	17 s 1	0 s58	27n52	4n 9	20n12	20n 0	23n47				n.a.

Julian Day Number = 1616596.5, Delta T = 03h50m03s
Ecliptic obliquity = 23°43'52, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°02'00, Lahiri = - 7°55'00 Julian Calendar 1 Jan. 287 BCE == Greg. Calendar 28 Dec. 288 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

FEBRUARY 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 26 10	8♒21'08	8♐31	13♉ 5	19♉41	18♏25	18°R27	22°R43	6♏46	16♒29	1°R59	29°R 6	28♉ 7	5♌18	n.a.	S 1
M 2	8 30 7	9°21'12	22°47	14°24	20°56	19° 2	18♋20	22♍40	6°47	16°31	1♋58	29♉ 4	28° 4	5°25	n.a.	M 2
T 3	8 34 3	10°21'14	7♉29	15°44	22°10	19°38	18°13	22°37	6°47	16°33	1°57	28°59	28° 0	5°32	n.a.	T 3
W 4	8 38 0	11°21'15	22°33	17° 6	23°25	20°15	18° 6	22°35	6°48	16°36	1°56	28°52	27°57	5°39	n.a.	W 4
T 5	8 41 56	12°21'13	7♒51	18°30	24°39	20°52	17°59	22°32	6°48	16°38	1°55	28°42	27°54	5°45	n.a.	T 5
F 6	8 45 53	13°21'09	23°11	19°54	25°54	21°28	17°53	22°29	6°49	16°40	1°54	28°31	27°51	5°52	n.a.	F 6
S 7	8 49 50	14°21'04	8♓22	21°20	27° 8	22° 5	17°46	22°26	6°49	16°42	1°53	28°20	27°48	5°59	n.a.	S 7
S 8	8 53 46	15°20'56	23°13	22°48	28°22	22°41	17°40	22°23	6°50	16°45	1°52	28°11	27°44	6° 5	n.a.	S 8
M 9	8 57 43	16°20'45	7♈37	24°16	29°37	23°17	17°34	22°19	6°50	16°47	1°51	28° 4	27°41	6°12	n.a.	M 9
T 10	9 1 39	17°20'33	21°32	25°46	0♒51	23°54	17°27	22°16	6°50	16°49	1°50	27°59	27°38	6°19	n.a.	T 10
W11	9 5 36	18°20'18	4♉57	27°18	2° 5	24°30	17°22	22°13	6°50	16°51	1°50	27°57	27°35	6°26	n.a.	W11
T 12	9 9 32	19°20'00	17°55	28°50	3°20	25° 6	17°16	22° 9	6°51	16°54	1°49	27°D56	27°32	6°32	n.a.	T 12
F 13	9 13 29	20°19'41	0♊30	0♒24	4°34	25°42	17°10	22° 6	6°51	16°56	1°48	27°R56	27°29	6°39	n.a.	F 13
S 14	9 17 25	21°19'18	12°47	1°59	5°48	26°18	17° 5	22° 2	6°R51	16°58	1°47	27°56	27°25	6°46	n.a.	S 14
S 15	9 21 22	22°18'54	24°51	3°35	7° 3	26°54	16°59	21°59	6°51	17° 1	1°46	27°53	27°22	6°52	n.a.	S 15
M16	9 25 18	23°18'27	6♋47	5°13	8°17	27°30	16°54	21°55	6°50	17° 3	1°46	27°48	27°19	6°59	n.a.	M16
T 17	9 29 15	24°17'58	18°39	6°51	9°31	28° 6	16°49	21°51	6°50	17° 5	1°45	27°40	27°16	7° 6	n.a.	T 17
W18	9 33 12	25°17'27	0♌29	8°31	10°46	28°42	16°44	21°48	6°50	17° 7	1°44	27°30	27°13	7°13	n.a.	W18
T 19	9 37 8	26°16'53	12°21	10°13	12° 0	29°18	16°39	21°44	6°50	17°10	1°43	27°17	27°10	7°19	n.a.	T 19
F 20	9 41 5	27°16'17	24°16	11°55	13°14	29°53	16°35	21°40	6°50	17°12	1°43	27° 2	27° 6	7°26	n.a.	F 20
S 21	9 45 1	28°15'39	6♍15	13°39	14°28	0♐29	16°30	21°36	6°49	17°14	1°42	26°48	27° 3	7°33	n.a.	S 21
S 22	9 48 58	29°14'58	18°19	15°24	15°43	1° 4	16°26	21°32	6°49	17°16	1°41	26°34	27° 0	7°39	n.a.	S 22
M23	9 52 54	0♓14'16	0♎31	17°11	16°57	1°40	16°22	21°28	6°48	17°18	1°41	26°23	26°57	7°46	n.a.	M23
T 24	9 56 51	1°13'31	12°50	18°59	18°11	2°15	16°18	21°24	6°48	17°21	1°40	26°14	26°54	7°53	n.a.	T 24
W25	10 0 47	2°12'45	25°19	20°48	19°25	2°51	16°14	21°20	6°47	17°23	1°40	26° 8	26°50	8° 0	n.a.	W25
T 26	10 4 44	3°11'57	8♏ 2	22°38	20°40	3°26	16°11	21°15	6°47	17°25	1°39	26° 5	26°47	8° 6	n.a.	T 26
F 27	10 8 41	4°11'06	21° 0	24°30	21°54	4° 1	16° 7	21°11	6°46	17°27	1°38	26° 5	26°44	8°13	n.a.	F 27
S 28	10 12 37	5♓10'14	4♐17	26♒23	23♒ 8	4♐36	16♋ 4	21♍ 7	6♏45	17♒30	1♋38	26♉ 5	26♉41	8♌20	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	18s24	22s49	0s50	23s55	0s51	22s58	0s43	16s44	0n49	23n25	0n59	5n23	2n41	13s35	0n23	17s 0	0s58	27n52	4n 9	20n12	19n59	23n46			n.a.
M 2	18 8	25 34	2 2	23 54	0 58	22 49	0 45	16 55	0 48	23 26	0 59	5 24	2 41	13 35	0 23	17 0	0 58	27 52	4 9	20 12	19 58	23 45			n.a.
T 3	17 52	26 39	3 9	23 52	1 5	22 39	0 47	17 6	0 47	23 27	0 59	5 26	2 41	13 35	0 23	16 59	0 58	27 52	4 9	20 11	19 57	23 43			n.a.
W 4	17 35	25 49	4 3	23 49	1 12	22 29	0 49	17 17	0 46	23 28	0 59	5 27	2 42	13 36	0 23	16 58	0 58	27 52	4 9	20 9	19 57	23 42			n.a.
T 5	17 18	23 3	4 42	23 44	1 19	22 18	0 51	17 27	0 46	23 29	1 0	5 28	2 42	13 36	0 23	16 57	0 58	27 52	4 9	20 7	19 56	23 41			n.a.
F 6	17 1	18 40	5 0	23 38	1 25	22 6	0 53	17 38	0 45	23 30	1 0	5 30	2 42	13 36	0 23	16 57	0 58	27 52	4 9	20 4	19 55	23 39			n.a.
S 7	16 44	13 6	4 57	23 30	1 30	21 53	0 55	17 48	0 44	23 31	1 0	5 31	2 42	13 36	0 23	16 56	0 58	27 52	4 9	20 2	19 55	23 38			n.a.
S 8	16 26	6 54	4 33	23 21	1 36	21 40	0 57	17 58	0 43	23 32	1 0	5 32	2 42	13 36	0 23	16 55	0 58	27 52	4 9	20 0	19 54	23 36			n.a.
M 9	16 8	0 30	3 53	23 11	1 41	21 26	0 59	18 8	0 42	23 33	1 0	5 34	2 43	13 36	0 23	16 55	0 58	27 52	4 9	19 58	19 53	23 35			n.a.
T 10	15 50	5n43	3 0	22 59	1 46	21 12	1 0	18 18	0 41	23 34	1 0	5 35	2 43	13 36	0 23	16 54	0 58	27 52	4 9	19 57	19 52	23 33			n.a.
W11	15 31	11 28	1 58	22 45	1 50	20 57	1 2	18 28	0 41	23 34	1 0	5 37	2 43	13 36	0 23	16 53	0 58	27 52	4 9	19 57	19 52	23 32			n.a.
T 12	15 12	16 32	0 53	22 30	1 54	20 41	1 4	18 38	0 40	23 35	1 0	5 38	2 43	13 36	0 23	16 53	0 58	27 52	4 9	19 57	19 51	23 31			n.a.
F 13	14 53	20 43	0n14	22 13	1 57	20 25	1 5	18 48	0 39	23 36	1 0	5 40	2 43	13 36	0 23	16 52	0 58	27 52	4 9	19 57	19 50	23 29			n.a.
S 14	14 34	23 53	1 18	21 55	2 0	20 8	1 7	18 57	0 38	23 37	1 0	5 42	2 44	13 36	0 23	16 51	0 58	27 52	4 9	19 56	19 49	23 28			n.a.
S 15	14 15	25 55	2 17	21 35	2 3	19 50	1 8	19 6	0 37	23 37	1 0	5 43	2 44	13 36	0 23	16 51	0 58	27 52	4 9	19 56	19 49	23 26			n.a.
M16	13 55	26 43	3 10	21 13	2 5	19 32	1 10	19 16	0 36	23 38	1 0	5 45	2 44	13 36	0 23	16 50	0 58	27 52	4 9	19 55	19 48	23 25			n.a.
T 17	13 35	26 16	3 54	20 50	2 7	19 14	1 11	19 25	0 35	23 39	1 0	5 46	2 44	13 36	0 23	16 49	0 58	27 52	4 9	19 53	19 47	23 23			n.a.
W18	13 15	24 38	4 27	20 25	2 9	18 55	1 13	19 34	0 34	23 39	1 0	5 48	2 44	13 36	0 23	16 49	0 58	27 52	4 9	19 50	19 47	23 22			n.a.
T 19	12 55	21 55	4 49	19 59	2 10	18 35	1 14	19 43	0 33	23 40	1 0	5 50	2 44	13 36	0 23	16 48	0 58	27 52	4 9	19 47	19 46	23 20			n.a.
F 20	12 34	18 17	4 59	19 30	2 10	18 15	1 15	19 51	0 32	23 40	1 0	5 52	2 45	13 36	0 23	16 47	0 58	27 52	4 9	19 44	19 45	23 19			n.a.
S 21	12 13	13 53	4 55	19 0	2 10	17 54	1 16	20 0	0 31	23 41	1 0	5 53	2 45	13 36	0 23	16 46	0 58	27 52	4 9	19 41	19 44	23 17			n.a.
S 22	11 52	8 56	4 38	18 29	2 10	17 33	1 17	20 8	0 30	23 41	1 0	5 55	2 45	13 36	0 23	16 46	0 58	27 52	4 9	19 38	19 44	23 16			n.a.
M23	11 31	3 35	4 9	17 55	2 9	17 11	1 18	20 17	0 29	23 42	0 59	5 57	2 45	13 36	0 23	16 45	0 58	27 52	4 9	19 35	19 43	23 14			n.a.
T 24	11 10	1s57	3 27	17 20	2 8	16 49	1 19	20 25	0 27	23 42	0 59	5 59	2 45	13 35	0 23	16 44	0 58	27 52	4 9	19 33	19 42	23 13			n.a.
W25	10 49	7 31	2 35	16 43	2 6	16 27	1 20	20 33	0 26	23 43	0 59	6 0	2 45	13 35	0 23	16 44	0 58	27 52	4 9	19 31	19 41	23 11			n.a.
T 26	10 27	12 53	1 34	16 5	2 3	16 4	1 21	20 41	0 25	23 43	0 59	6 2	2 45	13 35	0 23	16 43	0 58	27 52	4 9	19 31	19 41	23 10			n.a.
F 27	10 6	17 48	0 27	15 24	2 0	15 40	1 22	20 49	0 24	23 44	0 59	6 4	2 46	13 35	0 23	16 42	0 58	27 52	4 9	19 31	19 40	23 8			n.a.
S 28	9s44	21s58	0s43	14s42	1s57	15s16	1s23	20s57	0n23	23n44	0n59	6n 6	2n46	13s35	0n23	16s42	0s58	27n52	4n 9	19n31	19n39	23n 7			n.a.

Julian Day Number = 1616627.5, Delta T = 03h50m02s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'56, Lahiri = - 7°54'56 Julian Calendar 1 Feb. 287 BCE == Greg. Calendar 28 Jan. 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

MARCH 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 16 34	6♓ 9'21	17♐56	28♒18	24♒22	5♐11	16°R 1	21°R 3	6°R45	17♒32	1°R37	26°R 4	26♉38	8♌26	n.a.	S 1
M 2	10 20 30	7° 8'25	1♑59	0♓14	25°36	5°46	15♋58	20♍58	6♏44	17°34	1♋37	26♉ 2	26°35	8°33	n.a.	M 2
T 3	10 24 27	8° 7'28	16°26	2°11	26°51	6°21	15°56	20°54	6°43	17°36	1°37	25°58	26°31	8°40	n.a.	T 3
W 4	10 28 23	9° 6'28	1♒13	4° 9	28° 5	6°55	15°53	20°50	6°42	17°38	1°36	25°51	26°28	8°47	n.a.	W 4
T 5	10 32 20	10° 5'27	16°16	6° 9	29°19	7°30	15°51	20°45	6°41	17°40	1°36	25°42	26°25	8°53	n.a.	T 5
F 6	10 36 16	11° 4'24	1♓25	8°10	0♓33	8° 4	15°49	20°41	6°40	17°43	1°35	25°31	26°22	9° 0	n.a.	F 6
S 7	10 40 13	12° 3'18	16°30	10°12	1°47	8°39	15°47	20°36	6°39	17°45	1°35	25°21	26°19	9° 7	n.a.	S 7
S 8	10 44 9	13° 2'10	1♈20	12°15	3° 1	9°13	15°45	20°32	6°38	17°47	1°35	25°11	26°16	9°13	n.a.	S 8
M 9	10 48 6	14° 1'00	15°48	14°19	4°15	9°47	15°43	20°27	6°37	17°49	1°35	25° 4	26°12	9°20	n.a.	M 9
T 10	10 52 3	14°59'48	29°48	16°24	5°30	10°21	15°42	20°23	6°36	17°51	1°34	24°59	26° 9	9°27	n.a.	T 10
W11	10 55 59	15°58'34	13♉20	18°29	6°44	10°55	15°41	20°18	6°34	17°53	1°34	24°56	26° 6	9°34	n.a.	W11
T 12	10 59 56	16°57'17	26°24	20°35	7°58	11°29	15°40	20°14	6°33	17°55	1°34	24°D56	26° 3	9°40	n.a.	T 12
F 13	11 3 52	17°55'58	9♊ 3	22°41	9°12	12° 3	15°39	20° 9	6°32	17°57	1°34	24°56	26° 0	9°47	n.a.	F 13
S 14	11 7 49	18°54'37	21°23	24°47	10°26	12°36	15°38	20° 4	6°31	17°59	1°34	24°R56	25°56	9°54	n.a.	S 14
S 15	11 11 45	19°53'13	3♋29	26°53	11°40	13°10	15°38	20° 0	6°29	18° 1	1°33	24°55	25°53	10° 0	n.a.	S 15
M16	11 15 42	20°51'47	15°25	28°58	12°54	13°43	15°38	19°55	6°28	18° 3	1°33	24°52	25°50	10° 7	n.a.	M16
T 17	11 19 38	21°50'19	27°16	1♈ 2	14° 8	14°16	15°D38	19°51	6°26	18° 5	1°33	24°47	25°47	10°14	n.a.	T 17
W18	11 23 35	22°48'48	9♌ 7	3° 5	15°22	14°49	15°38	19°46	6°25	18° 7	1°33	24°39	25°44	10°21	n.a.	W18
T 19	11 27 32	23°47'15	21° 1	5° 6	16°36	15°22	15°38	19°42	6°23	18° 9	1°D33	24°29	25°41	10°27	n.a.	T 19
F 20	11 31 28	24°45'41	3♍ 0	7° 5	17°50	15°55	15°39	19°37	6°21	18°11	1°33	24°18	25°37	10°34	n.a.	F 20
S 21	11 35 25	25°44'04	15° 6	9° 2	19° 4	16°28	15°39	19°33	6°20	18°13	1°33	24° 7	25°34	10°41	n.a.	S 21
S 22	11 39 21	26°42'25	27°21	10°56	20°18	17° 0	15°40	19°28	6°18	18°15	1°33	23°57	25°31	10°47	n.a.	S 22
M23	11 43 18	27°40'44	9♎45	12°48	21°32	17°33	15°41	19°24	6°16	18°16	1°33	23°48	25°28	10°54	n.a.	M23
T 24	11 47 14	28°39'01	22°19	14°36	22°46	18° 5	15°43	19°19	6°15	18°18	1°34	23°42	25°25	11° 1	n.a.	T 24
W25	11 51 11	29°37'16	5♏ 4	16°21	24° 0	18°37	15°44	19°15	6°13	18°20	1°34	23°38	25°21	11° 8	n.a.	W25
T 26	11 55 7	0♈35'30	18° 1	18° 3	25°14	19° 9	15°46	19°10	6°11	18°22	1°34	23°D36	25°18	11°14	n.a.	T 26
F 27	11 59 4	1°33'42	1♐11	19°41	26°28	19°41	15°47	19° 6	6° 9	18°24	1°34	23°36	25°15	11°21	n.a.	F 27
S 28	12 3 0	2°31'52	14°35	21°15	27°42	20°12	15°49	19° 1	6° 7	18°26	1°34	23°37	25°12	11°28	n.a.	S 28
S 29	12 6 57	3°30'01	28°15	22°44	28°56	20°44	15°52	18°57	6° 5	18°27	1°35	23°R38	25° 9	11°35	n.a.	S 29
M30	12 10 54	4°28'09	12♑13	24°10	0♈10	21°15	15°54	18°53	6° 3	18°29	1°35	23°38	25° 6	11°41	n.a.	M30
T 31	12 14 50	5♈26'15	26♑27	25♈31	1♈23	21♐46	15♋56	18♍48	6♏ 1	18♒31	1♋35	23♉36	25♉ 2	11♌48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	9s22	25s 3	1s53	13s58	1s53	14s52	1s23	21s 4	0n21	23n44	0n59	6n 8	2n46	13s34	0n23	16s41	0s58	27n52	4n 9	19n30	19n38	23n 5			n.a.
M 2	9 0	26 41	2 58	13 13	1 48	14 27	1 24	21 12	0 20	23 45	0 59	6 9	2 46	13 34	0 23	16 41	0 58	27 52	4 9	19 30	19 38	23 4			n.a.
T 3	8 37	26 33	3 53	12 26	1 43	14 2	1 25	21 19	0 19	23 45	0 59	6 11	2 46	13 34	0 23	16 40	0 58	27 52	4 9	19 29	19 37	23 2			n.a.
W 4	8 15	24 35	4 34	11 37	1 38	13 37	1 25	21 26	0 18	23 45	0 59	6 13	2 46	13 33	0 23	16 39	0 58	27 52	4 9	19 27	19 36	23 0			n.a.
T 5	7 53	20 52	4 57	10 47	1 32	13 11	1 25	21 34	0 16	23 45	0 59	6 15	2 46	13 33	0 23	16 39	0 58	27 52	4 9	19 25	19 35	22 59			n.a.
F 6	7 30	15 45	4 59	9 55	1 25	12 45	1 26	21 40	0 15	23 46	0 59	6 17	2 46	13 33	0 23	16 38	0 58	27 52	4 9	19 23	19 35	22 57			n.a.
S 7	7 7	9 42	4 41	9 2	1 18	12 18	1 26	21 47	0 14	23 46	0 59	6 19	2 46	13 32	0 23	16 37	0 58	27 52	4 9	19 20	19 34	22 56			n.a.
S 8	6 45	3 11	4 4	8 7	1 10	11 51	1 26	21 54	0 12	23 46	0 59	6 20	2 46	13 32	0 23	16 37	0 58	27 52	4 8	19 18	19 33	22 54			n.a.
M 9	6 22	3n21	3 12	7 11	1 1	11 24	1 26	22 1	0 11	23 46	0 59	6 22	2 46	13 32	0 23	16 36	0 58	27 52	4 8	19 16	19 32	22 52			n.a.
T 10	5 59	9 32	2 9	6 14	0 53	10 57	1 26	22 7	0 9	23 46	0 59	6 24	2 47	13 31	0 23	16 35	0 58	27 52	4 8	19 15	19 32	22 51			n.a.
W11	5 36	15 4	1 1	5 16	0 43	10 29	1 26	22 13	0 8	23 46	0 59	6 26	2 47	13 31	0 23	16 35	0 58	27 52	4 8	19 14	19 31	22 49			n.a.
T 12	5 13	19 43	0n 8	4 17	0 34	10 1	1 26	22 20	0 6	23 46	0 59	6 28	2 47	13 30	0 23	16 34	0 58	27 52	4 8	19 14	19 30	22 48			n.a.
F 13	4 50	23 18	1 14	3 18	0 24	9 33	1 26	22 26	0 5	23 46	0 59	6 30	2 47	13 30	0 23	16 34	0 58	27 52	4 8	19 14	19 29	22 46			n.a.
S 14	4 26	25 42	2 16	2 18	0 13	9 4	1 26	22 32	0 3	23 46	0 59	6 32	2 47	13 30	0 23	16 33	0 58	27 52	4 8	19 14	19 29	22 44			n.a.
S 15	4 3	26 51	3 10	1 17	0 2	8 36	1 26	22 38	0 2	23 46	0 58	6 33	2 47	13 29	0 23	16 32	0 58	27 52	4 8	19 14	19 28	22 43			n.a.
M16	3 40	26 43	3 55	0 17	0n 9	8 7	1 26	22 43	0 0	23 46	0 58	6 35	2 47	13 29	0 23	16 32	0 58	27 52	4 8	19 13	19 27	22 41			n.a.
T 17	3 17	25 22	4 29	0n43	0 20	7 38	1 25	22 49	0s 1	23 46	0 58	6 37	2 47	13 28	0 23	16 31	0 58	27 51	4 8	19 12	19 26	22 39			n.a.
W18	2 53	22 53	4 52	1 43	0 31	7 8	1 25	22 54	0 3	23 46	0 58	6 39	2 47	13 28	0 23	16 31	0 58	27 51	4 8	19 10	19 26	22 38			n.a.
T 19	2 30	19 26	5 3	2 42	0 42	6 39	1 24	23 0	0 5	23 46	0 58	6 41	2 47	13 27	0 23	16 30	0 58	27 51	4 8	19 7	19 25	22 36			n.a.
F 20	2 6	15 11	5 0	3 40	0 54	6 9	1 24	23 5	0 6	23 46	0 58	6 43	2 47	13 26	0 23	16 29	0 58	27 51	4 8	19 5	19 24	22 34			n.a.
S 21	1 43	10 17	4 44	4 37	1 5	5 39	1 23	23 10	0 8	23 46	0 58	6 44	2 47	13 26	0 23	16 29	0 58	27 51	4 8	19 2	19 23	22 33			n.a.
S 22	1 19	4 57	4 14	5 32	1 16	5 9	1 23	23 15	0 10	23 45	0 58	6 46	2 47	13 25	0 23	16 28	0 58	27 51	4 8	18 59	19 22	22 31			n.a.
M23	0 56	0s40	3 32	6 26	1 26	4 39	1 22	23 20	0 12	23 45	0 58	6 48	2 47	13 25	0 23	16 28	0 58	27 51	4 8	18 57	19 22	22 29			n.a.
T 24	0 33	6 20	2 39	7 18	1 36	4 9	1 21	23 25	0 14	23 45	0 58	6 50	2 47	13 24	0 23	16 27	0 59	27 51	4 8	18 55	19 21	22 28			n.a.
W25	0 9	11 50	1 38	8 8	1 46	3 38	1 20	23 30	0 15	23 45	0 58	6 51	2 47	13 24	0 23	16 27	0 59	27 51	4 8	18 54	19 20	22 26			n.a.
T 26	0n14	16 56	0 30	8 56	1 55	3 8	1 19	23 34	0 17	23 45	0 58	6 53	2 47	13 23	0 23	16 26	0 59	27 51	4 8	18 54	19 19	22 24			n.a.
F 27	0 38	21 19	0s41	9 42	2 4	2 37	1 18	23 39	0 19	23 44	0 58	6 55	2 47	13 22	0 23	16 26	0 59	27 51	4 8	18 54	19 19	22 23			n.a.
S 28	1 1	24 39	1 50	10 25	2 12	2 6	1 17	23 43	0 21	23 44	0 57	6 57	2 47	13 22	0 23	16 25	0 59	27 51	4 8	18 54	19 18	22 21			n.a.
S 29	1 24	26 38	2 55	11 6	2 19	1 36	1 16	23 47	0 23	23 44	0 57	6 58	2 47	13 21	0 23	16 25	0 59	27 51	4 8	18 54	19 17	22 19			n.a.
M30	1 48	27 0	3 51	11 45	2 26	1 5	1 15	23 51	0 25	23 43	0 57	7 0	2 47	13 20	0 23	16 24	0 59	27 51	4 8	18 54	19 16	22 17			n.a.
T 31	2n11	25s36	4s34	12n20	2n32	0s34	1s14	23s56	0s27	23n43	0n57	7n 2	2n46	13s20	0n23	16s24	0s59	27n51	4n 8	18n54	19n16	22n16			n.a.

Julian Day Number = 1616655.5, Delta T = 03h50m01s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'52, Lahiri = - 7°54'52 Julian Calendar 1 March 287 BCE == Greg. Calendar 25 Feb. 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

APRIL 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 18 47	6♈24'19	10♒56	26♈48	2♈37	22♐17	15♋59	18°R44	5°R59	18♒32	1♋35	23°R32	24♉59	11♌55	n.a.	W 1
T 2	12 22 43	7°22'22	25°37	28° 1	3°51	22°47	16° 2	18♍40	5♏57	18°34	1°36	23♉26	24°56	12° 1	n.a.	T 2
F 3	12 26 40	8°20'24	10♓22	29° 9	5° 5	23°18	16° 5	18°36	5°55	18°36	1°36	23°20	24°53	12° 8	n.a.	F 3
S 4	12 30 36	9°18'23	25° 5	0♉13	6°19	23°48	16° 8	18°32	5°53	18°37	1°37	23°13	24°50	12°15	n.a.	S 4
S 5	12 34 33	10°16'21	9♈38	1°11	7°33	24°18	16°12	18°28	5°51	18°39	1°37	23° 7	24°47	12°22	n.a.	S 5
M 6	12 38 29	11°14'18	23°54	2° 5	8°47	24°48	16°15	18°23	5°49	18°40	1°37	23° 2	24°43	12°28	n.a.	M 6
T 7	12 42 26	12°12'13	7♉48	2°55	10° 1	25°17	16°19	18°19	5°47	18°42	1°38	22°59	24°40	12°35	n.a.	T 7
W 8	12 46 23	13°10'06	21°18	3°39	11°14	25°46	16°23	18°16	5°44	18°43	1°38	22°D58	24°37	12°42	n.a.	W 8
T 9	12 50 19	14° 7'57	4♊23	4°19	12°28	26°15	16°27	18°12	5°42	18°45	1°39	22°59	24°34	12°48	n.a.	T 9
F 10	12 54 16	15° 5'46	17° 6	4°53	13°42	26°44	16°31	18° 8	5°40	18°46	1°39	23° 0	24°31	12°55	n.a.	F 10
S 11	12 58 12	16° 3'34	29°29	5°23	14°56	27°13	16°35	18° 4	5°38	18°48	1°40	23° 2	24°27	13° 2	n.a.	S 11
S 12	13 2 9	17° 1'20	11♋38	5°47	16°10	27°41	16°40	18° 0	5°35	18°49	1°41	23°R 3	24°24	13° 9	n.a.	S 12
M13	13 6 5	17°59'04	23°36	6° 6	17°24	28° 9	16°44	17°57	5°33	18°51	1°41	23° 3	24°21	13°15	n.a.	M13
T 14	13 10 2	18°56'46	5♌30	6°21	18°37	28°37	16°49	17°53	5°31	18°52	1°42	23° 1	24°18	13°22	n.a.	T 14
W15	13 13 58	19°54'27	17°22	6°30	19°51	29° 5	16°54	17°50	5°28	18°53	1°43	22°58	24°15	13°29	n.a.	W15
T 16	13 17 55	20°52'06	29°18	6°R35	21° 5	29°32	16°59	17°46	5°26	18°55	1°43	22°54	24°12	13°35	n.a.	T 16
F 17	13 21 52	21°49'43	11♍22	6°34	22°19	29°59	17° 5	17°43	5°24	18°56	1°44	22°49	24° 8	13°42	n.a.	F 17
S 18	13 25 48	22°47'19	23°35	6°29	23°32	0♎25	17°10	17°39	5°21	18°57	1°45	22°44	24° 5	13°49	n.a.	S 18
S 19	13 29 45	23°44'53	6♎ 0	6°20	24°46	0°52	17°16	17°36	5°19	18°58	1°45	22°39	24° 2	13°56	n.a.	S 19
M20	13 33 41	24°42'26	18°39	6° 6	26° 0	1°18	17°22	17°33	5°16	19° 0	1°46	22°35	23°59	14° 2	n.a.	M20
T 21	13 37 38	25°39'57	1♏31	5°48	27°14	1°44	17°28	17°30	5°14	19° 1	1°47	22°33	23°56	14° 9	n.a.	T 21
W22	13 41 34	26°37'27	14°36	5°26	28°27	2° 9	17°34	17°27	5°11	19° 2	1°48	22°31	23°52	14°16	n.a.	W22
T 23	13 45 31	27°34'57	27°55	5° 2	29°41	2°34	17°40	17°24	5° 9	19° 3	1°49	22°D31	23°49	14°23	n.a.	T 23
F 24	13 49 27	28°32'25	11♐26	4°34	0♉55	2°59	17°46	17°21	5° 7	19° 4	1°50	22°32	23°46	14°29	n.a.	F 24
S 25	13 53 24	29°29'52	25° 9	4° 4	2° 8	3°23	17°53	17°18	5° 4	19° 5	1°51	22°33	23°43	14°36	n.a.	S 25
S 26	13 57 21	0♉27'18	9♎ 2	3°32	3°22	3°47	17°59	17°16	5° 2	19° 6	1°51	22°35	23°40	14°43	n.a.	S 26
M27	14 1 17	1°24'44	23° 5	2°59	4°36	4°11	18° 6	17°13	4°59	19° 7	1°52	22°36	23°37	14°49	n.a.	M27
T 28	14 5 14	2°22'08	7♒16	2°25	5°50	4°34	18°13	17°10	4°57	19° 8	1°53	22°R36	23°33	14°56	n.a.	T 28
W29	14 9 10	3°19'32	21°33	1°51	7° 3	4°57	18°20	17° 8	4°54	19° 9	1°54	22°35	23°30	15° 3	n.a.	W29
T 30	14 13 7	4♉16'55	5♓54	1♉18	8♉17	5♎20	18♋27	17♍ 5	4♏52	19♒10	1♋55	22♉33	23♉27	15♌10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n34	22s30	5s 0	12n54	2n37	0s 3	1s13	24s 0	0s29	23n42	0n57	7n 3	2n46	13s19	0n23	16s23	0s59	27n51	4n 8	18n53	19n15	22n14		n.a.
T 2	2 58	17 57	5 7	13 24	2 41	0n28	1 11	24 3	0 32	23 42	0 57	7 5	2 46	13 18	0 23	16 23	0 59	27 51	4 8	18 52	19 14	22 12		n.a.
F 3	3 21	12 18	4 54	13 52	2 45	0 59	1 10	24 7	0 34	23 42	0 57	7 6	2 46	13 18	0 23	16 22	0 59	27 51	4 8	18 50	19 13	22 10		n.a.
S 4	3 44	5 58	4 22	14 17	2 47	1 29	1 9	24 11	0 36	23 41	0 57	7 8	2 46	13 17	0 23	16 22	0 59	27 51	4 7	18 48	19 12	22 9		n.a.
S 5	4 7	0n37	3 33	14 39	2 48	2 0	1 7	24 15	0 38	23 41	0 57	7 10	2 46	13 16	0 23	16 21	0 59	27 51	4 7	18 47	19 12	22 7		n.a.
M 6	4 30	7 3	2 31	14 59	2 49	2 31	1 6	24 18	0 40	23 40	0 57	7 11	2 46	13 15	0 23	16 21	0 59	27 51	4 7	18 45	19 11	22 5		n.a.
T 7	4 53	13 0	1 21	15 16	2 48	3 2	1 4	24 22	0 43	23 40	0 57	7 13	2 46	13 15	0 23	16 20	0 59	27 51	4 7	18 45	19 10	22 3		n.a.
W 8	5 16	18 10	0 9	15 30	2 47	3 33	1 3	24 25	0 45	23 39	0 57	7 14	2 46	13 14	0 23	16 20	0 59	27 51	4 7	18 44	19 9	22 1		n.a.
T 9	5 38	22 17	1n 2	15 41	2 44	4 3	1 1	24 28	0 47	23 38	0 57	7 15	2 46	13 13	0 23	16 19	0 59	27 51	4 7	18 45	19 8	22 0		n.a.
F 10	6 1	25 13	2 7	15 49	2 41	4 34	0 59	24 31	0 50	23 38	0 56	7 17	2 46	13 13	0 23	16 19	0 59	27 50	4 7	18 45	19 8	21 58		n.a.
S 11	6 24	26 49	3 5	15 55	2 36	5 4	0 57	24 34	0 52	23 37	0 56	7 18	2 45	13 12	0 23	16 19	0 59	27 50	4 7	18 45	19 7	21 56		n.a.
S 12	6 46	27 6	3 54	15 58	2 30	5 35	0 56	24 38	0 55	23 37	0 56	7 20	2 45	13 11	0 23	16 18	0 59	27 50	4 7	18 46	19 6	21 54		n.a.
M13	7 8	26 6	4 32	15 58	2 23	6 5	0 54	24 41	0 57	23 36	0 56	7 21	2 45	13 10	0 23	16 18	0 59	27 50	4 7	18 46	19 5	21 52		n.a.
T 14	7 31	23 55	4 57	15 55	2 15	6 35	0 52	24 44	1 0	23 35	0 56	7 22	2 45	13 9	0 23	16 17	0 59	27 50	4 7	18 45	19 5	21 51		n.a.
W15	7 53	20 44	5 10	15 50	2 6	7 5	0 50	24 46	1 3	23 35	0 56	7 24	2 45	13 9	0 23	16 17	0 59	27 50	4 7	18 44	19 4	21 49		n.a.
T 16	8 15	16 40	5 10	15 41	1 55	7 35	0 48	24 49	1 5	23 34	0 56	7 25	2 45	13 8	0 23	16 17	0 59	27 50	4 7	18 43	19 3	21 47		n.a.
F 17	8 36	11 56	4 55	15 31	1 44	8 4	0 46	24 52	1 8	23 33	0 56	7 26	2 45	13 7	0 23	16 16	0 59	27 50	4 7	18 42	19 2	21 45		n.a.
S 18	8 58	6 40	4 28	15 17	1 32	8 34	0 44	24 55	1 11	23 32	0 56	7 27	2 44	13 6	0 23	16 16	0 59	27 50	4 7	18 41	19 1	21 43		n.a.
S 19	9 20	1 3	3 47	15 2	1 19	9 3	0 42	24 57	1 14	23 31	0 56	7 28	2 44	13 5	0 23	16 16	0 59	27 50	4 7	18 40	19 1	21 41		n.a.
M20	9 41	4s42	2 55	14 44	1 4	9 32	0 40	25 0	1 17	23 31	0 56	7 29	2 44	13 5	0 23	16 15	0 59	27 50	4 7	18 39	19 0	21 39		n.a.
T 21	10 2	10 23	1 53	14 24	0 50	10 1	0 38	25 3	1 19	23 30	0 56	7 31	2 44	13 4	0 23	16 15	1 0	27 50	4 7	18 38	18 59	21 38		n.a.
W22	10 23	15 44	0 43	14 2	0 34	10 30	0 36	25 5	1 22	23 29	0 56	7 32	2 44	13 3	0 23	16 15	1 0	27 50	4 7	18 38	18 58	21 36		n.a.
T 23	10 44	20 25	0s30	13 38	0 18	10 58	0 34	25 8	1 25	23 28	0 56	7 33	2 44	13 2	0 23	16 14	1 0	27 50	4 7	18 37	18 57	21 34		n.a.
F 24	11 5	24 7	1 42	13 13	0 1	11 26	0 32	25 10	1 28	23 27	0 55	7 34	2 44	13 1	0 23	16 14	1 0	27 50	4 7	18 38	18 57	21 32		n.a.
S 25	11 26	26 28	2 50	12 47	0s16	11 54	0 29	25 13	1 32	23 26	0 55	7 35	2 43	13 0	0 23	16 14	1 0	27 50	4 7	18 38	18 56	21 30		n.a.
S 26	11 46	27 13	3 48	12 19	0 33	12 22	0 27	25 15	1 35	23 25	0 55	7 35	2 43	13 0	0 23	16 13	1 0	27 50	4 7	18 38	18 55	21 28		n.a.
M27	12 6	26 14	4 34	11 52	0 51	12 49	0 25	25 18	1 38	23 24	0 55	7 36	2 43	12 59	0 23	16 13	1 0	27 50	4 7	18 39	18 54	21 26		n.a.
T 28	12 27	23 34	5 4	11 24	1 8	13 16	0 23	25 20	1 41	23 23	0 55	7 37	2 43	12 58	0 23	16 13	1 0	27 50	4 7	18 39	18 53	21 24		n.a.
W29	12 46	19 27	5 15	10 57	1 24	13 43	0 20	25 23	1 44	23 22	0 55	7 38	2 43	12 57	0 23	16 13	1 0	27 50	4 7	18 38	18 53	21 22		n.a.
T 30	13n 6	14s12	5s 6	10n30	1s41	14n 9	0s18	25s25	1s48	23n21	0n55	7n39	2n42	12s56	0n23	16s12	1s 0	27n50	4n 7	18n38	18n52	21n20		n.a.

Julian Day Number = 1616686.5, Delta T = 03h50m00s
Ecliptic obliquity = 23°43'54, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'48, Lahiri = - 7°54'48 Julian Calendar 1 Apr. 287 BCE == Greg. Calendar 28 March 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

MAY 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 17 3	5♉14'17	20♓14	0°R46	9♉31	5♊42	18♋34	17°R 3	4°R49	19♒11	1♋56	22°R31	23♉24	15♌16	n.a.	F 1
S 2	14 21 0	6°11'39	4♈29	0♉15	10°44	6° 4	18°42	17♍ 1	4♏47	19°11	1°57	22♉29	23°21	15°23	n.a.	S 2
S 3	14 24 56	7° 8'59	18°35	29♈46	11°58	6°25	18°49	16°59	4°44	19°12	1°58	22°27	23°18	15°30	n.a.	S 3
M 4	14 28 53	8° 6'19	2♉28	29°20	13°12	6°45	18°57	16°57	4°42	19°13	2° 0	22°26	23°14	15°36	n.a.	M 4
T 5	14 32 50	9° 3'38	16° 4	28°57	14°25	7° 6	19° 5	16°55	4°39	19°14	2° 1	22°D25	23°11	15°43	n.a.	T 5
W 6	14 36 46	10° 0'56	29°22	28°38	15°39	7°26	19°12	16°53	4°37	19°14	2° 2	22°25	23° 8	15°50	n.a.	W 6
T 7	14 40 43	10°58'14	12♊20	28°22	16°53	7°45	19°20	16°51	4°34	19°15	2° 3	22°26	23° 5	15°57	n.a.	T 7
F 8	14 44 39	11°55'30	25° 0	28°10	18° 6	8° 4	19°29	16°50	4°32	19°16	2° 4	22°27	23° 2	16° 3	n.a.	F 8
S 9	14 48 36	12°52'46	7♋23	28° 2	19°20	8°22	19°37	16°48	4°29	19°16	2° 5	22°28	22°58	16°10	n.a.	S 9
S 10	14 52 32	13°50'00	19°33	27°D58	20°34	8°40	19°45	16°46	4°27	19°17	2° 7	22°28	22°55	16°17	n.a.	S 10
M11	14 56 29	14°47'14	1♌33	27°59	21°47	8°57	19°54	16°45	4°24	19°18	2° 8	22°29	22°52	16°24	n.a.	M11
T 12	15 0 25	15°44'26	13°27	28° 4	23° 1	9°14	20° 2	16°44	4°22	19°18	2° 9	22°R29	22°49	16°30	n.a.	T 12
W13	15 4 22	16°41'38	25°21	28°14	24°15	9°30	20°11	16°43	4°20	19°19	2°10	22°29	22°46	16°37	n.a.	W13
T 14	15 8 19	17°38'49	7♍18	28°28	25°28	9°46	20°20	16°41	4°17	19°19	2°12	22°29	22°43	16°44	n.a.	T 14
F 15	15 12 15	18°35'58	19°24	28°47	26°42	10° 1	20°29	16°40	4°15	19°19	2°13	22°28	22°39	16°50	n.a.	F 15
S 16	15 16 12	19°33'08	1♎41	29°10	27°55	10°16	20°38	16°39	4°12	19°20	2°14	22°28	22°36	16°57	n.a.	S 16
S 17	15 20 8	20°30'16	14°13	29°38	29° 9	10°30	20°47	16°39	4°10	19°20	2°15	22°28	22°33	17° 4	n.a.	S 17
M18	15 24 5	21°27'24	27° 3	0♉11	0♊23	10°43	20°56	16°38	4° 8	19°20	2°17	22°28	22°30	17°11	n.a.	M18
T 19	15 28 1	22°24'31	10♏11	0°47	1°36	10°56	21° 6	16°37	4° 5	19°21	2°18	22°D28	22°27	17°17	n.a.	T 19
W20	15 31 58	23°21'38	23°37	1°28	2°50	11° 8	21°15	16°37	4° 3	19°21	2°20	22°R28	22°24	17°24	n.a.	W20
T 21	15 35 54	24°18'44	7♐21	2°13	4° 3	11°20	21°25	16°36	4° 1	19°21	2°21	22°28	22°20	17°31	n.a.	T 21
F 22	15 39 51	25°15'51	21°18	3° 3	5°17	11°31	21°34	16°36	3°59	19°21	2°22	22°27	22°17	17°38	n.a.	F 22
S 23	15 43 48	26°12'57	5♑27	3°56	6°31	11°41	21°44	16°36	3°56	19°22	2°24	22°27	22°14	17°44	n.a.	S 23
S 24	15 47 44	27°10'03	19°43	4°53	7°44	11°50	21°54	16°36	3°54	19°22	2°25	22°27	22°11	17°51	n.a.	S 24
M25	15 51 41	28° 7'09	4♒ 2	5°55	8°58	11°59	22° 4	16°D36	3°52	19°22	2°27	22°26	22° 8	17°58	n.a.	M25
T 26	15 55 37	29° 4'16	18°21	7° 0	10°11	12° 7	22°14	16°36	3°50	19°22	2°28	22°26	22° 4	18° 4	n.a.	T 26
W27	15 59 34	0♊ 1'22	2♓36	8° 9	11°25	12°15	22°24	16°36	3°48	19°R22	2°30	22°D26	22° 1	18°11	n.a.	W27
T 28	16 3 30	0°58'28	16°45	9°22	12°38	12°22	22°34	16°36	3°45	19°22	2°31	22°26	21°58	18°18	n.a.	T 28
F 29	16 7 27	1°55'35	0♈45	10°38	13°52	12°28	22°44	16°36	3°43	19°22	2°33	22°26	21°55	18°25	n.a.	F 29
S 30	16 11 24	2°52'41	14°36	11°59	15° 6	12°33	22°54	16°37	3°41	19°22	2°34	22°27	21°52	18°31	n.a.	S 30
S 31	16 15 20	3♊49'48	28♈15	13♉23	16♊19	12♊38	23♋ 5	16♍37	3♏39	19♒22	2♋36	22♉28	21♉49	18♌38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n26	8s11	4s39	10n 4	1s56	14n35	0s16	25s28	1s51	23n20	0n55	7n39	2n42	12s56	0n23	16s12	1s 0	27n50	4n 7	18n38	18n51	21n18		n.a.
S 2	13 45	1 47	3 54	9 39	2 12	15 1	0 13	25 30	1 55	23 19	0 55	7 40	2 42	12 55	0 23	16 12	1 0	27 50	4 7	18 37	18 50	21 17		n.a.
S 3	14 4	4n40	2 56	9 15	2 26	15 26	0 11	25 32	1 58	23 18	0 55	7 41	2 42	12 54	0 23	16 12	1 0	27 50	4 7	18 36	18 49	21 15		n.a.
M 4	14 23	10 47	1 48	8 54	2 39	15 51	0 9	25 35	2 2	23 17	0 55	7 41	2 42	12 53	0 23	16 11	1 0	27 50	4 7	18 36	18 49	21 13		n.a.
T 5	14 41	16 17	0 35	8 34	2 51	16 16	0 6	25 37	2 5	23 16	0 55	7 42	2 41	12 52	0 23	16 11	1 0	27 49	4 7	18 36	18 48	21 11		n.a.
W 6	15 0	20 53	0n38	8 17	3 2	16 40	0 4	25 40	2 9	23 14	0 55	7 43	2 41	12 51	0 23	16 11	1 0	27 49	4 7	18 36	18 47	21 9		n.a.
T 7	15 18	24 20	1 48	8 2	3 12	17 3	0 2	25 42	2 13	23 13	0 55	7 43	2 41	12 50	0 23	16 11	1 0	27 49	4 7	18 36	18 46	21 7		n.a.
F 8	15 36	26 29	2 51	7 49	3 21	17 27	0n 1	25 45	2 16	23 12	0 55	7 44	2 41	12 50	0 23	16 11	1 0	27 49	4 7	18 36	18 45	21 5		n.a.
S 9	15 54	27 15	3 44	7 39	3 29	17 50	0 3	25 48	2 20	23 11	0 55	7 44	2 41	12 49	0 23	16 11	1 0	27 49	4 7	18 37	18 45	21 3		n.a.
S 10	16 11	26 40	4 26	7 32	3 35	18 12	0 6	25 50	2 24	23 9	0 54	7 44	2 40	12 48	0 23	16 10	1 0	27 49	4 6	18 37	18 44	21 1		n.a.
M11	16 28	24 51	4 56	7 27	3 41	18 34	0 8	25 53	2 28	23 8	0 54	7 45	2 40	12 47	0 23	16 10	1 0	27 49	4 6	18 37	18 43	20 59		n.a.
T 12	16 45	21 58	5 13	7 25	3 45	18 55	0 10	25 56	2 32	23 7	0 54	7 45	2 40	12 46	0 23	16 10	1 0	27 49	4 6	18 37	18 42	20 57		n.a.
W13	17 2	18 10	5 16	7 26	3 48	19 16	0 13	25 59	2 36	23 5	0 54	7 45	2 40	12 46	0 23	16 10	1 0	27 49	4 6	18 37	18 41	20 55		n.a.
T 14	17 18	13 39	5 6	7 29	3 50	19 36	0 15	26 2	2 40	23 4	0 54	7 46	2 39	12 45	0 23	16 10	1 1	27 49	4 6	18 37	18 40	20 53		n.a.
F 15	17 34	8 34	4 42	7 35	3 51	19 56	0 18	26 4	2 44	23 3	0 54	7 46	2 39	12 44	0 23	16 10	1 1	27 49	4 6	18 37	18 40	20 51		n.a.
S 16	17 50	3 4	4 6	7 44	3 50	20 16	0 20	26 7	2 48	23 1	0 54	7 46	2 39	12 43	0 23	16 10	1 1	27 49	4 6	18 37	18 39	20 49		n.a.
S 17	18 6	2s40	3 16	7 55	3 49	20 34	0 22	26 11	2 52	23 0	0 54	7 46	2 39	12 42	0 23	16 10	1 1	27 49	4 6	18 37	18 38	20 47		n.a.
M18	18 21	8 26	2 16	8 8	3 47	20 53	0 25	26 14	2 57	22 58	0 54	7 46	2 39	12 42	0 23	16 10	1 1	27 49	4 6	18 37	18 37	20 45		n.a.
T 19	18 36	13 59	1 8	8 24	3 44	21 10	0 27	26 17	3 1	22 57	0 54	7 46	2 38	12 41	0 23	16 10	1 1	27 49	4 6	18 37	18 36	20 43		n.a.
W20	18 50	19 1	0s 6	8 42	3 40	21 27	0 29	26 20	3 5	22 55	0 54	7 46	2 38	12 40	0 23	16 10	1 1	27 49	4 6	18 37	18 36	20 41		n.a.
T 21	19 5	23 9	1 22	9 2	3 35	21 44	0 32	26 24	3 10	22 54	0 54	7 46	2 38	12 39	0 23	16 10	1 1	27 49	4 6	18 37	18 35	20 39		n.a.
F 22	19 19	25 59	2 33	9 24	3 30	22 0	0 34	26 27	3 14	22 52	0 54	7 46	2 38	12 39	0 23	16 10	1 1	27 49	4 6	18 36	18 34	20 37		n.a.
S 23	19 32	27 13	3 36	9 48	3 23	22 15	0 36	26 31	3 19	22 50	0 54	7 46	2 37	12 38	0 23	16 10	1 1	27 49	4 6	18 36	18 33	20 34		n.a.
S 24	19 46	26 39	4 26	10 14	3 16	22 30	0 38	26 34	3 23	22 49	0 54	7 46	2 37	12 37	0 23	16 10	1 1	27 49	4 6	18 36	18 32	20 32		n.a.
M25	19 59	24 20	5 0	10 41	3 9	22 44	0 41	26 38	3 28	22 47	0 54	7 45	2 37	12 36	0 23	16 10	1 1	27 49	4 6	18 36	18 31	20 30		n.a.
T 26	20 12	20 30	5 16	11 10	3 1	22 57	0 43	26 42	3 32	22 45	0 54	7 45	2 37	12 36	0 23	16 10	1 1	27 49	4 6	18 36	18 31	20 28		n.a.
W27	20 24	15 30	5 12	11 41	2 52	23 10	0 45	26 46	3 37	22 44	0 54	7 45	2 36	12 35	0 23	16 10	1 1	27 49	4 6	18 36	18 30	20 26		n.a.
T 28	20 36	9 43	4 49	12 13	2 42	23 22	0 47	26 50	3 42	22 42	0 54	7 45	2 36	12 34	0 23	16 10	1 1	27 49	4 7	18 36	18 29	20 24		n.a.
F 29	20 48	3 29	4 9	12 47	2 33	23 33	0 49	26 54	3 46	22 40	0 54	7 44	2 36	12 33	0 23	16 10	1 1	27 49	4 7	18 36	18 28	20 22		n.a.
S 30	20 59	2n50	3 14	13 22	2 22	23 44	0 51	26 58	3 51	22 38	0 54	7 44	2 36	12 33	0 23	16 10	1 1	27 49	4 7	18 36	18 27	20 20		n.a.
S 31	21n10	8n57	2s10	13n57	2s12	23n54	0n53	27s 2	3s56	22n37	0n54	7n43	2n35	12s32	0n23	16s10	1s 1	27n49	4n 7	18n37	18n26	20n18		n.a.

Julian Day Number = 1616716.5, Delta T = 03h49m59s
Ecliptic obliquity = 23°43'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'44, Lahiri = - 7°54'43 Julian Calendar 1 May 287 BCE == Greg. Calendar 27 Apr. 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

JUNE 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 19 17	4♊46'55	11♉41	14♉50	17♊33	12♑41	23♋15	16♍38	3°R37	19°R22	2♋37	22♉29	21♉45	18♌45	n.a.	M 1
T 2	16 23 13	5°44'03	24°54	16°21	18°46	12°44	23°26	16°39	3♏35	19♒21	2°39	22°R29	21°42	18°51	n.a.	T 2
W 3	16 27 10	6°41'10	7♊53	17°55	20° 0	12°47	23°37	16°40	3°33	19°21	2°40	22°29	21°39	18°58	n.a.	W 3
T 4	16 31 6	7°38'18	20°38	19°33	21°13	12°48	23°47	16°40	3°31	19°21	2°42	22°27	21°36	19° 5	n.a.	T 4
F 5	16 35 3	8°35'26	3♋ 8	21°15	22°27	12°R49	23°58	16°42	3°30	19°21	2°43	22°25	21°33	19°12	n.a.	F 5
S 6	16 38 59	9°32'34	15°26	22°59	23°41	12°49	24° 9	16°43	3°28	19°20	2°45	22°23	21°30	19°18	n.a.	S 6
S 7	16 42 56	10°29'41	27°33	24°47	24°54	12°48	24°20	16°44	3°26	19°20	2°47	22°20	21°26	19°25	n.a.	S 7
M 8	16 46 53	11°26'49	9♌32	26°37	26° 8	12°46	24°31	16°45	3°24	19°20	2°48	22°18	21°23	19°32	n.a.	M 8
T 9	16 50 49	12°23'57	21°26	28°31	27°21	12°44	24°42	16°47	3°22	19°19	2°50	22°16	21°20	19°39	n.a.	T 9
W10	16 54 46	13°21'05	3♍19	0♊27	28°35	12°41	24°54	16°48	3°21	19°19	2°51	22°14	21°17	19°45	n.a.	W10
T 11	16 58 42	14°18'13	15°15	2°25	29°48	12°37	25° 5	16°50	3°19	19°18	2°53	22°D14	21°14	19°52	n.a.	T 11
F 12	17 2 39	15°15'21	27°19	4°26	1♋ 2	12°32	25°16	16°51	3°17	19°18	2°55	22°15	21°10	19°59	n.a.	F 12
S 13	17 6 35	16°12'29	9♎36	6°29	2°15	12°27	25°27	16°53	3°16	19°17	2°56	22°16	21° 7	20° 5	n.a.	S 13
S 14	17 10 32	17° 9'38	22°10	8°33	3°29	12°21	25°39	16°55	3°14	19°17	2°58	22°17	21° 4	20°12	n.a.	S 14
M15	17 14 28	18° 6'46	5♏ 5	10°39	4°42	12°14	25°50	16°57	3°13	19°16	3° 0	22°19	21° 1	20°19	n.a.	M15
T 16	17 18 25	19° 3'55	18°22	12°46	5°56	12° 6	26° 2	16°59	3°11	19°16	3° 1	22°R20	20°58	20°26	n.a.	T 16
W17	17 22 22	20° 1'05	2♐ 4	14°53	7°10	11°58	26°14	17° 1	3°10	19°15	3° 3	22°19	20°55	20°32	n.a.	W17
T 18	17 26 18	20°58'15	16° 7	17° 1	8°23	11°49	26°25	17° 4	3° 8	19°14	3° 5	22°18	20°51	20°39	n.a.	T 18
F 19	17 30 15	21°55'25	0♑30	19° 9	9°37	11°40	26°37	17° 6	3° 7	19°14	3° 6	22°15	20°48	20°46	n.a.	F 19
S 20	17 34 11	22°52'37	15° 6	21°17	10°50	11°30	26°49	17° 8	3° 6	19°13	3° 8	22°11	20°45	20°53	n.a.	S 20
S 21	17 38 8	23°49'49	29°49	23°25	12° 3	11°19	27° 1	17°11	3° 4	19°12	3°10	22° 7	20°42	20°59	n.a.	S 21
M22	17 42 4	24°47'02	14♒32	25°32	13°17	11° 8	27°13	17°14	3° 3	19°12	3°11	22° 2	20°39	21° 6	n.a.	M22
T 23	17 46 1	25°44'16	29° 7	27°38	14°30	10°56	27°25	17°16	3° 2	19°11	3°13	21°59	20°36	21°13	n.a.	T 23
W24	17 49 58	26°41'30	13♓30	29°43	15°44	10°43	27°37	17°19	3° 1	19°10	3°15	21°57	20°32	21°19	n.a.	W24
T 25	17 53 54	27°38'46	27°38	1♋47	16°57	10°30	27°49	17°22	3° 0	19° 9	3°17	21°D56	20°29	21°26	n.a.	T 25
F 26	17 57 51	28°36'03	11♈28	3°50	18°11	10°17	28° 1	17°25	2°59	19° 8	3°18	21°57	20°26	21°33	n.a.	F 26
S 27	18 1 47	29°33'21	25° 3	5°51	19°24	10° 3	28°13	17°28	2°58	19° 7	3°20	21°58	20°23	21°40	n.a.	S 27
S 28	18 5 44	0♋30'41	8♉21	7°51	20°38	9°48	28°25	17°31	2°57	19° 6	3°22	21°59	20°20	21°46	n.a.	S 28
M29	18 9 40	1°28'01	21°25	9°50	21°51	9°34	28°37	17°34	2°56	19° 5	3°23	22°R 0	20°16	21°53	n.a.	M29
T 30	18 13 37	2♋25'23	4♊16	11♋47	23♋ 5	9♑19	28♋50	17♍38	2♏55	19♒ 4	3♋25	21♉59	20♉13	22♌ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n21	14n35	0s59	14n34	2s 1	24n 3	0n55	27s 7	4s 1	22n35	0n54	7n43	2n35	12s31	0n23	16s10	1s 1	27n49	4n 7	18n37	18n26	20n16		n.a.
T 2	21 31	19 26	0n13	15 11	1 49	24 12	0 57	27 11	4 5	22 33	0 54	7 42	2 35	12 31	0 22	16 10	1 1	27 49	4 7	18 37	18 25	20 14		n.a.
W 3	21 41	23 16	1 24	15 49	1 38	24 20	0 59	27 16	4 10	22 31	0 53	7 42	2 35	12 30	0 22	16 10	1 1	27 49	4 7	18 37	18 24	20 11		n.a.
T 4	21 51	25 52	2 29	16 28	1 26	24 27	1 1	27 20	4 15	22 29	0 53	7 41	2 34	12 29	0 22	16 10	1 1	27 49	4 7	18 36	18 23	20 9		n.a.
F 5	22 0	27 7	3 26	17 6	1 14	24 34	1 3	27 25	4 20	22 27	0 53	7 41	2 34	12 29	0 22	16 10	1 2	27 49	4 7	18 36	18 22	20 7		n.a.
S 6	22 9	27 0	4 12	17 45	1 2	24 39	1 5	27 30	4 25	22 25	0 53	7 40	2 34	12 28	0 22	16 10	1 2	27 49	4 7	18 35	18 21	20 5		n.a.
S 7	22 18	25 34	4 46	18 24	0 50	24 44	1 6	27 35	4 29	22 23	0 53	7 39	2 34	12 28	0 22	16 11	1 2	27 49	4 7	18 35	18 21	20 3		n.a.
M 8	22 26	23 0	5 7	19 2	0 37	24 49	1 8	27 40	4 34	22 21	0 53	7 39	2 34	12 27	0 22	16 11	1 2	27 49	4 7	18 34	18 20	20 1		n.a.
T 9	22 33	19 29	5 14	19 39	0 25	24 52	1 10	27 45	4 39	22 19	0 53	7 38	2 33	12 26	0 22	16 11	1 2	27 49	4 7	18 33	18 19	19 59		n.a.
W10	22 41	15 12	5 9	20 16	0 14	24 55	1 11	27 50	4 44	22 17	0 53	7 37	2 33	12 26	0 22	16 11	1 2	27 49	4 7	18 33	18 18	19 56		n.a.
T 11	22 48	10 19	4 50	20 52	0 2	24 57	1 13	27 55	4 49	22 15	0 53	7 36	2 33	12 25	0 22	16 11	1 2	27 49	4 7	18 33	18 17	19 54		n.a.
F 12	22 54	5 0	4 18	21 26	0n 9	24 58	1 15	28 0	4 53	22 13	0 53	7 35	2 33	12 25	0 22	16 12	1 2	27 49	4 7	18 33	18 16	19 52		n.a.
S 13	23 0	0s35	3 33	21 59	0 20	24 59	1 16	28 5	4 58	22 11	0 53	7 34	2 32	12 24	0 22	16 12	1 2	27 49	4 7	18 33	18 15	19 50		n.a.
S 14	23 6	6 18	2 38	22 30	0 31	24 59	1 17	28 10	5 3	22 9	0 53	7 33	2 32	12 24	0 22	16 12	1 2	27 49	4 7	18 34	18 15	19 48		n.a.
M15	23 12	11 55	1 33	22 59	0 41	24 58	1 19	28 16	5 7	22 6	0 53	7 32	2 32	12 23	0 22	16 12	1 2	27 49	4 7	18 34	18 14	19 45		n.a.
T 16	23 16	17 10	0 22	23 26	0 50	24 56	1 20	28 21	5 12	22 4	0 53	7 31	2 32	12 23	0 22	16 12	1 2	27 49	4 7	18 34	18 13	19 43		n.a.
W17	23 21	21 42	0s53	23 50	0 59	24 53	1 21	28 26	5 16	22 2	0 53	7 30	2 31	12 22	0 22	16 13	1 2	27 49	4 7	18 34	18 12	19 41		n.a.
T 18	23 25	25 6	2 7	24 12	1 7	24 50	1 23	28 31	5 21	22 0	0 53	7 29	2 31	12 22	0 22	16 13	1 2	27 49	4 7	18 34	18 11	19 39		n.a.
F 19	23 29	26 57	3 14	24 31	1 14	24 46	1 24	28 36	5 25	21 57	0 53	7 28	2 31	12 21	0 22	16 13	1 2	27 49	4 7	18 33	18 10	19 37		n.a.
S 20	23 32	26 59	4 9	24 48	1 21	24 42	1 25	28 42	5 29	21 55	0 53	7 27	2 31	12 21	0 22	16 13	1 2	27 49	4 7	18 32	18 10	19 34		n.a.
S 21	23 35	25 8	4 48	25 1	1 27	24 36	1 26	28 47	5 33	21 53	0 53	7 26	2 30	12 20	0 22	16 14	1 2	27 49	4 7	18 31	18 9	19 32		n.a.
M22	23 38	21 35	5 9	25 12	1 33	24 30	1 27	28 52	5 37	21 51	0 53	7 24	2 30	12 20	0 22	16 14	1 2	27 49	4 7	18 30	18 8	19 30		n.a.
T 23	23 40	16 44	5 9	25 20	1 37	24 23	1 28	28 57	5 41	21 48	0 53	7 23	2 30	12 20	0 22	16 14	1 2	27 49	4 7	18 29	18 7	19 28		n.a.
W24	23 41	11 1	4 50	25 25	1 41	24 15	1 29	29 2	5 45	21 46	0 53	7 22	2 30	12 19	0 22	16 15	1 2	27 49	4 7	18 29	18 6	19 26		n.a.
T 25	23 43	4 49	4 13	25 27	1 44	24 7	1 29	29 6	5 49	21 43	0 53	7 20	2 30	12 19	0 22	16 15	1 2	27 49	4 7	18 28	18 5	19 23		n.a.
F 26	23 43	1n29	3 22	25 27	1 47	23 58	1 30	29 11	5 52	21 41	0 53	7 19	2 29	12 19	0 22	16 15	1 2	27 49	4 8	18 29	18 4	19 21		n.a.
S 27	23 44	7 37	2 21	25 24	1 48	23 48	1 31	29 16	5 56	21 38	0 53	7 18	2 29	12 18	0 22	16 15	1 2	27 49	4 8	18 29	18 4	19 19		n.a.
S 28	23 44	13 18	1 14	25 19	1 50	23 38	1 31	29 20	5 59	21 36	0 53	7 16	2 29	12 18	0 22	16 16	1 2	27 49	4 8	18 29	18 3	19 16		n.a.
M29	23 43	18 17	0 3	25 11	1 50	23 27	1 32	29 24	6 2	21 33	0 53	7 15	2 29	12 18	0 22	16 16	1 2	27 49	4 8	18 29	18 2	19 14		n.a.
T 30	23n43	22n20	1n 6	25n 1	1n50	23n15	1n32	29s28	6s 5	21n31	0n53	7n13	2n28	12s17	0n22	16s17	1s 3	27n49	4n 8	18n29	18n 1	19n12		n.a.

Julian Day Number = 1616747.5, Delta T = 03h49m58s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'40, Lahiri = - 7°54'39 Julian Calendar 1 June 287 BCE == Greg. Calendar 28 May 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

JULY 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 17 33	3♋22'46	16♊55	13♋43	24♋18	9°R 4	29♋ 2	17♍41	2°R54	19°R 3	3♋27	21°R57	20♉10	22♌ 7	n.a.	W 1
T 2	18 21 30	4°20'10	29°23	15°36	25°31	8♏48	29°14	17°45	2♏53	19♒ 2	3°29	21♉52	20° 7	22°13	n.a.	T 2
F 3	18 25 27	5°17'35	11♋42	17°29	26°45	8°32	29°27	17°48	2°53	19° 1	3°30	21°46	20° 4	22°20	n.a.	F 3
S 4	18 29 23	6°15'01	23°51	19°20	27°58	8°16	29°39	17°52	2°52	19° 0	3°32	21°38	20° 1	22°27	n.a.	S 4
S 5	18 33 20	7°12'29	5♌53	21° 9	29°12	8° 1	29°52	17°56	2°51	18°59	3°34	21°29	19°57	22°33	n.a.	S 5
M 6	18 37 16	8° 9'57	17°49	22°56	0♌25	7°45	0♌ 4	17°59	2°51	18°58	3°35	21°21	19°54	22°40	n.a.	M 6
T 7	18 41 13	9° 7'26	29°41	24°42	1°39	7°29	0°17	18° 3	2°50	18°57	3°37	21°14	19°51	22°47	n.a.	T 7
W 8	18 45 9	10° 4'56	11♍32	26°27	2°52	7°13	0°29	18° 7	2°50	18°56	3°39	21° 8	19°48	22°54	n.a.	W 8
T 9	18 49 6	11° 2'27	23°26	28°10	4° 5	6°57	0°42	18°11	2°49	18°54	3°40	21° 4	19°45	23° 0	n.a.	T 9
F 10	18 53 2	11°59'59	5♎28	29°51	5°19	6°41	0°55	18°15	2°49	18°53	3°42	21° 3	19°42	23° 7	n.a.	F 10
S 11	18 56 59	12°57'32	17°42	1♌31	6°32	6°26	1° 7	18°20	2°49	18°52	3°44	21°D 3	19°38	23°14	n.a.	S 11
S 12	19 0 56	13°55'06	0♏13	3° 9	7°45	6°11	1°20	18°24	2°48	18°51	3°46	21° 3	19°35	23°21	n.a.	S 12
M13	19 4 52	14°52'41	13° 5	4°46	8°59	5°56	1°33	18°28	2°48	18°49	3°47	21° 4	19°32	23°27	n.a.	M13
T 14	19 8 49	15°50'17	26°23	6°21	10°12	5°41	1°46	18°33	2°48	18°48	3°49	21°R 4	19°29	23°34	n.a.	T 14
W15	19 12 45	16°47'55	10♐ 9	7°55	11°25	5°27	1°58	18°37	2°48	18°47	3°51	21° 3	19°26	23°41	n.a.	W15
T 16	19 16 42	17°45'33	24°23	9°27	12°38	5°13	2°11	18°42	2°48	18°45	3°52	20°59	19°22	23°47	n.a.	T 16
F 17	19 20 38	18°43'14	9♑ 1	10°57	13°52	5° 0	2°24	18°46	2°D48	18°44	3°54	20°53	19°19	23°54	n.a.	F 17
S 18	19 24 35	19°40'55	23°58	12°26	15° 5	4°47	2°37	18°51	2°48	18°43	3°56	20°45	19°16	24° 1	n.a.	S 18
S 19	19 28 32	20°38'38	9♒ 4	13°54	16°18	4°34	2°50	18°56	2°48	18°41	3°57	20°36	19°13	24° 8	n.a.	S 19
M20	19 32 28	21°36'23	24°10	15°20	17°31	4°23	3° 3	19° 1	2°48	18°40	3°59	20°28	19°10	24°14	n.a.	M20
T 21	19 36 25	22°34'09	9♓ 6	16°44	18°45	4°11	3°16	19° 6	2°48	18°38	4° 1	20°20	19° 7	24°21	n.a.	T 21
W22	19 40 21	23°31'57	23°44	18° 7	19°58	4° 0	3°29	19°11	2°48	18°37	4° 2	20°15	19° 3	24°28	n.a.	W22
T 23	19 44 18	24°29'46	8♈ 0	19°28	21°11	3°50	3°42	19°16	2°49	18°35	4° 4	20°12	19° 0	24°34	n.a.	T 23
F 24	19 48 14	25°27'38	21°52	20°47	22°24	3°41	3°55	19°21	2°49	18°34	4° 6	20°D10	18°57	24°41	n.a.	F 24
S 25	19 52 11	26°25'32	5♉21	22° 5	23°37	3°32	4° 8	19°26	2°49	18°32	4° 7	20°11	18°54	24°48	n.a.	S 25
S 26	19 56 7	27°23'27	18°28	23°21	24°50	3°24	4°21	19°31	2°50	18°31	4° 9	20°R11	18°51	24°55	n.a.	S 26
M27	20 0 4	28°21'25	1♊18	24°35	26° 3	3°17	4°34	19°37	2°50	18°29	4°10	20°11	18°48	25° 1	n.a.	M27
T 28	20 4 1	29°19'25	13°53	25°47	27°16	3°10	4°47	19°42	2°51	18°28	4°12	20° 8	18°44	25° 8	n.a.	T 28
W29	20 7 57	0♌17'26	26°17	26°57	28°30	3° 4	5° 0	19°47	2°52	18°26	4°13	20° 3	18°41	25°15	n.a.	W29
T 30	20 11 54	1°15'30	8♋31	28° 5	29°43	2°59	5°13	19°53	2°52	18°25	4°15	19°55	18°38	25°22	n.a.	T 30
F 31	20 15 50	2♌13'35	20♋38	29♌11	0♍56	2♑54	5♌26	19♍58	2♏53	18♒23	4♋17	19♉45	18♉35	25♌28	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n41	25n15	2n11	24n49	1n49	23n 2	1n33	29s32	6s 8	21n28	0n53	7n12	2n28	12s17	0n22	16s17	1s 3	27n49	4n 8	18n29	18n 0	19n10			n.a.
T 2	23 40	26 52	3 8	24 35	1 47	22 49	1 33	29 36	6 11	21 26	0 53	7 10	2 28	12 17	0 22	16 17	1 3	27 49	4 8	18 27	17 59	19 7			n.a.
F 3	23 37	27 8	3 56	24 19	1 46	22 35	1 33	29 40	6 13	21 23	0 53	7 8	2 28	12 17	0 22	16 18	1 3	27 49	4 8	18 26	17 58	19 5			n.a.
S 4	23 35	26 4	4 32	24 1	1 43	22 21	1 33	29 43	6 16	21 20	0 53	7 7	2 28	12 17	0 22	16 18	1 3	27 49	4 8	18 24	17 58	19 3			n.a.
S 5	23 32	23 48	4 56	23 42	1 40	22 5	1 33	29 46	6 18	21 18	0 53	7 5	2 27	12 16	0 22	16 18	1 3	27 49	4 8	18 21	17 57	19 1			n.a.
M 6	23 29	20 32	5 6	23 20	1 37	21 50	1 34	29 49	6 20	21 15	0 53	7 3	2 27	12 16	0 22	16 19	1 3	27 49	4 8	18 19	17 56	18 58			n.a.
T 7	23 25	16 27	5 4	22 58	1 33	21 33	1 33	29 52	6 21	21 12	0 53	7 2	2 27	12 16	0 22	16 19	1 3	27 49	4 8	18 17	17 55	18 56			n.a.
W 8	23 21	11 45	4 48	22 34	1 28	21 16	1 33	29 54	6 23	21 10	0 53	7 0	2 27	12 16	0 22	16 20	1 3	27 49	4 8	18 16	17 54	18 54			n.a.
T 9	23 16	6 36	4 20	22 9	1 23	20 59	1 33	29 57	6 24	21 7	0 53	6 58	2 27	12 16	0 22	16 20	1 3	27 49	4 8	18 15	17 53	18 51			n.a.
F 10	23 11	1 10	3 40	21 42	1 18	20 40	1 33	29 59	6 26	21 4	0 53	6 56	2 26	12 16	0 22	16 20	1 3	27 49	4 9	18 14	17 52	18 49			n.a.
S 11	23 5	4s25	2 49	21 15	1 13	20 22	1 33	30 1	6 27	21 1	0 53	6 54	2 26	12 16	0 22	16 21	1 3	27 49	4 9	18 14	17 51	18 47			n.a.
S 12	23 0	9 59	1 50	20 46	1 7	20 2	1 32	30 2	6 28	20 58	0 54	6 52	2 26	12 15	0 22	16 21	1 3	27 49	4 9	18 14	17 51	18 44			n.a.
M13	22 53	15 17	0 43	20 17	1 1	19 42	1 32	30 4	6 28	20 56	0 54	6 51	2 26	12 15	0 21	16 22	1 3	27 49	4 9	18 15	17 50	18 42			n.a.
T 14	22 47	20 3	0s28	19 47	0 54	19 22	1 31	30 5	6 29	20 53	0 54	6 49	2 26	12 15	0 21	16 22	1 3	27 49	4 9	18 15	17 49	18 40			n.a.
W15	22 40	23 54	1 40	19 16	0 47	19 1	1 30	30 6	6 29	20 50	0 54	6 47	2 25	12 15	0 21	16 23	1 3	27 49	4 9	18 14	17 48	18 37			n.a.
T 16	22 32	26 25	2 48	18 45	0 40	18 39	1 30	30 6	6 29	20 47	0 54	6 45	2 25	12 15	0 21	16 23	1 3	27 49	4 9	18 13	17 47	18 35			n.a.
F 17	22 24	27 12	3 47	18 13	0 32	18 17	1 29	30 7	6 29	20 44	0 54	6 43	2 25	12 15	0 21	16 23	1 3	27 49	4 9	18 12	17 46	18 33			n.a.
S 18	22 16	26 2	4 32	17 40	0 25	17 55	1 28	30 7	6 29	20 41	0 54	6 41	2 25	12 15	0 21	16 24	1 3	27 50	4 9	18 10	17 45	18 30			n.a.
S 19	22 7	22 59	4 58	17 7	0 17	17 32	1 27	30 7	6 28	20 38	0 54	6 39	2 25	12 15	0 21	16 24	1 3	27 50	4 9	18 7	17 44	18 28			n.a.
M20	21 58	18 23	5 3	16 34	0 9	17 8	1 26	30 7	6 28	20 35	0 54	6 36	2 24	12 16	0 21	16 25	1 3	27 50	4 9	18 5	17 44	18 25			n.a.
T 21	21 49	12 41	4 48	16 1	0 0	16 44	1 25	30 7	6 27	20 32	0 54	6 34	2 24	12 16	0 21	16 25	1 3	27 50	4 10	18 3	17 43	18 23			n.a.
W22	21 39	6 23	4 14	15 27	0s 8	16 20	1 24	30 6	6 26	20 29	0 54	6 32	2 24	12 16	0 21	16 26	1 3	27 50	4 10	18 1	17 42	18 21			n.a.
T 23	21 29	0n 5	3 25	14 54	0 17	15 55	1 23	30 5	6 25	20 26	0 54	6 30	2 24	12 16	0 21	16 26	1 3	27 50	4 10	18 1	17 41	18 18			n.a.
F 24	21 18	6 23	2 25	14 20	0 26	15 30	1 22	30 4	6 24	20 23	0 54	6 28	2 24	12 16	0 21	16 27	1 3	27 50	4 10	18 0	17 40	18 16			n.a.
S 25	21 7	12 14	1 18	13 46	0 35	15 4	1 20	30 3	6 22	20 20	0 54	6 26	2 24	12 16	0 21	16 27	1 3	27 50	4 10	18 0	17 39	18 13			n.a.
S 26	20 56	17 23	0 9	13 12	0 44	14 38	1 19	30 2	6 21	20 17	0 54	6 23	2 23	12 16	0 21	16 28	1 3	27 50	4 10	18 0	17 38	18 11			n.a.
M27	20 45	21 38	0n59	12 39	0 54	14 12	1 17	30 0	6 19	20 14	0 54	6 21	2 23	12 17	0 21	16 28	1 3	27 50	4 10	18 0	17 37	18 9			n.a.
T 28	20 32	24 46	2 2	12 6	1 3	13 45	1 16	29 59	6 17	20 11	0 54	6 19	2 23	12 17	0 21	16 29	1 3	27 50	4 10	18 0	17 37	18 6			n.a.
W29	20 20	26 40	2 59	11 33	1 13	13 18	1 14	29 57	6 15	20 8	0 54	6 17	2 23	12 17	0 21	16 29	1 3	27 50	4 10	17 58	17 36	18 4			n.a.
T 30	20 7	27 13	3 46	11 0	1 22	12 50	1 12	29 55	6 13	20 4	0 54	6 14	2 23	12 17	0 21	16 30	1 3	27 50	4 11	17 56	17 35	18 1			n.a.
F 31	19n54	26n27	4n23	10n28	1s32	12n23	1n11	29s53	6s11	20n 1	0n54	6n12	2n23	12s18	0n21	16s30	1s 3	27n50	4n11	17n53	17n34	17n59			n.a.

Julian Day Number = 1616777.5, Delta T = 03h49m57s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'36, Lahiri = - 7°54'35 Julian Calendar 1 July 287 BCE == Greg. Calendar 27 June 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

AUGUST 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 19 47	3♌11'42	2♌39	0♍14	2♍ 9	2°R51	5♌39	20♍ 4	2♏54	18°R22	4♋18	19°R32	18♉32	25♌35	n.a.	S 1
S 2	20 23 43	4° 9'51	14°35	1°16	3°22	2♑48	5°52	20°10	2°55	18♒20	4°20	19♉19	18°28	25°42	n.a.	S 2
M 3	20 27 40	5° 8'02	26°28	2°14	4°35	2°46	6° 5	20°15	2°55	18°18	4°21	19° 6	18°25	25°48	n.a.	M 3
T 4	20 31 36	6° 6'14	8♍18	3°10	5°48	2°45	6°18	20°21	2°56	18°17	4°23	18°53	18°22	25°55	n.a.	T 4
W 5	20 35 33	7° 4'28	20°10	4° 3	7° 1	2°D45	6°31	20°27	2°57	18°15	4°24	18°43	18°19	26° 2	n.a.	W 5
T 6	20 39 30	8° 2'44	2♎ 4	4°53	8°13	2°45	6°44	20°33	2°58	18°14	4°26	18°36	18°16	26° 9	n.a.	T 6
F 7	20 43 26	9° 1'01	14° 5	5°39	9°26	2°46	6°57	20°39	2°59	18°12	4°27	18°31	18°13	26°15	n.a.	F 7
S 8	20 47 23	9°59'20	26°16	6°22	10°39	2°48	7°10	20°45	3° 0	18°10	4°29	18°29	18° 9	26°22	n.a.	S 8
S 9	20 51 19	10°57'41	8♏43	7° 1	11°52	2°51	7°23	20°51	3° 2	18° 9	4°30	18°D29	18° 6	26°29	n.a.	S 9
M10	20 55 16	11°56'03	21°31	7°37	13° 5	2°55	7°36	20°57	3° 3	18° 7	4°31	18°R29	18° 3	26°36	n.a.	M10
T 11	20 59 12	12°54'28	4♐43	8° 8	14°18	3° 0	7°49	21° 3	3° 4	18° 5	4°33	18°28	18° 0	26°42	n.a.	T 11
W12	21 3 9	13°52'54	18°24	8°34	15°31	3° 5	8° 2	21° 9	3° 5	18° 4	4°34	18°26	17°57	26°49	n.a.	W12
T 13	21 7 5	14°51'21	2♑35	8°55	16°43	3°11	8°15	21°15	3° 7	18° 2	4°36	18°21	17°54	26°56	n.a.	T 13
F 14	21 11 2	15°49'51	17°14	9°11	17°56	3°18	8°28	21°22	3° 8	18° 0	4°37	18°13	17°50	27° 2	n.a.	F 14
S 15	21 14 59	16°48'22	2♒17	9°22	19° 9	3°26	8°41	21°28	3°10	17°59	4°38	18° 4	17°47	27° 9	n.a.	S 15
S 16	21 18 55	17°46'55	17°34	9°R26	20°21	3°34	8°54	21°34	3°11	17°57	4°40	17°53	17°44	27°16	n.a.	S 16
M17	21 22 52	18°45'30	2♓54	9°24	21°34	3°43	9° 7	21°41	3°13	17°55	4°41	17°42	17°41	27°23	n.a.	M17
T 18	21 26 48	19°44'08	18° 6	9°16	22°47	3°53	9°20	21°47	3°14	17°54	4°42	17°32	17°38	27°29	n.a.	T 18
W19	21 30 45	20°42'47	3♈ 0	9° 1	23°59	4° 3	9°33	21°54	3°16	17°52	4°44	17°25	17°34	27°36	n.a.	W19
T 20	21 34 41	21°41'29	17°29	8°38	25°12	4°15	9°46	22° 0	3°18	17°50	4°45	17°20	17°31	27°43	n.a.	T 20
F 21	21 38 38	22°40'13	1♉30	8° 9	26°24	4°27	9°59	22° 7	3°19	17°49	4°46	17°18	17°28	27°49	n.a.	F 21
S 22	21 42 34	23°38'59	15° 2	7°32	27°37	4°39	10°12	22°13	3°21	17°47	4°47	17°17	17°25	27°56	n.a.	S 22
S 23	21 46 31	24°37'48	28°10	6°49	28°49	4°53	10°25	22°20	3°23	17°46	4°49	17°17	17°22	28° 3	n.a.	S 23
M24	21 50 27	25°36'40	10♊55	6° 0	0♎ 1	5° 7	10°38	22°26	3°25	17°44	4°50	17°16	17°19	28°10	n.a.	M24
T 25	21 54 24	26°35'33	23°23	5° 4	1°14	5°21	10°50	22°33	3°27	17°42	4°51	17°14	17°15	28°16	n.a.	T 25
W26	21 58 21	27°34'29	5♋38	4° 4	2°26	5°37	11° 3	22°40	3°29	17°41	4°52	17° 9	17°12	28°23	n.a.	W26
T 27	22 2 17	28°33'28	17°43	2°59	3°39	5°52	11°16	22°47	3°31	17°39	4°53	17° 1	17° 9	28°30	n.a.	T 27
F 28	22 6 14	29°32'29	29°42	1°53	4°51	6° 9	11°29	22°53	3°33	17°37	4°54	16°50	17° 6	28°37	n.a.	F 28
S 29	22 10 10	0♍31'32	11♌36	0°45	6° 3	6°26	11°41	23° 0	3°35	17°36	4°55	16°38	17° 3	28°43	n.a.	S 29
S 30	22 14 7	1°30'37	23°29	29♌39	7°15	6°44	11°54	23° 7	3°37	17°34	4°56	16°24	16°59	28°50	n.a.	S 30
M31	22 18 3	2♍29'44	5♍21	28♌35	8♎28	7♑ 2	12♌ 7	23♍14	3♏40	17♒33	4♋58	16♉10	16♉56	28♌57	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n41	24n28	4n48	9n57	1s41	11n54	1n 9	29s51	6s 9	19n58	0n54	6n10	2n22	12s18	0n21	16s31	1s 3	27n50	4n11	17n50	17n33	17n56		n.a.
S 2	19 27	21 25	4 59	9 26	1 51	11 26	1 7	29 49	6 7	19 55	0 54	6 7	2 22	12 18	0 21	16 31	1 3	27 50	4 11	17 46	17 32	17 54		n.a.
M 3	19 13	17 30	4 58	8 56	2 1	10 57	1 5	29 46	6 4	19 52	0 55	6 5	2 22	12 18	0 21	16 32	1 4	27 50	4 11	17 42	17 31	17 52		n.a.
T 4	18 59	12 55	4 43	8 27	2 10	10 28	1 3	29 44	6 2	19 48	0 55	6 2	2 22	12 19	0 21	16 32	1 4	27 51	4 11	17 39	17 30	17 49		n.a.
W 5	18 44	7 52	4 17	7 58	2 20	9 59	1 1	29 41	5 59	19 45	0 55	6 0	2 22	12 19	0 21	16 33	1 4	27 51	4 11	17 36	17 29	17 47		n.a.
T 6	18 29	2 31	3 39	7 31	2 29	9 29	0 59	29 38	5 56	19 42	0 55	5 57	2 22	12 20	0 21	16 33	1 4	27 51	4 11	17 34	17 29	17 44		n.a.
F 7	18 13	3s 0	2 51	7 6	2 39	9 0	0 56	29 35	5 53	19 39	0 55	5 55	2 22	12 20	0 21	16 34	1 4	27 51	4 12	17 33	17 28	17 42		n.a.
S 8	17 58	8 29	1 55	6 41	2 48	8 30	0 54	29 33	5 51	19 35	0 55	5 52	2 21	12 20	0 21	16 35	1 4	27 51	4 12	17 32	17 27	17 39		n.a.
S 9	17 42	13 46	0 51	6 18	2 57	7 59	0 52	29 30	5 48	19 32	0 55	5 50	2 21	12 21	0 21	16 35	1 4	27 51	4 12	17 32	17 26	17 37		n.a.
M10	17 25	18 37	0s16	5 57	3 6	7 29	0 49	29 27	5 45	19 29	0 55	5 47	2 21	12 21	0 21	16 36	1 4	27 51	4 12	17 32	17 25	17 34		n.a.
T 11	17 9	22 44	1 25	5 38	3 14	6 58	0 47	29 23	5 42	19 25	0 55	5 45	2 21	12 22	0 21	16 36	1 4	27 51	4 12	17 32	17 24	17 32		n.a.
W12	16 52	25 43	2 31	5 20	3 22	6 28	0 44	29 20	5 39	19 22	0 55	5 42	2 21	12 22	0 21	16 37	1 4	27 51	4 12	17 31	17 23	17 29		n.a.
T 13	16 35	27 13	3 30	5 5	3 29	5 57	0 42	29 17	5 36	19 19	0 55	5 40	2 21	12 23	0 21	16 37	1 4	27 51	4 12	17 30	17 22	17 27		n.a.
F 14	16 17	26 52	4 18	4 53	3 36	5 26	0 39	29 14	5 32	19 15	0 55	5 37	2 21	12 23	0 21	16 38	1 4	27 51	4 13	17 28	17 21	17 24		n.a.
S 15	15 59	24 35	4 49	4 43	3 43	4 54	0 36	29 10	5 29	19 12	0 55	5 34	2 21	12 24	0 21	16 38	1 4	27 51	4 13	17 25	17 21	17 22		n.a.
S 16	15 41	20 30	5 0	4 36	3 48	4 23	0 34	29 7	5 26	19 9	0 56	5 32	2 21	12 24	0 21	16 39	1 4	27 52	4 13	17 22	17 20	17 19		n.a.
M17	15 23	15 3	4 50	4 33	3 53	3 51	0 31	29 3	5 23	19 5	0 56	5 29	2 20	12 25	0 21	16 39	1 4	27 52	4 13	17 19	17 19	17 17		n.a.
T 18	15 5	8 43	4 19	4 33	3 57	3 20	0 28	29 0	5 19	19 2	0 56	5 26	2 20	12 25	0 21	16 40	1 4	27 52	4 13	17 16	17 18	17 14		n.a.
W19	14 46	2 1	3 31	4 36	3 59	2 48	0 25	28 56	5 16	18 58	0 56	5 24	2 20	12 26	0 20	16 40	1 4	27 52	4 13	17 14	17 17	17 12		n.a.
T 20	14 27	4n38	2 30	4 43	4 0	2 16	0 22	28 52	5 13	18 55	0 56	5 21	2 20	12 27	0 20	16 41	1 4	27 52	4 13	17 13	17 16	17 9		n.a.
F 21	14 8	10 51	1 22	4 54	4 0	1 45	0 19	28 49	5 10	18 52	0 56	5 18	2 20	12 27	0 20	16 41	1 4	27 52	4 14	17 12	17 15	17 7		n.a.
S 22	13 48	16 21	0 12	5 10	3 58	1 13	0 16	28 45	5 6	18 48	0 56	5 16	2 20	12 28	0 20	16 42	1 4	27 52	4 14	17 12	17 14	17 4		n.a.
S 23	13 28	20 55	0n57	5 29	3 55	0 41	0 13	28 41	5 3	18 45	0 56	5 13	2 20	12 29	0 20	16 42	1 4	27 52	4 14	17 12	17 13	17 2		n.a.
M24	13 8	24 21	2 1	5 52	3 50	0 9	0 10	28 37	5 0	18 41	0 56	5 10	2 20	12 29	0 20	16 43	1 4	27 52	4 14	17 12	17 12	16 59		n.a.
T 25	12 48	26 32	2 58	6 19	3 42	0s23	0 7	28 33	4 56	18 38	0 56	5 8	2 20	12 30	0 20	16 43	1 4	27 53	4 14	17 11	17 11	16 57		n.a.
W26	12 28	27 22	3 46	6 50	3 33	0 55	0 4	28 29	4 53	18 34	0 56	5 5	2 20	12 31	0 20	16 44	1 4	27 53	4 14	17 10	17 11	16 54		n.a.
T 27	12 7	26 53	4 22	7 24	3 22	1 27	0 1	28 25	4 49	18 31	0 57	5 2	2 20	12 31	0 20	16 44	1 4	27 53	4 15	17 7	17 10	16 51		n.a.
F 28	11 46	25 8	4 47	8 0	3 9	1 59	0s 2	28 21	4 46	18 27	0 57	4 59	2 19	12 32	0 20	16 45	1 4	27 53	4 15	17 4	17 9	16 49		n.a.
S 29	11 25	22 17	4 59	8 38	2 54	2 31	0 6	28 17	4 43	18 24	0 57	4 56	2 19	12 33	0 20	16 45	1 4	27 53	4 15	17 1	17 8	16 46		n.a.
S 30	11 4	18 32	4 58	9 17	2 37	3 3	0 9	28 12	4 39	18 20	0 57	4 54	2 19	12 34	0 20	16 46	1 4	27 53	4 15	16 57	17 7	16 44		n.a.
M31	10n43	14n 3	4n44	9n57	2s19	3s35	0s12	28s 8	4s36	18n17	0n57	4n51	2n19	12s34	0n20	16s46	1s 4	27n53	4n15	16n53	17n 6	16n41		n.a.

Julian Day Number = 1616808.5, Delta T = 03h49m56s
Ecliptic obliquity = 23°43'54, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'31, Lahiri = - 7°54'31 Julian Calendar 1 Aug. 287 BCE == Greg. Calendar 28 July 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

SEPTEMBER 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 22 0	3♍28'53	17♍13	27°R35	9♎40	7♑21	12♌19	23♍21	3♏42	17°R31	4♋59	15°R57	16♉53	29♌ 3	n.a.	T 1
W 2	22 25 56	4°28'05	29° 8	26♌41	10°52	7°40	12°32	23°28	3°44	17♒29	5° 0	15♉47	16°50	29°10	n.a.	W 2
T 3	22 29 53	5°27'18	11♎ 6	25°55	12° 4	8° 0	12°45	23°34	3°46	17°28	5° 1	15°39	16°47	29°17	n.a.	T 3
F 4	22 33 50	6°26'34	23°11	25°18	13°16	8°21	12°57	23°41	3°49	17°26	5° 1	15°34	16°44	29°24	n.a.	F 4
S 5	22 37 46	7°25'51	5♏26	24°50	14°28	8°42	13°10	23°48	3°51	17°25	5° 2	15°32	16°40	29°30	n.a.	S 5
S 6	22 41 43	8°25'11	17°54	24°32	15°40	9° 4	13°22	23°55	3°54	17°23	5° 3	15°D31	16°37	29°37	n.a.	S 6
M 7	22 45 39	9°24'32	0♐39	24°D25	16°52	9°26	13°34	24° 2	3°56	17°22	5° 4	15°32	16°34	29°44	n.a.	M 7
T 8	22 49 36	10°23'56	13°46	24°29	18° 4	9°48	13°47	24° 9	3°59	17°20	5° 5	15°R32	16°31	29°50	n.a.	T 8
W 9	22 53 32	11°23'21	27°18	24°44	19°16	10°12	13°59	24°17	4° 1	17°19	5° 6	15°31	16°28	29°57	n.a.	W 9
T 10	22 57 29	12°22'48	11♑18	25° 8	20°28	10°35	14°11	24°24	4° 4	17°17	5° 7	15°27	16°25	0♍ 4	n.a.	T 10
F 11	23 1 25	13°22'17	25°46	25°42	21°39	10°59	14°23	24°31	4° 6	17°16	5° 8	15°22	16°21	0°11	n.a.	F 11
S 12	23 5 22	14°21'48	10♒38	26°26	22°51	11°24	14°36	24°38	4° 9	17°14	5° 8	15°14	16°18	0°17	n.a.	S 12
S 13	23 9 18	15°21'20	25°48	27°17	24° 3	11°48	14°48	24°45	4°12	17°13	5° 9	15° 5	16°15	0°24	n.a.	S 13
M14	23 13 15	16°20'55	11♓ 5	28°16	25°14	12°14	15° 0	24°52	4°15	17°12	5°10	14°56	16°12	0°31	n.a.	M14
T 15	23 17 12	17°20'31	26°20	29°22	26°26	12°39	15°12	24°59	4°17	17°10	5°11	14°48	16° 9	0°38	n.a.	T 15
W16	23 21 8	18°20'10	11♈20	0♍34	27°37	13° 5	15°24	25° 6	4°20	17° 9	5°11	14°42	16° 5	0°44	n.a.	W16
T 17	23 25 5	19°19'51	25°58	1°51	28°49	13°32	15°36	25°13	4°23	17° 7	5°12	14°38	16° 2	0°51	n.a.	T 17
F 18	23 29 1	20°19'35	10♉ 9	3°12	0♏ 0	13°59	15°47	25°21	4°26	17° 6	5°13	14°D36	15°59	0°58	n.a.	F 18
S 19	23 32 58	21°19'20	23°51	4°38	1°11	14°26	15°59	25°28	4°29	17° 5	5°13	14°37	15°56	1° 4	n.a.	S 19
S 20	23 36 54	22°19'08	7♊ 5	6° 6	2°23	14°53	16°11	25°35	4°32	17° 3	5°14	14°38	15°53	1°11	n.a.	S 20
M21	23 40 51	23°18'59	19°54	7°37	3°34	15°21	16°23	25°42	4°35	17° 2	5°14	14°R39	15°50	1°18	n.a.	M21
T 22	23 44 47	24°18'52	2♋23	9°11	4°45	15°50	16°34	25°49	4°38	17° 1	5°15	14°38	15°46	1°25	n.a.	T 22
W23	23 48 44	25°18'47	14°36	10°46	5°56	16°18	16°46	25°56	4°41	17° 0	5°15	14°36	15°43	1°31	n.a.	W23
T 24	23 52 41	26°18'45	26°38	12°22	7° 7	16°47	16°57	26° 4	4°44	16°59	5°16	14°32	15°40	1°38	n.a.	T 24
F 25	23 56 37	27°18'44	8♌34	14° 0	8°18	17°16	17° 9	26°11	4°47	16°57	5°16	14°25	15°37	1°45	n.a.	F 25
S 26	0 0 34	28°18'46	20°25	15°38	9°29	17°46	17°20	26°18	4°50	16°56	5°17	14°18	15°34	1°51	n.a.	S 26
S 27	0 4 30	29°18'50	2♍17	17°18	10°40	18°16	17°31	26°25	4°53	16°55	5°17	14° 9	15°31	1°58	n.a.	S 27
M28	0 8 27	0♎18'56	14°10	18°57	11°51	18°46	17°42	26°32	4°57	16°54	5°17	14° 0	15°27	2° 5	n.a.	M28
T 29	0 12 23	1°19'04	26° 7	20°37	13° 2	19°16	17°54	26°39	5° 0	16°53	5°18	13°52	15°24	2°12	n.a.	T 29
W30	0 16 20	2♎19'15	8♎ 9	22♍17	14♏12	19♑47	18♌ 5	26♍47	5♏ 3	16♒52	5♋18	13♉45	15♉21	2♍18	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n21	9n 3	4n17	10n35	2s 0	4s 7	0s16	28s 4	4s33	18n13	0n57	4n48	2n19	12s35	0n20	16s47	1s 4	27n53	4n15	16n49	17n 5	16n39		n.a.
W 2	9 59	3 42	3 40	11 12	1 40	4 39	0 19	27 59	4 29	18 10	0 57	4 45	2 19	12 36	0 20	16 47	1 4	27 54	4 16	16 46	17 4	16 36		n.a.
T 3	9 37	1s49	2 52	11 47	1 20	5 10	0 22	27 55	4 26	18 6	0 57	4 42	2 19	12 37	0 20	16 48	1 4	27 54	4 16	16 43	17 3	16 33		n.a.
F 4	9 15	7 20	1 56	12 18	1 0	5 42	0 26	27 50	4 23	18 3	0 57	4 40	2 19	12 38	0 20	16 48	1 4	27 54	4 16	16 42	17 2	16 31		n.a.
S 5	8 53	12 39	0 53	12 47	0 40	6 13	0 29	27 45	4 19	17 59	0 58	4 37	2 19	12 38	0 20	16 49	1 4	27 54	4 16	16 41	17 1	16 28		n.a.
S 6	8 31	17 35	0s13	13 10	0 21	6 44	0 33	27 41	4 16	17 56	0 58	4 34	2 19	12 39	0 20	16 49	1 4	27 54	4 16	16 41	17 1	16 26		n.a.
M 7	8 8	21 50	1 20	13 30	0 3	7 16	0 36	27 36	4 13	17 53	0 58	4 31	2 19	12 40	0 20	16 50	1 4	27 54	4 16	16 41	17 0	16 23		n.a.
T 8	7 46	25 7	2 24	13 45	0n15	7 47	0 40	27 31	4 10	17 49	0 58	4 28	2 19	12 41	0 20	16 50	1 4	27 54	4 17	16 41	16 59	16 20		n.a.
W 9	7 23	27 6	3 23	13 55	0 31	8 18	0 43	27 26	4 6	17 46	0 58	4 25	2 19	12 42	0 20	16 51	1 4	27 54	4 17	16 41	16 58	16 18		n.a.
T 10	7 0	27 26	4 12	14 1	0 45	8 48	0 46	27 21	4 3	17 42	0 58	4 22	2 19	12 43	0 20	16 51	1 4	27 55	4 17	16 40	16 57	16 15		n.a.
F 11	6 37	25 56	4 47	14 2	0 59	9 19	0 50	27 15	4 0	17 39	0 58	4 20	2 19	12 44	0 20	16 52	1 4	27 55	4 17	16 38	16 56	16 12		n.a.
S 12	6 14	22 38	5 3	13 58	1 11	9 49	0 53	27 10	3 57	17 35	0 59	4 17	2 19	12 45	0 20	16 52	1 4	27 55	4 17	16 36	16 55	16 10		n.a.
S 13	5 50	17 45	4 59	13 50	1 21	10 19	0 57	27 5	3 54	17 32	0 59	4 14	2 19	12 46	0 20	16 53	1 4	27 55	4 17	16 34	16 54	16 7		n.a.
M14	5 27	11 42	4 33	13 38	1 30	10 49	1 0	26 59	3 50	17 28	0 59	4 11	2 19	12 47	0 20	16 53	1 4	27 55	4 18	16 31	16 53	16 5		n.a.
T 15	5 4	4 58	3 48	13 22	1 38	11 19	1 4	26 54	3 47	17 25	0 59	4 8	2 19	12 48	0 20	16 53	1 4	27 55	4 18	16 28	16 52	16 2		n.a.
W16	4 40	1n58	2 48	13 2	1 45	11 48	1 7	26 48	3 44	17 21	0 59	4 5	2 19	12 49	0 20	16 54	1 4	27 55	4 18	16 27	16 51	15 59		n.a.
T 17	4 16	8 38	1 38	12 39	1 50	12 17	1 11	26 42	3 41	17 18	0 59	4 2	2 19	12 50	0 20	16 54	1 4	27 56	4 18	16 25	16 50	15 57		n.a.
F 18	3 53	14 40	0 24	12 14	1 54	12 46	1 14	26 36	3 38	17 14	0 59	3 59	2 19	12 51	0 20	16 55	1 4	27 56	4 18	16 25	16 49	15 54		n.a.
S 19	3 29	19 46	0n49	11 45	1 57	13 14	1 18	26 30	3 35	17 11	1 0	3 57	2 19	12 52	0 20	16 55	1 4	27 56	4 19	16 25	16 49	15 51		n.a.
S 20	3 5	23 41	1 58	11 14	2 0	13 43	1 21	26 24	3 32	17 8	1 0	3 54	2 19	12 53	0 20	16 55	1 4	27 56	4 19	16 25	16 48	15 49		n.a.
M21	2 41	26 18	2 58	10 41	2 1	14 11	1 24	26 18	3 29	17 4	1 0	3 51	2 19	12 54	0 20	16 56	1 4	27 56	4 19	16 26	16 47	15 46		n.a.
T 22	2 17	27 31	3 48	10 6	2 1	14 38	1 28	26 11	3 26	17 1	1 0	3 48	2 19	12 55	0 20	16 56	1 4	27 56	4 19	16 26	16 46	15 43		n.a.
W23	1 53	27 20	4 27	9 29	2 1	15 5	1 31	26 5	3 23	16 57	1 0	3 45	2 19	12 56	0 20	16 56	1 4	27 57	4 19	16 25	16 45	15 41		n.a.
T 24	1 29	25 52	4 53	8 50	2 0	15 32	1 34	25 58	3 20	16 54	1 0	3 42	2 19	12 57	0 20	16 57	1 4	27 57	4 19	16 24	16 44	15 38		n.a.
F 25	1 5	23 15	5 6	8 11	1 58	15 59	1 38	25 52	3 17	16 51	1 1	3 39	2 19	12 58	0 20	16 57	1 4	27 57	4 20	16 22	16 43	15 35		n.a.
S 26	0 41	19 40	5 6	7 30	1 55	16 25	1 41	25 45	3 14	16 47	1 1	3 36	2 19	12 59	0 20	16 58	1 4	27 57	4 20	16 19	16 42	15 33		n.a.
S 27	0 17	15 19	4 52	6 48	1 53	16 51	1 44	25 38	3 12	16 44	1 1	3 34	2 19	13 0	0 20	16 58	1 4	27 57	4 20	16 17	16 41	15 30		n.a.
M28	0s 8	10 23	4 26	6 6	1 49	17 16	1 47	25 31	3 9	16 41	1 1	3 31	2 19	13 1	0 20	16 58	1 4	27 57	4 20	16 14	16 40	15 27		n.a.
T 29	0 32	5 3	3 48	5 22	1 45	17 41	1 50	25 24	3 6	16 37	1 1	3 28	2 19	13 2	0 20	16 59	1 4	27 58	4 20	16 12	16 39	15 24		n.a.
W30	0s56	0s31	3n 0	4n39	1n41	18s 6	1s53	25s16	3s 3	16n34	1n 1	3n25	2n19	13s 3	0n20	16s59	1s 4	27n58	4n21	16n10	16n38	15n22		n.a.

Julian Day Number = 1616839.5, Delta T = 03h49m55s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'27, Lahiri = - 7°54'27 Julian Calendar 1 Sept. 287 BCE == Greg. Calendar 28 Aug. 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

OCTOBER 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 20 16	3♎19'26	20♎17	23♍57	15♏23	20♑18	18♌16	26♍54	5♏ 6	16°R51	5♋18	13°R40	15♉18	2♍25	n.a.	T 1
F 2	0 24 13	4°19'40	2♏34	25°37	16°34	20°49	18°26	27° 1	5°10	16♒50	5°19	13♉38	15°15	2°32	n.a.	F 2
S 3	0 28 9	5°19'56	15° 0	27°16	17°44	21°21	18°37	27° 8	5°13	16°49	5°19	13°D37	15°11	2°38	n.a.	S 3
S 4	0 32 6	6°20'13	27°38	28°56	18°54	21°52	18°48	27°15	5°16	16°48	5°19	13°38	15° 8	2°45	n.a.	S 4
M 5	0 36 3	7°20'32	10♐30	0♎35	20° 5	22°24	18°59	27°22	5°20	16°47	5°19	13°39	15° 5	2°52	n.a.	M 5
T 6	0 39 59	8°20'53	23°40	2°14	21°15	22°57	19° 9	27°29	5°23	16°46	5°19	13°41	15° 2	2°59	n.a.	T 6
W 7	0 43 56	9°21'15	7♑ 9	3°53	22°25	23°29	19°20	27°36	5°26	16°45	5°19	13°R42	14°59	3° 5	n.a.	W 7
T 8	0 47 52	10°21'39	20°59	5°31	23°35	24° 2	19°30	27°44	5°30	16°44	5°20	13°41	14°56	3°12	n.a.	T 8
F 9	0 51 49	11°22'05	5♒11	7° 9	24°45	24°35	19°40	27°51	5°33	16°44	5°20	13°39	14°52	3°19	n.a.	F 9
S 10	0 55 45	12°22'31	19°43	8°47	25°55	25° 8	19°50	27°58	5°37	16°43	5°20	13°36	14°49	3°25	n.a.	S 10
S 11	0 59 42	13°22'59	4♓32	10°24	27° 5	25°41	20° 1	28° 5	5°40	16°42	5°R20	13°32	14°46	3°32	n.a.	S 11
M12	1 3 38	14°23'29	19°29	12° 1	28°14	26°15	20°11	28°12	5°44	16°41	5°20	13°27	14°43	3°39	n.a.	M12
T 13	1 7 35	15°24'00	4♈27	13°38	29°24	26°49	20°20	28°19	5°47	16°41	5°20	13°23	14°40	3°46	n.a.	T 13
W14	1 11 32	16°24'32	19°17	15°15	0♐33	27°23	20°30	28°26	5°51	16°40	5°20	13°20	14°36	3°52	n.a.	W14
T 15	1 15 28	17°25'07	3♉52	16°51	1°42	27°57	20°40	28°32	5°54	16°39	5°20	13°19	14°33	3°59	n.a.	T 15
F 16	1 19 25	18°25'43	18° 4	18°26	2°51	28°31	20°49	28°39	5°58	16°39	5°19	13°D19	14°30	4° 6	n.a.	F 16
S 17	1 23 21	19°26'20	1♊51	20° 2	4° 1	29° 5	20°59	28°46	6° 2	16°38	5°19	13°20	14°27	4°12	n.a.	S 17
S 18	1 27 18	20°27'00	15°12	21°37	5° 9	29°40	21° 8	28°53	6° 5	16°38	5°19	13°21	14°24	4°19	n.a.	S 18
M19	1 31 14	21°27'42	28° 8	23°12	6°18	0♒15	21°18	29° 0	6° 9	16°37	5°19	13°23	14°21	4°26	n.a.	M19
T 20	1 35 11	22°28'25	10♋43	24°47	7°27	0°50	21°27	29° 7	6°12	16°37	5°19	13°24	14°17	4°33	n.a.	T 20
W21	1 39 7	23°29'10	22°59	26°22	8°35	1°25	21°36	29°14	6°16	16°36	5°18	13°R24	14°14	4°39	n.a.	W21
T 22	1 43 4	24°29'57	5♌ 3	27°56	9°44	2° 0	21°45	29°20	6°20	16°36	5°18	13°24	14°11	4°46	n.a.	T 22
F 23	1 47 1	25°30'45	16°58	29°30	10°52	2°35	21°54	29°27	6°23	16°36	5°18	13°23	14° 8	4°53	n.a.	F 23
S 24	1 50 57	26°31'35	28°50	1♏ 4	12° 0	3°11	22° 2	29°34	6°27	16°35	5°18	13°21	14° 5	4°59	n.a.	S 24
S 25	1 54 54	27°32'26	10♍41	2°38	13° 8	3°47	22°11	29°40	6°31	16°35	5°17	13°18	14° 2	5° 6	n.a.	S 25
M26	1 58 50	28°33'19	22°37	4°12	14°16	4°23	22°19	29°47	6°34	16°35	5°17	13°16	13°58	5°13	n.a.	M26
T 27	2 2 47	29°34'13	4♎39	5°45	15°24	4°59	22°28	29°53	6°38	16°34	5°16	13°13	13°55	5°20	n.a.	T 27
W28	2 6 43	0♏35'09	16°50	7°19	16°31	5°35	22°36	0♎ 0	6°42	16°34	5°16	13°12	13°52	5°26	n.a.	W28
T 29	2 10 40	1°36'06	29°11	8°52	17°39	6°11	22°44	0° 7	6°45	16°34	5°15	13°11	13°49	5°33	n.a.	T 29
F 30	2 14 36	2°37'05	11♏45	10°25	18°46	6°47	22°52	0°13	6°49	16°34	5°15	13°D10	13°46	5°40	n.a.	F 30
S 31	2 18 33	3♏38'04	24♏30	11♏59	19♐53	7♒24	23♌ 0	0♎19	6♏53	16♒34	5♋14	13♉10	13♉42	5♍46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1s20	6s 7	2n 3	3n55	1n37	18s30	1s56	25s 9	3s 0	16n31	1n 2	3n22	2n19	13s 5	0n20	16s59	1s 4	27n58	4n21	16n 8	16n37	15n19			n.a.
F 2	1 44	11 34	1 0	3 10	1 32	18 54	1 59	25 1	2 58	16 28	1 2	3 19	2 19	13 6	0 20	16 59	1 4	27 58	4 21	16 7	16 36	15 16			n.a.
S 3	2 9	16 39	0s 8	2 25	1 27	19 17	2 2	24 54	2 55	16 24	1 2	3 16	2 19	13 7	0 20	17 0	1 3	27 58	4 21	16 7	16 35	15 14			n.a.
S 4	2 33	21 6	1 16	1 40	1 21	19 40	2 5	24 46	2 52	16 21	1 2	3 14	2 19	13 8	0 19	17 0	1 3	27 58	4 21	16 7	16 34	15 11			n.a.
M 5	2 57	24 37	2 21	0 55	1 16	20 2	2 8	24 38	2 50	16 18	1 2	3 11	2 19	13 9	0 19	17 0	1 3	27 59	4 21	16 8	16 34	15 8			n.a.
T 6	3 21	26 55	3 21	0 10	1 10	20 24	2 11	24 30	2 47	16 15	1 2	3 8	2 19	13 10	0 19	17 1	1 3	27 59	4 22	16 8	16 33	15 5			n.a.
W 7	3 45	27 43	4 11	0s35	1 4	20 45	2 14	24 21	2 44	16 12	1 3	3 5	2 19	13 11	0 19	17 1	1 3	27 59	4 22	16 9	16 32	15 3			n.a.
T 8	4 9	26 49	4 48	1 20	0 58	21 6	2 16	24 13	2 42	16 9	1 3	3 2	2 19	13 13	0 19	17 1	1 3	27 59	4 22	16 8	16 31	15 0			n.a.
F 9	4 33	24 11	5 9	2 5	0 52	21 26	2 19	24 5	2 39	16 6	1 3	3 0	2 19	13 14	0 19	17 1	1 3	27 59	4 22	16 8	16 30	14 57			n.a.
S 10	4 57	19 59	5 11	2 50	0 46	21 46	2 21	23 56	2 37	16 3	1 3	2 57	2 19	13 15	0 19	17 1	1 3	28 0	4 22	16 7	16 29	14 54			n.a.
S 11	5 21	14 29	4 52	3 34	0 39	22 5	2 24	23 47	2 34	15 59	1 3	2 54	2 19	13 16	0 19	17 2	1 3	28 0	4 23	16 6	16 28	14 52			n.a.
M12	5 44	8 5	4 13	4 19	0 33	22 23	2 26	23 38	2 32	15 56	1 4	2 51	2 20	13 17	0 19	17 2	1 3	28 0	4 23	16 4	16 27	14 49			n.a.
T 13	6 8	1 13	3 17	5 3	0 26	22 41	2 29	23 29	2 29	15 53	1 4	2 49	2 20	13 19	0 19	17 2	1 3	28 0	4 23	16 3	16 26	14 46			n.a.
W14	6 32	5n40	2 8	5 46	0 20	22 58	2 31	23 20	2 27	15 51	1 4	2 46	2 20	13 20	0 19	17 2	1 3	28 0	4 23	16 2	16 25	14 43			n.a.
T 15	6 55	12 9	0 52	6 30	0 13	23 15	2 33	23 11	2 24	15 48	1 4	2 43	2 20	13 21	0 19	17 2	1 3	28 1	4 23	16 2	16 24	14 41			n.a.
F 16	7 19	17 50	0n26	7 13	0 7	23 31	2 35	23 1	2 22	15 45	1 4	2 40	2 20	13 22	0 19	17 3	1 3	28 1	4 24	16 2	16 23	14 38			n.a.
S 17	7 42	22 25	1 40	7 55	0s 0	23 47	2 37	22 52	2 19	15 42	1 5	2 38	2 20	13 23	0 19	17 3	1 3	28 1	4 24	16 2	16 22	14 35			n.a.
S 18	8 5	25 39	2 47	8 38	0 7	24 2	2 39	22 42	2 17	15 39	1 5	2 35	2 20	13 25	0 19	17 3	1 3	28 1	4 24	16 2	16 21	14 32			n.a.
M19	8 28	27 25	3 42	9 20	0 13	24 16	2 41	22 32	2 15	15 36	1 5	2 32	2 20	13 26	0 19	17 3	1 3	28 1	4 24	16 3	16 20	14 29			n.a.
T 20	8 51	27 42	4 26	10 1	0 20	24 29	2 42	22 22	2 12	15 33	1 5	2 30	2 20	13 27	0 19	17 3	1 3	28 2	4 24	16 3	16 19	14 27			n.a.
W21	9 14	26 36	4 56	10 42	0 26	24 42	2 44	22 12	2 10	15 31	1 6	2 27	2 20	13 28	0 19	17 3	1 3	28 2	4 25	16 3	16 18	14 24			n.a.
T 22	9 36	24 16	5 12	11 22	0 32	24 55	2 46	22 2	2 8	15 28	1 6	2 25	2 20	13 29	0 19	17 3	1 3	28 2	4 25	16 3	16 17	14 21			n.a.
F 23	9 59	20 55	5 15	12 2	0 39	25 6	2 47	21 51	2 6	15 25	1 6	2 22	2 21	13 31	0 19	17 3	1 3	28 2	4 25	16 3	16 16	14 18			n.a.
S 24	10 21	16 45	5 4	12 41	0 45	25 17	2 48	21 41	2 3	15 23	1 6	2 19	2 21	13 32	0 19	17 3	1 3	28 2	4 25	16 2	16 15	14 15			n.a.
S 25	10 43	11 57	4 40	13 20	0 51	25 27	2 50	21 30	2 1	15 20	1 6	2 17	2 21	13 33	0 19	17 4	1 3	28 3	4 25	16 1	16 15	14 13			n.a.
M26	11 5	6 42	4 4	13 58	0 57	25 37	2 51	21 19	1 59	15 17	1 7	2 14	2 21	13 34	0 19	17 4	1 3	28 3	4 25	16 1	16 14	14 10			n.a.
T 27	11 27	1 9	3 17	14 36	1 3	25 46	2 52	21 8	1 57	15 15	1 7	2 12	2 21	13 36	0 19	17 4	1 3	28 3	4 26	16 0	16 13	14 7			n.a.
W28	11 49	4s32	2 21	15 12	1 9	25 54	2 52	20 57	1 55	15 12	1 7	2 9	2 21	13 37	0 19	17 4	1 3	28 3	4 26	15 59	16 12	14 4			n.a.
T 29	12 10	10 8	1 17	15 48	1 15	26 1	2 53	20 46	1 52	15 10	1 7	2 7	2 21	13 38	0 19	17 4	1 3	28 3	4 26	15 59	16 11	14 1			n.a.
F 30	12 32	15 25	0 8	16 24	1 20	26 8	2 54	20 35	1 50	15 7	1 8	2 4	2 21	13 39	0 19	17 4	1 3	28 4	4 26	15 59	16 10	13 59			n.a.
S 31	12s53	20s 8	1s 2	16s58	1s25	26s14	2s54	20s23	1s48	15n 5	1n 8	2n 2	2n21	13s41	0n19	17s 4	1s 3	28n 4	4n26	15n59	16n 9	13n56			n.a.

Julian Day Number = 1616869.5, Delta T = 03h49m54s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'23, Lahiri = - 7°54'23 Julian Calendar 1 Oct. 287 BCE == Greg. Calendar 27 Sept. 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

NOVEMBER 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 22 30	4♏39'05	7♐29	13♏32	20♐59	8♒ 0	23♌ 8	0♎26	6♏56	16°R34	5°R14	13♉11	13♉39	5♍53	n.a.	S 1
M 2	2 26 26	5°40'06	20°40	15° 5	22° 6	8°37	23°15	0°32	7° 0	16°D34	5♋13	13°12	13°36	6° 0	n.a.	M 2
T 3	2 30 23	6°41'09	4♑ 4	16°38	23°12	9°14	23°22	0°38	7° 4	16♒34	5°13	13°13	13°33	6° 7	n.a.	T 3
W 4	2 34 19	7°42'12	17°42	18°10	24°19	9°51	23°30	0°45	7° 8	16°34	5°12	13°13	13°30	6°13	n.a.	W 4
T 5	2 38 16	8°43'16	1♒34	19°43	25°24	10°28	23°37	0°51	7°11	16°34	5°12	13°13	13°27	6°20	n.a.	T 5
F 6	2 42 12	9°44'20	15°38	21°16	26°30	11° 5	23°44	0°57	7°15	16°34	5°11	13°R13	13°23	6°27	n.a.	F 6
S 7	2 46 9	10°45'25	29°53	22°48	27°36	11°42	23°51	1° 3	7°19	16°34	5°10	13°13	13°20	6°33	n.a.	S 7
S 8	2 50 6	11°46'31	14♓16	24°21	28°41	12°20	23°57	1° 9	7°22	16°34	5°10	13°13	13°17	6°40	n.a.	S 8
M 9	2 54 2	12°47'37	28°45	25°53	29°46	12°57	24° 4	1°15	7°26	16°35	5° 9	13°D13	13°14	6°47	n.a.	M 9
T 10	2 57 59	13°48'44	13♈15	27°25	0♑50	13°34	24°10	1°21	7°30	16°35	5° 8	13°13	13°11	6°54	n.a.	T 10
W11	3 1 55	14°49'51	27°40	28°56	1°55	14°12	24°17	1°27	7°33	16°35	5° 7	13°13	13° 8	7° 0	n.a.	W11
T 12	3 5 52	15°50'59	11♉54	0♐28	2°59	14°50	24°23	1°33	7°37	16°35	5° 7	13°R13	13° 4	7° 7	n.a.	T 12
F 13	3 9 48	16°52'07	25°54	1°59	4° 3	15°27	24°29	1°38	7°41	16°36	5° 6	13°13	13° 1	7°14	n.a.	F 13
S 14	3 13 45	17°53'17	9♊35	3°29	5° 6	16° 5	24°35	1°44	7°44	16°36	5° 5	13°13	12°58	7°20	n.a.	S 14
S 15	3 17 41	18°54'27	22°55	4°59	6° 9	16°43	24°40	1°50	7°48	16°37	5° 4	13°12	12°55	7°27	n.a.	S 15
M16	3 21 38	19°55'38	5♋53	6°28	7°12	17°21	24°46	1°55	7°52	16°37	5° 3	13°11	12°52	7°34	n.a.	M16
T 17	3 25 35	20°56'50	18°31	7°56	8°15	17°59	24°51	2° 1	7°55	16°38	5° 2	13°10	12°48	7°41	n.a.	T 17
W18	3 29 31	21°58'02	0♌52	9°24	9°17	18°37	24°56	2° 6	7°59	16°38	5° 1	13° 9	12°45	7°47	n.a.	W18
T 19	3 33 28	22°59'16	12°59	10°50	10°19	19°15	25° 1	2°12	8° 3	16°39	5° 0	13° 9	12°42	7°54	n.a.	T 19
F 20	3 37 24	24° 0'29	24°56	12°14	11°20	19°54	25° 6	2°17	8° 6	16°39	4°59	13°D 9	12°39	8° 1	n.a.	F 20
S 21	3 41 21	25° 1'44	6♍48	13°37	12°21	20°32	25°11	2°22	8°10	16°40	4°58	13° 9	12°36	8° 7	n.a.	S 21
S 22	3 45 17	26° 2'59	18°39	14°57	13°22	21°10	25°15	2°27	8°13	16°41	4°57	13°10	12°33	8°14	n.a.	S 22
M23	3 49 14	27° 4'14	0♎36	16°15	14°22	21°48	25°20	2°33	8°17	16°41	4°56	13°11	12°29	8°21	n.a.	M23
T 24	3 53 10	28° 5'30	12°41	17°30	15°22	22°27	25°24	2°38	8°21	16°42	4°55	13°12	12°26	8°28	n.a.	T 24
W25	3 57 7	29° 6'47	24°58	18°42	16°21	23° 5	25°28	2°43	8°24	16°43	4°54	13°14	12°23	8°34	n.a.	W25
T 26	4 1 4	0♐ 8'03	7♏31	19°49	17°20	23°44	25°32	2°48	8°28	16°44	4°53	13°R14	12°20	8°41	n.a.	T 26
F 27	4 5 0	1° 9'21	20°21	20°52	18°18	24°23	25°35	2°52	8°31	16°44	4°52	13°14	12°17	8°48	n.a.	F 27
S 28	4 8 57	2°10'38	3♐28	21°50	19°16	25° 1	25°39	2°57	8°35	16°45	4°51	13°13	12°14	8°54	n.a.	S 28
S 29	4 12 53	3°11'55	16°52	22°41	20°13	25°40	25°42	3° 2	8°38	16°46	4°50	13°11	12°10	9° 1	n.a.	S 29
M30	4 16 50	4♐13'13	0♑31	23♐25	21♑10	26♒19	25♌45	3♎ 7	8♏42	16♒47	4♋49	13♉ 8	12♉ 7	9♍ 8	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s14	23s58	2s11	17s32	1s31	26s20	2s55	20s12	1s46	15n 3	1n 8	1n59	2n22	13s42	0n19	17s 4	1s 3	28n 4	4n27	15n59	16n 8	13n53		n.a.
M 2	13 34	26 37	3 13	18 5	1 36	26 24	2 55	20 0	1 44	15 0	1 8	1 57	2 22	13 43	0 19	17 4	1 3	28 4	4 27	15 59	16 7	13 50		n.a.
T 3	13 55	27 46	4 6	18 37	1 40	26 28	2 55	19 48	1 42	14 58	1 9	1 54	2 22	13 44	0 19	17 4	1 3	28 4	4 27	16 0	16 6	13 47		n.a.
W 4	14 15	27 16	4 46	19 8	1 45	26 31	2 55	19 36	1 40	14 56	1 9	1 52	2 22	13 45	0 19	17 4	1 3	28 5	4 27	16 0	16 5	13 44		n.a.
T 5	14 35	25 6	5 11	19 38	1 49	26 34	2 55	19 24	1 38	14 54	1 9	1 50	2 22	13 47	0 19	17 4	1 3	28 5	4 27	16 0	16 4	13 41		n.a.
F 6	14 55	21 23	5 17	20 7	1 53	26 36	2 55	19 12	1 36	14 52	1 9	1 47	2 22	13 48	0 19	17 4	1 3	28 5	4 27	16 0	16 3	13 39		n.a.
S 7	15 14	16 23	5 4	20 35	1 57	26 37	2 54	19 0	1 34	14 50	1 10	1 45	2 22	13 49	0 19	17 3	1 3	28 5	4 28	16 0	16 2	13 36		n.a.
S 8	15 33	10 26	4 32	21 2	2 1	26 37	2 54	18 47	1 32	14 48	1 10	1 43	2 23	13 50	0 19	17 3	1 3	28 5	4 28	16 0	16 1	13 33		n.a.
M 9	15 52	3 54	3 42	21 28	2 4	26 37	2 53	18 35	1 30	14 46	1 10	1 41	2 23	13 52	0 19	17 3	1 3	28 6	4 28	16 0	16 0	13 30		n.a.
T 10	16 11	2n52	2 39	21 53	2 7	26 36	2 52	18 22	1 29	14 44	1 10	1 38	2 23	13 53	0 19	17 3	1 3	28 6	4 28	16 0	15 59	13 27		n.a.
W11	16 29	9 27	1 25	22 16	2 9	26 34	2 51	18 9	1 27	14 42	1 11	1 36	2 23	13 54	0 19	17 3	1 3	28 6	4 28	16 0	15 58	13 24		n.a.
T 12	16 47	15 29	0 7	22 38	2 12	26 32	2 50	17 56	1 25	14 40	1 11	1 34	2 23	13 55	0 19	17 3	1 3	28 6	4 28	16 0	15 57	13 21		n.a.
F 13	17 5	20 36	1n10	22 59	2 13	26 29	2 49	17 43	1 23	14 38	1 11	1 32	2 23	13 56	0 19	17 3	1 3	28 6	4 29	16 0	15 56	13 18		n.a.
S 14	17 22	24 29	2 21	23 19	2 15	26 25	2 47	17 30	1 21	14 37	1 12	1 30	2 24	13 58	0 19	17 3	1 3	28 6	4 29	16 0	15 55	13 16		n.a.
S 15	17 39	26 55	3 23	23 37	2 16	26 21	2 46	17 17	1 19	14 35	1 12	1 28	2 24	13 59	0 19	17 2	1 2	28 7	4 29	16 0	15 54	13 13		n.a.
M16	17 56	27 48	4 12	23 53	2 16	26 16	2 44	17 3	1 18	14 33	1 12	1 25	2 24	14 0	0 19	17 2	1 2	28 7	4 29	15 59	15 53	13 10		n.a.
T 17	18 13	27 11	4 48	24 8	2 16	26 10	2 42	16 50	1 16	14 32	1 12	1 23	2 24	14 1	0 19	17 2	1 2	28 7	4 29	15 59	15 52	13 7		n.a.
W18	18 29	25 14	5 9	24 21	2 15	26 3	2 40	16 36	1 14	14 30	1 13	1 21	2 24	14 2	0 19	17 2	1 2	28 7	4 29	15 59	15 51	13 4		n.a.
T 19	18 45	22 10	5 17	24 33	2 14	25 56	2 37	16 22	1 12	14 29	1 13	1 19	2 25	14 4	0 19	17 2	1 2	28 7	4 30	15 59	15 50	13 1		n.a.
F 20	19 0	18 14	5 10	24 42	2 11	25 49	2 35	16 9	1 11	14 28	1 13	1 17	2 25	14 5	0 19	17 2	1 2	28 8	4 30	15 58	15 49	12 58		n.a.
S 21	19 15	13 36	4 50	24 50	2 9	25 41	2 32	15 55	1 9	14 26	1 13	1 15	2 25	14 6	0 19	17 1	1 2	28 8	4 30	15 59	15 48	12 55		n.a.
S 22	19 30	8 29	4 18	24 57	2 5	25 32	2 29	15 41	1 7	14 25	1 14	1 14	2 25	14 7	0 19	17 1	1 2	28 8	4 30	15 59	15 47	12 52		n.a.
M23	19 45	3 2	3 35	25 1	2 1	25 22	2 26	15 27	1 6	14 24	1 14	1 12	2 25	14 8	0 19	17 1	1 2	28 8	4 30	15 59	15 46	12 49		n.a.
T 24	19 59	2s36	2 41	25 3	1 56	25 12	2 23	15 12	1 4	14 23	1 14	1 10	2 26	14 10	0 19	17 1	1 2	28 8	4 30	16 0	15 45	12 46		n.a.
W25	20 12	8 15	1 39	25 4	1 49	25 2	2 20	14 58	1 2	14 21	1 15	1 8	2 26	14 11	0 19	17 0	1 2	28 9	4 30	16 0	15 44	12 44		n.a.
T 26	20 26	13 42	0 32	25 2	1 42	24 51	2 16	14 44	1 1	14 20	1 15	1 6	2 26	14 12	0 19	17 0	1 2	28 9	4 31	16 0	15 43	12 41		n.a.
F 27	20 39	18 41	0s39	24 58	1 34	24 39	2 12	14 29	0 59	14 19	1 15	1 4	2 26	14 13	0 19	17 0	1 2	28 9	4 31	16 0	15 43	12 38		n.a.
S 28	20 51	22 53	1 49	24 53	1 24	24 27	2 9	14 15	0 58	14 19	1 16	1 3	2 26	14 14	0 19	17 0	1 2	28 9	4 31	16 0	15 42	12 35		n.a.
S 29	21 3	25 58	2 55	24 45	1 14	24 14	2 4	14 0	0 56	14 18	1 16	1 1	2 27	14 15	0 19	16 59	1 2	28 9	4 31	15 59	15 41	12 32		n.a.
M30	21s15	27s35	3s52	24s36	1s 2	24s 1	2s 0	13s45	0s55	14n17	1n16	0n59	2n27	14s16	0n19	16s59	1s 2	28n10	4n31	15n58	15n40	12n29		n.a.

Julian Day Number = 1616900.5, Delta T = 03h49m53s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'19, Lahiri = - 7°54'18 Julian Calendar 1 Nov. 287 BCE == Greg. Calendar 28 Oct. 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 287 BCE
geocentric

DECEMBER 287 BCE (-286) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 20 46	5♐14'30	14♑22	24♐ 2	22♑ 6	26♒58	25♌48	3♎11	8♏45	16♒48	4°R48	13°R 5	12♉ 4	9♍15	n.a.	T 1
W 2	4 24 43	6°15'47	28°22	24°29	23° 2	27°36	25°51	3°16	8°48	16°49	4♋47	13♉ 2	12° 1	9°21	n.a.	W 2
T 3	4 28 40	7°17'04	12♒28	24°47	23°57	28°15	25°53	3°20	8°52	16°50	4°45	12°59	11°58	9°28	n.a.	T 3
F 4	4 32 36	8°18'20	26°38	24°R54	24°51	28°54	25°56	3°24	8°55	16°51	4°44	12°57	11°54	9°35	n.a.	F 4
S 5	4 36 33	9°19'36	10♓48	24°50	25°45	29°33	25°58	3°29	8°58	16°52	4°43	12°D57	11°51	9°41	n.a.	S 5
S 6	4 40 29	10°20'51	24°57	24°34	26°38	0♓12	26° 0	3°33	9° 2	16°53	4°42	12°57	11°48	9°48	n.a.	S 6
M 7	4 44 26	11°22'05	9♈ 3	24° 7	27°30	0°51	26° 2	3°37	9° 5	16°55	4°40	12°59	11°45	9°55	n.a.	M 7
T 8	4 48 22	12°23'19	23° 4	23°27	28°22	1°30	26° 3	3°41	9° 8	16°56	4°39	13° 1	11°42	10° 1	n.a.	T 8
W 9	4 52 19	13°24'32	6♉59	22°37	29°13	2° 9	26° 5	3°45	9°12	16°57	4°38	13°R 2	11°39	10° 8	n.a.	W 9
T 10	4 56 15	14°25'45	20°45	21°37	0♒ 3	2°48	26° 6	3°48	9°15	16°58	4°37	13° 1	11°35	10°15	n.a.	T 10
F 11	5 0 12	15°26'57	4♊20	20°29	0°52	3°28	26° 7	3°52	9°18	17° 0	4°35	13° 0	11°32	10°22	n.a.	F 11
S 12	5 4 9	16°28'09	17°43	19°14	1°40	4° 7	26° 8	3°56	9°21	17° 1	4°34	12°56	11°29	10°28	n.a.	S 12
S 13	5 8 5	17°29'21	0♋50	17°56	2°27	4°46	26° 9	3°59	9°24	17° 2	4°33	12°51	11°26	10°35	n.a.	S 13
M14	5 12 2	18°30'32	13°42	16°37	3°13	5°25	26° 9	4° 3	9°27	17° 4	4°32	12°45	11°23	10°42	n.a.	M14
T 15	5 15 58	19°31'42	26°17	15°19	3°59	6° 4	26° 9	4° 6	9°30	17° 5	4°30	12°38	11°20	10°48	n.a.	T 15
W16	5 19 55	20°32'52	8♌37	14° 4	4°43	6°44	26°R 9	4°10	9°33	17° 6	4°29	12°32	11°16	10°55	n.a.	W16
T 17	5 23 51	21°34'02	20°45	12°55	5°26	7°23	26° 9	4°13	9°36	17° 8	4°28	12°26	11°13	11° 2	n.a.	T 17
F 18	5 27 48	22°35'11	2♍42	11°54	6° 8	8° 2	26° 9	4°16	9°39	17° 9	4°26	12°22	11°10	11° 9	n.a.	F 18
S 19	5 31 44	23°36'19	14°34	11° 0	6°49	8°42	26° 8	4°19	9°42	17°11	4°25	12°20	11° 7	11°15	n.a.	S 19
S 20	5 35 41	24°37'27	26°25	10°15	7°29	9°21	26° 8	4°22	9°45	17°12	4°24	12°D19	11° 4	11°22	n.a.	S 20
M21	5 39 38	25°38'35	8♎20	9°40	8° 7	10° 0	26° 7	4°25	9°48	17°14	4°22	12°20	11° 0	11°29	n.a.	M21
T 22	5 43 34	26°39'41	20°24	9°14	8°44	10°40	26° 6	4°27	9°51	17°15	4°21	12°21	10°57	11°35	n.a.	T 22
W23	5 47 31	27°40'48	2♏43	8°57	9°20	11°19	26° 5	4°30	9°54	17°17	4°20	12°23	10°54	11°42	n.a.	W23
T 24	5 51 27	28°41'53	15°20	8°D49	9°54	11°58	26° 3	4°33	9°56	17°19	4°18	12°R23	10°51	11°49	n.a.	T 24
F 25	5 55 24	29°42'58	28°20	8°49	10°27	12°38	26° 1	4°35	9°59	17°20	4°17	12°22	10°48	11°55	n.a.	F 25
S 26	5 59 20	0♑44'02	11♐42	8°57	10°58	13°17	26° 0	4°37	10° 2	17°22	4°15	12°18	10°45	12° 2	n.a.	S 26
S 27	6 3 17	1°45'06	25°27	9°12	11°28	13°57	25°58	4°40	10° 5	17°24	4°14	12°12	10°41	12° 9	n.a.	S 27
M28	6 7 14	2°46'08	9♑33	9°34	11°56	14°36	25°55	4°42	10° 7	17°25	4°13	12° 5	10°38	12°16	n.a.	M28
T 29	6 11 10	3°47'09	23°54	10° 2	12°23	15°15	25°53	4°44	10°10	17°27	4°11	11°56	10°35	12°22	n.a.	T 29
W30	6 15 7	4°48'09	8♒24	10°35	12°47	15°55	25°50	4°46	10°12	17°29	4°10	11°47	10°32	12°29	n.a.	W30
T 31	6 19 3	5♑49'08	22♒57	11♐13	13♒10	16♓34	25♌48	4♎48	10♏15	17♒31	4♋ 9	11♉40	10♉29	12♍36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21 s26	27 s31	4 s36	24 s24	0 s49	23 s47	1 s55	13 s30	0 s53	14n16	1n16	0n58	2n27	14 s17	0n19	16 s59	1 s 2	28n10	4n31	15n57	15n39	12n26		n.a.	T 1
W 2	21 37	25 42	5 4	24 11	0 34	23 33	1 51	13 15	0 52	14 16	1 17	0 56	2 27	14 19	0 19	16 58	1 2	28 10	4 31	15 56	15 38	12 23		n.a.	W 2
T 3	21 48	22 17	5 14	23 56	0 19	23 19	1 46	13 0	0 50	14 15	1 17	0 55	2 27	14 20	0 19	16 58	1 2	28 10	4 32	15 56	15 37	12 20		n.a.	T 3
F 4	21 58	17 33	5 5	23 40	0 2	23 4	1 40	12 45	0 49	14 14	1 17	0 53	2 28	14 21	0 19	16 58	1 2	28 10	4 32	15 55	15 36	12 17		n.a.	F 4
S 5	22 7	11 53	4 38	23 22	0n16	22 48	1 35	12 30	0 47	14 14	1 18	0 52	2 28	14 22	0 19	16 57	1 2	28 10	4 32	15 55	15 35	12 14		n.a.	S 5
S 6	22 16	5 36	3 54	23 3	0 34	22 33	1 29	12 15	0 46	14 14	1 18	0 50	2 28	14 23	0 19	16 57	1 2	28 11	4 32	15 55	15 34	12 11		n.a.	S 6
M 7	22 25	0n57	2 55	22 42	0 54	22 17	1 23	12 0	0 44	14 13	1 18	0 49	2 28	14 24	0 19	16 56	1 2	28 11	4 32	15 56	15 33	12 8		n.a.	M 7
T 8	22 33	7 25	1 47	22 21	1 13	22 0	1 17	11 44	0 43	14 13	1 19	0 47	2 29	14 25	0 19	16 56	1 2	28 11	4 32	15 56	15 32	12 5		n.a.	T 8
W 9	22 41	13 29	0 33	21 58	1 33	21 43	1 11	11 29	0 42	14 13	1 19	0 46	2 29	14 26	0 19	16 56	1 2	28 11	4 32	15 56	15 31	12 2		n.a.	W 9
T 10	22 49	18 50	0n42	21 36	1 52	21 26	1 4	11 13	0 40	14 13	1 19	0 45	2 29	14 27	0 19	16 55	1 2	28 11	4 32	15 56	15 30	11 59		n.a.	T 10
F 11	22 56	23 8	1 54	21 13	2 11	21 9	0 58	10 58	0 39	14 13	1 19	0 43	2 29	14 28	0 19	16 55	1 2	28 11	4 33	15 56	15 29	11 56		n.a.	F 11
S 12	23 2	26 6	2 58	20 50	2 28	20 51	0 50	10 42	0 37	14 13	1 20	0 42	2 30	14 29	0 19	16 54	1 2	28 12	4 33	15 55	15 28	11 53		n.a.	S 12
S 13	23 8	27 35	3 51	20 28	2 43	20 33	0 43	10 26	0 36	14 13	1 20	0 41	2 30	14 30	0 19	16 54	1 2	28 12	4 33	15 53	15 27	11 50		n.a.	S 13
M14	23 14	27 31	4 32	20 8	2 56	20 15	0 36	10 11	0 35	14 13	1 20	0 40	2 30	14 31	0 19	16 54	1 2	28 12	4 33	15 51	15 26	11 47		n.a.	M14
T 15	23 19	26 1	4 58	19 49	3 7	19 57	0 28	9 55	0 33	14 13	1 21	0 39	2 30	14 32	0 19	16 53	1 2	28 12	4 33	15 49	15 25	11 44		n.a.	T 15
W16	23 23	23 18	5 9	19 32	3 15	19 38	0 20	9 39	0 32	14 13	1 21	0 38	2 31	14 33	0 19	16 53	1 2	28 12	4 33	15 47	15 24	11 41		n.a.	W16
T 17	23 28	19 35	5 7	19 18	3 21	19 20	0 12	9 23	0 31	14 14	1 21	0 36	2 31	14 34	0 19	16 52	1 2	28 12	4 33	15 45	15 23	11 38		n.a.	T 17
F 18	23 31	15 9	4 51	19 6	3 25	19 1	0 3	9 7	0 30	14 14	1 22	0 35	2 31	14 35	0 19	16 52	1 2	28 12	4 33	15 44	15 22	11 35		n.a.	F 18
S 19	23 34	10 11	4 23	18 58	3 26	18 42	0n 6	8 51	0 28	14 14	1 22	0 35	2 31	14 36	0 19	16 51	1 2	28 13	4 33	15 43	15 21	11 32		n.a.	S 19
S 20	23 37	4 51	3 43	18 52	3 25	18 23	0 15	8 35	0 27	14 15	1 22	0 34	2 32	14 37	0 19	16 51	1 2	28 13	4 33	15 43	15 20	11 29		n.a.	S 20
M21	23 40	0 s41	2 54	18 50	3 23	18 4	0 24	8 19	0 26	14 15	1 23	0 33	2 32	14 38	0 19	16 50	1 2	28 13	4 34	15 43	15 19	11 26		n.a.	M21
T 22	23 41	6 17	1 56	18 50	3 19	17 45	0 34	8 2	0 25	14 16	1 23	0 32	2 32	14 39	0 19	16 50	1 2	28 13	4 34	15 44	15 18	11 23		n.a.	T 22
W23	23 43	11 45	0 52	18 52	3 14	17 26	0 44	7 46	0 24	14 17	1 23	0 31	2 32	14 40	0 19	16 49	1 2	28 13	4 34	15 44	15 17	11 20		n.a.	W23
T 24	23 44	16 53	0 s16	18 58	3 7	17 7	0 54	7 30	0 22	14 18	1 23	0 30	2 33	14 40	0 19	16 49	1 2	28 13	4 34	15 44	15 16	11 17		n.a.	T 24
F 25	23 44	21 25	1 25	19 5	3 0	16 48	1 4	7 14	0 21	14 18	1 24	0 29	2 33	14 41	0 19	16 48	1 2	28 13	4 34	15 44	15 15	11 14		n.a.	F 25
S 26	23 44	24 58	2 31	19 14	2 52	16 29	1 15	6 57	0 20	14 19	1 24	0 29	2 33	14 42	0 19	16 48	1 2	28 14	4 34	15 43	15 14	11 11		n.a.	S 26
S 27	23 43	27 9	3 30	19 25	2 43	16 11	1 26	6 41	0 19	14 20	1 24	0 28	2 33	14 43	0 19	16 47	1 2	28 14	4 34	15 41	15 13	11 8		n.a.	S 27
M28	23 42	27 41	4 18	19 37	2 34	15 52	1 37	6 24	0 18	14 21	1 25	0 27	2 34	14 44	0 19	16 47	1 2	28 14	4 34	15 39	15 12	11 5		n.a.	M28
T 29	23 41	26 22	4 51	19 51	2 24	15 34	1 49	6 8	0 17	14 23	1 25	0 27	2 34	14 45	0 19	16 46	1 2	28 14	4 34	15 36	15 11	11 2		n.a.	T 29
W30	23 39	23 17	5 5	20 5	2 15	15 15	2 0	5 51	0 15	14 24	1 25	0 26	2 34	14 45	0 19	16 45	1 2	28 14	4 34	15 33	15 10	10 59		n.a.	W30
T 31	23 s36	18 s45	5 s 0	20 s20	2n 5	14 s57	2n12	5 s35	0 s14	14n25	1n26	0n26	2n35	14 s46	0n19	16 s45	1 s 2	28n14	4n34	15n31	15n 9	10n56		n.a.	T 31

Julian Day Number = 1616930.5, Delta T = 03h49m51s
Ecliptic obliquity = 23°43'54, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'15, Lahiri = - 7°54'14 Julian Calendar 1 Dec. 287 BCE == Greg. Calendar 27 Nov. 287 BCE

The year -286 astronomical counting style corresponds to year 287 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

JANUARY 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 23 0	6♉50'05	7♓25	11♐56	13♒31	17♓14	25°R45	4♎49	10♏17	17♒33	4°R 7	11°R34	10♉26	12♍42	n.a.	F 1
S 2	6 26 56	7°51'00	21°46	12°43	13°50	17°53	25♌41	4°51	10°20	17°34	4♋ 6	11♉30	10°22	12°49	n.a.	S 2
S 3	6 30 53	8°51'54	5♈55	13°34	14° 7	18°33	25°38	4°53	10°22	17°36	4° 5	11°D29	10°19	12°56	n.a.	S 3
M 4	6 34 49	9°52'46	19°51	14°28	14°21	19°12	25°35	4°54	10°24	17°38	4° 3	11°29	10°16	13° 3	n.a.	M 4
T 5	6 38 46	10°53'37	3♉35	15°25	14°34	19°52	25°31	4°55	10°27	17°40	4° 2	11°30	10°13	13° 9	n.a.	T 5
W 6	6 42 43	11°54'26	17° 7	16°26	14°44	20°31	25°27	4°57	10°29	17°42	4° 0	11°R30	10°10	13°16	n.a.	W 6
T 7	6 46 39	12°55'13	0♊28	17°28	14°52	21°11	25°23	4°58	10°31	17°44	3°59	11°29	10° 6	13°23	n.a.	T 7
F 8	6 50 36	13°55'59	13°38	18°34	14°58	21°50	25°19	4°59	10°33	17°46	3°58	11°24	10° 3	13°29	n.a.	F 8
S 9	6 54 32	14°56'44	26°37	19°41	15° 1	22°30	25°15	5° 0	10°35	17°48	3°56	11°17	10° 0	13°36	n.a.	S 9
S 10	6 58 29	15°57'27	9♋25	20°51	15°R 2	23° 9	25°10	5° 1	10°37	17°50	3°55	11° 7	9°57	13°43	n.a.	S 10
M11	7 2 25	16°58'08	22° 2	22° 2	15° 0	23°49	25° 5	5° 1	10°39	17°52	3°54	10°56	9°54	13°49	n.a.	M11
T 12	7 6 22	17°58'48	4♌27	23°15	14°56	24°28	25° 0	5° 2	10°41	17°54	3°52	10°43	9°51	13°56	n.a.	T 12
W13	7 10 18	18°59'26	16°41	24°30	14°49	25° 8	24°55	5° 3	10°43	17°56	3°51	10°30	9°47	14° 3	n.a.	W13
T 14	7 14 15	20° 0'02	28°45	25°47	14°39	25°47	24°50	5° 3	10°45	17°58	3°50	10°19	9°44	14°10	n.a.	T 14
F 15	7 18 12	21° 0'38	10♍41	27° 5	14°27	26°27	24°45	5° 3	10°47	18° 0	3°48	10°10	9°41	14°16	n.a.	F 15
S 16	7 22 8	22° 1'11	22°31	28°24	14°13	27° 6	24°40	5° 4	10°49	18° 2	3°47	10° 3	9°38	14°23	n.a.	S 16
S 17	7 26 5	23° 1'44	4♎21	29°45	13°56	27°46	24°34	5° 4	10°50	18° 4	3°46	9°59	9°35	14°30	n.a.	S 17
M18	7 30 1	24° 2'15	16°14	1♉ 7	13°37	28°25	24°28	5°R 4	10°52	18° 6	3°45	9°57	9°32	14°36	n.a.	M18
T 19	7 33 58	25° 2'44	28°15	2°30	13°15	29° 5	24°22	5° 4	10°54	18° 8	3°43	9°D57	9°28	14°43	n.a.	T 19
W20	7 37 54	26° 3'12	10♏31	3°55	12°51	29°44	24°16	5° 3	10°55	18°10	3°42	9°R57	9°25	14°50	n.a.	W20
T 21	7 41 51	27° 3'39	23° 7	5°20	12°25	0♈23	24°10	5° 3	10°57	18°13	3°41	9°57	9°22	14°56	n.a.	T 21
F 22	7 45 47	28° 4'04	6♐ 6	6°47	11°57	1° 3	24° 4	5° 3	10°58	18°15	3°40	9°54	9°19	15° 3	n.a.	F 22
S 23	7 49 44	29° 4'28	19°33	8°15	11°27	1°42	23°58	5° 2	11° 0	18°17	3°38	9°49	9°16	15°10	n.a.	S 23
S 24	7 53 41	0♒ 4'50	3♉28	9°44	10°56	2°22	23°51	5° 2	11° 1	18°19	3°37	9°41	9°12	15°17	n.a.	S 24
M25	7 57 37	1° 5'10	17°49	11°14	10°22	3° 1	23°44	5° 1	11° 3	18°21	3°36	9°31	9° 9	15°23	n.a.	M25
T 26	8 1 34	2° 5'29	2♒31	12°45	9°48	3°41	23°38	5° 0	11° 4	18°23	3°35	9°19	9° 6	15°30	n.a.	T 26
W27	8 5 30	3° 5'45	17°27	14°17	9°12	4°20	23°31	4°59	11° 5	18°26	3°34	9° 8	9° 3	15°37	n.a.	W27
T 28	8 9 27	4° 6'00	2♓26	15°50	8°36	4°59	23°24	4°58	11° 6	18°28	3°32	8°57	9° 0	15°43	n.a.	T 28
F 29	8 13 23	5° 6'12	17°20	17°25	7°58	5°39	23°17	4°57	11° 7	18°30	3°31	8°48	8°57	15°50	n.a.	F 29
S 30	8 17 20	6° 6'23	2♈ 0	19° 0	7°21	6°18	23°10	4°56	11° 8	18°32	3°30	8°43	8°53	15°57	n.a.	S 30
S 31	8 21 16	7♒ 6'31	16♈22	20♉36	6♒43	6♈58	23♌ 3	4♎55	11♏ 9	18♒35	3♋29	8♉40	8♉50	16♍ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s33	13s 8	4s35	20s36	1n55	14s40	2n24	5s18	0s13	14n26	1n26	0n25	2n35	14s47	0n19	16s44	1s 2	28n14	4n34	15n29	15n 8	10n53		n.a.
S 2	23 30	6 53	3 54	20 52	1 45	14 22	2 37	5 2	0 12	14 28	1 26	0 25	2 35	14 48	0 19	16 44	1 2	28 14	4 35	15 28	15 7	10 50		n.a.
S 3	23 26	0 21	2 58	21 9	1 34	14 5	2 50	4 45	0 11	14 29	1 26	0 25	2 35	14 48	0 19	16 43	1 1	28 15	4 35	15 28	15 6	10 47		n.a.
M 4	23 22	6n 7	1 53	21 25	1 24	13 49	3 3	4 29	0 10	14 30	1 27	0 24	2 36	14 49	0 19	16 43	1 1	28 15	4 35	15 28	15 5	10 44		n.a.
T 5	23 17	12 12	0 42	21 41	1 14	13 33	3 16	4 12	0 9	14 32	1 27	0 24	2 36	14 50	0 19	16 42	1 1	28 15	4 35	15 28	15 4	10 41		n.a.
W 6	23 11	17 38	0n30	21 58	1 5	13 17	3 29	3 55	0 8	14 34	1 27	0 24	2 36	14 51	0 19	16 41	1 1	28 15	4 35	15 28	15 3	10 38		n.a.
T 7	23 6	22 7	1 39	22 14	0 55	13 2	3 42	3 39	0 7	14 35	1 27	0 24	2 36	14 51	0 19	16 41	1 1	28 15	4 35	15 28	15 2	10 35		n.a.
F 8	23 0	25 24	2 42	22 29	0 45	12 47	3 56	3 22	0 6	14 37	1 28	0 23	2 37	14 52	0 19	16 40	1 1	28 15	4 35	15 26	15 1	10 31		n.a.
S 9	22 53	27 17	3 36	22 44	0 36	12 33	4 10	3 5	0 5	14 39	1 28	0 23	2 37	14 53	0 19	16 40	1 1	28 15	4 35	15 24	15 0	10 28		n.a.
S 10	22 46	27 40	4 17	22 58	0 26	12 19	4 24	2 49	0 4	14 40	1 28	0 23	2 37	14 53	0 19	16 39	1 1	28 15	4 35	15 21	14 59	10 25		n.a.
M11	22 38	26 36	4 46	23 12	0 17	12 7	4 38	2 32	0 3	14 42	1 29	0 23	2 38	14 54	0 19	16 38	1 1	28 15	4 35	15 17	14 58	10 22		n.a.
T 12	22 30	24 14	5 0	23 25	0 8	11 55	4 52	2 15	0 2	14 44	1 29	0 23	2 38	14 55	0 19	16 38	1 1	28 15	4 35	15 13	14 57	10 19		n.a.
W13	22 22	20 47	5 0	23 37	0s 0	11 43	5 6	1 58	0 1	14 46	1 29	0 23	2 38	14 55	0 19	16 37	1 1	28 15	4 35	15 9	14 56	10 16		n.a.
T 14	22 13	16 31	4 46	23 49	0 9	11 33	5 20	1 42	0 0	14 48	1 29	0 23	2 38	14 56	0 19	16 36	1 1	28 16	4 35	15 6	14 55	10 13		n.a.
F 15	22 4	11 40	4 21	23 59	0 17	11 23	5 33	1 25	0n 1	14 50	1 30	0 23	2 39	14 56	0 19	16 36	1 1	28 16	4 35	15 3	14 53	10 10		n.a.
S 16	21 54	6 25	3 44	24 8	0 25	11 14	5 47	1 8	0 2	14 52	1 30	0 24	2 39	14 57	0 19	16 35	1 1	28 16	4 35	15 0	14 52	10 7		n.a.
S 17	21 44	0 57	2 57	24 17	0 33	11 6	6 0	0 52	0 3	14 54	1 30	0 24	2 39	14 57	0 19	16 34	1 1	28 16	4 35	14 59	14 51	10 4		n.a.
M18	21 34	4s35	2 2	24 24	0 40	10 58	6 14	0 35	0 4	14 56	1 30	0 24	2 39	14 58	0 19	16 34	1 1	28 16	4 35	14 59	14 50	10 1		n.a.
T 19	21 23	10 1	1 2	24 30	0 48	10 52	6 27	0 18	0 5	14 59	1 30	0 24	2 40	14 58	0 19	16 33	1 1	28 16	4 35	14 59	14 49	9 58		n.a.
W20	21 12	15 12	0s 3	24 35	0 55	10 47	6 39	0 1	0 5	15 1	1 31	0 25	2 40	14 59	0 19	16 32	1 1	28 16	4 35	14 59	14 48	9 54		n.a.
T 21	21 0	19 53	1 9	24 39	1 1	10 42	6 51	0n15	0 6	15 3	1 31	0 25	2 40	14 59	0 19	16 32	1 1	28 16	4 35	14 58	14 47	9 51		n.a.
F 22	20 48	23 47	2 14	24 41	1 8	10 39	7 3	0 32	0 7	15 6	1 31	0 25	2 41	15 0	0 19	16 31	1 1	28 16	4 35	14 58	14 46	9 48		n.a.
S 23	20 36	26 31	3 13	24 42	1 14	10 36	7 14	0 49	0 8	15 8	1 31	0 26	2 41	15 0	0 19	16 30	1 1	28 16	4 35	14 56	14 45	9 45		n.a.
S 24	20 23	27 44	4 3	24 42	1 20	10 34	7 24	1 5	0 9	15 10	1 32	0 26	2 41	15 1	0 19	16 30	1 1	28 16	4 35	14 54	14 44	9 42		n.a.
M25	20 10	27 8	4 39	24 40	1 25	10 34	7 34	1 22	0 10	15 13	1 32	0 27	2 41	15 1	0 19	16 29	1 1	28 16	4 35	14 50	14 43	9 39		n.a.
T 26	19 56	24 40	4 58	24 37	1 30	10 34	7 43	1 38	0 11	15 15	1 32	0 27	2 42	15 2	0 19	16 28	1 1	28 16	4 35	14 47	14 42	9 36		n.a.
W27	19 42	20 30	4 57	24 32	1 35	10 35	7 52	1 55	0 11	15 18	1 32	0 28	2 42	15 2	0 19	16 28	1 1	28 16	4 35	14 43	14 41	9 33		n.a.
T 28	19 28	15 1	4 36	24 26	1 40	10 37	7 59	2 12	0 12	15 20	1 32	0 29	2 42	15 2	0 19	16 27	1 1	28 16	4 36	14 39	14 40	9 29		n.a.
F 29	19 13	8 40	3 56	24 18	1 44	10 40	8 6	2 28	0 13	15 23	1 32	0 29	2 42	15 3	0 19	16 26	1 1	28 16	4 36	14 37	14 39	9 26		n.a.
S 30	18 59	1 57	3 0	24 9	1 48	10 44	8 12	2 45	0 14	15 25	1 33	0 30	2 43	15 3	0 19	16 26	1 1	28 17	4 36	14 35	14 38	9 23		n.a.
S 31	18s43	4n45	1s55	23s58	1s52	10s49	8n16	3n 1	0n15	15n28	1n33	0n31	2n43	15s 3	0n19	16s25	1s 1	28n17	4n36	14n34	14n37	9n20		n.a.

Julian Day Number = 1616961.5, Delta T = 03h49m50s
Ecliptic obliquity = 23°43'54, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'10, Lahiri = - 7°54'10 Julian Calendar 1 Jan. 286 BCE == Greg. Calendar 28 Dec. 287 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

FEBRUARY 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 25 13	8♒ 6'36	0♉24	22♊14	6°R 5	7♈37	22°R55	4°R53	11♏10	18♒37	3°R28	8°R39	8♉47	16♍10	n.a.	M 1
T 2	8 29 10	9° 6'40	14° 6	23°52	5♒28	8°16	22♌48	4♎52	11°11	18°39	3♋27	8♉39	8°44	16°17	n.a.	T 2
W 3	8 33 6	10° 6'41	27°28	25°32	4°51	8°56	22°41	4°50	11°12	18°41	3°26	8°39	8°41	16°23	n.a.	W 3
T 4	8 37 3	11° 6'40	10♊35	27°12	4°15	9°35	22°33	4°48	11°13	18°44	3°25	8°36	8°38	16°30	n.a.	T 4
F 5	8 40 59	12° 6'37	23°27	28°54	3°41	10°14	22°26	4°47	11°14	18°46	3°24	8°31	8°34	16°37	n.a.	F 5
S 6	8 44 56	13° 6'32	6♋ 7	0♒37	3° 7	10°54	22°18	4°45	11°15	18°48	3°23	8°23	8°31	16°44	n.a.	S 6
S 7	8 48 52	14° 6'24	18°37	2°21	2°35	11°33	22°10	4°43	11°15	18°50	3°22	8°12	8°28	16°50	n.a.	S 7
M 8	8 52 49	15° 6'14	0♌58	4° 6	2° 5	12°12	22° 3	4°41	11°16	18°53	3°21	7°59	8°25	16°57	n.a.	M 8
T 9	8 56 45	16° 6'02	13°10	5°52	1°37	12°52	21°55	4°39	11°16	18°55	3°20	7°45	8°22	17° 4	n.a.	T 9
W10	9 0 42	17° 5'48	25°14	7°39	1°10	13°31	21°47	4°36	11°17	18°57	3°19	7°31	8°18	17°10	n.a.	W10
T 11	9 4 39	18° 5'32	7♍12	9°28	0°46	14°10	21°40	4°34	11°17	18°59	3°18	7°18	8°15	17°17	n.a.	T 11
F 12	9 8 35	19° 5'13	19° 4	11°18	0°24	14°49	21°32	4°32	11°18	19° 2	3°17	7° 7	8°12	17°24	n.a.	F 12
S 13	9 12 32	20° 4'53	0♎54	13° 9	0° 4	15°28	21°24	4°29	11°18	19° 4	3°16	6°59	8° 9	17°30	n.a.	S 13
S 14	9 16 28	21° 4'31	12°43	15° 1	29♑47	16° 8	21°16	4°26	11°18	19° 6	3°15	6°54	8° 6	17°37	n.a.	S 14
M15	9 20 25	22° 4'07	24°35	16°54	29°32	16°47	21° 8	4°24	11°18	19° 9	3°14	6°52	8° 3	17°44	n.a.	M15
T 16	9 24 21	23° 3'40	6♏36	18°49	29°20	17°26	21° 1	4°21	11°19	19°11	3°14	6°D51	7°59	17°50	n.a.	T 16
W17	9 28 18	24° 3'13	18°49	20°44	29°10	18° 5	20°53	4°18	11°19	19°13	3°13	6°R51	7°56	17°57	n.a.	W17
T 18	9 32 14	25° 2'43	1♐21	22°41	29° 3	18°44	20°45	4°15	11°19	19°15	3°12	6°51	7°53	18° 4	n.a.	T 18
F 19	9 36 11	26° 2'12	14°16	24°39	28°58	19°23	20°37	4°12	11°R19	19°18	3°11	6°50	7°50	18°11	n.a.	F 19
S 20	9 40 8	27° 1'38	27°38	26°38	28°D56	20° 3	20°30	4° 9	11°19	19°20	3°11	6°46	7°47	18°17	n.a.	S 20
S 21	9 44 4	28° 1'03	11♑30	28°38	28°56	20°42	20°22	4° 6	11°19	19°22	3°10	6°40	7°43	18°24	n.a.	S 21
M22	9 48 1	29° 0'26	25°52	0♓38	28°58	21°21	20°14	4° 3	11°19	19°24	3° 9	6°32	7°40	18°31	n.a.	M22
T 23	9 51 57	29°59'47	10♒39	2°40	29° 3	22° 0	20° 7	4° 0	11°18	19°27	3° 9	6°22	7°37	18°37	n.a.	T 23
W24	9 55 54	0♓59'06	25°45	4°42	29°10	22°39	19°59	3°56	11°18	19°29	3° 8	6°12	7°34	18°44	n.a.	W24
T 25	9 59 50	1°58'22	10♓59	6°44	29°19	23°18	19°52	3°53	11°18	19°31	3° 7	6° 3	7°31	18°51	n.a.	T 25
F 26	10 3 47	2°57'37	26°12	8°46	29°30	23°57	19°44	3°49	11°17	19°33	3° 7	5°56	7°28	18°57	n.a.	F 26
S 27	10 7 43	3°56'49	11♈11	10°49	29°44	24°36	19°37	3°46	11°17	19°36	3° 6	5°51	7°24	19° 4	n.a.	S 27
S 28	10 11 40	4♓55'59	25♈51	12♓51	29♑59	25♈15	19♌29	3♎42	11♏17	19♒38	3♋ 6	5♉49	7♉21	19♍11	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s28	11n 5	0s43	23s46	1s55	10s54	8n20	3n18	0n15	15n30	1n33	0n32	2n43	15s 4	0n19	16s24	1s 1	28n17	4n36	14n34	14n36	9n17		n.a.
T 2	18 12	16 43	0n29	23 31	1 57	11 0	8 23	3 34	0 16	15 33	1 33	0 32	2 43	15 4	0 19	16 23	1 1	28 17	4 36	14 34	14 35	9 14		n.a.
W 3	17 56	21 25	1 38	23 15	2 0	11 7	8 25	3 50	0 17	15 35	1 33	0 33	2 44	15 4	0 19	16 23	1 1	28 17	4 36	14 33	14 34	9 11		n.a.
T 4	17 39	24 57	2 40	22 58	2 2	11 14	8 26	4 7	0 18	15 38	1 33	0 34	2 44	15 4	0 19	16 22	1 1	28 17	4 36	14 33	14 33	9 8		n.a.
F 5	17 22	27 7	3 33	22 39	2 4	11 22	8 26	4 23	0 18	15 41	1 34	0 35	2 44	15 5	0 19	16 21	1 1	28 17	4 36	14 31	14 32	9 4		n.a.
S 6	17 5	27 49	4 14	22 18	2 5	11 30	8 25	4 39	0 19	15 43	1 34	0 36	2 44	15 5	0 19	16 21	1 1	28 17	4 36	14 28	14 31	9 1		n.a.
S 7	16 48	27 5	4 43	21 55	2 5	11 39	8 24	4 56	0 20	15 46	1 34	0 37	2 45	15 5	0 19	16 20	1 1	28 17	4 36	14 25	14 30	8 58		n.a.
M 8	16 30	25 1	4 57	21 30	2 6	11 48	8 21	5 12	0 21	15 49	1 34	0 38	2 45	15 5	0 19	16 19	1 1	28 17	4 36	14 21	14 29	8 55		n.a.
T 9	16 12	21 50	4 58	21 4	2 6	11 57	8 18	5 28	0 21	15 51	1 34	0 39	2 45	15 5	0 19	16 18	1 1	28 17	4 35	14 16	14 28	8 52		n.a.
W10	15 54	17 44	4 46	20 35	2 5	12 7	8 13	5 44	0 22	15 54	1 34	0 40	2 45	15 5	0 19	16 18	1 1	28 17	4 35	14 11	14 27	8 49		n.a.
T 11	15 36	13 0	4 21	20 5	2 4	12 17	8 8	6 0	0 23	15 56	1 34	0 42	2 46	15 6	0 19	16 17	1 1	28 17	4 35	14 7	14 26	8 45		n.a.
F 12	15 17	7 48	3 44	19 33	2 2	12 27	8 3	6 16	0 23	15 59	1 34	0 43	2 46	15 6	0 19	16 16	1 1	28 17	4 35	14 3	14 25	8 42		n.a.
S 13	14 58	2 21	2 58	19 0	2 0	12 37	7 57	6 32	0 24	16 2	1 34	0 44	2 46	15 6	0 19	16 16	1 1	28 17	4 35	14 1	14 24	8 39		n.a.
S 14	14 39	3s11	2 4	18 24	1 58	12 47	7 50	6 48	0 25	16 4	1 34	0 45	2 46	15 6	0 19	16 15	1 1	28 17	4 35	13 59	14 23	8 36		n.a.
M15	14 19	8 38	1 5	17 47	1 54	12 57	7 43	7 4	0 25	16 7	1 34	0 46	2 46	15 6	0 19	16 14	1 1	28 17	4 35	13 58	14 22	8 33		n.a.
T 16	14 0	13 52	0 1	17 7	1 51	13 7	7 35	7 20	0 26	16 10	1 35	0 48	2 47	15 6	0 19	16 14	1 1	28 17	4 35	13 58	14 21	8 30		n.a.
W17	13 40	18 39	1s 3	16 26	1 47	13 17	7 27	7 35	0 27	16 12	1 35	0 49	2 47	15 6	0 19	16 13	1 1	28 17	4 35	13 58	14 20	8 26		n.a.
T 18	13 20	22 44	2 6	15 43	1 42	13 27	7 18	7 51	0 27	16 15	1 35	0 50	2 47	15 6	0 19	16 12	1 1	28 17	4 35	13 58	14 18	8 23		n.a.
F 19	13 0	25 51	3 5	14 59	1 36	13 37	7 9	8 7	0 28	16 17	1 35	0 52	2 47	15 6	0 19	16 11	1 2	28 17	4 35	13 58	14 17	8 20		n.a.
S 20	12 39	27 38	3 56	14 12	1 30	13 46	7 0	8 22	0 29	16 20	1 35	0 53	2 47	15 6	0 19	16 11	1 2	28 17	4 35	13 56	14 16	8 17		n.a.
S 21	12 18	27 47	4 34	13 24	1 24	13 55	6 51	8 38	0 29	16 22	1 35	0 55	2 48	15 6	0 19	16 10	1 2	28 17	4 35	13 54	14 15	8 14		n.a.
M22	11 58	26 6	4 58	12 35	1 17	14 4	6 41	8 53	0 30	16 25	1 35	0 56	2 48	15 6	0 19	16 9	1 2	28 17	4 35	13 52	14 14	8 10		n.a.
T 23	11 37	22 37	5 2	11 44	1 9	14 13	6 31	9 9	0 31	16 27	1 35	0 58	2 48	15 6	0 19	16 9	1 2	28 17	4 35	13 48	14 13	8 7		n.a.
W24	11 15	17 33	4 46	10 51	1 1	14 21	6 22	9 24	0 31	16 30	1 35	0 59	2 48	15 6	0 19	16 8	1 2	28 17	4 35	13 45	14 12	8 4		n.a.
T 25	10 54	11 22	4 9	9 57	0 52	14 29	6 11	9 39	0 32	16 32	1 35	1 1	2 48	15 6	0 19	16 7	1 2	28 17	4 35	13 42	14 11	8 1		n.a.
F 26	10 33	4 30	3 15	9 2	0 43	14 37	6 1	9 54	0 32	16 34	1 35	1 2	2 49	15 6	0 19	16 6	1 2	28 17	4 35	13 40	14 10	7 58		n.a.
S 27	10 11	2n32	2 7	8 7	0 33	14 44	5 51	10 9	0 33	16 37	1 35	1 4	2 49	15 5	0 19	16 6	1 2	28 17	4 35	13 38	14 9	7 55		n.a.
S 28	9s49	9n17	0s53	7s10	0s23	14s51	5n41	10n24	0n34	16n39	1n35	1n 5	2n49	15s 5	0n20	16s 5	1s 2	28n17	4n35	13n37	14n 8	7n51		n.a.

Julian Day Number = 1616992.5, Delta T = 03h49m49s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'06, Lahiri = - 7°54'06 Julian Calendar 1 Feb. 286 BCE == Greg. Calendar 28 Jan. 286 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

MARCH 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 15 36	5♓55'06	10♉ 7	14♓53	0♒17	25♈54	19°R22	3°R38	11°R16	19♒40	3°R 5	5°D48	7♉18	19♍17	n.a.	M 1
T 2	10 19 33	6°54'11	23°57	16°53	0°36	26°33	19♌15	3♎35	11♏15	19°42	3♋ 5	5♉49	7°15	19°24	n.a.	T 2
W 3	10 23 30	7°53'13	7♊23	18°53	0°57	27°12	19° 8	3°31	11°15	19°44	3° 4	5°R49	7°12	19°31	n.a.	W 3
T 4	10 27 26	8°52'14	20°27	20°50	1°20	27°51	19° 1	3°27	11°14	19°47	3° 4	5°49	7° 9	19°38	n.a.	T 4
F 5	10 31 23	9°51'12	3♋12	22°46	1°45	28°30	18°54	3°23	11°13	19°49	3° 3	5°46	7° 5	19°44	n.a.	F 5
S 6	10 35 19	10°50'07	15°42	24°40	2°11	29° 9	18°47	3°19	11°13	19°51	3° 3	5°41	7° 2	19°51	n.a.	S 6
S 7	10 39 16	11°49'00	28° 0	26°30	2°39	29°48	18°41	3°15	11°12	19°53	3° 3	5°34	6°59	19°58	n.a.	S 7
M 8	10 43 12	12°47'51	10♌ 9	28°18	3° 9	0♉27	18°34	3°11	11°11	19°55	3° 2	5°25	6°56	20° 4	n.a.	M 8
T 9	10 47 9	13°46'39	22°11	0♈ 2	3°39	1° 5	18°27	3° 7	11°10	19°57	3° 2	5°15	6°53	20°11	n.a.	T 9
W10	10 51 5	14°45'25	4♍ 7	1°42	4°12	1°44	18°21	3° 3	11° 9	19°59	3° 2	5° 5	6°49	20°18	n.a.	W10
T 11	10 55 2	15°44'09	15°59	3°18	4°46	2°23	18°15	2°59	11° 8	20° 1	3° 1	4°56	6°46	20°24	n.a.	T 11
F 12	10 58 59	16°42'51	27°49	4°49	5°21	3° 2	18° 9	2°55	11° 7	20° 4	3° 1	4°49	6°43	20°31	n.a.	F 12
S 13	11 2 55	17°41'31	9♎39	6°16	5°57	3°41	18° 3	2°50	11° 6	20° 6	3° 1	4°43	6°40	20°38	n.a.	S 13
S 14	11 6 52	18°40'09	21°31	7°39	6°35	4°19	17°57	2°46	11° 5	20° 8	3° 1	4°40	6°37	20°44	n.a.	S 14
M15	11 10 48	19°38'45	3♏27	8°56	7°13	4°58	17°51	2°42	11° 4	20°10	3° 0	4°D39	6°34	20°51	n.a.	M15
T 16	11 14 45	20°37'19	15°31	10° 8	7°53	5°37	17°45	2°37	11° 2	20°12	3° 0	4°40	6°30	20°58	n.a.	T 16
W17	11 18 41	21°35'52	27°47	11°14	8°34	6°16	17°40	2°33	11° 1	20°14	3° 0	4°41	6°27	21° 4	n.a.	W17
T 18	11 22 38	22°34'23	10♐19	12°15	9°16	6°54	17°35	2°29	11° 0	20°16	3° 0	4°43	6°24	21°11	n.a.	T 18
F 19	11 26 34	23°32'52	23°12	13°11	9°59	7°33	17°29	2°24	10°58	20°18	3° 0	4°R43	6°21	21°18	n.a.	F 19
S 20	11 30 31	24°31'19	6♑29	14° 1	10°43	8°12	17°24	2°20	10°57	20°20	3° 0	4°43	6°18	21°25	n.a.	S 20
S 21	11 34 28	25°29'45	20°13	14°45	11°28	8°51	17°20	2°15	10°56	20°22	3°D 0	4°40	6°15	21°31	n.a.	S 21
M22	11 38 24	26°28'09	4♒25	15°23	12°14	9°29	17°15	2°11	10°54	20°24	3° 0	4°36	6°11	21°38	n.a.	M22
T 23	11 42 21	27°26'31	19° 3	15°56	13° 0	10° 8	17°10	2° 6	10°53	20°25	3° 0	4°31	6° 8	21°45	n.a.	T 23
W24	11 46 17	28°24'52	4♓ 1	16°22	13°48	10°46	17° 6	2° 2	10°51	20°27	3° 0	4°26	6° 5	21°51	n.a.	W24
T 25	11 50 14	29°23'10	19°13	16°43	14°36	11°25	17° 2	1°57	10°49	20°29	3° 0	4°21	6° 2	21°58	n.a.	T 25
F 26	11 54 10	0♈21'27	4♈28	16°58	15°25	12° 4	16°57	1°53	10°48	20°31	3° 0	4°17	5°59	22° 5	n.a.	F 26
S 27	11 58 7	1°19'42	19°35	17° 7	16°15	12°42	16°54	1°48	10°46	20°33	3° 1	4°15	5°55	22°11	n.a.	S 27
S 28	12 2 3	2°17'55	4♉26	17°R10	17° 5	13°21	16°50	1°44	10°44	20°35	3° 1	4°D14	5°52	22°18	n.a.	S 28
M29	12 6 0	3°16'06	18°54	17° 8	17°56	13°59	16°46	1°39	10°43	20°37	3° 1	4°15	5°49	22°25	n.a.	M29
T 30	12 9 56	4°14'15	2♊56	17° 1	18°48	14°38	16°43	1°35	10°41	20°38	3° 1	4°16	5°46	22°31	n.a.	T 30
W31	12 13 53	5♈12'22	16♊30	16♈49	19♒40	15♉17	16♌40	1♎30	10♏39	20♒40	3♋ 1	4♉18	5♉43	22♍38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9s27	15n24	0n23	6s13	0s12	14s57	5n31	10n39	0n34	16n41	1n35	1n 7	2n49	15s 5	0n20	16s 4	1s 2	28n17	4n35	13n37	14n 7	7n48		n.a.
T 2	9 5	20 32	1 35	5 15	0 1	15 3	5 20	10 54	0 35	16 44	1 35	1 9	2 49	15 5	0 20	16 4	1 2	28 17	4 35	13 37	14 6	7 45		n.a.
W 3	8 43	24 27	2 41	4 18	0n10	15 9	5 10	11 9	0 35	16 46	1 35	1 10	2 49	15 5	0 20	16 3	1 2	28 17	4 35	13 37	14 5	7 42		n.a.
T 4	8 21	26 58	3 35	3 20	0 22	15 14	5 0	11 24	0 36	16 48	1 35	1 12	2 50	15 4	0 20	16 2	1 2	28 17	4 35	13 37	14 4	7 38		n.a.
F 5	7 58	27 59	4 18	2 23	0 34	15 19	4 49	11 38	0 36	16 50	1 35	1 14	2 50	15 4	0 20	16 2	1 2	28 17	4 35	13 36	14 3	7 35		n.a.
S 6	7 36	27 33	4 47	1 27	0 46	15 23	4 39	11 53	0 37	16 52	1 34	1 15	2 50	15 4	0 20	16 1	1 2	28 16	4 35	13 35	14 2	7 32		n.a.
S 7	7 13	25 45	5 3	0 32	0 58	15 26	4 29	12 7	0 37	16 54	1 34	1 17	2 50	15 4	0 20	16 0	1 2	28 16	4 35	13 32	14 1	7 29		n.a.
M 8	6 50	22 47	5 4	0n23	1 10	15 29	4 19	12 21	0 38	16 56	1 34	1 19	2 50	15 3	0 20	16 0	1 2	28 16	4 35	13 29	14 0	7 26		n.a.
T 9	6 27	18 53	4 52	1 15	1 21	15 32	4 9	12 36	0 38	16 58	1 34	1 21	2 50	15 3	0 20	15 59	1 2	28 16	4 35	13 26	13 59	7 22		n.a.
W10	6 4	14 16	4 28	2 6	1 33	15 34	3 59	12 50	0 39	17 0	1 34	1 22	2 50	15 3	0 20	15 58	1 2	28 16	4 35	13 23	13 58	7 19		n.a.
T 11	5 41	9 8	3 51	2 55	1 44	15 36	3 49	13 4	0 40	17 2	1 34	1 24	2 50	15 3	0 20	15 58	1 2	28 16	4 35	13 19	13 56	7 16		n.a.
F 12	5 18	3 42	3 5	3 42	1 55	15 37	3 40	13 18	0 40	17 4	1 34	1 26	2 50	15 2	0 20	15 57	1 2	28 16	4 35	13 17	13 55	7 13		n.a.
S 13	4 55	1s52	2 11	4 26	2 5	15 37	3 30	13 32	0 41	17 6	1 34	1 28	2 51	15 2	0 20	15 56	1 2	28 16	4 34	13 15	13 54	7 9		n.a.
S 14	4 32	7 24	1 11	5 8	2 15	15 37	3 21	13 46	0 41	17 7	1 34	1 29	2 51	15 2	0 20	15 56	1 2	28 16	4 34	13 14	13 53	7 6		n.a.
M15	4 9	12 43	0 7	5 47	2 24	15 37	3 11	13 59	0 41	17 9	1 34	1 31	2 51	15 1	0 20	15 55	1 2	28 16	4 34	13 14	13 52	7 3		n.a.
T 16	3 46	17 37	0s59	6 23	2 32	15 35	3 2	14 13	0 42	17 11	1 34	1 33	2 51	15 1	0 20	15 55	1 2	28 16	4 34	13 14	13 51	7 0		n.a.
W17	3 22	21 53	2 2	6 57	2 40	15 34	2 53	14 26	0 42	17 12	1 33	1 35	2 51	15 0	0 20	15 54	1 2	28 16	4 34	13 14	13 50	6 57		n.a.
T 18	2 59	25 15	3 1	7 27	2 47	15 31	2 44	14 40	0 43	17 14	1 33	1 37	2 51	15 0	0 20	15 53	1 2	28 16	4 34	13 15	13 49	6 53		n.a.
F 19	2 36	27 26	3 53	7 55	2 53	15 28	2 35	14 53	0 43	17 15	1 33	1 39	2 51	14 59	0 20	15 53	1 2	28 16	4 34	13 15	13 48	6 50		n.a.
S 20	2 12	28 8	4 34	8 19	2 58	15 25	2 26	15 6	0 44	17 17	1 33	1 40	2 51	14 59	0 20	15 52	1 2	28 16	4 34	13 15	13 47	6 47		n.a.
S 21	1 49	27 9	5 1	8 40	3 2	15 21	2 18	15 19	0 44	17 18	1 33	1 42	2 51	14 59	0 20	15 52	1 2	28 16	4 34	13 14	13 46	6 44		n.a.
M22	1 25	24 25	5 11	8 58	3 5	15 16	2 9	15 32	0 45	17 20	1 33	1 44	2 51	14 58	0 20	15 51	1 2	28 16	4 34	13 13	13 45	6 40		n.a.
T 23	1 2	20 3	5 1	9 12	3 7	15 11	2 1	15 45	0 45	17 21	1 33	1 46	2 51	14 58	0 20	15 50	1 2	28 16	4 34	13 11	13 44	6 37		n.a.
W24	0 38	14 20	4 31	9 23	3 7	15 6	1 52	15 58	0 46	17 22	1 32	1 48	2 51	14 57	0 20	15 50	1 2	28 16	4 34	13 9	13 43	6 34		n.a.
T 25	0 15	7 42	3 41	9 31	3 7	14 59	1 44	16 10	0 46	17 23	1 32	1 50	2 51	14 57	0 20	15 49	1 2	28 16	4 34	13 8	13 42	6 31		n.a.
F 26	0n 9	0 35	2 35	9 35	3 5	14 53	1 36	16 23	0 47	17 24	1 32	1 51	2 51	14 56	0 20	15 49	1 2	28 16	4 34	13 6	13 41	6 27		n.a.
S 27	0 32	6n32	1 19	9 35	3 2	14 45	1 29	16 35	0 47	17 25	1 32	1 53	2 51	14 56	0 20	15 48	1 2	28 16	4 34	13 5	13 39	6 24		n.a.
S 28	0 55	13 10	0n 1	9 33	2 57	14 37	1 21	16 47	0 47	17 26	1 32	1 55	2 51	14 55	0 20	15 47	1 2	28 15	4 34	13 5	13 38	6 21		n.a.
M29	1 19	18 56	1 19	9 27	2 52	14 29	1 13	16 59	0 48	17 27	1 32	1 57	2 51	14 54	0 20	15 47	1 2	28 15	4 34	13 5	13 37	6 17		n.a.
T 30	1 42	23 28	2 31	9 17	2 45	14 20	1 6	17 11	0 48	17 28	1 32	1 59	2 51	14 54	0 20	15 46	1 2	28 15	4 34	13 6	13 36	6 14		n.a.
W31	2n 6	26n32	3n31	9n 5	2n36	14s10	0n59	17n23	0n49	17n29	1n31	2n 0	2n51	14s53	0n20	15s46	1s 2	28n15	4n34	13n 6	13n35	6n11		n.a.

Julian Day Number = 1617020.5, Delta T = 03h49m48s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°01'02, Lahiri = - 7°54'02 Julian Calendar 1 March 286 BCE == Greg. Calendar 25 Feb. 286 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

APRIL 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 17 50	6♈10'27	29♊40	16°R32	20♒33	15♉55	16°R36	1°R26	10°R37	20♒42	3♋ 2	4♉19	5♉40	22♍45	n.a.	T 1
F 2	12 21 46	7° 8'30	12♋27	16♈10	21°26	16°34	16♏34	1♎21	10♏35	20°44	3° 2	4°R19	5°36	22°51	n.a.	F 2
S 3	12 25 43	8° 6'30	24°56	15°45	22°20	17°12	16°31	1°17	10°33	20°45	3° 2	4°18	5°33	22°58	n.a.	S 3
S 4	12 29 39	9° 4'29	7♌ 9	15°16	23°14	17°51	16°28	1°12	10°31	20°47	3° 3	4°15	5°30	23° 5	n.a.	S 4
M 5	12 33 36	10° 2'26	19°12	14°44	24° 9	18°29	16°26	1° 8	10°29	20°49	3° 3	4°12	5°27	23°11	n.a.	M 5
T 6	12 37 32	11° 0'21	1♍ 8	14°10	25° 5	19° 8	16°24	1° 4	10°27	20°50	3° 3	4° 8	5°24	23°18	n.a.	T 6
W 7	12 41 29	11°58'14	12°59	13°35	26° 1	19°46	16°22	0°59	10°25	20°52	3° 4	4° 5	5°20	23°25	n.a.	W 7
T 8	12 45 25	12°56'05	24°49	12°58	26°57	20°24	16°20	0°55	10°23	20°53	3° 4	4° 1	5°17	23°31	n.a.	T 8
F 9	12 49 22	13°53'55	6♎39	12°21	27°54	21° 3	16°18	0°50	10°21	20°55	3° 5	3°59	5°14	23°38	n.a.	F 9
S 10	12 53 19	14°51'43	18°33	11°44	28°51	21°41	16°17	0°46	10°19	20°56	3° 5	3°57	5°11	23°45	n.a.	S 10
S 11	12 57 15	15°49'29	0♏31	11° 8	29°49	22°20	16°16	0°42	10°17	20°58	3° 6	3°D56	5° 8	23°52	n.a.	S 11
M12	13 1 12	16°47'14	12°36	10°34	0♓47	22°58	16°15	0°38	10°15	20°59	3° 6	3°56	5° 5	23°58	n.a.	M12
T 13	13 5 8	17°44'58	24°50	10° 2	1°46	23°36	16°14	0°33	10°12	21° 1	3° 7	3°57	5° 1	24° 5	n.a.	T 13
W14	13 9 5	18°42'40	7♐17	9°32	2°45	24°15	16°13	0°29	10°10	21° 2	3° 8	3°58	4°58	24°12	n.a.	W14
T 15	13 13 1	19°40'21	19°57	9° 6	3°44	24°53	16°12	0°25	10° 8	21° 4	3° 8	4° 0	4°55	24°18	n.a.	T 15
F 16	13 16 58	20°38'01	2♑54	8°43	4°44	25°31	16°12	0°21	10° 6	21° 5	3° 9	4° 1	4°52	24°25	n.a.	F 16
S 17	13 20 54	21°35'40	16°12	8°23	5°44	26° 9	16°12	0°17	10° 3	21° 6	3°10	4°R 1	4°49	24°32	n.a.	S 17
S 18	13 24 51	22°33'18	29°50	8° 8	6°44	26°48	16°D12	0°13	10° 1	21° 8	3°10	4° 1	4°46	24°38	n.a.	S 18
M19	13 28 48	23°30'54	13♒52	7°57	7°44	27°26	16°12	0° 9	9°59	21° 9	3°11	4° 0	4°42	24°45	n.a.	M19
T 20	13 32 44	24°28'30	28°15	7°50	8°45	28° 4	16°12	0° 5	9°56	21°10	3°12	4° 0	4°39	24°52	n.a.	T 20
W21	13 36 41	25°26'04	12♓56	7°D48	9°47	28°43	16°13	0° 1	9°54	21°11	3°13	3°59	4°36	24°58	n.a.	W21
T 22	13 40 37	26°23'37	27°51	7°51	10°48	29°21	16°14	29♍57	9°52	21°13	3°13	3°58	4°33	25° 5	n.a.	T 22
F 23	13 44 34	27°21'09	12♈51	7°58	11°50	29°59	16°15	29°54	9°49	21°14	3°14	3°57	4°30	25°12	n.a.	F 23
S 24	13 48 30	28°18'40	27°50	8° 9	12°52	0♊37	16°16	29°50	9°47	21°15	3°15	3°D57	4°26	25°18	n.a.	S 24
S 25	13 52 27	29°16'10	12♉37	8°25	13°54	1°16	16°17	29°46	9°44	21°16	3°16	3°57	4°23	25°25	n.a.	S 25
M26	13 56 23	0♉13'39	27° 7	8°45	14°57	1°54	16°18	29°43	9°42	21°17	3°17	3°57	4°20	25°32	n.a.	M26
T 27	14 0 20	1°11'07	11♊14	9°10	15°59	2°32	16°20	29°39	9°40	21°18	3°18	3°57	4°17	25°38	n.a.	T 27
W28	14 4 17	2° 8'33	24°56	9°39	17° 2	3°10	16°22	29°36	9°37	21°19	3°19	3°58	4°14	25°45	n.a.	W28
T 29	14 8 13	3° 5'58	8♋12	10°12	18° 6	3°48	16°24	29°32	9°35	21°20	3°20	3°58	4°11	25°52	n.a.	T 29
F 30	14 12 10	4♉ 3'21	21♋ 4	10♈49	19♓ 9	4♊27	16♏26	29♍29	9♏32	21♒21	3♋21	3°R58	4♉ 7	25♍58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n29	28n 2	4n18	8n49	2n27	14s 0	0n52	17n35	0n49	17n30	1n31	2n 2	2n51	14s53	0n20	15s45	1s 3	28n15	4n34	13n 7	13n34	6n 8		n.a.
F 2	2 52	27 58	4 51	8 31	2 16	13 50	0 45	17 47	0 49	17 31	1 31	2 4	2 51	14 52	0 20	15 45	1 3	28 15	4 33	13 7	13 33	6 4		n.a.
S 3	3 15	26 29	5 10	8 10	2 4	13 39	0 38	17 58	0 50	17 31	1 31	2 6	2 51	14 52	0 20	15 44	1 3	28 15	4 33	13 6	13 32	6 1		n.a.
S 4	3 38	23 45	5 13	7 47	1 51	13 27	0 31	18 10	0 50	17 32	1 31	2 8	2 51	14 51	0 20	15 44	1 3	28 15	4 33	13 6	13 31	5 58		n.a.
M 5	4 1	20 2	5 3	7 21	1 36	13 15	0 24	18 21	0 51	17 32	1 30	2 9	2 51	14 50	0 20	15 43	1 3	28 15	4 33	13 4	13 30	5 55		n.a.
T 6	4 24	15 33	4 40	6 54	1 22	13 2	0 18	18 32	0 51	17 33	1 30	2 11	2 51	14 50	0 20	15 43	1 3	28 15	4 33	13 3	13 29	5 51		n.a.
W 7	4 47	10 31	4 5	6 26	1 6	12 49	0 12	18 43	0 51	17 33	1 30	2 13	2 51	14 49	0 20	15 42	1 3	28 15	4 33	13 2	13 28	5 48		n.a.
T 8	5 10	5 7	3 19	5 56	0 50	12 35	0 6	18 54	0 52	17 34	1 30	2 14	2 51	14 48	0 20	15 42	1 3	28 15	4 33	13 1	13 27	5 45		n.a.
F 9	5 33	0s28	2 25	5 26	0 33	12 21	0s 0	19 4	0 52	17 34	1 30	2 16	2 51	14 48	0 20	15 41	1 3	28 15	4 33	13 0	13 26	5 41		n.a.
S 10	5 55	6 4	1 24	4 56	0 16	12 7	0 6	19 15	0 52	17 34	1 29	2 18	2 51	14 47	0 20	15 41	1 3	28 15	4 33	12 59	13 25	5 38		n.a.
S 11	6 18	11 30	0 19	4 26	0s 1	11 52	0 12	19 25	0 53	17 34	1 29	2 19	2 51	14 46	0 20	15 40	1 3	28 15	4 33	12 59	13 23	5 35		n.a.
M12	6 40	16 34	0s48	3 57	0 18	11 36	0 18	19 36	0 53	17 35	1 29	2 21	2 51	14 46	0 20	15 40	1 3	28 15	4 33	12 59	13 22	5 32		n.a.
T 13	7 3	21 2	1 53	3 29	0 35	11 20	0 23	19 46	0 53	17 35	1 29	2 23	2 51	14 45	0 20	15 40	1 3	28 15	4 33	12 59	13 21	5 28		n.a.
W14	7 25	24 39	2 54	3 2	0 51	11 4	0 28	19 56	0 54	17 35	1 29	2 24	2 51	14 44	0 20	15 39	1 3	28 14	4 33	13 0	13 20	5 25		n.a.
T 15	7 47	27 8	3 48	2 37	1 7	10 47	0 34	20 6	0 54	17 35	1 28	2 26	2 50	14 43	0 20	15 39	1 3	28 14	4 33	13 0	13 19	5 22		n.a.
F 16	8 9	28 13	4 31	2 14	1 23	10 30	0 39	20 15	0 54	17 35	1 28	2 27	2 50	14 43	0 20	15 38	1 3	28 14	4 33	13 1	13 18	5 18		n.a.
S 17	8 31	27 43	5 2	1 53	1 37	10 12	0 44	20 25	0 55	17 34	1 28	2 29	2 50	14 42	0 20	15 38	1 3	28 14	4 33	13 1	13 17	5 15		n.a.
S 18	8 53	25 34	5 16	1 34	1 51	9 54	0 48	20 34	0 55	17 34	1 28	2 31	2 50	14 41	0 20	15 38	1 3	28 14	4 33	13 1	13 16	5 12		n.a.
M19	9 14	21 50	5 12	1 18	2 4	9 35	0 53	20 44	0 55	17 34	1 28	2 32	2 50	14 41	0 20	15 37	1 3	28 14	4 33	13 1	13 15	5 9		n.a.
T 20	9 36	16 44	4 49	1 4	2 16	9 16	0 57	20 53	0 56	17 34	1 27	2 33	2 50	14 40	0 20	15 37	1 3	28 14	4 33	13 0	13 14	5 5		n.a.
W21	9 57	10 34	4 7	0 53	2 27	8 57	1 2	21 2	0 56	17 33	1 27	2 35	2 50	14 39	0 20	15 36	1 3	28 14	4 33	13 0	13 13	5 2		n.a.
T 22	10 18	3 43	3 7	0 44	2 38	8 37	1 6	21 10	0 56	17 33	1 27	2 36	2 50	14 38	0 20	15 36	1 3	28 14	4 33	13 0	13 12	4 59		n.a.
F 23	10 39	3n23	1 54	0 39	2 47	8 17	1 10	21 19	0 57	17 32	1 27	2 38	2 49	14 38	0 20	15 36	1 3	28 14	4 32	12 59	13 10	4 55		n.a.
S 24	11 0	10 18	0 34	0 36	2 55	7 57	1 14	21 27	0 57	17 32	1 27	2 39	2 49	14 37	0 20	15 35	1 3	28 14	4 32	12 59	13 9	4 52		n.a.
S 25	11 21	16 34	0n48	0 36	3 2	7 36	1 18	21 36	0 57	17 31	1 26	2 40	2 49	14 36	0 20	15 35	1 3	28 14	4 32	12 59	13 8	4 49		n.a.
M26	11 41	21 47	2 5	0 38	3 8	7 15	1 22	21 44	0 57	17 31	1 26	2 42	2 49	14 35	0 20	15 35	1 3	28 14	4 32	12 59	13 7	4 45		n.a.
T 27	12 2	25 35	3 13	0 43	3 13	6 54	1 25	21 52	0 58	17 30	1 26	2 43	2 49	14 34	0 20	15 34	1 4	28 14	4 32	12 59	13 6	4 42		n.a.
W28	12 22	27 45	4 7	0 51	3 18	6 32	1 29	22 0	0 58	17 29	1 26	2 44	2 49	14 34	0 20	15 34	1 4	28 14	4 32	13 0	13 5	4 39		n.a.
T 29	12 42	28 14	4 46	1 1	3 21	6 10	1 32	22 7	0 58	17 28	1 26	2 45	2 49	14 33	0 20	15 34	1 4	28 14	4 32	13 0	13 4	4 35		n.a.
F 30	13n 2	27n 9	5n 9	1n13	3s23	5s48	1s35	22n15	0n59	17n28	1n25	2n47	2n48	14s32	0n20	15s34	1s 4	28n13	4n32	13n 0	13n 3	4n32		n.a.

Julian Day Number = 1617051.5, Delta T = 03h49m47s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'58, Lahiri = - 7°53'58 Julian Calendar 1 Apr. 286 BCE == Greg. Calendar 28 March 286 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

MAY 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 16 6	5♉ 0'44	3♌35	11♈30	20♓13	5♊ 5	16♌28	29°R26	9°R30	21♒22	3♋22	3°D58	4♉ 4	26♍ 5	n.a.	S 1
S 2	14 20 3	5°58'05	15°49	12°14	21°17	5°43	16°31	29♍23	9♏27	21°23	3°23	3♉58	4° 1	26°12	n.a.	S 2
M 3	14 23 59	6°55'24	27°51	13° 3	22°21	6°21	16°33	29°19	9°25	21°24	3°24	3°58	3°58	26°18	n.a.	M 3
T 4	14 27 56	7°52'43	9♍45	13°55	23°25	6°59	16°36	29°16	9°22	21°25	3°25	3°58	3°55	26°25	n.a.	T 4
W 5	14 31 52	8°50'00	21°35	14°51	24°30	7°37	16°39	29°13	9°20	21°26	3°26	3°59	3°52	26°32	n.a.	W 5
T 6	14 35 49	9°47'16	3♎25	15°50	25°34	8°15	16°42	29°11	9°17	21°26	3°27	3°59	3°48	26°38	n.a.	T 6
F 7	14 39 46	10°44'32	15°18	16°53	26°39	8°54	16°46	29° 8	9°15	21°27	3°28	4° 0	3°45	26°45	n.a.	F 7
S 8	14 43 42	11°41'46	27°17	17°59	27°44	9°32	16°49	29° 5	9°12	21°28	3°29	4° 0	3°42	26°52	n.a.	S 8
S 9	14 47 39	12°39'00	9♏25	19° 8	28°49	10°10	16°53	29° 2	9°10	21°29	3°30	4°R 0	3°39	26°58	n.a.	S 9
M10	14 51 35	13°36'12	21°44	20°20	29°55	10°48	16°57	29° 0	9° 7	21°29	3°32	4° 0	3°36	27° 5	n.a.	M10
T 11	14 55 32	14°33'25	4♐14	21°36	1♈ 0	11°26	17° 1	28°57	9° 5	21°30	3°33	3°59	3°32	27°12	n.a.	T 11
W12	14 59 28	15°30'36	16°58	22°54	2° 6	12° 4	17° 5	28°55	9° 3	21°30	3°34	3°58	3°29	27°18	n.a.	W12
T 13	15 3 25	16°27'48	29°55	24°16	3°12	12°42	17° 9	28°53	9° 0	21°31	3°35	3°56	3°26	27°25	n.a.	T 13
F 14	15 7 21	17°24'58	13♑ 6	25°41	4°18	13°20	17°14	28°50	8°58	21°32	3°36	3°54	3°23	27°32	n.a.	F 14
S 15	15 11 18	18°22'09	26°33	27° 9	5°24	13°58	17°18	28°48	8°55	21°32	3°38	3°53	3°20	27°39	n.a.	S 15
S 16	15 15 15	19°19'19	10♒15	28°39	6°30	14°36	17°23	28°46	8°53	21°33	3°39	3°52	3°17	27°45	n.a.	S 16
M17	15 19 11	20°16'29	24°12	0♉13	7°37	15°14	17°28	28°44	8°50	21°33	3°40	3°D52	3°13	27°52	n.a.	M17
T 18	15 23 8	21°13'39	8♓22	1°50	8°44	15°52	17°33	28°42	8°48	21°33	3°42	3°53	3°10	27°59	n.a.	T 18
W19	15 27 4	22°10'48	22°46	3°29	9°50	16°30	17°38	28°40	8°46	21°34	3°43	3°54	3° 7	28° 5	n.a.	W19
T 20	15 31 1	23° 7'58	7♈18	5°11	10°57	17° 8	17°44	28°39	8°43	21°34	3°44	3°55	3° 4	28°12	n.a.	T 20
F 21	15 34 57	24° 5'07	21°55	6°57	12° 4	17°46	17°49	28°37	8°41	21°34	3°46	3°56	3° 1	28°19	n.a.	F 21
S 22	15 38 54	25° 2'16	6♉32	8°45	13°12	18°24	17°55	28°36	8°38	21°35	3°47	3°R56	2°57	28°25	n.a.	S 22
S 23	15 42 51	25°59'25	21° 3	10°35	14°19	19° 2	18° 1	28°34	8°36	21°35	3°49	3°55	2°54	28°32	n.a.	S 23
M24	15 46 47	26°56'33	5♊21	12°28	15°26	19°40	18° 7	28°33	8°34	21°35	3°50	3°53	2°51	28°39	n.a.	M24
T 25	15 50 44	27°53'42	19°22	14°24	16°34	20°18	18°13	28°31	8°32	21°35	3°51	3°51	2°48	28°45	n.a.	T 25
W26	15 54 40	28°50'50	3♋ 1	16°23	17°41	20°56	18°19	28°30	8°29	21°35	3°53	3°47	2°45	28°52	n.a.	W26
T 27	15 58 37	29°47'58	16°18	18°23	18°49	21°34	18°26	28°29	8°27	21°36	3°54	3°43	2°42	28°59	n.a.	T 27
F 28	16 2 33	0♊45'05	29°12	20°25	19°57	22°12	18°32	28°28	8°25	21°36	3°56	3°40	2°38	29° 5	n.a.	F 28
S 29	16 6 30	1°42'12	11♌46	22°30	21° 5	22°50	18°39	28°27	8°23	21°36	3°57	3°37	2°35	29°12	n.a.	S 29
S 30	16 10 26	2°39'19	24° 2	24°36	22°13	23°28	18°46	28°27	8°20	21°R36	3°59	3°36	2°32	29°19	n.a.	S 30
M31	16 14 23	3♊36'25	6♍ 4	26♉43	23♈21	24♊ 6	18♌53	28♍26	8♏18	21♒36	4♋ 0	3°D35	2♉29	29♍25	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n21	24n43	5n17	1n28	3s25	5s25	1s38	22n22	0n59	17n27	1n25	2n48	2n48	14s31	0n20	15s33	1s 4	28n13	4n32	13n 0	13n 2	4n29		n.a.
S 2	13 40	21 13	5 11	1 45	3 26	5 3	1 41	22 29	0 59	17 26	1 25	2 49	2 48	14 31	0 20	15 33	1 4	28 13	4 32	13 0	13 1	4 25		n.a.
M 3	13 59	16 54	4 50	2 4	3 26	4 40	1 44	22 36	0 59	17 25	1 25	2 50	2 48	14 30	0 20	15 33	1 4	28 13	4 32	13 0	13 0	4 22		n.a.
T 4	14 18	11 58	4 18	2 25	3 25	4 16	1 47	22 43	1 0	17 24	1 24	2 51	2 48	14 29	0 20	15 33	1 4	28 13	4 32	13 0	12 59	4 19		n.a.
W 5	14 37	6 39	3 34	2 48	3 23	3 53	1 49	22 50	1 0	17 22	1 24	2 52	2 47	14 28	0 20	15 32	1 4	28 13	4 32	13 0	12 57	4 15		n.a.
T 6	14 55	1 6	2 42	3 14	3 20	3 29	1 51	22 57	1 0	17 21	1 24	2 53	2 47	14 27	0 20	15 32	1 4	28 13	4 32	13 0	12 56	4 12		n.a.
F 7	15 14	4s32	1 42	3 41	3 17	3 5	1 54	23 3	1 0	17 20	1 24	2 54	2 47	14 27	0 20	15 32	1 4	28 13	4 32	13 0	12 55	4 9		n.a.
S 8	15 32	10 3	0 37	4 10	3 13	2 41	1 56	23 9	1 1	17 19	1 24	2 55	2 47	14 26	0 19	15 32	1 4	28 13	4 32	13 0	12 54	4 5		n.a.
S 9	15 49	15 17	0s30	4 40	3 9	2 16	1 58	23 15	1 1	17 17	1 23	2 56	2 47	14 25	0 19	15 32	1 4	28 13	4 32	13 0	12 53	4 2		n.a.
M10	16 7	19 58	1 37	5 13	3 3	1 52	2 0	23 21	1 1	17 16	1 23	2 57	2 47	14 24	0 19	15 31	1 4	28 13	4 32	13 0	12 52	3 59		n.a.
T 11	16 24	23 52	2 40	5 47	2 58	1 27	2 2	23 26	1 1	17 15	1 23	2 57	2 46	14 23	0 19	15 31	1 4	28 13	4 32	13 0	12 51	3 55		n.a.
W12	16 41	26 40	3 36	6 22	2 51	1 2	2 3	23 32	1 2	17 13	1 23	2 58	2 46	14 23	0 19	15 31	1 4	28 13	4 32	13 0	12 50	3 52		n.a.
T 13	16 58	28 6	4 22	6 59	2 44	0 37	2 5	23 37	1 2	17 12	1 23	2 59	2 46	14 22	0 19	15 31	1 4	28 13	4 32	12 59	12 49	3 49		n.a.
F 14	17 14	27 59	4 56	7 37	2 36	0 12	2 6	23 42	1 2	17 10	1 22	3 0	2 46	14 21	0 19	15 31	1 4	28 13	4 32	12 58	12 48	3 45		n.a.
S 15	17 30	26 13	5 13	8 17	2 28	0n13	2 8	23 47	1 2	17 8	1 22	3 0	2 45	14 20	0 19	15 31	1 4	28 13	4 32	12 58	12 47	3 42		n.a.
S 16	17 46	22 55	5 14	8 57	2 20	0 39	2 9	23 52	1 2	17 7	1 22	3 1	2 45	14 20	0 19	15 31	1 4	28 13	4 32	12 58	12 45	3 39		n.a.
M17	18 2	18 16	4 56	9 39	2 11	1 4	2 10	23 56	1 3	17 5	1 22	3 2	2 45	14 19	0 19	15 31	1 4	28 13	4 32	12 58	12 44	3 35		n.a.
T 18	18 17	12 33	4 21	10 22	2 1	1 30	2 11	24 1	1 3	17 3	1 22	3 2	2 45	14 18	0 19	15 30	1 4	28 13	4 32	12 58	12 43	3 32		n.a.
W19	18 32	6 5	3 28	11 5	1 51	1 56	2 12	24 5	1 3	17 1	1 21	3 3	2 45	14 17	0 19	15 30	1 5	28 12	4 32	12 58	12 42	3 29		n.a.
T 20	18 47	0n46	2 22	11 50	1 41	2 21	2 13	24 9	1 3	17 0	1 21	3 3	2 44	14 17	0 19	15 30	1 5	28 12	4 32	12 59	12 41	3 25		n.a.
F 21	19 1	7 38	1 6	12 35	1 30	2 47	2 13	24 13	1 4	16 58	1 21	3 4	2 44	14 16	0 19	15 30	1 5	28 12	4 32	12 59	12 40	3 22		n.a.
S 22	19 15	14 5	0n14	13 20	1 19	3 13	2 14	24 17	1 4	16 56	1 21	3 4	2 44	14 15	0 19	15 30	1 5	28 12	4 32	12 59	12 39	3 19		n.a.
S 23	19 29	19 44	1 33	14 6	1 8	3 39	2 14	24 20	1 4	16 54	1 21	3 4	2 44	14 14	0 19	15 30	1 5	28 12	4 32	12 59	12 38	3 15		n.a.
M24	19 43	24 9	2 44	14 52	0 57	4 5	2 15	24 23	1 4	16 52	1 20	3 5	2 43	14 14	0 19	15 30	1 5	28 12	4 32	12 58	12 37	3 12		n.a.
T 25	19 56	27 2	3 44	15 38	0 46	4 31	2 15	24 26	1 4	16 50	1 20	3 5	2 43	14 13	0 19	15 30	1 5	28 12	4 32	12 57	12 36	3 9		n.a.
W26	20 9	28 12	4 30	16 23	0 34	4 57	2 15	24 29	1 4	16 47	1 20	3 5	2 43	14 12	0 19	15 30	1 5	28 12	4 32	12 56	12 34	3 5		n.a.
T 27	20 21	27 40	4 59	17 8	0 23	5 23	2 15	24 32	1 5	16 45	1 20	3 5	2 43	14 11	0 19	15 30	1 5	28 12	4 32	12 55	12 33	3 2		n.a.
F 28	20 33	25 39	5 13	17 53	0 12	5 49	2 15	24 35	1 5	16 43	1 20	3 6	2 42	14 11	0 19	15 30	1 5	28 12	4 32	12 53	12 32	2 59		n.a.
S 29	20 45	22 26	5 10	18 37	0 1	6 15	2 15	24 37	1 5	16 41	1 20	3 6	2 42	14 10	0 19	15 30	1 5	28 12	4 32	12 53	12 31	2 55		n.a.
S 30	20 57	18 17	4 54	19 19	0n10	6 41	2 15	24 39	1 5	16 38	1 19	3 6	2 42	14 9	0 19	15 30	1 5	28 12	4 32	12 52	12 30	2 52		n.a.
M31	21n 8	13n29	4n25	20n 0	0n21	7n 6	2s14	24n41	1n 5	16n36	1n19	3n 6	2n42	14s 9	0n19	15s30	1s 5	28n12	4n32	12n52	12n29	2n48		n.a.

Julian Day Number = 1617081.5, Delta T = 03h49m46s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'54, Lahiri = - 7°53'54 Julian Calendar 1 May 286 BCE == Greg. Calendar 27 Apr. 286 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

JUNE 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 18 20	4♊33'31	17♍58	28♉52	24♈30	24♊44	19♌ 0	28°R25	8°R16	21°R36	4♋ 2	3♉36	2♉26	29♍32	n.a.	T 1
W 2	16 22 16	5°30'37	29°48	1♊ 1	25°38	25°22	19° 7	28♍25	8♏14	21♒36	4° 3	3°38	2°23	29°39	n.a.	W 2
T 3	16 26 13	6°27'43	11♎39	3°11	26°46	26° 0	19°14	28°24	8°12	21°35	4° 5	3°39	2°19	29°45	n.a.	T 3
F 4	16 30 9	7°24'48	23°35	5°21	27°55	26°38	19°22	28°24	8°10	21°35	4° 6	3°41	2°16	29°52	n.a.	F 4
S 5	16 34 6	8°21'54	5♏41	7°31	29° 4	27°16	19°29	28°24	8° 8	21°35	4° 8	3°R41	2°13	29°59	n.a.	S 5
S 6	16 38 2	9°18'59	18° 0	9°41	0♉12	27°54	19°37	28°24	8° 6	21°35	4°10	3°40	2°10	0♎ 5	n.a.	S 6
M 7	16 41 59	10°16'05	0♐33	11°50	1°21	28°32	19°45	28°D24	8° 4	21°35	4°11	3°38	2° 7	0°12	n.a.	M 7
T 8	16 45 55	11°13'11	13°22	13°59	2°30	29°10	19°53	28°24	8° 2	21°34	4°13	3°33	2° 3	0°19	n.a.	T 8
W 9	16 49 52	12°10'17	26°27	16° 6	3°39	29°48	20° 1	28°24	8° 0	21°34	4°14	3°28	2° 0	0°25	n.a.	W 9
T 10	16 53 49	13° 7'24	9♑48	18°13	4°49	0♋26	20° 9	28°24	7°58	21°34	4°16	3°21	1°57	0°32	n.a.	T 10
F 11	16 57 45	14° 4'31	23°22	20°18	5°58	1° 4	20°17	28°25	7°56	21°33	4°18	3°15	1°54	0°39	n.a.	F 11
S 12	17 1 42	15° 1'38	7♒ 7	22°22	7° 7	1°42	20°26	28°25	7°54	21°33	4°19	3°10	1°51	0°45	n.a.	S 12
S 13	17 5 38	15°58'46	21° 2	24°24	8°17	2°20	20°34	28°26	7°53	21°32	4°21	3° 6	1°48	0°52	n.a.	S 13
M14	17 9 35	16°55'55	5♓ 4	26°25	9°26	2°58	20°43	28°26	7°51	21°32	4°23	3° 3	1°44	0°59	n.a.	M14
T 15	17 13 31	17°53'05	19°12	28°24	10°36	3°36	20°51	28°27	7°49	21°32	4°24	3°D 3	1°41	1° 5	n.a.	T 15
W16	17 17 28	18°50'15	3♈23	0♋21	11°45	4°14	21° 0	28°28	7°48	21°31	4°26	3° 3	1°38	1°12	n.a.	W16
T 17	17 21 25	19°47'26	17°36	2°16	12°55	4°52	21° 9	28°29	7°46	21°30	4°28	3° 4	1°35	1°19	n.a.	T 17
F 18	17 25 21	20°44'38	1♉50	4°10	14° 5	5°30	21°18	28°30	7°44	21°30	4°29	3°R 5	1°32	1°25	n.a.	F 18
S 19	17 29 18	21°41'51	16° 1	6° 2	15°15	6° 8	21°27	28°31	7°43	21°29	4°31	3° 4	1°29	1°32	n.a.	S 19
S 20	17 33 14	22°39'05	0♊ 7	7°52	16°25	6°46	21°37	28°32	7°41	21°29	4°33	3° 2	1°25	1°39	n.a.	S 20
M21	17 37 11	23°36'19	14° 4	9°41	17°35	7°24	21°46	28°34	7°40	21°28	4°34	2°57	1°22	1°45	n.a.	M21
T 22	17 41 7	24°33'35	27°47	11°28	18°46	8° 2	21°56	28°35	7°38	21°27	4°36	2°50	1°19	1°52	n.a.	T 22
W23	17 45 4	25°30'51	11♋15	13°13	19°56	8°40	22° 5	28°37	7°37	21°27	4°38	2°41	1°16	1°59	n.a.	W23
T 24	17 49 0	26°28'07	24°24	14°56	21° 6	9°18	22°15	28°38	7°36	21°26	4°40	2°32	1°13	2° 5	n.a.	T 24
F 25	17 52 57	27°25'25	7♌14	16°37	22°17	9°56	22°24	28°40	7°34	21°25	4°41	2°23	1°10	2°12	n.a.	F 25
S 26	17 56 54	28°22'43	19°45	18°17	23°27	10°34	22°34	28°42	7°33	21°24	4°43	2°16	1° 6	2°19	n.a.	S 26
S 27	18 0 50	29°20'01	2♍ 0	19°55	24°38	11°12	22°44	28°44	7°32	21°23	4°45	2°10	1° 3	2°25	n.a.	S 27
M28	18 4 47	0♋17'20	14° 2	21°31	25°48	11°50	22°54	28°46	7°31	21°22	4°46	2° 7	1° 0	2°32	n.a.	M28
T 29	18 8 43	1°14'40	25°55	23° 5	26°59	12°28	23° 4	28°48	7°29	21°22	4°48	2° 5	0°57	2°39	n.a.	T 29
W30	18 12 40	2♋12'00	7♎44	24♋38	28♉10	13♋ 6	23♌15	28♍50	7♏28	21♒21	4♋50	2°D 5	0♉54	2♎45	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n19	8n15	3n45	20n39	0n31	7n32	2s14	24n43	1n 5	16n34	1n19	3n 6	2n41	14s 8	0n19	15s30	1s 5	28n12	4n32	12n52	12n28	2n45		n.a.
W 2	21 29	2 45	2 55	21 17	0 41	7 58	2 13	24 45	1 6	16 31	1 19	3 6	2 41	14 7	0 19	15 30	1 5	28 12	4 32	12 53	12 27	2 42		n.a.
T 3	21 39	2s52	1 58	21 52	0 50	8 23	2 13	24 46	1 6	16 29	1 19	3 6	2 41	14 7	0 19	15 30	1 5	28 12	4 32	12 53	12 26	2 38		n.a.
F 4	21 49	8 25	0 55	22 26	0 59	8 49	2 12	24 47	1 6	16 26	1 18	3 6	2 41	14 6	0 19	15 31	1 5	28 12	4 32	12 54	12 24	2 35		n.a.
S 5	21 58	13 45	0s11	22 56	1 7	9 14	2 11	24 48	1 6	16 24	1 18	3 5	2 40	14 5	0 19	15 31	1 5	28 12	4 32	12 54	12 23	2 32		n.a.
S 6	22 7	18 38	1 17	23 25	1 15	9 39	2 10	24 49	1 6	16 21	1 18	3 5	2 40	14 5	0 19	15 31	1 5	28 12	4 32	12 54	12 22	2 28		n.a.
M 7	22 16	22 49	2 21	23 50	1 22	10 4	2 9	24 50	1 6	16 18	1 18	3 5	2 40	14 4	0 19	15 31	1 5	28 12	4 32	12 53	12 21	2 25		n.a.
T 8	22 24	25 58	3 19	24 13	1 28	10 29	2 8	24 50	1 7	16 16	1 18	3 5	2 40	14 3	0 19	15 31	1 5	28 12	4 32	12 51	12 20	2 22		n.a.
W 9	22 32	27 49	4 8	24 33	1 34	10 54	2 7	24 51	1 7	16 13	1 18	3 4	2 39	14 3	0 19	15 31	1 6	28 12	4 32	12 49	12 19	2 18		n.a.
T 10	22 39	28 5	4 44	24 50	1 39	11 19	2 6	24 51	1 7	16 10	1 17	3 4	2 39	14 2	0 19	15 31	1 6	28 12	4 32	12 47	12 18	2 15		n.a.
F 11	22 46	26 41	5 5	25 5	1 43	11 43	2 4	24 51	1 7	16 7	1 17	3 4	2 39	14 2	0 19	15 31	1 6	28 12	4 32	12 45	12 17	2 11		n.a.
S 12	22 53	23 41	5 9	25 17	1 46	12 7	2 3	24 50	1 7	16 4	1 17	3 3	2 39	14 1	0 19	15 32	1 6	28 12	4 32	12 43	12 16	2 8		n.a.
S 13	22 59	19 18	4 54	25 26	1 49	12 31	2 2	24 50	1 7	16 2	1 17	3 3	2 38	14 0	0 19	15 32	1 6	28 11	4 32	12 42	12 15	2 5		n.a.
M14	23 5	13 50	4 23	25 32	1 51	12 55	2 0	24 49	1 7	15 59	1 17	3 2	2 38	14 0	0 19	15 32	1 6	28 11	4 32	12 41	12 13	2 1		n.a.
T 15	23 10	7 37	3 35	25 36	1 52	13 19	1 58	24 48	1 7	15 56	1 17	3 2	2 38	13 59	0 19	15 32	1 6	28 11	4 32	12 41	12 12	1 58		n.a.
W16	23 15	0 59	2 34	25 37	1 53	13 42	1 57	24 47	1 8	15 53	1 17	3 1	2 37	13 59	0 19	15 32	1 6	28 11	4 32	12 41	12 11	1 55		n.a.
T 17	23 20	5n43	1 23	25 36	1 53	14 5	1 55	24 46	1 8	15 50	1 16	3 1	2 37	13 58	0 19	15 33	1 6	28 11	4 32	12 41	12 10	1 51		n.a.
F 18	23 24	12 9	0 7	25 32	1 53	14 28	1 53	24 45	1 8	15 46	1 16	3 0	2 37	13 58	0 19	15 33	1 6	28 11	4 32	12 41	12 9	1 48		n.a.
S 19	23 28	17 56	1n 9	25 27	1 51	14 50	1 51	24 43	1 8	15 43	1 16	2 59	2 37	13 57	0 19	15 33	1 6	28 11	4 32	12 41	12 8	1 44		n.a.
S 20	23 32	22 42	2 20	25 19	1 50	15 12	1 49	24 41	1 8	15 40	1 16	2 58	2 36	13 57	0 19	15 33	1 6	28 11	4 32	12 40	12 7	1 41		n.a.
M21	23 35	26 7	3 22	25 9	1 47	15 34	1 47	24 39	1 8	15 37	1 16	2 58	2 36	13 56	0 19	15 34	1 6	28 11	4 32	12 39	12 6	1 38		n.a.
T 22	23 37	27 54	4 11	24 58	1 44	15 56	1 45	24 37	1 8	15 34	1 16	2 57	2 36	13 56	0 19	15 34	1 6	28 11	4 32	12 36	12 4	1 34		n.a.
W23	23 39	27 59	4 45	24 45	1 41	16 17	1 43	24 35	1 8	15 30	1 16	2 56	2 36	13 55	0 19	15 34	1 6	28 11	4 33	12 33	12 3	1 31		n.a.
T 24	23 41	26 28	5 3	24 30	1 37	16 38	1 41	24 32	1 8	15 27	1 15	2 55	2 35	13 55	0 19	15 34	1 6	28 11	4 33	12 30	12 2	1 27		n.a.
F 25	23 42	23 35	5 5	24 13	1 33	16 58	1 39	24 30	1 8	15 24	1 15	2 54	2 35	13 55	0 19	15 35	1 6	28 11	4 33	12 27	12 1	1 24		n.a.
S 26	23 43	19 41	4 52	23 55	1 28	17 18	1 37	24 27	1 9	15 20	1 15	2 53	2 35	13 54	0 19	15 35	1 6	28 11	4 33	12 24	12 0	1 21		n.a.
S 27	23 44	15 1	4 26	23 36	1 22	17 38	1 34	24 24	1 9	15 17	1 15	2 52	2 35	13 54	0 19	15 35	1 6	28 11	4 33	12 22	11 59	1 17		n.a.
M28	23 44	9 52	3 48	23 15	1 17	17 57	1 32	24 20	1 9	15 14	1 15	2 51	2 34	13 54	0 19	15 36	1 6	28 11	4 33	12 21	11 58	1 14		n.a.
T 29	23 44	4 24	3 1	22 53	1 11	18 16	1 29	24 17	1 9	15 10	1 15	2 50	2 34	13 53	0 19	15 36	1 6	28 11	4 33	12 21	11 57	1 11		n.a.
W30	23n43	1s10	2n 7	22n30	1n 4	18n35	1s27	24n13	1n 9	15n 7	1n15	2n49	2n34	13s53	0n19	15s36	1s 6	28n11	4n33	12n21	11n56	1n 7		n.a.

Julian Day Number = 1617112.5, Delta T = 03h49m45s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'50, Lahiri = - 7°53'49 Julian Calendar 1 June 286 BCE == Greg. Calendar 28 May 286 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

JULY 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 16 36	3♋ 9'21	19♎36	26♋ 8	29♉21	13♋45	23♌25	28♍52	7°R27	21°R20	4♋52	2♉ 6	0♉50	2♎52	n.a.	T 1
F 2	18 20 33	4° 6'43	1♏34	27°37	0♊32	14°23	23°35	28°55	7♏26	21♒19	4°53	2°R 6	0°47	2°59	n.a.	F 2
S 3	18 24 29	5° 4'06	13°44	29° 5	1°43	15° 1	23°46	28°57	7°25	21°18	4°55	2° 6	0°44	3° 5	n.a.	S 3
S 4	18 28 26	6° 1'30	26°10	0♌30	2°54	15°39	23°56	29° 0	7°24	21°17	4°57	2° 3	0°41	3°12	n.a.	S 4
M 5	18 32 23	6°58'54	8♐55	1°53	4° 5	16°17	24° 7	29° 2	7°24	21°16	4°58	1°58	0°38	3°19	n.a.	M 5
T 6	18 36 19	7°56'20	22° 1	3°15	5°16	16°55	24°18	29° 5	7°23	21°14	5° 0	1°51	0°35	3°25	n.a.	T 6
W 7	18 40 16	8°53'47	5♑27	4°35	6°27	17°33	24°28	29° 8	7°22	21°13	5° 2	1°41	0°31	3°32	n.a.	W 7
T 8	18 44 12	9°51'15	19°13	5°52	7°39	18°11	24°39	29°11	7°21	21°12	5° 4	1°31	0°28	3°39	n.a.	T 8
F 9	18 48 9	10°48'44	3♒13	7° 8	8°50	18°49	24°50	29°14	7°21	21°11	5° 5	1°20	0°25	3°45	n.a.	F 9
S 10	18 52 5	11°46'14	17°24	8°22	10° 2	19°27	25° 1	29°17	7°20	21°10	5° 7	1°11	0°22	3°52	n.a.	S 10
S 11	18 56 2	12°43'46	1♓40	9°33	11°13	20° 5	25°12	29°20	7°19	21° 9	5° 9	1° 3	0°19	3°59	n.a.	S 11
M12	18 59 59	13°41'19	15°58	10°42	12°25	20°44	25°23	29°23	7°19	21° 8	5°11	0°58	0°15	4° 5	n.a.	M12
T 13	19 3 55	14°38'54	0♈13	11°49	13°36	21°22	25°34	29°27	7°19	21° 6	5°12	0°56	0°12	4°12	n.a.	T 13
W14	19 7 52	15°36'31	14°22	12°54	14°48	22° 0	25°46	29°30	7°18	21° 5	5°14	0°D55	0° 9	4°19	n.a.	W14
T 15	19 11 48	16°34'09	28°26	13°56	16° 0	22°38	25°57	29°34	7°18	21° 4	5°16	0°R55	0° 6	4°25	n.a.	T 15
F 16	19 15 45	17°31'49	12♉23	14°55	17°12	23°16	26° 8	29°37	7°17	21° 2	5°17	0°55	0° 3	4°32	n.a.	F 16
S 17	19 19 41	18°29'31	26°13	15°52	18°24	23°54	26°20	29°41	7°17	21° 1	5°19	0°53	29♈59	4°38	n.a.	S 17
S 18	19 23 38	19°27'14	9♊54	16°46	19°36	24°33	26°31	29°45	7°17	21° 0	5°21	0°48	29°56	4°45	n.a.	S 18
M19	19 27 34	20°24'59	23°26	17°36	20°48	25°11	26°43	29°48	7°17	20°58	5°22	0°41	29°53	4°52	n.a.	M19
T 20	19 31 31	21°22'46	6♋47	18°24	22° 0	25°49	26°55	29°52	7°17	20°57	5°24	0°31	29°50	4°58	n.a.	T 20
W21	19 35 28	22°20'35	19°55	19° 8	23°13	26°27	27° 6	29°56	7°17	20°56	5°26	0°19	29°47	5° 5	n.a.	W21
T 22	19 39 24	23°18'25	2♌49	19°48	24°25	27° 6	27°18	0♎ 0	7°D17	20°54	5°27	0° 6	29°44	5°12	n.a.	T 22
F 23	19 43 21	24°16'16	15°28	20°25	25°37	27°44	27°30	0° 4	7°17	20°53	5°29	29♈53	29°41	5°18	n.a.	F 23
S 24	19 47 17	25°14'09	27°52	20°57	26°50	28°22	27°42	0° 9	7°17	20°51	5°31	29°42	29°37	5°25	n.a.	S 24
S 25	19 51 14	26°12'03	10♍ 2	21°26	28° 2	29° 0	27°54	0°13	7°17	20°50	5°32	29°33	29°34	5°32	n.a.	S 25
M26	19 55 10	27° 9'59	22° 0	21°49	29°15	29°39	28° 6	0°17	7°17	20°48	5°34	29°26	29°31	5°38	n.a.	M26
T 27	19 59 7	28° 7'56	3♎51	22° 8	0♋27	0♌17	28°18	0°22	7°17	20°47	5°36	29°23	29°28	5°45	n.a.	T 27
W28	20 3 3	29° 5'55	15°39	22°22	1°40	0°55	28°30	0°26	7°18	20°45	5°37	29°21	29°25	5°52	n.a.	W28
T 29	20 7 0	0♌ 3'55	27°29	22°30	2°53	1°34	28°42	0°31	7°18	20°44	5°39	29°21	29°21	5°58	n.a.	T 29
F 30	20 10 57	1° 1'57	9♏26	22°R33	4° 6	2°12	28°54	0°35	7°18	20°42	5°40	29°21	29°18	6° 5	n.a.	F 30
S 31	20 14 53	2♌ 0'00	21♏37	22♌30	5♋18	2♌50	29♌ 6	0♎40	7♏19	20♒41	5♋42	29♈20	29♈15	6♎12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n42	6s44	1n 6	22n 7	0n57	18n53	1s25	24n 9	1n 9	15n 3	1n15	2n48	2n34	13s53	0n19	15s37	1s 6	28n11	4n33	12n21	11n54	1n 4		n.a.
F 2	23 40	12 7	0 3	21 42	0 50	19 10	1 22	24 5	1 9	14 59	1 14	2 47	2 33	13 52	0 19	15 37	1 6	28 11	4 33	12 21	11 53	1 0		n.a.
S 3	23 38	17 8	1s 2	21 17	0 42	19 28	1 19	24 1	1 9	14 56	1 14	2 45	2 33	13 52	0 18	15 37	1 7	28 11	4 33	12 21	11 52	0 57		n.a.
S 4	23 36	21 33	2 5	20 51	0 34	19 44	1 17	23 57	1 9	14 52	1 14	2 44	2 33	13 52	0 18	15 38	1 7	28 11	4 33	12 20	11 51	0 54		n.a.
M 5	23 33	25 4	3 3	20 24	0 26	20 0	1 14	23 52	1 9	14 48	1 14	2 43	2 33	13 51	0 18	15 38	1 7	28 11	4 33	12 18	11 50	0 50		n.a.
T 6	23 29	27 22	3 53	19 57	0 17	20 16	1 11	23 47	1 9	14 45	1 14	2 42	2 32	13 51	0 18	15 39	1 7	28 11	4 33	12 16	11 49	0 47		n.a.
W 7	23 26	28 8	4 32	19 29	0 8	20 31	1 9	23 43	1 9	14 41	1 14	2 40	2 32	13 51	0 18	15 39	1 7	28 11	4 33	12 12	11 48	0 43		n.a.
T 8	23 22	27 12	4 55	19 1	0s 1	20 46	1 6	23 37	1 9	14 37	1 14	2 39	2 32	13 51	0 18	15 39	1 7	28 11	4 33	12 9	11 47	0 40		n.a.
F 9	23 17	24 34	5 2	18 33	0 10	21 0	1 3	23 32	1 9	14 33	1 14	2 37	2 32	13 51	0 18	15 40	1 7	28 11	4 34	12 5	11 45	0 37		n.a.
S 10	23 12	20 24	4 50	18 4	0 20	21 14	1 1	23 27	1 9	14 30	1 14	2 36	2 31	13 50	0 18	15 40	1 7	28 11	4 34	12 2	11 44	0 33		n.a.
S 11	23 7	15 3	4 21	17 36	0 30	21 27	0 58	23 21	1 9	14 26	1 13	2 34	2 31	13 50	0 18	15 41	1 7	28 11	4 34	11 59	11 43	0 30		n.a.
M12	23 1	8 53	3 34	17 7	0 40	21 39	0 55	23 15	1 10	14 22	1 13	2 33	2 31	13 50	0 18	15 41	1 7	28 11	4 34	11 57	11 42	0 26		n.a.
T 13	22 55	2 17	2 35	16 39	0 50	21 51	0 52	23 9	1 10	14 18	1 13	2 31	2 31	13 50	0 18	15 42	1 7	28 11	4 34	11 56	11 41	0 23		n.a.
W14	22 48	4n24	1 27	16 11	1 1	22 2	0 49	23 3	1 10	14 14	1 13	2 30	2 30	13 50	0 18	15 42	1 7	28 11	4 34	11 56	11 40	0 20		n.a.
T 15	22 41	10 51	0 13	15 43	1 11	22 13	0 46	22 57	1 10	14 10	1 13	2 28	2 30	13 50	0 18	15 42	1 7	28 11	4 34	11 56	11 39	0 16		n.a.
F 16	22 34	16 42	1n 0	15 15	1 22	22 23	0 43	22 51	1 10	14 6	1 13	2 26	2 30	13 50	0 18	15 43	1 7	28 11	4 34	11 56	11 38	0 13		n.a.
S 17	22 26	21 38	2 10	14 48	1 33	22 33	0 41	22 44	1 10	14 2	1 13	2 25	2 30	13 50	0 18	15 43	1 7	28 11	4 34	11 55	11 36	0 9		n.a.
S 18	22 18	25 21	3 11	14 21	1 44	22 42	0 38	22 37	1 10	13 58	1 13	2 23	2 29	13 49	0 18	15 44	1 7	28 11	4 34	11 54	11 35	0 6		n.a.
M19	22 10	27 34	4 0	13 56	1 55	22 50	0 35	22 30	1 10	13 54	1 13	2 21	2 29	13 49	0 18	15 44	1 7	28 12	4 34	11 51	11 34	0 3		n.a.
T 20	22 1	28 8	4 35	13 30	2 6	22 57	0 32	22 23	1 10	13 50	1 13	2 20	2 29	13 49	0 18	15 45	1 7	28 12	4 35	11 47	11 33	0s 1		n.a.
W21	21 51	27 6	4 55	13 6	2 17	23 4	0 29	22 16	1 10	13 46	1 13	2 18	2 29	13 49	0 18	15 45	1 7	28 12	4 35	11 43	11 32	0 4		n.a.
T 22	21 42	24 38	5 0	12 43	2 28	23 11	0 26	22 8	1 10	13 41	1 12	2 16	2 29	13 49	0 18	15 46	1 7	28 12	4 35	11 39	11 31	0 8		n.a.
F 23	21 31	21 0	4 49	12 21	2 39	23 16	0 23	22 1	1 10	13 37	1 12	2 14	2 28	13 49	0 18	15 46	1 7	28 12	4 35	11 34	11 30	0 11		n.a.
S 24	21 21	16 30	4 25	12 1	2 49	23 21	0 20	21 53	1 10	13 33	1 12	2 12	2 28	13 50	0 18	15 47	1 7	28 12	4 35	11 30	11 28	0 14		n.a.
S 25	21 10	11 26	3 49	11 42	3 0	23 26	0 17	21 45	1 10	13 29	1 12	2 10	2 28	13 50	0 18	15 47	1 7	28 12	4 35	11 27	11 27	0 18		n.a.
M26	20 59	6 1	3 4	11 24	3 10	23 29	0 14	21 37	1 10	13 24	1 12	2 8	2 28	13 50	0 18	15 48	1 7	28 12	4 35	11 25	11 26	0 21		n.a.
T 27	20 47	0 27	2 11	11 9	3 20	23 32	0 12	21 28	1 10	13 20	1 12	2 6	2 28	13 50	0 18	15 48	1 7	28 12	4 35	11 23	11 25	0 25		n.a.
W28	20 35	5s 8	1 12	10 55	3 30	23 35	0 9	21 20	1 10	13 16	1 12	2 4	2 27	13 50	0 18	15 49	1 7	28 12	4 35	11 23	11 24	0 28		n.a.
T 29	20 23	10 33	0 10	10 44	3 39	23 36	0 6	21 11	1 10	13 11	1 12	2 2	2 27	13 50	0 18	15 49	1 7	28 12	4 36	11 23	11 23	0 31		n.a.
F 30	20 10	15 39	0s53	10 35	3 48	23 37	0 3	21 3	1 10	13 7	1 12	2 0	2 27	13 50	0 18	15 50	1 7	28 12	4 36	11 23	11 22	0 35		n.a.
S 31	19n57	20s14	1s55	10n28	3s55	23n37	0s 0	20n54	1n10	13n 3	1n12	1n58	2n27	13s50	0n18	15s50	1s 7	28n12	4n36	11n22	11n21	0s38		n.a.

Julian Day Number = 1617142.5, Delta T = 03h49m44s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'46, Lahiri = - 7°53'45 Julian Calendar 1 July 286 BCE == Greg. Calendar 27 June 286 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

AUGUST 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 18 50	2♌58'05	4♐ 5	22°R21	6♋31	3♌29	29♌19	0♎45	7♏19	20°R39	5♋44	29°R17	29♈12	6♎18	n.a.	S 1
M 2	20 22 46	3°56'11	16°55	22♌ 6	7°44	4° 7	29°31	0°50	7°20	20♒38	5°45	29♈12	29° 9	6°25	n.a.	M 2
T 3	20 26 43	4°54'19	0♑10	21°45	8°57	4°45	29°43	0°55	7°20	20°36	5°47	29° 4	29° 6	6°32	n.a.	T 3
W 4	20 30 39	5°52'29	13°51	21°17	10°10	5°24	29°56	1° 0	7°21	20°35	5°48	28°54	29° 2	6°38	n.a.	W 4
T 5	20 34 36	6°50'40	27°55	20°43	11°24	6° 2	0♍ 8	1° 5	7°22	20°33	5°50	28°42	28°59	6°45	n.a.	T 5
F 6	20 38 32	7°48'53	12♒19	20° 3	12°37	6°41	0°21	1°10	7°23	20°31	5°51	28°31	28°56	6°52	n.a.	F 6
S 7	20 42 29	8°47'08	26°56	19°18	13°50	7°19	0°33	1°15	7°23	20°30	5°53	28°20	28°53	6°58	n.a.	S 7
S 8	20 46 26	9°45'25	11♓38	18°28	15° 3	7°58	0°46	1°20	7°24	20°28	5°54	28°12	28°50	7° 5	n.a.	S 8
M 9	20 50 22	10°43'44	26°18	17°33	16°17	8°36	0°58	1°25	7°25	20°27	5°56	28° 7	28°47	7°12	n.a.	M 9
T 10	20 54 19	11°42'05	10♈50	16°35	17°30	9°15	1°11	1°31	7°26	20°25	5°57	28° 4	28°43	7°18	n.a.	T 10
W11	20 58 15	12°40'29	25°10	15°35	18°44	9°53	1°24	1°36	7°27	20°23	5°59	28°D 3	28°40	7°25	n.a.	W11
T 12	21 2 12	13°38'54	9♉16	14°34	19°57	10°32	1°36	1°42	7°28	20°22	6° 0	28°R 3	28°37	7°32	n.a.	T 12
F 13	21 6 8	14°37'22	23° 7	13°33	21°11	11°10	1°49	1°47	7°29	20°20	6° 2	28° 3	28°34	7°38	n.a.	F 13
S 14	21 10 5	15°35'53	6♊44	12°35	22°24	11°49	2° 2	1°53	7°31	20°18	6° 3	28° 1	28°31	7°45	n.a.	S 14
S 15	21 14 1	16°34'26	20° 8	11°39	23°38	12°27	2°15	1°58	7°32	20°17	6° 4	27°57	28°27	7°52	n.a.	S 15
M16	21 17 58	17°33'01	3♋19	10°48	24°52	13° 6	2°27	2° 4	7°33	20°15	6° 6	27°50	28°24	7°58	n.a.	M16
T 17	21 21 55	18°31'38	16°19	10° 3	26° 6	13°44	2°40	2°10	7°34	20°13	6° 7	27°41	28°21	8° 5	n.a.	T 17
W18	21 25 51	19°30'17	29° 6	9°25	27°20	14°23	2°53	2°16	7°36	20°12	6° 8	27°30	28°18	8°12	n.a.	W18
T 19	21 29 48	20°28'59	11♌42	8°55	28°33	15° 2	3° 6	2°21	7°37	20°10	6°10	27°18	28°15	8°18	n.a.	T 19
F 20	21 33 44	21°27'42	24° 6	8°33	29°47	15°40	3°19	2°27	7°39	20° 8	6°11	27° 6	28°12	8°25	n.a.	F 20
S 21	21 37 41	22°26'28	6♍18	8°22	1♌ 1	16°19	3°32	2°33	7°40	20° 7	6°12	26°55	28° 8	8°32	n.a.	S 21
S 22	21 41 37	23°25'15	18°21	8°D19	2°15	16°58	3°45	2°39	7°42	20° 5	6°14	26°46	28° 5	8°38	n.a.	S 22
M23	21 45 34	24°24'05	0♎15	8°27	3°30	17°37	3°58	2°45	7°43	20° 3	6°15	26°40	28° 2	8°45	n.a.	M23
T 24	21 49 30	25°22'56	12° 3	8°44	4°44	18°15	4°11	2°51	7°45	20° 2	6°16	26°37	27°59	8°51	n.a.	T 24
W25	21 53 27	26°21'50	23°49	9°11	5°58	18°54	4°23	2°58	7°47	20° 0	6°17	26°D36	27°56	8°58	n.a.	W25
T 26	21 57 23	27°20'45	5♏37	9°48	7°12	19°33	4°36	3° 4	7°48	19°58	6°19	26°36	27°53	9° 5	n.a.	T 26
F 27	22 1 20	28°19'42	17°33	10°33	8°26	20°12	4°49	3°10	7°50	19°57	6°20	26°37	27°49	9°11	n.a.	F 27
S 28	22 5 17	29°18'41	29°41	11°26	9°41	20°50	5° 3	3°16	7°52	19°55	6°21	26°R37	27°46	9°18	n.a.	S 28
S 29	22 9 13	0♍17'42	12♐ 6	12°27	10°55	21°29	5°16	3°23	7°54	19°54	6°22	26°36	27°43	9°25	n.a.	S 29
M30	22 13 10	1°16'45	24°55	13°34	12° 9	22° 8	5°29	3°29	7°56	19°52	6°23	26°34	27°40	9°31	n.a.	M30
T 31	22 17 6	2♍15'50	8♑ 9	14♌49	13♌24	22♌47	5♍42	3♎35	7♏58	19♒50	6♋24	26♈29	27♈37	9♎38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	19n44	24s 3	2s53	10n25	4s 2	23n37	0n 3	20n45	1n10	12n58	1n12	1n56	2n27	13s51	0n18	15s51	1s 7	28n12	4n36	11n21	11n19	0s42			n.a.
M 2	19 30	26 47	3 43	10 24	4 9	23 36	0 5	20 35	1 10	12 54	1 12	1 54	2 26	13 51	0 18	15 51	1 7	28 12	4 36	11 19	11 18	0 45			n.a.
T 3	19 16	28 8	4 24	10 26	4 14	23 34	0 8	20 26	1 10	12 49	1 12	1 52	2 26	13 51	0 18	15 52	1 7	28 12	4 36	11 16	11 17	0 49			n.a.
W 4	19 2	27 49	4 51	10 31	4 17	23 31	0 11	20 17	1 10	12 45	1 12	1 50	2 26	13 51	0 18	15 52	1 7	28 12	4 36	11 13	11 16	0 52			n.a.
T 5	18 47	25 44	5 1	10 40	4 20	23 28	0 14	20 7	1 10	12 41	1 12	1 47	2 26	13 52	0 18	15 53	1 8	28 12	4 36	11 9	11 15	0 55			n.a.
F 6	18 32	21 58	4 52	10 51	4 20	23 24	0 16	19 57	1 10	12 36	1 12	1 45	2 26	13 52	0 18	15 53	1 8	28 12	4 37	11 5	11 14	0 59			n.a.
S 7	18 17	16 49	4 25	11 6	4 20	23 19	0 19	19 47	1 10	12 31	1 12	1 43	2 25	13 52	0 18	15 54	1 8	28 12	4 37	11 1	11 13	1 2			n.a.
S 8	18 1	10 39	3 39	11 25	4 17	23 14	0 22	19 37	1 10	12 27	1 12	1 41	2 25	13 52	0 18	15 55	1 8	28 12	4 37	10 58	11 11	1 6			n.a.
M 9	17 45	3 55	2 40	11 46	4 12	23 8	0 24	19 27	1 10	12 22	1 11	1 38	2 25	13 53	0 18	15 55	1 8	28 13	4 37	10 56	11 10	1 9			n.a.
T 10	17 29	2n58	1 30	12 9	4 6	23 1	0 27	19 17	1 9	12 18	1 11	1 36	2 25	13 53	0 18	15 56	1 8	28 13	4 37	10 55	11 9	1 12			n.a.
W11	17 13	9 37	0 15	12 35	3 57	22 53	0 29	19 6	1 9	12 13	1 11	1 34	2 25	13 53	0 18	15 56	1 8	28 13	4 37	10 54	11 8	1 16			n.a.
T 12	16 56	15 41	0n59	13 3	3 46	22 45	0 32	18 56	1 9	12 9	1 11	1 31	2 25	13 54	0 18	15 57	1 8	28 13	4 37	10 55	11 7	1 19			n.a.
F 13	16 39	20 51	2 9	13 33	3 34	22 36	0 34	18 45	1 9	12 4	1 11	1 29	2 24	13 54	0 17	15 57	1 8	28 13	4 38	10 54	11 6	1 23			n.a.
S 14	16 21	24 49	3 10	14 3	3 20	22 27	0 37	18 34	1 9	11 59	1 11	1 27	2 24	13 55	0 17	15 58	1 8	28 13	4 38	10 54	11 5	1 26			n.a.
S 15	16 4	27 20	3 59	14 33	3 4	22 17	0 39	18 23	1 9	11 55	1 11	1 24	2 24	13 55	0 17	15 58	1 8	28 13	4 38	10 52	11 3	1 29			n.a.
M16	15 46	28 17	4 35	15 4	2 47	22 6	0 41	18 12	1 9	11 50	1 11	1 22	2 24	13 55	0 17	15 59	1 8	28 13	4 38	10 50	11 2	1 33			n.a.
T 17	15 28	27 37	4 56	15 33	2 29	21 54	0 44	18 0	1 9	11 45	1 11	1 19	2 24	13 56	0 17	15 59	1 8	28 13	4 38	10 47	11 1	1 36			n.a.
W18	15 9	25 30	5 2	16 2	2 10	21 42	0 46	17 49	1 9	11 41	1 11	1 17	2 24	13 56	0 17	16 0	1 8	28 13	4 38	10 42	11 0	1 40			n.a.
T 19	14 50	22 10	4 53	16 28	1 51	21 29	0 48	17 37	1 9	11 36	1 11	1 14	2 23	13 57	0 17	16 1	1 8	28 13	4 38	10 38	10 59	1 43			n.a.
F 20	14 31	17 53	4 30	16 52	1 32	21 16	0 50	17 26	1 9	11 31	1 11	1 12	2 23	13 57	0 17	16 1	1 8	28 13	4 39	10 34	10 58	1 47			n.a.
S 21	14 12	12 56	3 55	17 14	1 12	21 2	0 52	17 14	1 9	11 26	1 11	1 9	2 23	13 58	0 17	16 2	1 8	28 14	4 39	10 30	10 57	1 50			n.a.
S 22	13 53	7 34	3 9	17 33	0 53	20 47	0 54	17 2	1 9	11 22	1 11	1 7	2 23	13 58	0 17	16 2	1 8	28 14	4 39	10 27	10 55	1 53			n.a.
M23	13 33	1 59	2 16	17 49	0 35	20 32	0 56	16 50	1 9	11 17	1 11	1 4	2 23	13 59	0 17	16 3	1 8	28 14	4 39	10 25	10 54	1 57			n.a.
T 24	13 13	3s38	1 17	18 1	0 17	20 16	0 58	16 38	1 9	11 12	1 11	1 2	2 23	14 0	0 17	16 3	1 8	28 14	4 39	10 23	10 53	2 0			n.a.
W25	12 53	9 7	0 15	18 10	0 0	19 59	1 0	16 26	1 9	11 7	1 11	0 59	2 23	14 0	0 17	16 4	1 8	28 14	4 39	10 23	10 52	2 4			n.a.
T 26	12 33	14 19	0s48	18 16	0n15	19 42	1 2	16 13	1 8	11 2	1 11	0 56	2 22	14 1	0 17	16 4	1 8	28 14	4 40	10 23	10 51	2 7			n.a.
F 27	12 12	19 2	1 50	18 17	0 30	19 24	1 4	16 1	1 8	10 58	1 11	0 54	2 22	14 1	0 17	16 5	1 8	28 14	4 40	10 23	10 50	2 10			n.a.
S 28	11 51	23 4	2 48	18 16	0 43	19 6	1 6	15 48	1 8	10 53	1 11	0 51	2 22	14 2	0 17	16 5	1 8	28 14	4 40	10 23	10 48	2 14			n.a.
S 29	11 30	26 9	3 39	18 10	0 56	18 47	1 7	15 35	1 8	10 48	1 11	0 49	2 22	14 3	0 17	16 6	1 8	28 14	4 40	10 23	10 47	2 17			n.a.
M30	11 9	27 59	4 22	18 1	1 7	18 28	1 9	15 22	1 8	10 43	1 11	0 46	2 22	14 3	0 17	16 6	1 8	28 15	4 40	10 22	10 46	2 21			n.a.
T 31	10n48	28s19	4s51	17n49	1n17	18n 8	1n10	15n 9	1n 8	10n38	1n11	0n43	2n22	14s 4	0n17	16s 7	1s 8	28n15	4n40	10n20	10n45	2s24			n.a.

Julian Day Number = 1617173.5, Delta T = 03h49m43s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'42, Lahiri = - 7°53'41 Julian Calendar 1 Aug. 286 BCE == Greg. Calendar 28 July 286 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

SEPTEMBER 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 21 3	3♍14'57	21♉53	16♌ 8	14♌38	23♌26	5♍55	3♎42	8♏ 0	19°R49	6♋25	26°R22	27♈33	9♎45	n.a.	W 1
T 2	22 24 59	4°14'05	6♒ 4	17°32	15°53	24° 5	6° 8	3°48	8° 2	19♒47	6°26	26♈14	27°30	9°51	n.a.	T 2
F 3	22 28 56	5°13'16	20°39	19° 1	17° 7	24°44	6°21	3°55	8° 4	19°45	6°27	26° 6	27°27	9°58	n.a.	F 3
S 4	22 32 52	6°12'29	5♓33	20°33	18°22	25°23	6°34	4° 1	8° 6	19°44	6°28	25°58	27°24	10° 5	n.a.	S 4
S 5	22 36 49	7°11'43	20°36	22° 9	19°37	26° 2	6°47	4° 8	8° 9	19°42	6°29	25°53	27°21	10°11	n.a.	S 5
M 6	22 40 46	8°11'00	5♈39	23°46	20°51	26°41	7° 0	4°14	8°11	19°41	6°30	25°49	27°18	10°18	n.a.	M 6
T 7	22 44 42	9°10'19	20°33	25°26	22° 6	27°20	7°13	4°21	8°13	19°39	6°31	25°D47	27°14	10°25	n.a.	T 7
W 8	22 48 39	10° 9'41	5♉11	27° 7	23°21	27°59	7°26	4°28	8°15	19°38	6°32	25°47	27°11	10°31	n.a.	W 8
T 9	22 52 35	11° 9'05	19°30	28°50	24°36	28°38	7°39	4°34	8°18	19°36	6°33	25°49	27° 8	10°38	n.a.	T 9
F 10	22 56 32	12° 8'31	3♊28	0♍33	25°50	29°17	7°52	4°41	8°20	19°35	6°34	25°50	27° 5	10°45	n.a.	F 10
S 11	23 0 28	13° 8'00	17° 4	2°18	27° 5	29°56	8° 5	4°48	8°23	19°33	6°35	25°R50	27° 2	10°51	n.a.	S 11
S 12	23 4 25	14° 7'32	0♋21	4° 2	28°20	0♍35	8°18	4°55	8°25	19°32	6°36	25°49	26°59	10°58	n.a.	S 12
M13	23 8 21	15° 7'06	13°20	5°47	29°35	1°14	8°31	5° 2	8°28	19°30	6°36	25°45	26°55	11° 5	n.a.	M13
T 14	23 12 18	16° 6'42	26° 4	7°32	0♍50	1°53	8°44	5° 8	8°30	19°29	6°37	25°40	26°52	11°11	n.a.	T 14
W15	23 16 15	17° 6'21	8♌35	9°16	2° 5	2°33	8°57	5°15	8°33	19°27	6°38	25°34	26°49	11°18	n.a.	W15
T 16	23 20 11	18° 6'01	20°54	11° 1	3°20	3°12	9°10	5°22	8°35	19°26	6°39	25°27	26°46	11°24	n.a.	T 16
F 17	23 24 8	19° 5'44	3♍ 4	12°45	4°35	3°51	9°23	5°29	8°38	19°25	6°39	25°20	26°43	11°31	n.a.	F 17
S 18	23 28 4	20° 5'29	15° 5	14°29	5°50	4°30	9°36	5°36	8°41	19°23	6°40	25°14	26°39	11°38	n.a.	S 18
S 19	23 32 1	21° 5'17	27° 0	16°12	7° 5	5°10	9°49	5°43	8°44	19°22	6°41	25° 9	26°36	11°44	n.a.	S 19
M20	23 35 57	22° 5'06	8♎49	17°55	8°20	5°49	10° 2	5°50	8°46	19°20	6°41	25° 6	26°33	11°51	n.a.	M20
T 21	23 39 54	23° 4'57	20°36	19°38	9°36	6°28	10°15	5°57	8°49	19°19	6°42	25°D 5	26°30	11°58	n.a.	T 21
W22	23 43 50	24° 4'50	2♏22	21°20	10°51	7° 8	10°28	6° 4	8°52	19°18	6°43	25° 5	26°27	12° 4	n.a.	W22
T 23	23 47 47	25° 4'45	14°12	23° 1	12° 6	7°47	10°41	6°11	8°55	19°17	6°43	25° 6	26°24	12°11	n.a.	T 23
F 24	23 51 43	26° 4'42	26° 8	24°42	13°21	8°26	10°54	6°18	8°58	19°15	6°44	25° 8	26°20	12°18	n.a.	F 24
S 25	23 55 40	27° 4'41	8♐15	26°22	14°36	9° 6	11° 7	6°25	9° 1	19°14	6°44	25°10	26°17	12°24	n.a.	S 25
S 26	23 59 37	28° 4'42	20°38	28° 2	15°52	9°45	11°19	6°32	9° 4	19°13	6°45	25°11	26°14	12°31	n.a.	S 26
M27	0 3 33	29° 4'44	3♑22	29°41	17° 7	10°25	11°32	6°39	9° 7	19°12	6°45	25°R11	26°11	12°38	n.a.	M27
T 28	0 7 30	0♒ 4'48	16°30	1♒20	18°22	11° 4	11°45	6°46	9°10	19°10	6°45	25°10	26° 8	12°44	n.a.	T 28
W29	0 11 26	1° 4'54	0♒ 5	2°58	19°38	11°44	11°58	6°53	9°13	19° 9	6°46	25° 8	26° 4	12°51	n.a.	W29
T 30	0 15 23	2♒ 5'02	14♒ 9	4♒35	20♍53	12♍23	12♍10	7♒ 0	9♏16	19♒ 8	6♋46	25♈ 5	26♈ 1	12♎58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n26	26s57	5s 6	17n33	1n25	17n47	1n12	14n56	1n 8	10n33	1n11	0n41	2n22	14s 5	0n17	16s 7	1s 8	28n15	4n41	10n18	10n44	2s27		n.a.
T 2	10 5	23 51	5 2	17 14	1 33	17 26	1 13	14 43	1 8	10 28	1 11	0 38	2 22	14 5	0 17	16 8	1 8	28 15	4 41	10 15	10 43	2 31		n.a.
F 3	9 43	19 11	4 39	16 52	1 39	17 5	1 15	14 30	1 8	10 24	1 11	0 35	2 21	14 6	0 17	16 8	1 8	28 15	4 41	10 12	10 42	2 34		n.a.
S 4	9 21	13 15	3 57	16 27	1 44	16 43	1 16	14 17	1 8	10 19	1 11	0 32	2 21	14 7	0 17	16 9	1 8	28 15	4 41	10 9	10 40	2 38		n.a.
S 5	8 58	6 30	2 58	16 0	1 48	16 20	1 17	14 3	1 7	10 14	1 11	0 30	2 21	14 8	0 17	16 9	1 8	28 15	4 41	10 7	10 39	2 41		n.a.
M 6	8 36	0n38	1 47	15 30	1 51	15 57	1 18	13 50	1 7	10 9	1 11	0 27	2 21	14 8	0 17	16 10	1 8	28 15	4 42	10 6	10 38	2 45		n.a.
T 7	8 14	7 41	0 28	14 59	1 53	15 34	1 19	13 36	1 7	10 4	1 11	0 24	2 21	14 9	0 17	16 10	1 8	28 16	4 42	10 5	10 37	2 48		n.a.
W 8	7 51	14 12	0n51	14 25	1 55	15 10	1 20	13 22	1 7	9 59	1 11	0 21	2 21	14 10	0 17	16 11	1 8	28 16	4 42	10 5	10 36	2 51		n.a.
T 9	7 28	19 49	2 5	13 49	1 55	14 46	1 21	13 8	1 7	9 54	1 11	0 19	2 21	14 11	0 17	16 11	1 8	28 16	4 42	10 5	10 35	2 55		n.a.
F 10	7 5	24 12	3 10	13 12	1 55	14 21	1 22	12 54	1 7	9 49	1 11	0 16	2 21	14 11	0 17	16 12	1 8	28 16	4 42	10 6	10 33	2 58		n.a.
S 11	6 42	27 7	4 2	12 34	1 54	13 56	1 23	12 40	1 7	9 44	1 11	0 13	2 21	14 12	0 17	16 12	1 8	28 16	4 42	10 6	10 32	3 2		n.a.
S 12	6 19	28 24	4 40	11 54	1 53	13 30	1 24	12 26	1 7	9 40	1 11	0 10	2 21	14 13	0 17	16 13	1 8	28 16	4 43	10 6	10 31	3 5		n.a.
M13	5 56	28 5	5 3	11 13	1 51	13 5	1 25	12 12	1 6	9 35	1 12	0 8	2 21	14 14	0 17	16 13	1 8	28 16	4 43	10 4	10 30	3 8		n.a.
T 14	5 33	26 16	5 10	10 31	1 48	12 38	1 25	11 58	1 6	9 30	1 12	0 5	2 21	14 15	0 17	16 14	1 8	28 17	4 43	10 2	10 29	3 12		n.a.
W15	5 9	23 11	5 2	9 49	1 45	12 12	1 26	11 43	1 6	9 25	1 12	0 2	2 20	14 16	0 17	16 14	1 8	28 17	4 43	10 0	10 28	3 15		n.a.
T 16	4 46	19 7	4 40	9 5	1 42	11 45	1 26	11 29	1 6	9 20	1 12	0s 1	2 20	14 17	0 17	16 15	1 8	28 17	4 43	9 58	10 26	3 19		n.a.
F 17	4 22	14 19	4 6	8 22	1 38	11 17	1 27	11 14	1 6	9 15	1 12	0 4	2 20	14 17	0 17	16 15	1 8	28 17	4 44	9 55	10 25	3 22		n.a.
S 18	3 58	9 2	3 21	7 37	1 34	10 50	1 27	11 0	1 6	9 10	1 12	0 7	2 20	14 18	0 17	16 16	1 8	28 17	4 44	9 53	10 24	3 25		n.a.
S 19	3 34	3 28	2 28	6 52	1 29	10 22	1 27	10 45	1 5	9 5	1 12	0 9	2 20	14 19	0 17	16 16	1 8	28 17	4 44	9 51	10 23	3 29		n.a.
M20	3 11	2s12	1 28	6 7	1 24	9 54	1 28	10 30	1 5	9 0	1 12	0 12	2 20	14 20	0 17	16 16	1 8	28 17	4 44	9 50	10 22	3 32		n.a.
T 21	2 47	7 46	0 25	5 22	1 19	9 25	1 28	10 15	1 5	8 55	1 12	0 15	2 20	14 21	0 17	16 17	1 8	28 18	4 44	9 49	10 21	3 36		n.a.
W22	2 23	13 4	0s40	4 37	1 14	8 57	1 28	10 0	1 5	8 50	1 12	0 18	2 20	14 22	0 17	16 17	1 8	28 18	4 45	9 49	10 20	3 39		n.a.
T 23	1 59	17 56	1 43	3 51	1 8	8 28	1 28	9 45	1 5	8 46	1 12	0 21	2 20	14 23	0 17	16 18	1 8	28 18	4 45	9 50	10 18	3 43		n.a.
F 24	1 35	22 9	2 42	3 5	1 3	7 58	1 28	9 30	1 5	8 41	1 12	0 24	2 20	14 24	0 17	16 18	1 8	28 18	4 45	9 51	10 17	3 46		n.a.
S 25	1 11	25 30	3 35	2 20	0 57	7 29	1 28	9 15	1 4	8 36	1 12	0 26	2 20	14 25	0 17	16 18	1 8	28 18	4 45	9 51	10 16	3 49		n.a.
S 26	0 46	27 43	4 20	1 34	0 51	6 59	1 28	9 0	1 4	8 31	1 12	0 29	2 20	14 26	0 17	16 19	1 8	28 18	4 45	9 52	10 15	3 53		n.a.
M27	0 22	28 34	4 53	0 48	0 44	6 29	1 27	8 44	1 4	8 26	1 12	0 32	2 20	14 27	0 17	16 19	1 8	28 19	4 46	9 52	10 14	3 56		n.a.
T 28	0s 2	27 51	5 11	0 3	0 38	5 59	1 27	8 29	1 4	8 21	1 12	0 35	2 20	14 28	0 17	16 19	1 8	28 19	4 46	9 51	10 13	4 0		n.a.
W29	0 26	25 29	5 14	0s42	0 32	5 29	1 27	8 14	1 4	8 16	1 12	0 38	2 20	14 29	0 16	16 20	1 8	28 19	4 46	9 50	10 11	4 3		n.a.
T 30	0s50	21s31	4s58	1s27	0n25	4n59	1n26	7n58	1n 3	8n12	1n13	0s41	2n20	14s30	0n16	16s20	1s 8	28n19	4n46	9n49	10n10	4s 6		n.a.

Julian Day Number = 1617204.5, Delta T = 03h49m42s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'37, Lahiri = - 7°53'37 Julian Calendar 1 Sept. 286 BCE == Greg. Calendar 28 Aug. 286 BCE

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

OCTOBER 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 19 19	3♎ 5'11	28♒40	6♎12	22♍ 8	13♍ 3	12♍23	7♎ 7	9♏19	19°R 7	6♋47	25°R 2	25♈58	13♎ 4	n.a.	F 1
S 2	0 23 16	4° 5'21	13♓34	7°49	23°24	13°42	12°36	7°15	9°22	19♒ 6	6°47	24♈59	25°55	13°11	n.a.	S 2
S 3	0 27 12	5° 5'34	28°43	9°25	24°39	14°22	12°48	7°22	9°26	19° 5	6°47	24°57	25°52	13°18	n.a.	S 3
M 4	0 31 9	6° 5'48	13♈58	11° 1	25°54	15° 1	13° 1	7°29	9°29	19° 4	6°47	24°55	25°49	13°24	n.a.	M 4
T 5	0 35 6	7° 6'04	29° 8	12°36	27°10	15°41	13°13	7°36	9°32	19° 3	6°48	24°D55	25°45	13°31	n.a.	T 5
W 6	0 39 2	8° 6'23	14♉ 5	14°11	28°25	16°21	13°26	7°43	9°35	19° 2	6°48	24°56	25°42	13°37	n.a.	W 6
T 7	0 42 59	9° 6'43	28°42	15°46	29°41	17° 0	13°38	7°50	9°39	19° 1	6°48	24°57	25°39	13°44	n.a.	T 7
F 8	0 46 55	10° 7'06	12♊55	17°20	0♏56	17°40	13°51	7°57	9°42	19° 0	6°48	24°58	25°36	13°51	n.a.	F 8
S 9	0 50 52	11° 7'30	26°41	18°53	2°12	18°20	14° 3	8° 4	9°45	18°59	6°48	24°59	25°33	13°57	n.a.	S 9
S 10	0 54 48	12° 7'57	10♋ 2	20°27	3°27	19° 0	14°15	8°11	9°49	18°58	6°48	25°R 0	25°30	14° 4	n.a.	S 10
M11	0 58 45	13° 8'25	22°59	22° 0	4°43	19°40	14°28	8°19	9°52	18°58	6°48	24°59	25°26	14°11	n.a.	M11
T 12	1 2 41	14° 8'56	5♌37	23°33	5°58	20°19	14°40	8°26	9°55	18°57	6°48	24°59	25°23	14°17	n.a.	T 12
W13	1 6 38	15° 9'29	17°59	25° 5	7°14	20°59	14°52	8°33	9°59	18°56	6°R48	24°57	25°20	14°24	n.a.	W13
T 14	1 10 35	16°10'03	0♍ 7	26°37	8°29	21°39	15° 4	8°40	10° 2	18°55	6°48	24°56	25°17	14°31	n.a.	T 14
F 15	1 14 31	17°10'39	12° 6	28° 9	9°45	22°19	15°16	8°47	10° 6	18°55	6°48	24°55	25°14	14°37	n.a.	F 15
S 16	1 18 28	18°11'17	23°59	29°41	11° 0	22°59	15°28	8°54	10° 9	18°54	6°48	24°54	25°10	14°44	n.a.	S 16
S 17	1 22 24	19°11'57	5♎48	1♏12	12°16	23°39	15°40	9° 1	10°13	18°53	6°48	24°53	25° 7	14°51	n.a.	S 17
M18	1 26 21	20°12'38	17°35	2°43	13°31	24°19	15°52	9° 8	10°16	18°53	6°48	24°53	25° 4	14°57	n.a.	M18
T 19	1 30 17	21°13'21	29°23	4°13	14°47	24°59	16° 4	9°15	10°20	18°52	6°48	24°D53	25° 1	15° 4	n.a.	T 19
W20	1 34 14	22°14'05	11♏14	5°44	16° 3	25°39	16°16	9°22	10°23	18°52	6°48	24°53	24°58	15°11	n.a.	W20
T 21	1 38 10	23°14'51	23° 9	7°14	17°18	26°19	16°27	9°29	10°27	18°51	6°48	24°53	24°55	15°17	n.a.	T 21
F 22	1 42 7	24°15'38	5♐12	8°43	18°34	26°59	16°39	9°36	10°30	18°51	6°47	24°53	24°51	15°24	n.a.	F 22
S 23	1 46 4	25°16'26	17°26	10°13	19°49	27°39	16°51	9°43	10°34	18°50	6°47	24°R53	24°48	15°30	n.a.	S 23
S 24	1 50 0	26°17'16	29°53	11°42	21° 5	28°19	17° 2	9°50	10°38	18°50	6°47	24°53	24°45	15°37	n.a.	S 24
M25	1 53 57	27°18'07	12♑36	13°10	22°21	28°59	17°14	9°57	10°41	18°49	6°47	24°53	24°42	15°44	n.a.	M25
T 26	1 57 53	28°18'58	25°39	14°38	23°36	29°40	17°25	10° 4	10°45	18°49	6°46	24°D53	24°39	15°50	n.a.	T 26
W27	2 1 50	29°19'51	9♒ 4	16° 5	24°52	0♎20	17°36	10°11	10°48	18°49	6°46	24°53	24°36	15°57	n.a.	W27
T 28	2 5 46	0♏20'45	22°54	17°32	26° 7	1° 0	17°48	10°17	10°52	18°48	6°45	24°53	24°32	16° 4	n.a.	T 28
F 29	2 9 43	1°21'39	7♓ 9	18°58	27°23	1°40	17°59	10°24	10°56	18°48	6°45	24°54	24°29	16°10	n.a.	F 29
S 30	2 13 39	2°22'35	21°47	20°24	28°39	2°20	18°10	10°31	10°59	18°48	6°45	24°55	24°26	16°17	n.a.	S 30
S 31	2 17 36	3♏23'31	6♈43	21♏48	29♎54	3♎ 1	18♍21	10♎38	11♏ 3	18♒48	6♋44	24♈55	24♈23	16♎24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s14	16s10	4s23	2s12	0n19	4n28	1n26	7n43	1n 3	8n 7	1n13	0s44	2n20	14s31	0n16	16s20	1s 8	28n19	4n46	9n48	10n 9	4s10		n.a.
S 2	1 39	9 45	3 29	2 57	0 12	3 57	1 25	7 27	1 3	8 2	1 13	0 46	2 20	14 32	0 16	16 21	1 8	28 20	4 47	9 47	10 8	4 13		n.a.
S 3	2 3	2 39	2 20	3 41	0 6	3 27	1 25	7 12	1 3	7 57	1 13	0 49	2 20	14 33	0 16	16 21	1 7	28 20	4 47	9 46	10 7	4 17		n.a.
M 4	2 27	4n39	1 0	4 25	0s 1	2 56	1 24	6 56	1 3	7 52	1 13	0 52	2 20	14 34	0 16	16 21	1 7	28 20	4 47	9 46	10 6	4 20		n.a.
T 5	2 51	11 40	0n23	5 9	0 7	2 25	1 23	6 40	1 2	7 48	1 13	0 55	2 20	14 35	0 16	16 22	1 7	28 20	4 47	9 46	10 4	4 23		n.a.
W 6	3 15	17 55	1 44	5 53	0 14	1 54	1 22	6 24	1 2	7 43	1 13	0 58	2 20	14 36	0 16	16 22	1 7	28 20	4 47	9 46	10 3	4 27		n.a.
T 7	3 39	22 59	2 56	6 36	0 21	1 22	1 21	6 8	1 2	7 38	1 13	1 1	2 20	14 37	0 16	16 22	1 7	28 20	4 48	9 46	10 2	4 30		n.a.
F 8	4 3	26 31	3 56	7 18	0 27	0 51	1 21	5 53	1 2	7 33	1 13	1 3	2 20	14 38	0 16	16 22	1 7	28 21	4 48	9 47	10 1	4 34		n.a.
S 9	4 27	28 21	4 39	8 0	0 34	0 20	1 20	5 37	1 2	7 29	1 13	1 6	2 20	14 39	0 16	16 23	1 7	28 21	4 48	9 47	10 0	4 37		n.a.
S 10	4 51	28 26	5 6	8 42	0 40	0s11	1 18	5 21	1 1	7 24	1 13	1 9	2 20	14 40	0 16	16 23	1 7	28 21	4 48	9 47	9 58	4 40		n.a.
M11	5 15	26 57	5 17	9 23	0 47	0 43	1 17	5 5	1 1	7 19	1 14	1 12	2 20	14 42	0 16	16 23	1 7	28 21	4 48	9 47	9 57	4 44		n.a.
T 12	5 39	24 7	5 12	10 4	0 53	1 14	1 16	4 49	1 1	7 14	1 14	1 15	2 20	14 43	0 16	16 23	1 7	28 21	4 49	9 47	9 56	4 47		n.a.
W13	6 2	20 15	4 52	10 44	0 59	1 45	1 15	4 32	1 1	7 10	1 14	1 17	2 20	14 44	0 16	16 24	1 7	28 22	4 49	9 47	9 55	4 51		n.a.
T 14	6 26	15 36	4 19	11 24	1 5	2 17	1 14	4 16	1 0	7 5	1 14	1 20	2 20	14 45	0 16	16 24	1 7	28 22	4 49	9 46	9 54	4 54		n.a.
F 15	6 50	10 25	3 36	12 3	1 11	2 48	1 12	4 0	1 0	7 1	1 14	1 23	2 20	14 46	0 16	16 24	1 7	28 22	4 49	9 46	9 53	4 57		n.a.
S 16	7 13	4 55	2 43	12 42	1 17	3 19	1 11	3 44	1 0	6 56	1 14	1 26	2 20	14 47	0 16	16 24	1 7	28 22	4 49	9 45	9 51	5 1		n.a.
S 17	7 36	0s44	1 44	13 20	1 23	3 50	1 9	3 28	1 0	6 51	1 14	1 29	2 20	14 48	0 16	16 24	1 7	28 22	4 50	9 45	9 50	5 4		n.a.
M18	8 0	6 22	0 40	13 57	1 29	4 22	1 8	3 11	0 59	6 47	1 14	1 31	2 20	14 49	0 16	16 25	1 7	28 23	4 50	9 45	9 49	5 8		n.a.
T 19	8 23	11 47	0s25	14 33	1 34	4 53	1 6	2 55	0 59	6 42	1 14	1 34	2 20	14 51	0 16	16 25	1 7	28 23	4 50	9 45	9 48	5 11		n.a.
W20	8 46	16 48	1 30	15 9	1 39	5 23	1 5	2 39	0 59	6 38	1 15	1 37	2 20	14 52	0 16	16 25	1 7	28 23	4 50	9 45	9 47	5 14		n.a.
T 21	9 8	21 13	2 31	15 44	1 45	5 54	1 3	2 22	0 58	6 33	1 15	1 40	2 20	14 53	0 16	16 25	1 7	28 23	4 50	9 45	9 46	5 18		n.a.
F 22	9 31	24 48	3 26	16 18	1 49	6 25	1 2	2 6	0 58	6 29	1 15	1 42	2 20	14 54	0 16	16 25	1 7	28 24	4 51	9 45	9 44	5 21		n.a.
S 23	9 54	27 19	4 13	16 52	1 54	6 55	1 0	1 50	0 58	6 24	1 15	1 45	2 20	14 55	0 16	16 25	1 7	28 24	4 51	9 45	9 43	5 25		n.a.
S 24	10 16	28 32	4 48	17 24	1 59	7 26	0 58	1 33	0 58	6 20	1 15	1 48	2 20	14 56	0 16	16 25	1 7	28 24	4 51	9 45	9 42	5 28		n.a.
M25	10 38	28 17	5 11	17 56	2 3	7 56	0 56	1 17	0 57	6 15	1 15	1 50	2 20	14 57	0 16	16 26	1 7	28 24	4 51	9 45	9 41	5 31		n.a.
T 26	11 0	26 28	5 18	18 26	2 7	8 26	0 54	1 0	0 57	6 11	1 15	1 53	2 20	14 59	0 16	16 26	1 7	28 24	4 51	9 45	9 40	5 35		n.a.
W27	11 22	23 9	5 8	18 56	2 10	8 56	0 52	0 44	0 57	6 7	1 16	1 56	2 20	15 0	0 16	16 26	1 7	28 25	4 52	9 45	9 39	5 38		n.a.
T 28	11 44	18 28	4 41	19 24	2 13	9 25	0 51	0 27	0 56	6 2	1 16	1 58	2 21	15 1	0 16	16 26	1 7	28 25	4 52	9 45	9 37	5 42		n.a.
F 29	12 5	12 38	3 56	19 51	2 16	9 55	0 49	0 11	0 56	5 58	1 16	2 1	2 21	15 2	0 16	16 26	1 7	28 25	4 52	9 45	9 36	5 45		n.a.
S 30	12 27	5 57	2 54	20 17	2 19	10 24	0 47	0s 5	0 56	5 54	1 16	2 4	2 21	15 3	0 16	16 26	1 7	28 25	4 52	9 46	9 35	5 48		n.a.
S 31	12s48	1n11	1s39	20s42	2s21	10s53	0n45	0s22	0n55	5n50	1n16	2s 6	2n21	15s 4	0n16	16s26	1s 7	28n25	4n52	9n46	9n34	5s52		n.a.

Julian Day Number = 1617234.5, Delta T = 03h49m41s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'33, Lahiri = - 7°53'33 Julian Calendar 1 Oct. 286 BCE == Greg. Calendar 27 Sept. 286 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

NOVEMBER 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 21 33	4♏24'29	21♈51	23♏12	1♏10	3♎41	18♍32	10♎44	11♏ 7	18°R48	6°R44	24°R56	24♈20	16♎30	n.a.	M 1
T 2	2 25 29	5°25'27	7♉ 2	24°34	2°25	4°21	18°43	10°51	11°10	18♒48	6♋43	24♈55	24°16	16°37	n.a.	T 2
W 3	2 29 26	6°26'27	22° 5	25°54	3°41	5° 2	18°53	10°58	11°14	18°47	6°43	24°55	24°13	16°44	n.a.	W 3
T 4	2 33 22	7°27'27	6♊54	27°14	4°56	5°42	19° 4	11° 4	11°18	18°47	6°42	24°53	24°10	16°50	n.a.	T 4
F 5	2 37 19	8°28'30	21°19	28°31	6°12	6°23	19°15	11°11	11°21	18°D47	6°41	24°51	24° 7	16°57	n.a.	F 5
S 6	2 41 15	9°29'33	5♋18	29°46	7°28	7° 3	19°25	11°18	11°25	18°47	6°41	24°50	24° 4	17° 4	n.a.	S 6
S 7	2 45 12	10°30'37	18°49	0♐59	8°43	7°43	19°35	11°24	11°29	18°48	6°40	24°48	24° 1	17°10	n.a.	S 7
M 8	2 49 8	11°31'43	1♌53	2° 8	9°59	8°24	19°46	11°31	11°33	18°48	6°39	24°47	23°57	17°17	n.a.	M 8
T 9	2 53 5	12°32'49	14°34	3°15	11°14	9° 4	19°56	11°37	11°36	18°48	6°39	24°D47	23°54	17°23	n.a.	T 9
W10	2 57 2	13°33'57	26°54	4°17	12°30	9°45	20° 6	11°44	11°40	18°48	6°38	24°47	23°51	17°30	n.a.	W10
T 11	3 0 58	14°35'06	8♍59	5°16	13°46	10°26	20°16	11°50	11°44	18°48	6°37	24°49	23°48	17°37	n.a.	T 11
F 12	3 4 55	15°36'15	20°53	6° 9	15° 1	11° 6	20°26	11°56	11°47	18°48	6°37	24°50	23°45	17°43	n.a.	F 12
S 13	3 8 51	16°37'26	2♎41	6°56	16°17	11°47	20°36	12° 3	11°51	18°49	6°36	24°52	23°41	17°50	n.a.	S 13
S 14	3 12 48	17°38'37	14°28	7°37	17°32	12°28	20°46	12° 9	11°55	18°49	6°35	24°53	23°38	17°57	n.a.	S 14
M15	3 16 44	18°39'49	26°15	8°10	18°48	13° 8	20°55	12°15	11°58	18°49	6°34	24°R54	23°35	18° 3	n.a.	M15
T 16	3 20 41	19°41'02	8♏ 7	8°35	20° 4	13°49	21° 5	12°21	12° 2	18°50	6°33	24°53	23°32	18°10	n.a.	T 16
W17	3 24 37	20°42'16	20° 6	8°51	21°19	14°30	21°14	12°27	12° 6	18°50	6°32	24°51	23°29	18°17	n.a.	W17
T 18	3 28 34	21°43'30	2♐13	8°R57	22°35	15°10	21°24	12°33	12° 9	18°51	6°32	24°47	23°26	18°23	n.a.	T 18
F 19	3 32 31	22°44'44	14°30	8°52	23°50	15°51	21°33	12°39	12°13	18°51	6°31	24°43	23°22	18°30	n.a.	F 19
S 20	3 36 27	23°45'59	26°57	8°35	25° 6	16°32	21°42	12°45	12°17	18°52	6°30	24°37	23°19	18°37	n.a.	S 20
S 21	3 40 24	24°47'14	9♑37	8° 7	26°21	17°13	21°51	12°51	12°20	18°52	6°29	24°32	23°16	18°43	n.a.	S 21
M22	3 44 20	25°48'30	22°30	7°28	27°37	17°54	22° 0	12°57	12°24	18°53	6°28	24°28	23°13	18°50	n.a.	M22
T 23	3 48 17	26°49'45	5♒38	6°37	28°52	18°35	22° 9	13° 3	12°28	18°53	6°27	24°24	23°10	18°57	n.a.	T 23
W24	3 52 13	27°51'01	19° 1	5°35	0♐ 8	19°16	22°17	13° 9	12°31	18°54	6°26	24°22	23° 7	19° 3	n.a.	W24
T 25	3 56 10	28°52'16	2♓42	4°26	1°23	19°56	22°26	13°14	12°35	18°55	6°25	24°D22	23° 3	19°10	n.a.	T 25
F 26	4 0 7	29°53'31	16°41	3° 9	2°39	20°37	22°34	13°20	12°38	18°55	6°24	24°23	23° 0	19°16	n.a.	F 26
S 27	4 4 3	0♐54'46	0♈58	1°49	3°54	21°18	22°42	13°25	12°42	18°56	6°23	24°25	22°57	19°23	n.a.	S 27
S 28	4 8 0	1°56'01	15°30	0°27	5°10	21°59	22°50	13°31	12°45	18°57	6°22	24°26	22°54	19°30	n.a.	S 28
M29	4 11 56	2°57'15	0♉16	29♏ 6	6°25	22°40	22°58	13°36	12°49	18°58	6°20	24°R26	22°51	19°36	n.a.	M29
T 30	4 15 53	3♐58'30	15♉ 8	27♏49	7♐41	23♎21	23♍ 6	13♎42	12♏52	18♒59	6♋19	24♈24	22♈47	19♎43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s 9	8n21	0s17	21s 6	2s23	11s21	0n42	0s38	0n55	5n46	1n16	2s 9	2n21	15s 5	0n16	16s26	1s 7	28n26	4n53	9n46	9n33	5s55		n.a.
T 2	13 29	15 4	1n 7	21 28	2 24	11 50	0 40	0 55	0 55	5 41	1 17	2 11	2 21	15 7	0 16	16 26	1 7	28 26	4 53	9 46	9 31	5 58		n.a.
W 3	13 50	20 51	2 25	21 48	2 24	12 18	0 38	1 11	0 54	5 37	1 17	2 14	2 21	15 8	0 16	16 26	1 7	28 26	4 53	9 46	9 30	6 2		n.a.
T 4	14 10	25 13	3 32	22 7	2 24	12 46	0 36	1 28	0 54	5 33	1 17	2 16	2 21	15 9	0 16	16 26	1 7	28 26	4 53	9 45	9 29	6 5		n.a.
F 5	14 30	27 50	4 24	22 24	2 24	13 13	0 34	1 44	0 54	5 29	1 17	2 19	2 21	15 10	0 16	16 26	1 7	28 27	4 53	9 44	9 28	6 9		n.a.
S 6	14 50	28 36	4 59	22 40	2 23	13 40	0 32	2 1	0 53	5 25	1 17	2 21	2 21	15 11	0 16	16 26	1 7	28 27	4 53	9 44	9 27	6 12		n.a.
S 7	15 9	27 35	5 15	22 54	2 21	14 7	0 29	2 17	0 53	5 21	1 17	2 24	2 21	15 12	0 16	16 26	1 7	28 27	4 54	9 43	9 25	6 15		n.a.
M 8	15 29	25 5	5 14	23 6	2 18	14 33	0 27	2 34	0 53	5 17	1 18	2 26	2 21	15 14	0 16	16 26	1 7	28 27	4 54	9 43	9 24	6 19		n.a.
T 9	15 47	21 24	4 58	23 15	2 14	14 59	0 25	2 50	0 52	5 13	1 18	2 29	2 22	15 15	0 16	16 26	1 7	28 27	4 54	9 43	9 23	6 22		n.a.
W10	16 6	16 53	4 28	23 23	2 10	15 25	0 23	3 7	0 52	5 9	1 18	2 31	2 22	15 16	0 16	16 26	1 7	28 28	4 54	9 43	9 22	6 26		n.a.
T 11	16 25	11 48	3 47	23 28	2 4	15 50	0 20	3 23	0 52	5 6	1 18	2 34	2 22	15 17	0 16	16 25	1 7	28 28	4 54	9 43	9 21	6 29		n.a.
F 12	16 43	6 22	2 57	23 32	1 58	16 15	0 18	3 40	0 51	5 2	1 18	2 36	2 22	15 18	0 16	16 25	1 6	28 28	4 55	9 44	9 20	6 32		n.a.
S 13	17 1	0 45	2 0	23 32	1 50	16 40	0 16	3 56	0 51	4 58	1 18	2 38	2 22	15 19	0 16	16 25	1 6	28 28	4 55	9 45	9 18	6 36		n.a.
S 14	17 18	4s53	0 57	23 30	1 41	17 4	0 13	4 13	0 50	4 54	1 19	2 41	2 22	15 21	0 16	16 25	1 6	28 29	4 55	9 45	9 17	6 39		n.a.
M15	17 35	10 22	0s 8	23 26	1 30	17 27	0 11	4 29	0 50	4 51	1 19	2 43	2 22	15 22	0 16	16 25	1 6	28 29	4 55	9 45	9 16	6 42		n.a.
T 16	17 52	15 31	1 12	23 18	1 19	17 50	0 9	4 45	0 50	4 47	1 19	2 45	2 22	15 23	0 16	16 25	1 6	28 29	4 55	9 45	9 15	6 46		n.a.
W17	18 9	20 8	2 14	23 8	1 6	18 13	0 6	5 2	0 49	4 43	1 19	2 48	2 23	15 24	0 16	16 25	1 6	28 29	4 55	9 44	9 14	6 49		n.a.
T 18	18 25	23 58	3 11	22 54	0 51	18 35	0 4	5 18	0 49	4 40	1 19	2 50	2 23	15 25	0 16	16 25	1 6	28 29	4 56	9 43	9 12	6 53		n.a.
F 19	18 41	26 47	3 59	22 38	0 35	18 56	0 1	5 34	0 48	4 36	1 20	2 52	2 23	15 26	0 16	16 24	1 6	28 30	4 56	9 41	9 11	6 56		n.a.
S 20	18 57	28 19	4 37	22 18	0 18	19 17	0s 1	5 50	0 48	4 33	1 20	2 54	2 23	15 27	0 16	16 24	1 6	28 30	4 56	9 39	9 10	6 59		n.a.
S 21	19 12	28 24	5 2	21 56	0n 0	19 38	0 3	6 7	0 48	4 30	1 20	2 57	2 23	15 29	0 16	16 24	1 6	28 30	4 56	9 37	9 9	7 3		n.a.
M22	19 27	26 58	5 12	21 30	0 19	19 58	0 6	6 23	0 47	4 26	1 20	2 59	2 23	15 30	0 16	16 24	1 6	28 30	4 56	9 36	9 8	7 6		n.a.
T 23	19 41	24 2	5 7	21 2	0 39	20 17	0 8	6 39	0 47	4 23	1 20	3 1	2 23	15 31	0 16	16 24	1 6	28 30	4 56	9 34	9 7	7 9		n.a.
W24	19 55	19 48	4 44	20 31	1 0	20 36	0 10	6 55	0 46	4 20	1 21	3 3	2 24	15 32	0 16	16 23	1 6	28 31	4 57	9 34	9 5	7 13		n.a.
T 25	20 9	14 27	4 5	19 59	1 20	20 54	0 13	7 11	0 46	4 17	1 21	3 5	2 24	15 33	0 16	16 23	1 6	28 31	4 57	9 34	9 4	7 16		n.a.
F 26	20 22	8 15	3 11	19 25	1 39	21 11	0 15	7 27	0 45	4 13	1 21	3 7	2 24	15 34	0 16	16 23	1 6	28 31	4 57	9 34	9 3	7 19		n.a.
S 27	20 35	1 31	2 5	18 52	1 57	21 28	0 17	7 43	0 45	4 10	1 21	3 9	2 24	15 35	0 16	16 23	1 6	28 31	4 57	9 34	9 2	7 23		n.a.
S 28	20 48	5n26	0 48	18 18	2 14	21 45	0 20	7 59	0 44	4 7	1 22	3 11	2 24	15 36	0 16	16 22	1 6	28 32	4 57	9 35	9 1	7 26		n.a.
M29	21 0	12 12	0n32	17 47	2 29	22 0	0 22	8 15	0 44	4 4	1 22	3 13	2 24	15 37	0 16	16 22	1 6	28 32	4 57	9 35	8 59	7 30		n.a.
T 30	21s12	18n20	1n50	17s17	2n42	22s16	0s24	8s31	0n44	4n 1	1n22	3s15	2n25	15s38	0n16	16s22	1s 6	28n32	4n58	9n34	8n58	7s33		n.a.

Julian Day Number = 1617265.5, Delta T = 03h49m40s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'29, Lahiri = - 7°53'29 Julian Calendar 1 Nov. 286 BCE == Greg. Calendar 28 Oct. 286 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 286 BCE
geocentric

DECEMBER 286 BCE (-285) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 19 49	4♐59'44	29♉59	26°R38	8♐56	24♎ 2	23♍14	13♎47	12♏56	18♒59	6°R18	24°R21	22♈44	19♎50	n.a.	W 1
T 2	4 23 46	6° 0'58	14♊42	25♏35	10°12	24°44	23°22	13°52	12°59	19° 0	6♋17	24♈15	22°41	19°56	n.a.	T 2
F 3	4 27 42	7° 2'13	29° 8	24°41	11°27	25°25	23°29	13°58	13° 3	19° 1	6°16	24° 8	22°38	20° 3	n.a.	F 3
S 4	4 31 39	8° 3'27	13♋12	23°57	12°43	26° 6	23°36	14° 3	13° 6	19° 2	6°15	24° 1	22°35	20°10	n.a.	S 4
S 5	4 35 36	9° 4'42	26°50	23°24	13°58	26°47	23°44	14° 8	13°10	19° 3	6°14	23°54	22°32	20°16	n.a.	S 5
M 6	4 39 32	10° 5'56	10♌ 1	23° 0	15°13	27°28	23°51	14°13	13°13	19° 4	6°12	23°48	22°28	20°23	n.a.	M 6
T 7	4 43 29	11° 7'11	22°46	22°46	16°29	28° 9	23°58	14°18	13°17	19° 6	6°11	23°44	22°25	20°30	n.a.	T 7
W 8	4 47 25	12° 8'25	5♍10	22°D42	17°44	28°51	24° 4	14°22	13°20	19° 7	6°10	23°42	22°22	20°36	n.a.	W 8
T 9	4 51 22	13° 9'39	17°17	22°47	19° 0	29°32	24°11	14°27	13°23	19° 8	6° 9	23°D42	22°19	20°43	n.a.	T 9
F 10	4 55 18	14°10'53	29°11	23° 0	20°15	0♏13	24°17	14°32	13°27	19° 9	6° 7	23°43	22°16	20°49	n.a.	F 10
S 11	4 59 15	15°12'07	10♎59	23°20	21°30	0°55	24°24	14°37	13°30	19°10	6° 6	23°44	22°13	20°56	n.a.	S 11
S 12	5 3 11	16°13'21	22°45	23°47	22°46	1°36	24°30	14°41	13°33	19°11	6° 5	23°R45	22° 9	21° 3	n.a.	S 12
M13	5 7 8	17°14'34	4♏35	24°21	24° 1	2°17	24°36	14°46	13°36	19°13	6° 4	23°44	22° 6	21° 9	n.a.	M13
T 14	5 11 5	18°15'47	16°32	24°59	25°16	2°59	24°42	14°50	13°40	19°14	6° 2	23°41	22° 3	21°16	n.a.	T 14
W15	5 15 1	19°17'00	28°39	25°43	26°32	3°40	24°47	14°54	13°43	19°15	6° 1	23°36	22° 0	21°23	n.a.	W15
T 16	5 18 58	20°18'13	10♐59	26°32	27°47	4°22	24°53	14°59	13°46	19°17	6° 0	23°28	21°57	21°29	n.a.	T 16
F 17	5 22 54	21°19'24	23°33	27°24	29° 2	5° 3	24°58	15° 3	13°49	19°18	5°58	23°18	21°53	21°36	n.a.	F 17
S 18	5 26 51	22°20'36	6♑21	28°20	0♑18	5°45	25° 4	15° 7	13°52	19°19	5°57	23° 6	21°50	21°43	n.a.	S 18
S 19	5 30 47	23°21'46	19°22	29°19	1°33	6°26	25° 9	15°11	13°55	19°21	5°56	22°55	21°47	21°49	n.a.	S 19
M20	5 34 44	24°22'55	2♒35	0♐22	2°48	7° 8	25°13	15°15	13°58	19°22	5°54	22°45	21°44	21°56	n.a.	M20
T 21	5 38 41	25°24'04	16° 0	1°26	4° 4	7°49	25°18	15°19	14° 1	19°24	5°53	22°37	21°41	22° 3	n.a.	T 21
W22	5 42 37	26°25'11	29°35	2°34	5°19	8°31	25°23	15°22	14° 4	19°25	5°52	22°31	21°38	22° 9	n.a.	W22
T 23	5 46 34	27°26'17	13♓19	3°43	6°34	9°13	25°27	15°26	14° 7	19°27	5°50	22°28	21°34	22°16	n.a.	T 23
F 24	5 50 30	28°27'22	27°13	4°54	7°49	9°54	25°31	15°30	14°10	19°28	5°49	22°D27	21°31	22°23	n.a.	F 24
S 25	5 54 27	29°28'26	11♈17	6° 8	9° 4	10°36	25°35	15°33	14°13	19°30	5°48	22°27	21°28	22°29	n.a.	S 25
S 26	5 58 23	0♑29'28	25°29	7°23	10°20	11°17	25°39	15°36	14°16	19°32	5°46	22°R27	21°25	22°36	n.a.	S 26
M27	6 2 20	1°30'29	9♉49	8°39	11°35	11°59	25°43	15°40	14°19	19°33	5°45	22°26	21°22	22°42	n.a.	M27
T 28	6 6 16	2°31'29	24°14	9°57	12°50	12°41	25°46	15°43	14°21	19°35	5°43	22°23	21°19	22°49	n.a.	T 28
W29	6 10 13	3°32'28	8♊39	11°16	14° 5	13°23	25°50	15°46	14°24	19°37	5°42	22°16	21°15	22°56	n.a.	W29
T 30	6 14 10	4°33'25	23° 0	12°36	15°20	14° 4	25°53	15°49	14°27	19°38	5°41	22° 7	21°12	23° 2	n.a.	T 30
F 31	6 18 6	5♑34'22	7♋10	13♐58	16♑35	14♏46	25♍56	15♎52	14♏30	19♒40	5♋39	21♈56	21♈ 9	23♎ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s23	23n20	3n 1	16s51	2n52	22s30	0s27	8s46	0n43	3n58	1n22	3s17	2n25	15s40	0n16	16s21	1s 6	28n32	4n58	9n33	8n57	7s36		n.a.
T 2	21 34	26 48	3 59	16 29	3 0	22 44	0 29	9 2	0 43	3 56	1 22	3 19	2 25	15 41	0 16	16 21	1 6	28 32	4 58	9 31	8 56	7 40		n.a.
F 3	21 45	28 24	4 40	16 10	3 5	22 57	0 31	9 18	0 42	3 53	1 23	3 21	2 25	15 42	0 16	16 21	1 6	28 33	4 58	9 28	8 55	7 43		n.a.
S 4	21 55	28 6	5 4	15 56	3 9	23 9	0 33	9 33	0 42	3 50	1 23	3 23	2 25	15 43	0 16	16 20	1 6	28 33	4 58	9 26	8 53	7 46		n.a.
S 5	22 5	26 5	5 9	15 47	3 10	23 21	0 36	9 49	0 41	3 47	1 23	3 24	2 25	15 44	0 16	16 20	1 6	28 33	4 58	9 23	8 52	7 50		n.a.
M 6	22 14	22 42	4 57	15 41	3 10	23 32	0 38	10 4	0 41	3 45	1 23	3 26	2 26	15 45	0 16	16 20	1 6	28 33	4 58	9 21	8 51	7 53		n.a.
T 7	22 23	18 20	4 30	15 40	3 8	23 42	0 40	10 20	0 40	3 42	1 24	3 28	2 26	15 46	0 16	16 19	1 6	28 33	4 59	9 19	8 50	7 56		n.a.
W 8	22 31	13 19	3 52	15 42	3 4	23 51	0 42	10 35	0 40	3 40	1 24	3 30	2 26	15 47	0 16	16 19	1 6	28 33	4 59	9 19	8 49	8 0		n.a.
T 9	22 39	7 54	3 4	15 48	3 0	24 0	0 44	10 50	0 39	3 37	1 24	3 31	2 26	15 48	0 16	16 19	1 6	28 34	4 59	9 18	8 47	8 3		n.a.
F 10	22 47	2 17	2 9	15 56	2 54	24 8	0 46	11 5	0 38	3 35	1 24	3 33	2 26	15 49	0 16	16 18	1 6	28 34	4 59	9 19	8 46	8 6		n.a.
S 11	22 54	3s21	1 8	16 7	2 48	24 16	0 48	11 20	0 38	3 33	1 25	3 35	2 27	15 50	0 16	16 18	1 6	28 34	4 59	9 19	8 45	8 10		n.a.
S 12	23 1	8 52	0 5	16 21	2 41	24 22	0 50	11 35	0 37	3 30	1 25	3 36	2 27	15 51	0 16	16 17	1 6	28 34	4 59	9 20	8 44	8 13		n.a.
M13	23 7	14 7	0s58	16 36	2 34	24 28	0 52	11 50	0 37	3 28	1 25	3 38	2 27	15 52	0 16	16 17	1 6	28 34	4 59	9 19	8 43	8 16		n.a.
T 14	23 12	18 53	1 59	16 53	2 26	24 33	0 54	12 5	0 36	3 26	1 25	3 39	2 27	15 53	0 16	16 16	1 6	28 35	4 59	9 18	8 41	8 20		n.a.
W15	23 18	22 58	2 56	17 12	2 18	24 37	0 56	12 20	0 36	3 24	1 26	3 41	2 27	15 54	0 16	16 16	1 6	28 35	5 0	9 16	8 40	8 23		n.a.
T 16	23 22	26 5	3 45	17 31	2 9	24 41	0 58	12 35	0 35	3 22	1 26	3 42	2 28	15 55	0 16	16 16	1 6	28 35	5 0	9 13	8 39	8 26		n.a.
F 17	23 27	27 58	4 24	17 52	2 0	24 43	1 0	12 49	0 35	3 20	1 26	3 44	2 28	15 56	0 16	16 15	1 6	28 35	5 0	9 9	8 38	8 30		n.a.
S 18	23 30	28 25	4 51	18 13	1 52	24 45	1 1	13 4	0 34	3 18	1 26	3 45	2 28	15 57	0 16	16 15	1 6	28 35	5 0	9 5	8 37	8 33		n.a.
S 19	23 34	27 19	5 3	18 35	1 43	24 47	1 3	13 18	0 33	3 17	1 27	3 46	2 28	15 58	0 16	16 14	1 6	28 35	5 0	9 1	8 35	8 36		n.a.
M20	23 37	24 40	4 59	18 57	1 34	24 47	1 5	13 33	0 33	3 15	1 27	3 48	2 28	15 59	0 16	16 14	1 6	28 36	5 0	8 57	8 34	8 40		n.a.
T 21	23 39	20 40	4 39	19 19	1 25	24 47	1 7	13 47	0 32	3 13	1 27	3 49	2 29	15 59	0 16	16 13	1 6	28 36	5 0	8 54	8 33	8 43		n.a.
W22	23 41	15 33	4 3	19 42	1 16	24 45	1 8	14 1	0 32	3 12	1 27	3 50	2 29	16 0	0 16	16 13	1 5	28 36	5 0	8 52	8 32	8 46		n.a.
T 23	23 42	9 35	3 13	20 4	1 7	24 44	1 10	14 15	0 31	3 10	1 28	3 52	2 29	16 1	0 16	16 12	1 5	28 36	5 0	8 51	8 31	8 50		n.a.
F 24	23 43	3 6	2 10	20 26	0 58	24 41	1 11	14 29	0 30	3 9	1 28	3 53	2 29	16 2	0 16	16 12	1 5	28 36	5 0	8 50	8 29	8 53		n.a.
S 25	23 44	3n37	0 59	20 47	0 49	24 37	1 13	14 43	0 30	3 7	1 28	3 54	2 30	16 3	0 16	16 11	1 5	28 36	5 1	8 51	8 28	8 56		n.a.
S 26	23 44	10 13	0n16	21 9	0 40	24 33	1 14	14 56	0 29	3 6	1 29	3 55	2 30	16 4	0 16	16 11	1 5	28 37	5 1	8 51	8 27	9 0		n.a.
M27	23 43	16 22	1 31	21 30	0 32	24 28	1 15	15 10	0 28	3 5	1 29	3 56	2 30	16 5	0 16	16 10	1 5	28 37	5 1	8 50	8 26	9 3		n.a.
T 28	23 42	21 39	2 40	21 50	0 23	24 23	1 17	15 24	0 28	3 4	1 29	3 57	2 30	16 5	0 16	16 10	1 5	28 37	5 1	8 49	8 25	9 6		n.a.
W29	23 41	25 37	3 39	22 9	0 15	24 16	1 18	15 37	0 27	3 3	1 29	3 58	2 30	16 6	0 16	16 9	1 5	28 37	5 1	8 46	8 23	9 10		n.a.
T 30	23 39	27 56	4 24	22 28	0 7	24 9	1 19	15 50	0 26	3 1	1 30	3 59	2 31	16 7	0 16	16 8	1 5	28 37	5 1	8 43	8 22	9 13		n.a.
F 31	23s37	28n23	4n51	22s47	0s 1	24s 1	1s20	16s 3	0n26	3n 1	1n30	4s 0	2n31	16s 8	0n16	16s 8	1s 5	28n37	5n 1	8n39	8n21	9s16		n.a.

Julian Day Number = 1617295.5, Delta T = 03h49m39s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'25, Lahiri = - 7°53'25 Julian Calendar 1 Dec. 286 BCE == Greg. Calendar 27 Nov. 286 BCE

The year -285 astronomical counting style corresponds to year 286 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

JANUARY 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 22 3	6♉35'17	21♋ 3	15♐20	17♉50	15♏28	25♍59	15♎55	14♏32	19♒42	5°R38	21°R44	21♈ 6	23♎16	n.a.	S 1
S 2	6 25 59	7°36'11	4♌36	16°44	19° 5	16°10	26° 1	15°58	14°35	19°44	5♋37	21♈31	21° 3	23°22	n.a.	S 2
M 3	6 29 56	8°37'03	17°46	18° 9	20°21	16°52	26° 4	16° 0	14°37	19°45	5°35	21°21	21° 0	23°29	n.a.	M 3
T 4	6 33 52	9°37'55	0♍33	19°34	21°36	17°34	26° 6	16° 3	14°40	19°47	5°34	21°13	20°56	23°36	n.a.	T 4
W 5	6 37 49	10°38'45	12°59	21° 1	22°51	18°15	26° 8	16° 6	14°42	19°49	5°32	21° 7	20°53	23°42	n.a.	W 5
T 6	6 41 46	11°39'35	25° 8	22°28	24° 6	18°57	26°10	16° 8	14°45	19°51	5°31	21° 4	20°50	23°49	n.a.	T 6
F 7	6 45 42	12°40'23	7♎ 4	23°57	25°21	19°39	26°12	16°10	14°47	19°53	5°30	21° 3	20°47	23°56	n.a.	F 7
S 8	6 49 39	13°41'10	18°53	25°26	26°36	20°21	26°13	16°12	14°49	19°55	5°28	21° 3	20°44	24° 2	n.a.	S 8
S 9	6 53 35	14°41'56	0♏40	26°56	27°51	21° 3	26°15	16°14	14°52	19°57	5°27	21° 3	20°40	24° 9	n.a.	S 9
M10	6 57 32	15°42'41	12°32	28°27	29° 5	21°45	26°16	16°16	14°54	19°59	5°26	21° 1	20°37	24°16	n.a.	M10
T 11	7 1 28	16°43'24	24°32	29°59	0♒20	22°27	26°17	16°18	14°56	20° 1	5°24	20°58	20°34	24°22	n.a.	T 11
W12	7 5 25	17°44'07	6♐46	1♉32	1°35	23° 9	26°17	16°20	14°58	20° 3	5°23	20°51	20°31	24°29	n.a.	W12
T 13	7 9 21	18°44'48	19°16	3° 5	2°50	23°52	26°18	16°22	15° 1	20° 5	5°22	20°42	20°28	24°35	n.a.	T 13
F 14	7 13 18	19°45'27	2♉ 4	4°39	4° 5	24°34	26°18	16°24	15° 3	20° 7	5°20	20°30	20°25	24°42	n.a.	F 14
S 15	7 17 15	20°46'05	15°11	6°15	5°20	25°16	26°R19	16°25	15° 5	20° 9	5°19	20°17	20°21	24°49	n.a.	S 15
S 16	7 21 11	21°46'42	28°36	7°51	6°35	25°58	26°19	16°26	15° 7	20°11	5°18	20° 3	20°18	24°55	n.a.	S 16
M17	7 25 8	22°47'17	12♒14	9°28	7°50	26°40	26°18	16°28	15° 9	20°13	5°16	19°51	20°15	25° 2	n.a.	M17
T 18	7 29 4	23°47'50	26° 5	11° 6	9° 4	27°22	26°18	16°29	15°11	20°15	5°15	19°40	20°12	25° 9	n.a.	T 18
W19	7 33 1	24°48'21	10♓ 2	12°44	10°19	28° 4	26°17	16°30	15°12	20°17	5°14	19°33	20° 9	25°15	n.a.	W19
T 20	7 36 57	25°48'50	24° 4	14°24	11°34	28°47	26°17	16°31	15°14	20°19	5°12	19°29	20° 5	25°22	n.a.	T 20
F 21	7 40 54	26°49'17	8♈ 9	16° 5	12°49	29°29	26°16	16°32	15°16	20°21	5°11	19°27	20° 2	25°29	n.a.	F 21
S 22	7 44 50	27°49'42	22°14	17°46	14° 3	0♗11	26°15	16°33	15°18	20°23	5°10	19°27	19°59	25°35	n.a.	S 22
S 23	7 48 47	28°50'04	6♉19	19°29	15°18	0°53	26°13	16°33	15°19	20°25	5° 9	19°27	19°56	25°42	n.a.	S 23
M24	7 52 44	29°50'25	20°23	21°12	16°33	1°36	26°12	16°34	15°21	20°27	5° 7	19°25	19°53	25°49	n.a.	M24
T 25	7 56 40	0♒50'44	4♊25	22°56	17°47	2°18	26°10	16°34	15°22	20°30	5° 6	19°22	19°50	25°55	n.a.	T 25
W26	8 0 37	1°51'01	18°24	24°42	19° 2	3° 0	26° 8	16°35	15°24	20°32	5° 5	19°15	19°46	26° 2	n.a.	W26
T 27	8 4 33	2°51'15	2♋17	26°28	20°16	3°42	26° 6	16°35	15°25	20°34	5° 4	19° 6	19°43	26° 9	n.a.	T 27
F 28	8 8 30	3°51'28	16° 1	28°16	21°31	4°25	26° 4	16°35	15°27	20°36	5° 3	18°55	19°40	26°15	n.a.	F 28
S 29	8 12 26	4°51'38	29°31	0♒ 4	22°45	5° 7	26° 1	16°R35	15°28	20°38	5° 1	18°43	19°37	26°22	n.a.	S 29
S 30	8 16 23	5°51'47	12♌47	1°53	24° 0	5°49	25°59	16°35	15°30	20°41	5° 0	18°30	19°34	26°28	n.a.	S 30
M31	8 20 19	6♒51'53	25♌44	3♒44	25♒14	6♐32	25♍56	16♎35	15♏31	20♒43	4♋59	18♈19	19♈31	26♎35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s34	27n 1	5n 1	23s 4	0s 9	23s52	1s21	16s16	0n25	3n 0	1n30	4s 1	2n31	16s 9	0n16	16s 7	1s 5	28n37	5n 1	8n34	8n20	9s20		n.a.
S 2	23 31	24 5	4 54	23 20	0 17	23 43	1 22	16 29	0 24	2 59	1 31	4 2	2 31	16 9	0 16	16 7	1 5	28 38	5 1	8 29	8 19	9 23		n.a.
M 3	23 27	19 58	4 30	23 36	0 24	23 32	1 23	16 42	0 24	2 58	1 31	4 3	2 32	16 10	0 16	16 6	1 5	28 38	5 1	8 25	8 17	9 26		n.a.
T 4	23 23	15 3	3 54	23 50	0 31	23 22	1 24	16 55	0 23	2 58	1 31	4 3	2 32	16 11	0 16	16 5	1 5	28 38	5 1	8 22	8 16	9 29		n.a.
W 5	23 18	9 38	3 7	24 4	0 39	23 10	1 25	17 7	0 22	2 57	1 31	4 4	2 32	16 12	0 16	16 5	1 5	28 38	5 1	8 20	8 15	9 33		n.a.
T 6	23 13	3 59	2 13	24 16	0 45	22 58	1 26	17 20	0 22	2 56	1 32	4 5	2 32	16 12	0 16	16 4	1 5	28 38	5 1	8 19	8 14	9 36		n.a.
F 7	23 7	1s43	1 13	24 27	0 52	22 45	1 26	17 32	0 21	2 56	1 32	4 5	2 33	16 13	0 16	16 4	1 5	28 38	5 2	8 19	8 13	9 39		n.a.
S 8	23 1	7 18	0 12	24 37	0 58	22 31	1 27	17 44	0 20	2 56	1 32	4 6	2 33	16 14	0 16	16 3	1 5	28 38	5 2	8 19	8 11	9 43		n.a.
S 9	22 55	12 38	0s51	24 46	1 4	22 17	1 28	17 56	0 19	2 55	1 33	4 7	2 33	16 14	0 16	16 2	1 5	28 38	5 2	8 19	8 10	9 46		n.a.
M10	22 48	17 33	1 51	24 54	1 10	22 2	1 28	18 8	0 19	2 55	1 33	4 7	2 33	16 15	0 16	16 2	1 5	28 39	5 2	8 18	8 9	9 49		n.a.
T 11	22 40	21 50	2 47	25 0	1 16	21 46	1 29	18 19	0 18	2 55	1 33	4 8	2 34	16 16	0 16	16 1	1 5	28 39	5 2	8 17	8 8	9 53		n.a.
W12	22 32	25 16	3 37	25 5	1 21	21 30	1 29	18 31	0 17	2 55	1 33	4 8	2 34	16 16	0 16	16 0	1 5	28 39	5 2	8 14	8 6	9 56		n.a.
T 13	22 24	27 33	4 17	25 8	1 26	21 13	1 29	18 42	0 16	2 55	1 34	4 9	2 34	16 17	0 16	16 0	1 5	28 39	5 2	8 11	8 5	9 59		n.a.
F 14	22 15	28 28	4 45	25 10	1 31	20 55	1 30	18 53	0 16	2 55	1 34	4 9	2 34	16 18	0 16	15 59	1 5	28 39	5 2	8 6	8 4	10 2		n.a.
S 15	22 6	27 48	4 59	25 11	1 36	20 37	1 30	19 4	0 15	2 55	1 34	4 9	2 35	16 18	0 16	15 59	1 5	28 39	5 2	8 1	8 3	10 6		n.a.
S 16	21 57	25 32	4 57	25 10	1 40	20 18	1 30	19 15	0 14	2 56	1 35	4 10	2 35	16 19	0 16	15 58	1 5	28 39	5 2	7 56	8 2	10 9		n.a.
M17	21 47	21 46	4 38	25 7	1 44	19 59	1 30	19 26	0 13	2 56	1 35	4 10	2 35	16 19	0 16	15 57	1 5	28 39	5 2	7 51	8 0	10 12		n.a.
T 18	21 36	16 46	4 2	25 3	1 47	19 39	1 30	19 37	0 12	2 56	1 35	4 10	2 35	16 20	0 16	15 57	1 5	28 39	5 2	7 47	7 59	10 16		n.a.
W19	21 26	10 51	3 12	24 57	1 51	19 19	1 30	19 47	0 11	2 57	1 35	4 10	2 36	16 21	0 16	15 56	1 5	28 39	5 2	7 44	7 58	10 19		n.a.
T 20	21 14	4 22	2 10	24 49	1 53	18 58	1 30	19 57	0 11	2 57	1 36	4 10	2 36	16 21	0 16	15 55	1 5	28 39	5 2	7 43	7 57	10 22		n.a.
F 21	21 3	2n22	0 59	24 40	1 56	18 36	1 29	20 8	0 10	2 58	1 36	4 11	2 36	16 22	0 16	15 54	1 5	28 40	5 2	7 42	7 56	10 25		n.a.
S 22	20 51	8 59	0n15	24 29	1 58	18 14	1 29	20 17	0 9	2 59	1 36	4 11	2 36	16 22	0 16	15 54	1 5	28 40	5 2	7 42	7 54	10 29		n.a.
S 23	20 39	15 10	1 28	24 17	2 0	17 51	1 29	20 27	0 8	3 0	1 36	4 11	2 37	16 23	0 16	15 53	1 5	28 40	5 2	7 42	7 53	10 32		n.a.
M24	20 26	20 34	2 36	24 2	2 1	17 28	1 28	20 37	0 7	3 0	1 37	4 11	2 37	16 23	0 16	15 52	1 5	28 40	5 2	7 41	7 52	10 35		n.a.
T 25	20 13	24 47	3 34	23 46	2 2	17 5	1 28	20 46	0 6	3 1	1 37	4 11	2 37	16 24	0 16	15 52	1 5	28 40	5 2	7 40	7 51	10 38		n.a.
W26	19 59	27 31	4 19	23 28	2 3	16 41	1 27	20 55	0 6	3 2	1 37	4 11	2 37	16 24	0 16	15 51	1 5	28 40	5 2	7 38	7 50	10 42		n.a.
T 27	19 46	28 31	4 48	23 8	2 3	16 17	1 27	21 4	0 5	3 3	1 38	4 10	2 38	16 24	0 16	15 50	1 5	28 40	5 2	7 34	7 48	10 45		n.a.
F 28	19 31	27 44	5 1	22 46	2 3	15 52	1 26	21 13	0 4	3 5	1 38	4 10	2 38	16 25	0 16	15 50	1 5	28 40	5 2	7 30	7 47	10 48		n.a.
S 29	19 17	25 19	4 56	22 22	2 2	15 26	1 25	21 22	0 3	3 6	1 38	4 10	2 38	16 25	0 16	15 49	1 5	28 40	5 2	7 25	7 46	10 52		n.a.
S 30	19 2	21 34	4 35	21 56	2 0	15 1	1 25	21 31	0 2	3 7	1 38	4 10	2 38	16 26	0 16	15 48	1 5	28 40	5 2	7 20	7 45	10 55		n.a.
M31	18s47	16n51	4n 0	21s28	1s59	14s35	1s24	21s39	0n 1	3n 8	1n39	4s10	2n39	16s26	0n16	15s47	1s 5	28n40	5n 2	7n16	7n43	10s58		n.a.

Julian Day Number = 1617326.5, Delta T = 03h49m38s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'21, Lahiri = - 7°53'20 Julian Calendar 1 Jan. 285 BCE == Greg. Calendar 28 Dec. 286 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

FEBRUARY 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 24 16	7♒51'58	8♍24	5♒35	26♒29	7♐14	25°R53	16°R35	15♏32	20♒45	4°R58	18°R11	19♈27	26♎42	n.a.	T 1
W 2	8 28 13	8°52'01	20°46	7°28	27°43	7°57	25♍50	16♎35	15°33	20°47	4♋57	18♈ 5	19°24	26°48	n.a.	W 2
T 3	8 32 9	9°52'02	2♎54	9°21	28°57	8°39	25°46	16°34	15°34	20°49	4°56	18° 1	19°21	26°55	n.a.	T 3
F 4	8 36 6	10°52'01	14°50	11°16	0♓12	9°22	25°43	16°34	15°35	20°52	4°55	18°D 0	19°18	27° 2	n.a.	F 4
S 5	8 40 2	11°51'58	26°40	13°11	1°26	10° 4	25°39	16°33	15°36	20°54	4°54	18° 0	19°15	27° 8	n.a.	S 5
S 6	8 43 59	12°51'54	8♏28	15° 7	2°40	10°47	25°35	16°32	15°37	20°56	4°53	18°R 1	19°11	27°15	n.a.	S 6
M 7	8 47 55	13°51'48	20°20	17° 4	3°54	11°29	25°31	16°32	15°38	20°58	4°52	18° 1	19° 8	27°22	n.a.	M 7
T 8	8 51 52	14°51'40	2♐21	19° 1	5° 9	12°12	25°27	16°31	15°39	21° 1	4°51	17°59	19° 5	27°28	n.a.	T 8
W 9	8 55 48	15°51'31	14°36	20°59	6°23	12°54	25°23	16°30	15°40	21° 3	4°50	17°55	19° 2	27°35	n.a.	W 9
T 10	8 59 45	16°51'19	27°11	22°57	7°37	13°37	25°18	16°29	15°41	21° 5	4°49	17°49	18°59	27°42	n.a.	T 10
F 11	9 3 42	17°51'06	10♑ 6	24°55	8°51	14°19	25°14	16°27	15°41	21° 8	4°48	17°40	18°56	27°48	n.a.	F 11
S 12	9 7 38	18°50'51	23°25	26°54	10° 5	15° 2	25° 9	16°26	15°42	21°10	4°47	17°31	18°52	27°55	n.a.	S 12
S 13	9 11 35	19°50'34	7♒ 6	28°51	11°19	15°44	25° 4	16°25	15°42	21°12	4°46	17°21	18°49	28° 2	n.a.	S 13
M14	9 15 31	20°50'15	21° 7	0♓49	12°33	16°27	24°59	16°23	15°43	21°14	4°45	17°11	18°46	28° 8	n.a.	M14
T 15	9 19 28	21°49'53	5♓22	2°45	13°47	17°10	24°53	16°22	15°43	21°17	4°44	17° 4	18°43	28°15	n.a.	T 15
W16	9 23 24	22°49'29	19°47	4°40	15° 1	17°52	24°48	16°20	15°44	21°19	4°43	16°58	18°40	28°21	n.a.	W16
T 17	9 27 21	23°49'03	4♈15	6°34	16°15	18°35	24°42	16°18	15°44	21°21	4°42	16°55	18°37	28°28	n.a.	T 17
F 18	9 31 17	24°48'35	18°41	8°25	17°29	19°17	24°37	16°16	15°45	21°23	4°41	16°D55	18°33	28°35	n.a.	F 18
S 19	9 35 14	25°48'05	3♉ 2	10°14	18°42	20° 0	24°31	16°14	15°45	21°26	4°41	16°55	18°30	28°41	n.a.	S 19
S 20	9 39 10	26°47'31	17°14	12° 0	19°56	20°43	24°25	16°12	15°45	21°28	4°40	16°56	18°27	28°48	n.a.	S 20
M21	9 43 7	27°46'56	1♊17	13°42	21°10	21°25	24°19	16°10	15°45	21°30	4°39	16°R57	18°24	28°55	n.a.	M21
T 22	9 47 4	28°46'18	15° 9	15°21	22°24	22° 8	24°12	16° 8	15°45	21°33	4°38	16°55	18°21	29° 1	n.a.	T 22
W23	9 51 0	29°45'38	28°51	16°55	23°37	22°50	24° 6	16° 6	15°R45	21°35	4°38	16°52	18°17	29° 8	n.a.	W23
T 24	9 54 57	0♓44'55	12♋21	18°24	24°51	23°33	24° 0	16° 3	15°45	21°37	4°37	16°47	18°14	29°15	n.a.	T 24
F 25	9 58 53	1°44'10	25°39	19°49	26° 4	24°16	23°53	16° 1	15°45	21°39	4°36	16°40	18°11	29°21	n.a.	F 25
S 26	10 2 50	2°43'23	8♌45	21° 8	27°18	24°58	23°47	15°58	15°45	21°42	4°36	16°32	18° 8	29°28	n.a.	S 26
S 27	10 6 46	3°42'33	21°37	22°21	28°31	25°41	23°40	15°55	15°45	21°44	4°35	16°24	18° 5	29°35	n.a.	S 27
M28	10 10 43	4°41'41	4♍16	23°28	29°45	26°24	23°33	15°53	15°45	21°46	4°35	16°18	18° 2	29°41	n.a.	M28
T 29	10 14 39	5♓40'47	16♍42	24♓29	0♈58	27♐ 6	23♍26	15♎50	15♏45	21♒48	4♋34	16♈12	17♈58	29♎48	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s32	11n31	3n14	20s59	1s56	14s 8	1s23	21s47	0n 0	3n10	1n39	4s 9	2n39	16s26	0n16	15s47	1s 5	28n40	5n 2	7n13	7n42	11s 1		n.a.
W 2	18 16	5 50	2 20	20 27	1 53	13 41	1 22	21 55	0s 1	3 11	1 39	4 9	2 39	16 27	0 16	15 46	1 5	28 40	5 2	7 10	7 41	11 5		n.a.
T 3	18 0	0 3	1 20	19 54	1 50	13 14	1 21	22 3	0 2	3 13	1 39	4 9	2 39	16 27	0 16	15 45	1 5	28 40	5 2	7 9	7 40	11 8		n.a.
F 4	17 43	5s39	0 17	19 18	1 46	12 47	1 19	22 10	0 3	3 15	1 40	4 8	2 40	16 27	0 16	15 45	1 5	28 40	5 2	7 9	7 39	11 11		n.a.
S 5	17 26	11 7	0s46	18 41	1 41	12 19	1 18	22 18	0 4	3 16	1 40	4 8	2 40	16 28	0 16	15 44	1 5	28 40	5 2	7 9	7 37	11 14		n.a.
S 6	17 9	16 11	1 47	18 2	1 36	11 51	1 17	22 25	0 5	3 18	1 40	4 7	2 40	16 28	0 16	15 43	1 5	28 40	5 2	7 9	7 36	11 18		n.a.
M 7	16 52	20 40	2 44	17 21	1 30	11 22	1 16	22 32	0 6	3 20	1 40	4 7	2 40	16 28	0 16	15 42	1 5	28 40	5 2	7 9	7 35	11 21		n.a.
T 8	16 35	24 22	3 34	16 38	1 24	10 53	1 14	22 38	0 7	3 22	1 41	4 6	2 41	16 28	0 16	15 42	1 5	28 40	5 2	7 8	7 34	11 24		n.a.
W 9	16 17	27 3	4 15	15 54	1 17	10 24	1 13	22 45	0 8	3 24	1 41	4 5	2 41	16 29	0 16	15 41	1 5	28 40	5 2	7 7	7 32	11 27		n.a.
T 10	15 59	28 27	4 45	15 7	1 9	9 55	1 11	22 51	0 9	3 26	1 41	4 5	2 41	16 29	0 16	15 40	1 5	28 40	5 2	7 4	7 31	11 30		n.a.
F 11	15 40	28 22	5 2	14 20	1 1	9 26	1 10	22 57	0 10	3 28	1 41	4 4	2 41	16 29	0 16	15 39	1 5	28 41	5 2	7 1	7 30	11 34		n.a.
S 12	15 21	26 39	5 3	13 31	0 52	8 56	1 8	23 3	0 11	3 30	1 41	4 3	2 42	16 29	0 16	15 39	1 5	28 41	5 2	6 57	7 29	11 37		n.a.
S 13	15 3	23 20	4 47	12 41	0 43	8 26	1 6	23 9	0 12	3 32	1 42	4 3	2 42	16 29	0 16	15 38	1 5	28 41	5 2	6 53	7 28	11 40		n.a.
M14	14 43	18 38	4 13	11 50	0 33	7 55	1 5	23 15	0 13	3 34	1 42	4 2	2 42	16 29	0 16	15 37	1 5	28 41	5 2	6 50	7 26	11 43		n.a.
T 15	14 24	12 48	3 24	10 58	0 22	7 25	1 3	23 20	0 14	3 37	1 42	4 1	2 42	16 30	0 16	15 37	1 5	28 41	5 2	6 47	7 25	11 47		n.a.
W16	14 5	6 14	2 20	10 5	0 11	6 54	1 1	23 25	0 15	3 39	1 42	4 0	2 43	16 30	0 16	15 36	1 5	28 41	5 2	6 45	7 24	11 50		n.a.
T 17	13 45	0n41	1 8	9 12	0n 0	6 24	0 59	23 30	0 16	3 41	1 42	3 59	2 43	16 30	0 16	15 35	1 5	28 41	5 2	6 44	7 23	11 53		n.a.
F 18	13 25	7 33	0n10	8 19	0 12	5 53	0 57	23 35	0 17	3 44	1 43	3 58	2 43	16 30	0 16	15 34	1 5	28 41	5 2	6 43	7 22	11 56		n.a.
S 19	13 4	14 1	1 26	7 27	0 25	5 22	0 55	23 39	0 18	3 46	1 43	3 57	2 43	16 30	0 16	15 34	1 5	28 41	5 2	6 44	7 20	11 59		n.a.
S 20	12 44	19 40	2 36	6 34	0 37	4 51	0 53	23 43	0 19	3 49	1 43	3 56	2 43	16 30	0 16	15 33	1 5	28 41	5 2	6 44	7 19	12 3		n.a.
M21	12 23	24 11	3 36	5 43	0 50	4 19	0 51	23 47	0 20	3 52	1 43	3 55	2 44	16 30	0 16	15 32	1 5	28 41	5 2	6 44	7 18	12 6		n.a.
T 22	12 3	27 14	4 22	4 53	1 3	3 48	0 49	23 51	0 21	3 54	1 43	3 54	2 44	16 30	0 16	15 31	1 5	28 41	5 2	6 44	7 17	12 9		n.a.
W23	11 42	28 37	4 53	4 4	1 16	3 16	0 46	23 55	0 23	3 57	1 43	3 53	2 44	16 30	0 16	15 31	1 5	28 41	5 2	6 42	7 15	12 12		n.a.
T 24	11 20	28 15	5 7	3 17	1 29	2 45	0 44	23 58	0 24	4 0	1 44	3 52	2 44	16 30	0 16	15 30	1 5	28 41	5 2	6 40	7 14	12 16		n.a.
F 25	10 59	26 15	5 4	2 32	1 41	2 13	0 42	24 1	0 25	4 2	1 44	3 51	2 44	16 30	0 16	15 29	1 5	28 40	5 2	6 38	7 13	12 19		n.a.
S 26	10 38	22 53	4 46	1 49	1 54	1 41	0 39	24 4	0 26	4 5	1 44	3 50	2 45	16 30	0 16	15 29	1 5	28 40	5 2	6 35	7 12	12 22		n.a.
S 27	10 16	18 27	4 12	1 9	2 6	1 10	0 37	24 7	0 27	4 8	1 44	3 49	2 45	16 30	0 16	15 28	1 5	28 40	5 2	6 32	7 10	12 25		n.a.
M28	9 54	13 16	3 27	0 32	2 17	0 38	0 34	24 9	0 28	4 11	1 44	3 47	2 45	16 30	0 16	15 27	1 5	28 40	5 2	6 29	7 9	12 28		n.a.
T 29	9s32	7n39	2n33	0n 3	2n28	0s 6	0s32	24s11	0s29	4n14	1n44	3s46	2n45	16s30	0n16	15s26	1s 5	28n40	5n 1	6n27	7n 8	12s31		n.a.

Julian Day Number = 1617357.5, Delta T = 03h49m37s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'17, Lahiri = - 7°53'16 Julian Calendar 1 Feb. 285 BCE == Greg. Calendar 28 Jan. 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

MARCH 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 18 36	6♓39'50	28♍55	25♓23	2♈11	27♐49	23°R19	15°R47	15°R44	21♒50	4°R33	16°R 9	17♈55	29♎55	n.a.	W 1
T 2	10 22 33	7°38'52	10♎57	26°11	3°25	28°32	23♍12	15♎44	15♏44	21°53	4♋33	16°D 7	17°52	0♏ 1	n.a.	T 2
F 3	10 26 29	8°37'52	22°50	26°52	4°38	29°14	23° 5	15°41	15°43	21°55	4°32	16♈ 7	17°49	0° 8	n.a.	F 3
S 4	10 30 26	9°36'49	4♏39	27°26	5°51	29°57	22°58	15°38	15°43	21°57	4°32	16° 8	17°46	0°14	n.a.	S 4
S 5	10 34 22	10°35'45	16°27	27°53	7° 4	0♉40	22°50	15°35	15°42	21°59	4°32	16°10	17°43	0°21	n.a.	S 5
M 6	10 38 19	11°34'39	28°19	28°13	8°17	1°23	22°43	15°31	15°42	22° 1	4°31	16°12	17°39	0°28	n.a.	M 6
T 7	10 42 15	12°33'32	10♐20	28°26	9°30	2° 5	22°35	15°28	15°41	22° 4	4°31	16°R13	17°36	0°34	n.a.	T 7
W 8	10 46 12	13°32'22	22°35	28°R32	10°43	2°48	22°28	15°25	15°41	22° 6	4°30	16°12	17°33	0°41	n.a.	W 8
T 9	10 50 8	14°31'11	5♉ 8	28°32	11°56	3°31	22°20	15°21	15°40	22° 8	4°30	16°10	17°30	0°48	n.a.	T 9
F 10	10 54 5	15°29'57	18° 4	28°25	13° 9	4°13	22°13	15°18	15°39	22°10	4°30	16° 7	17°27	0°54	n.a.	F 10
S 11	10 58 2	16°28'42	1♒24	28°12	14°22	4°56	22° 5	15°14	15°38	22°12	4°29	16° 3	17°23	1° 1	n.a.	S 11
S 12	11 1 58	17°27'25	15°11	27°53	15°35	5°39	21°58	15°10	15°37	22°14	4°29	15°59	17°20	1° 8	n.a.	S 12
M13	11 5 55	18°26'06	29°22	27°29	16°47	6°21	21°50	15° 7	15°36	22°16	4°29	15°55	17°17	1°14	n.a.	M13
T 14	11 9 51	19°24'45	13♓53	27° 0	18° 0	7° 4	21°42	15° 3	15°35	22°18	4°29	15°51	17°14	1°21	n.a.	T 14
W15	11 13 48	20°23'23	28°38	26°27	19°13	7°47	21°35	14°59	15°34	22°20	4°29	15°49	17°11	1°28	n.a.	W15
T 16	11 17 44	21°21'57	13♈30	25°51	20°25	8°29	21°27	14°55	15°33	22°22	4°28	15°D49	17° 8	1°34	n.a.	T 16
F 17	11 21 41	22°20'30	28°21	25°12	21°38	9°12	21°19	14°51	15°32	22°25	4°28	15°49	17° 4	1°41	n.a.	F 17
S 18	11 25 37	23°19'01	13♉ 5	24°30	22°50	9°54	21°12	14°47	15°31	22°27	4°28	15°50	17° 1	1°48	n.a.	S 18
S 19	11 29 34	24°17'29	27°35	23°48	24° 3	10°37	21° 4	14°43	15°30	22°29	4°28	15°51	16°58	1°54	n.a.	S 19
M20	11 33 30	25°15'56	11♊48	23° 5	25°15	11°20	20°56	14°39	15°29	22°31	4°28	15°52	16°55	2° 1	n.a.	M20
T 21	11 37 27	26°14'20	25°43	22°23	26°27	12° 2	20°49	14°35	15°27	22°32	4°D28	15°R53	16°52	2° 8	n.a.	T 21
W22	11 41 24	27°12'42	9♋19	21°42	27°40	12°45	20°41	14°31	15°26	22°34	4°28	15°52	16°49	2°14	n.a.	W22
T 23	11 45 20	28°11'01	22°37	21° 2	28°52	13°27	20°33	14°27	15°25	22°36	4°28	15°51	16°45	2°21	n.a.	T 23
F 24	11 49 17	29° 9'19	5♌38	20°25	0♉ 4	14°10	20°26	14°23	15°23	22°38	4°28	15°49	16°42	2°27	n.a.	F 24
S 25	11 53 13	0♈ 7'34	18°25	19°52	1°16	14°52	20°18	14°19	15°22	22°40	4°28	15°47	16°39	2°34	n.a.	S 25
S 26	11 57 10	1° 5'47	0♍57	19°21	2°28	15°35	20°11	14°14	15°20	22°42	4°28	15°45	16°36	2°41	n.a.	S 26
M27	12 1 6	2° 3'58	13°18	18°55	3°40	16°17	20° 3	14°10	15°19	22°44	4°28	15°43	16°33	2°47	n.a.	M27
T 28	12 5 3	3° 2'07	25°28	18°33	4°52	16°59	19°56	14° 6	15°17	22°46	4°29	15°42	16°29	2°54	n.a.	T 28
W29	12 8 59	4° 0'14	7♎30	18°15	6° 4	17°42	19°49	14° 1	15°16	22°48	4°29	15°41	16°26	3° 1	n.a.	W29
T 30	12 12 56	4°58'19	19°25	18° 2	7°15	18°24	19°42	13°57	15°14	22°49	4°29	15°D41	16°23	3° 7	n.a.	T 30
F 31	12 16 53	5♈56'23	1♏15	17♓54	8♉27	19♉ 7	19♍34	13♎53	15♏12	22♒51	4♋29	15♈41	16♈20	3♏14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	9s10	1n51	1n32	0n34	2n38	0n26	0s29	24s13	0s31	4n17	1n44	3s45	2n45	16s30	0n16	15s26	1s 5	28n40	5n 1	6n26	7n 7	12s35			n.a.
T 2	8 48	3s57	0 28	1 2	2 48	0 58	0 27	24 15	0 32	4 20	1 44	3 43	2 46	16 30	0 16	15 25	1 5	28 40	5 1	6 25	7 6	12 38			n.a.
F 3	8 26	9 33	0s37	1 26	2 57	1 30	0 24	24 17	0 33	4 23	1 44	3 42	2 46	16 29	0 16	15 24	1 5	28 40	5 1	6 25	7 4	12 41			n.a.
S 4	8 4	14 47	1 39	1 47	3 4	2 1	0 22	24 18	0 34	4 26	1 45	3 41	2 46	16 29	0 16	15 24	1 5	28 40	5 1	6 25	7 3	12 44			n.a.
S 5	7 41	19 29	2 38	2 4	3 11	2 33	0 19	24 19	0 35	4 29	1 45	3 39	2 46	16 29	0 16	15 23	1 5	28 40	5 1	6 26	7 2	12 47			n.a.
M 6	7 18	23 27	3 30	2 17	3 16	3 5	0 16	24 20	0 37	4 32	1 45	3 38	2 46	16 29	0 16	15 22	1 5	28 40	5 1	6 27	7 1	12 51			n.a.
T 7	6 56	26 27	4 14	2 26	3 21	3 36	0 13	24 21	0 38	4 35	1 45	3 36	2 46	16 29	0 16	15 21	1 5	28 40	5 1	6 27	6 59	12 54			n.a.
W 8	6 33	28 18	4 47	2 31	3 24	4 8	0 11	24 21	0 39	4 38	1 45	3 35	2 47	16 29	0 16	15 21	1 6	28 40	5 1	6 27	6 58	12 57			n.a.
T 9	6 10	28 45	5 7	2 32	3 25	4 39	0 8	24 22	0 40	4 41	1 45	3 34	2 47	16 28	0 16	15 20	1 6	28 40	5 1	6 26	6 57	13 0			n.a.
F 10	5 47	27 40	5 13	2 30	3 25	5 11	0 5	24 22	0 42	4 44	1 45	3 32	2 47	16 28	0 16	15 19	1 6	28 40	5 1	6 25	6 56	13 3			n.a.
S 11	5 24	25 0	5 2	2 23	3 24	5 42	0 2	24 21	0 43	4 47	1 45	3 31	2 47	16 28	0 16	15 19	1 6	28 40	5 1	6 23	6 55	13 6			n.a.
S 12	5 1	20 50	4 34	2 13	3 21	6 13	0n 1	24 21	0 44	4 50	1 45	3 29	2 47	16 28	0 16	15 18	1 6	28 40	5 1	6 22	6 53	13 10			n.a.
M13	4 38	15 23	3 48	1 59	3 17	6 44	0 4	24 20	0 46	4 53	1 45	3 27	2 47	16 27	0 16	15 17	1 6	28 40	5 1	6 20	6 52	13 13			n.a.
T 14	4 14	8 58	2 47	1 42	3 11	7 15	0 7	24 19	0 47	4 56	1 45	3 26	2 47	16 27	0 16	15 17	1 6	28 40	5 1	6 19	6 51	13 16			n.a.
W15	3 51	1 58	1 33	1 22	3 3	7 45	0 9	24 18	0 48	4 59	1 45	3 24	2 47	16 27	0 16	15 16	1 6	28 40	5 1	6 18	6 50	13 19			n.a.
T 16	3 28	5n12	0 13	0 59	2 54	8 16	0 12	24 17	0 49	5 2	1 45	3 23	2 48	16 27	0 16	15 15	1 6	28 40	5 1	6 18	6 48	13 22			n.a.
F 17	3 4	12 5	1n 9	0 34	2 44	8 46	0 15	24 15	0 51	5 5	1 45	3 21	2 48	16 26	0 16	15 15	1 6	28 40	5 1	6 18	6 47	13 25			n.a.
S 18	2 41	18 15	2 25	0 7	2 32	9 16	0 18	24 13	0 52	5 8	1 45	3 19	2 48	16 26	0 16	15 14	1 6	28 40	5 0	6 18	6 46	13 28			n.a.
S 19	2 18	23 16	3 30	0s22	2 19	9 46	0 21	24 11	0 53	5 11	1 45	3 18	2 48	16 25	0 16	15 14	1 6	28 40	5 0	6 19	6 45	13 32			n.a.
M20	1 54	26 48	4 22	0 52	2 5	10 16	0 24	24 9	0 55	5 14	1 45	3 16	2 48	16 25	0 16	15 13	1 6	28 40	5 0	6 19	6 43	13 35			n.a.
T 21	1 31	28 36	4 56	1 22	1 50	10 45	0 27	24 7	0 56	5 17	1 45	3 14	2 48	16 25	0 16	15 12	1 6	28 39	5 0	6 19	6 42	13 38			n.a.
W22	1 7	28 37	5 14	1 53	1 35	11 14	0 30	24 4	0 58	5 20	1 45	3 13	2 48	16 24	0 16	15 12	1 6	28 39	5 0	6 19	6 41	13 41			n.a.
T 23	0 44	26 57	5 13	2 23	1 19	11 43	0 33	24 1	0 59	5 23	1 45	3 11	2 48	16 24	0 16	15 11	1 6	28 39	5 0	6 19	6 40	13 44			n.a.
F 24	0 20	23 53	4 57	2 53	1 3	12 12	0 36	23 58	1 0	5 26	1 45	3 9	2 48	16 24	0 16	15 10	1 6	28 39	5 0	6 18	6 39	13 47			n.a.
S 25	0n 3	19 42	4 26	3 22	0 46	12 40	0 39	23 55	1 2	5 29	1 45	3 8	2 48	16 23	0 16	15 10	1 6	28 39	5 0	6 17	6 37	13 50			n.a.
S 26	0 26	14 44	3 43	3 49	0 29	13 8	0 42	23 51	1 3	5 32	1 45	3 6	2 48	16 23	0 16	15 9	1 6	28 39	5 0	6 16	6 36	13 53			n.a.
M27	0 50	9 15	2 50	4 14	0 13	13 36	0 45	23 47	1 4	5 35	1 45	3 4	2 48	16 22	0 16	15 9	1 6	28 39	5 0	6 16	6 35	13 57			n.a.
T 28	1 13	3 30	1 50	4 38	0s 3	14 3	0 48	23 44	1 6	5 38	1 45	3 2	2 49	16 22	0 16	15 8	1 6	28 39	5 0	6 15	6 34	14 0			n.a.
W29	1 37	2s19	0 45	4 59	0 19	14 30	0 51	23 39	1 7	5 41	1 44	3 1	2 49	16 21	0 16	15 7	1 6	28 39	5 0	6 15	6 32	14 3			n.a.
T 30	2 0	8 0	0s21	5 19	0 34	14 57	0 54	23 35	1 9	5 44	1 44	2 59	2 49	16 21	0 16	15 7	1 6	28 39	5 0	6 15	6 31	14 6			n.a.
F 31	2n23	13s23	1s25	5s35	0s49	15n23	0n57	23s31	1s10	5n46	1n44	2s57	2n49	16s20	0n16	15s 6	1s 6	28n39	5n 0	6n15	6n30	14s 9			n.a.

Julian Day Number = 1617386.5, Delta T = 03h49m36s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'13, Lahiri = - 7°53'12 Julian Calendar 1 March 285 BCE == Greg. Calendar 26 Feb. 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

APRIL 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 20 49	6♈54'25	13♏ 3	17°D50	9♉38	19♊49	19°R27	13°R48	15°R11	22♒53	4♋29	15♈42	16♈17	3♏21	n.a.	S 1
S 2	12 24 46	7°52'26	24°52	17♓52	10°50	20°31	19♍20	13♎44	15♏ 9	22°55	4°30	15°43	16°14	3°27	n.a.	S 2
M 3	12 28 42	8°50'25	6♐46	17°58	12° 1	21°14	19°13	13°39	15° 7	22°56	4°30	15°44	16°10	3°34	n.a.	M 3
T 4	12 32 39	9°48'22	18°47	18° 9	13°13	21°56	19° 7	13°35	15° 5	22°58	4°30	15°44	16° 7	3°41	n.a.	T 4
W 5	12 36 35	10°46'18	1♑ 2	18°25	14°24	22°38	19° 0	13°30	15° 3	23° 0	4°31	15°44	16° 4	3°47	n.a.	W 5
T 6	12 40 32	11°44'13	13°32	18°45	15°35	23°20	18°53	13°26	15° 1	23° 1	4°31	15°R44	16° 1	3°54	n.a.	T 6
F 7	12 44 28	12°42'07	26°24	19° 9	16°47	24° 2	18°47	13°22	15° 0	23° 3	4°32	15°44	15°58	4° 1	n.a.	F 7
S 8	12 48 25	13°39'59	9♒40	19°38	17°58	24°45	18°40	13°17	14°58	23° 5	4°32	15°44	15°54	4° 7	n.a.	S 8
S 9	12 52 22	14°37'49	23°22	20°11	19° 9	25°27	18°34	13°13	14°56	23° 6	4°32	15°44	15°51	4°14	n.a.	S 9
M10	12 56 18	15°35'38	7♓30	20°48	20°20	26° 9	18°28	13° 8	14°54	23° 8	4°33	15°D44	15°48	4°21	n.a.	M10
T 11	13 0 15	16°33'26	22° 3	21°29	21°31	26°51	18°22	13° 4	14°52	23° 9	4°34	15°44	15°45	4°27	n.a.	T 11
W12	13 4 11	17°31'13	6♈56	22°13	22°41	27°33	18°16	12°59	14°49	23°11	4°34	15°44	15°42	4°34	n.a.	W12
T 13	13 8 8	18°28'58	22° 1	23° 1	23°52	28°15	18°10	12°55	14°47	23°12	4°35	15°R44	15°39	4°40	n.a.	T 13
F 14	13 12 4	19°26'41	7♉ 9	23°53	25° 3	28°56	18° 4	12°50	14°45	23°14	4°35	15°44	15°35	4°47	n.a.	F 14
S 15	13 16 1	20°24'23	22°12	24°47	26°13	29°38	17°59	12°46	14°43	23°15	4°36	15°44	15°32	4°54	n.a.	S 15
S 16	13 19 57	21°22'04	7♊ 2	25°45	27°24	0♒20	17°53	12°42	14°41	23°17	4°36	15°43	15°29	5° 0	n.a.	S 16
M17	13 23 54	22°19'43	21°31	26°47	28°34	1° 2	17°48	12°37	14°39	23°18	4°37	15°42	15°26	5° 7	n.a.	M17
T 18	13 27 51	23°17'20	5♋36	27°51	29°45	1°43	17°43	12°33	14°36	23°19	4°38	15°42	15°23	5°14	n.a.	T 18
W19	13 31 47	24°14'56	19°17	28°58	0♊55	2°25	17°38	12°28	14°34	23°21	4°39	15°D41	15°20	5°20	n.a.	W19
T 20	13 35 44	25°12'30	2♌33	0♈ 7	2° 5	3° 6	17°33	12°24	14°32	23°22	4°39	15°42	15°16	5°27	n.a.	T 20
F 21	13 39 40	26°10'02	15°27	1°20	3°15	3°48	17°28	12°20	14°30	23°23	4°40	15°42	15°13	5°34	n.a.	F 21
S 22	13 43 37	27° 7'33	28° 2	2°36	4°25	4°29	17°24	12°16	14°27	23°25	4°41	15°43	15°10	5°40	n.a.	S 22
S 23	13 47 33	28° 5'02	10♍22	3°54	5°35	5°11	17°19	12°11	14°25	23°26	4°42	15°44	15° 7	5°47	n.a.	S 23
M24	13 51 30	29° 2'30	22°30	5°14	6°45	5°52	17°15	12° 7	14°23	23°27	4°43	15°45	15° 4	5°54	n.a.	M24
T 25	13 55 26	29°59'57	4♎29	6°37	7°54	6°33	17°11	12° 3	14°20	23°28	4°43	15°46	15° 0	6° 0	n.a.	T 25
W26	13 59 23	0♉57'22	16°22	8° 3	9° 4	7°14	17° 7	11°59	14°18	23°29	4°44	15°R46	14°57	6° 7	n.a.	W26
T 27	14 3 19	1°54'46	28°11	9°32	10°13	7°55	17° 3	11°55	14°16	23°30	4°45	15°46	14°54	6°14	n.a.	T 27
F 28	14 7 16	2°52'09	10♏ 0	11° 2	11°23	8°36	17° 0	11°51	14°13	23°31	4°46	15°45	14°51	6°20	n.a.	F 28
S 29	14 11 13	3°49'31	21°49	12°36	12°32	9°17	16°56	11°47	14°11	23°33	4°47	15°42	14°48	6°27	n.a.	S 29
S 30	14 15 9	4♉46'52	3♐42	14♈11	13♊41	9♒58	16♍53	11♎43	14♏ 8	23♒34	4♋48	15♈40	14♈45	6♏34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n46	18s16	2s26	5s50	1s 3	15n49	1n 0	23s26	1s12	5n49	1n44	2s55	2n49	16s20	0n16	15s 6	1s 6	28n39	5n 0	6n15	6n29	14s12		n.a.
S 2	3 10	22 28	3 21	6 2	1 16	16 15	1 3	23 21	1 13	5 52	1 44	2 54	2 49	16 19	0 16	15 5	1 6	28 39	5 0	6 15	6 27	14 15		n.a.
M 3	3 33	25 46	4 7	6 11	1 29	16 40	1 6	23 16	1 15	5 54	1 44	2 52	2 49	16 19	0 16	15 5	1 6	28 39	4 59	6 16	6 26	14 18		n.a.
T 4	3 56	27 57	4 43	6 17	1 41	17 5	1 9	23 10	1 16	5 57	1 44	2 50	2 49	16 18	0 16	15 4	1 6	28 38	4 59	6 16	6 25	14 21		n.a.
W 5	4 19	28 51	5 7	6 21	1 52	17 29	1 11	23 5	1 17	5 59	1 44	2 48	2 49	16 18	0 16	15 4	1 6	28 38	4 59	6 16	6 24	14 24		n.a.
T 6	4 42	28 18	5 17	6 23	2 2	17 53	1 14	22 59	1 19	6 2	1 43	2 47	2 49	16 17	0 16	15 3	1 6	28 38	4 59	6 16	6 22	14 28		n.a.
F 7	5 5	26 14	5 12	6 22	2 12	18 17	1 17	22 53	1 20	6 4	1 43	2 45	2 49	16 16	0 16	15 3	1 6	28 38	4 59	6 16	6 21	14 31		n.a.
S 8	5 27	22 42	4 50	6 18	2 21	18 40	1 20	22 47	1 22	6 7	1 43	2 43	2 49	16 16	0 16	15 2	1 6	28 38	4 59	6 16	6 20	14 34		n.a.
S 9	5 50	17 51	4 12	6 12	2 28	19 3	1 22	22 41	1 23	6 9	1 43	2 41	2 49	16 15	0 16	15 2	1 6	28 38	4 59	6 16	6 19	14 37		n.a.
M10	6 13	11 54	3 17	6 4	2 36	19 25	1 25	22 34	1 25	6 11	1 43	2 40	2 49	16 15	0 16	15 1	1 7	28 38	4 59	6 16	6 18	14 40		n.a.
T 11	6 35	5 9	2 8	5 53	2 42	19 46	1 28	22 27	1 26	6 14	1 43	2 38	2 49	16 14	0 16	15 1	1 7	28 38	4 59	6 16	6 16	14 43		n.a.
W12	6 58	2n 2	0 49	5 41	2 47	20 7	1 30	22 21	1 28	6 16	1 42	2 36	2 49	16 14	0 16	15 0	1 7	28 38	4 59	6 16	6 15	14 46		n.a.
T 13	7 20	9 13	0n35	5 26	2 52	20 28	1 33	22 14	1 30	6 18	1 42	2 35	2 49	16 13	0 16	15 0	1 7	28 38	4 59	6 16	6 14	14 49		n.a.
F 14	7 42	15 54	1 56	5 9	2 56	20 48	1 35	22 6	1 31	6 20	1 42	2 33	2 49	16 12	0 16	14 59	1 7	28 38	4 59	6 16	6 13	14 52		n.a.
S 15	8 4	21 35	3 9	4 49	2 59	21 8	1 38	21 59	1 33	6 22	1 42	2 31	2 49	16 12	0 16	14 59	1 7	28 38	4 59	6 16	6 11	14 55		n.a.
S 16	8 26	25 49	4 8	4 28	3 1	21 27	1 40	21 51	1 34	6 24	1 42	2 30	2 48	16 11	0 16	14 58	1 7	28 38	4 59	6 16	6 10	14 58		n.a.
M17	8 48	28 16	4 50	4 5	3 3	21 45	1 43	21 44	1 36	6 26	1 41	2 28	2 48	16 10	0 16	14 58	1 7	28 37	4 59	6 15	6 9	15 1		n.a.
T 18	9 9	28 49	5 12	3 40	3 4	22 3	1 45	21 36	1 37	6 28	1 41	2 26	2 48	16 10	0 16	14 58	1 7	28 37	4 59	6 15	6 8	15 4		n.a.
W19	9 31	27 33	5 17	3 13	3 4	22 20	1 47	21 28	1 39	6 30	1 41	2 25	2 48	16 9	0 16	14 57	1 7	28 37	4 59	6 15	6 6	15 7		n.a.
T 20	9 52	24 45	5 4	2 45	3 3	22 37	1 49	21 20	1 40	6 31	1 41	2 23	2 48	16 8	0 16	14 57	1 7	28 37	4 58	6 15	6 5	15 10		n.a.
F 21	10 13	20 47	4 36	2 15	3 2	22 53	1 52	21 11	1 42	6 33	1 41	2 21	2 48	16 8	0 16	14 56	1 7	28 37	4 58	6 15	6 4	15 13		n.a.
S 22	10 34	15 58	3 55	1 43	3 0	23 9	1 54	21 3	1 44	6 35	1 40	2 20	2 48	16 7	0 16	14 56	1 7	28 37	4 58	6 15	6 3	15 16		n.a.
S 23	10 55	10 36	3 4	1 9	2 58	23 24	1 56	20 54	1 45	6 36	1 40	2 18	2 48	16 6	0 16	14 56	1 7	28 37	4 58	6 16	6 1	15 20		n.a.
M24	11 16	4 56	2 5	0 34	2 55	23 38	1 58	20 46	1 47	6 38	1 40	2 17	2 48	16 6	0 16	14 55	1 7	28 37	4 58	6 16	6 0	15 23		n.a.
T 25	11 37	0s51	1 2	0n 3	2 51	23 52	1 59	20 37	1 48	6 39	1 40	2 15	2 48	16 5	0 16	14 55	1 7	28 37	4 58	6 17	5 59	15 26		n.a.
W26	11 57	6 34	0s 3	0 41	2 47	24 5	2 1	20 28	1 50	6 40	1 39	2 14	2 48	16 4	0 16	14 55	1 7	28 37	4 58	6 17	5 58	15 29		n.a.
T 27	12 17	12 1	1 8	1 21	2 42	24 17	2 3	20 18	1 52	6 42	1 39	2 12	2 47	16 3	0 16	14 54	1 7	28 37	4 58	6 17	5 56	15 32		n.a.
F 28	12 37	17 3	2 10	2 1	2 36	24 29	2 5	20 9	1 53	6 43	1 39	2 11	2 47	16 3	0 16	14 54	1 7	28 37	4 58	6 16	5 55	15 35		n.a.
S 29	12 57	21 26	3 6	2 44	2 30	24 40	2 6	20 0	1 55	6 44	1 39	2 9	2 47	16 2	0 16	14 54	1 7	28 36	4 58	6 15	5 54	15 38		n.a.
S 30	13n16	24s59	3s55	3n27	2s24	24n50	2n 8	19s50	1s56	6n45	1n38	2s 8	2n47	16s 1	0n16	14s53	1s 7	28n36	4n58	6n14	5n53	15s41		n.a.

Julian Day Number = 1617417.5, Delta T = 03h49m35s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'08, Lahiri = - 7°53'08 Julian Calendar 1 Apr. 285 BCE == Greg. Calendar 28 March 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

MAY 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 19 6	5♉44'12	15♐40	15♈50	14♊50	10♒39	16°R50	11°R39	14°R 6	23♒35	4♋49	15°R37	14♈41	6♏40	n.a.	M 1
T 2	14 23 2	6°41'32	27°47	17°30	15°59	11°20	16♍47	11♎35	14♏ 3	23°35	4°50	15♈34	14°38	6°47	n.a.	T 2
W 3	14 26 59	7°38'51	10♑ 4	19°14	17° 8	12° 0	16°44	11°31	14° 1	23°36	4°51	15°31	14°35	6°54	n.a.	W 3
T 4	14 30 55	8°36'09	22°36	20°59	18°17	12°41	16°42	11°28	13°59	23°37	4°52	15°29	14°32	7° 0	n.a.	T 4
F 5	14 34 52	9°33'26	5♒26	22°47	19°25	13°21	16°39	11°24	13°56	23°38	4°53	15°D28	14°29	7° 7	n.a.	F 5
S 6	14 38 49	10°30'43	18°36	24°38	20°34	14° 2	16°37	11°20	13°54	23°39	4°54	15°28	14°26	7°14	n.a.	S 6
S 7	14 42 45	11°28'00	2♓10	26°30	21°42	14°42	16°35	11°17	13°51	23°40	4°55	15°29	14°22	7°20	n.a.	S 7
M 8	14 46 42	12°25'15	16° 8	28°25	22°50	15°22	16°33	11°13	13°49	23°41	4°57	15°31	14°19	7°27	n.a.	M 8
T 9	14 50 38	13°22'30	0♈32	0♉23	23°59	16° 2	16°31	11°10	13°46	23°41	4°58	15°32	14°16	7°34	n.a.	T 9
W10	14 54 35	14°19'45	15°17	2°22	25° 7	16°42	16°30	11° 7	13°44	23°42	4°59	15°R32	14°13	7°40	n.a.	W10
T 11	14 58 31	15°16'59	0♉20	4°24	26°14	17°22	16°29	11° 3	13°41	23°43	5° 0	15°32	14°10	7°47	n.a.	T 11
F 12	15 2 28	16°14'13	15°31	6°27	27°22	18° 2	16°28	11° 0	13°39	23°43	5° 1	15°30	14° 6	7°54	n.a.	F 12
S 13	15 6 24	17°11'26	0♊42	8°32	28°30	18°41	16°27	10°57	13°36	23°44	5° 3	15°26	14° 3	8° 0	n.a.	S 13
S 14	15 10 21	18° 8'39	15°42	10°39	29°37	19°21	16°26	10°54	13°34	23°45	5° 4	15°22	14° 0	8° 7	n.a.	S 14
M15	15 14 18	19° 5'51	0♋24	12°47	0♋45	20° 0	16°25	10°51	13°31	23°45	5° 5	15°17	13°57	8°13	n.a.	M15
T 16	15 18 14	20° 3'02	14°40	14°57	1°52	20°39	16°25	10°48	13°29	23°46	5° 6	15°13	13°54	8°20	n.a.	T 16
W17	15 22 11	21° 0'13	28°28	17° 7	2°59	21°19	16°25	10°45	13°27	23°46	5° 8	15° 9	13°51	8°27	n.a.	W17
T 18	15 26 7	21°57'22	11♌49	19°18	4° 6	21°58	16°D24	10°42	13°24	23°47	5° 9	15° 8	13°47	8°33	n.a.	T 18
F 19	15 30 4	22°54'31	24°43	21°29	5°13	22°36	16°25	10°39	13°22	23°47	5°10	15°D 7	13°44	8°40	n.a.	F 19
S 20	15 34 0	23°51'39	7♍15	23°41	6°19	23°15	16°25	10°37	13°19	23°47	5°12	15° 8	13°41	8°47	n.a.	S 20
S 21	15 37 57	24°48'47	19°30	25°52	7°26	23°54	16°25	10°34	13°17	23°48	5°13	15° 9	13°38	8°53	n.a.	S 21
M22	15 41 53	25°45'54	1♎31	28° 3	8°32	24°32	16°26	10°32	13°14	23°48	5°14	15°11	13°35	9° 0	n.a.	M22
T 23	15 45 50	26°43'00	13°24	0♊13	9°38	25°10	16°27	10°29	13°12	23°48	5°16	15°R11	13°31	9° 7	n.a.	T 23
W24	15 49 47	27°40'06	25°13	2°22	10°44	25°49	16°28	10°27	13°10	23°49	5°17	15°11	13°28	9°13	n.a.	W24
T 25	15 53 43	28°37'11	7♏ 1	4°30	11°50	26°27	16°29	10°25	13° 7	23°49	5°19	15° 9	13°25	9°20	n.a.	T 25
F 26	15 57 40	29°34'17	18°50	6°37	12°55	27° 4	16°31	10°22	13° 5	23°49	5°20	15° 4	13°22	9°27	n.a.	F 26
S 27	16 1 36	0♊31'22	0♐44	8°42	14° 1	27°42	16°32	10°20	13° 3	23°49	5°22	14°58	13°19	9°33	n.a.	S 27
S 28	16 5 33	1°28'27	12°44	10°46	15° 6	28°20	16°34	10°18	13° 0	23°49	5°23	14°50	13°16	9°40	n.a.	S 28
M29	16 9 29	2°25'32	24°52	12°48	16°11	28°57	16°36	10°16	12°58	23°49	5°25	14°42	13°12	9°47	n.a.	M29
T 30	16 13 26	3°22'38	7♑ 8	14°48	17°15	29°34	16°38	10°15	12°56	23°50	5°26	14°33	13° 9	9°53	n.a.	T 30
W31	16 17 23	4♊19'43	19♑35	16♊47	18♋20	0♓11	16♍40	10♎13	12♏54	23♒50	5♋28	14♈25	13♈ 6	10♏ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	13n36	27s28	4s33	4n12	2s17	25n 0	2n 9	19s40	1s58	6n46	1n38	2s 6	2n47	16s 1	0n16	14s53	1s 7	28n36	4n58	6n13	5n51	15s44			n.a.
T 2	13 55	28 43	5 0	4 58	2 9	25 9	2 11	19 30	2 0	6 47	1 38	2 5	2 47	16 0	0 16	14 53	1 7	28 36	4 58	6 12	5 50	15 47			n.a.
W 3	14 14	28 33	5 13	5 45	2 1	25 17	2 12	19 21	2 1	6 48	1 38	2 4	2 47	15 59	0 16	14 53	1 8	28 36	4 58	6 11	5 49	15 50			n.a.
T 4	14 33	26 56	5 12	6 33	1 52	25 25	2 13	19 10	2 3	6 48	1 37	2 2	2 47	15 58	0 16	14 52	1 8	28 36	4 58	6 10	5 48	15 53			n.a.
F 5	14 51	23 55	4 56	7 22	1 44	25 32	2 14	19 0	2 5	6 49	1 37	2 1	2 46	15 58	0 16	14 52	1 8	28 36	4 58	6 10	5 46	15 56			n.a.
S 6	15 9	19 36	4 24	8 12	1 34	25 38	2 15	18 50	2 6	6 50	1 37	2 0	2 46	15 57	0 16	14 52	1 8	28 36	4 58	6 10	5 45	15 59			n.a.
S 7	15 27	14 11	3 36	9 2	1 24	25 44	2 16	18 40	2 8	6 50	1 37	1 58	2 46	15 56	0 16	14 52	1 8	28 36	4 58	6 10	5 44	16 2			n.a.
M 8	15 45	7 54	2 35	9 53	1 14	25 49	2 17	18 29	2 10	6 51	1 36	1 57	2 46	15 55	0 16	14 51	1 8	28 36	4 58	6 11	5 43	16 5			n.a.
T 9	16 3	1 2	1 22	10 45	1 4	25 53	2 18	18 19	2 11	6 51	1 36	1 56	2 46	15 55	0 16	14 51	1 8	28 36	4 58	6 11	5 42	16 8			n.a.
W10	16 20	6n 4	0 1	11 36	0 54	25 57	2 18	18 8	2 13	6 51	1 36	1 55	2 46	15 54	0 16	14 51	1 8	28 36	4 58	6 11	5 40	16 11			n.a.
T 11	16 37	12 59	1n20	12 28	0 43	26 0	2 19	17 57	2 15	6 52	1 35	1 54	2 45	15 53	0 16	14 51	1 8	28 36	4 58	6 11	5 39	16 14			n.a.
F 12	16 54	19 11	2 37	13 20	0 32	26 2	2 19	17 46	2 16	6 52	1 35	1 53	2 45	15 52	0 16	14 51	1 8	28 35	4 58	6 10	5 38	16 16			n.a.
S 13	17 10	24 10	3 42	14 11	0 21	26 3	2 20	17 36	2 18	6 52	1 35	1 51	2 45	15 52	0 16	14 50	1 8	28 35	4 58	6 9	5 37	16 19			n.a.
S 14	17 27	27 27	4 31	15 2	0 10	26 4	2 20	17 25	2 20	6 52	1 35	1 50	2 45	15 51	0 16	14 50	1 8	28 35	4 57	6 7	5 35	16 22			n.a.
M15	17 43	28 45	5 2	15 53	0n 1	26 4	2 20	17 14	2 22	6 52	1 34	1 49	2 45	15 50	0 16	14 50	1 8	28 35	4 57	6 5	5 34	16 25			n.a.
T 16	17 58	28 5	5 12	16 42	0 11	26 3	2 20	17 2	2 23	6 52	1 34	1 48	2 44	15 50	0 16	14 50	1 8	28 35	4 57	6 4	5 33	16 28			n.a.
W17	18 14	25 40	5 4	17 30	0 22	26 2	2 20	16 51	2 25	6 52	1 34	1 47	2 44	15 49	0 16	14 50	1 8	28 35	4 57	6 2	5 32	16 31			n.a.
T 18	18 29	21 55	4 39	18 17	0 32	26 0	2 20	16 40	2 27	6 52	1 33	1 47	2 44	15 48	0 16	14 50	1 8	28 35	4 57	6 2	5 30	16 34			n.a.
F 19	18 44	17 13	4 1	19 2	0 42	25 57	2 20	16 29	2 28	6 51	1 33	1 46	2 44	15 47	0 16	14 50	1 8	28 35	4 57	6 1	5 29	16 37			n.a.
S 20	18 58	11 55	3 12	19 45	0 51	25 54	2 19	16 17	2 30	6 51	1 33	1 45	2 44	15 47	0 16	14 50	1 8	28 35	4 57	6 2	5 28	16 40			n.a.
S 21	19 12	6 17	2 15	20 26	1 0	25 50	2 19	16 6	2 32	6 50	1 33	1 44	2 43	15 46	0 16	14 50	1 8	28 35	4 57	6 2	5 27	16 43			n.a.
M22	19 26	0 31	1 14	21 5	1 9	25 45	2 18	15 55	2 33	6 50	1 32	1 43	2 43	15 45	0 16	14 49	1 8	28 35	4 57	6 3	5 25	16 46			n.a.
T 23	19 40	5s12	0 10	21 41	1 16	25 40	2 17	15 43	2 35	6 49	1 32	1 42	2 43	15 44	0 16	14 49	1 8	28 35	4 57	6 3	5 24	16 49			n.a.
W24	19 53	10 43	0s54	22 15	1 24	25 34	2 16	15 32	2 37	6 49	1 32	1 42	2 43	15 44	0 16	14 49	1 9	28 35	4 57	6 3	5 23	16 52			n.a.
T 25	20 6	15 50	1 56	22 47	1 30	25 27	2 15	15 20	2 39	6 48	1 31	1 41	2 42	15 43	0 16	14 49	1 9	28 34	4 57	6 2	5 22	16 55			n.a.
F 26	20 18	20 23	2 52	23 15	1 36	25 19	2 14	15 9	2 40	6 47	1 31	1 40	2 42	15 42	0 16	14 49	1 9	28 34	4 57	6 0	5 20	16 58			n.a.
S 27	20 31	24 9	3 41	23 41	1 41	25 11	2 13	14 57	2 42	6 46	1 31	1 40	2 42	15 42	0 16	14 49	1 9	28 34	4 57	5 58	5 19	17 1			n.a.
S 28	20 42	26 55	4 21	24 5	1 46	25 3	2 12	14 45	2 44	6 45	1 31	1 39	2 42	15 41	0 16	14 49	1 9	28 34	4 57	5 55	5 18	17 3			n.a.
M29	20 54	28 27	4 49	24 25	1 50	24 54	2 10	14 34	2 46	6 44	1 30	1 39	2 42	15 40	0 16	14 49	1 9	28 34	4 57	5 52	5 17	17 6			n.a.
T 30	21 5	28 36	5 4	24 43	1 53	24 44	2 9	14 22	2 47	6 43	1 30	1 38	2 41	15 40	0 16	14 49	1 9	28 34	4 57	5 48	5 15	17 9			n.a.
W31	21n16	27s19	5s 6	24n58	1n55	24n33	2n 7	14s10	2s49	6n42	1n30	1s38	2n41	15s39	0n16	14s49	1s 9	28n34	4n57	5n45	5n14	17s12			n.a.

Julian Day Number = 1617447.5, Delta T = 03h49m34s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'04, Lahiri = - 7°53'04 Julian Calendar 1 May 285 BCE == Greg. Calendar 27 Apr. 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

JUNE 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 21 19	5♊16'48	2♒15	18♊43	19♋24	0♓48	16♍43	10°R11	12°R51	23°R50	5♋29	14°R19	13♈ 3	10♏ 7	n.a.	T 1
F 2	16 25 16	6°13'54	15° 8	20°38	20°28	1°25	16°45	10♎10	12♏49	23♒50	5°31	14♈15	13° 0	10°13	n.a.	F 2
S 3	16 29 12	7°11'00	28°18	22°31	21°32	2° 1	16°48	10° 8	12°47	23°49	5°32	14°13	12°57	10°20	n.a.	S 3
S 4	16 33 9	8° 8'07	11♓47	24°21	22°36	2°37	16°51	10° 7	12°45	23°49	5°34	14°D13	12°53	10°27	n.a.	S 4
M 5	16 37 5	9° 5'13	25°36	26°10	23°39	3°13	16°54	10° 6	12°43	23°49	5°35	14°13	12°50	10°33	n.a.	M 5
T 6	16 41 2	10° 2'21	9♈46	27°56	24°42	3°49	16°57	10° 4	12°41	23°49	5°37	14°R14	12°47	10°40	n.a.	T 6
W 7	16 44 58	10°59'28	24°17	29°41	25°45	4°25	17° 1	10° 3	12°39	23°49	5°39	14°14	12°44	10°47	n.a.	W 7
T 8	16 48 55	11°56'37	9♉ 5	1♋24	26°48	5° 0	17° 4	10° 2	12°36	23°49	5°40	14°12	12°41	10°53	n.a.	T 8
F 9	16 52 52	12°53'46	24° 4	3° 4	27°50	5°35	17° 8	10° 1	12°34	23°48	5°42	14° 7	12°37	11° 0	n.a.	F 9
S 10	16 56 48	13°50'55	9♊ 7	4°43	28°53	6°10	17°12	10° 1	12°32	23°48	5°43	14° 0	12°34	11° 7	n.a.	S 10
S 11	17 0 45	14°48'05	24° 5	6°20	29°55	6°45	17°16	10° 0	12°31	23°48	5°45	13°52	12°31	11°13	n.a.	S 11
M12	17 4 41	15°45'15	8♋47	7°54	0♌56	7°20	17°20	9°59	12°29	23°47	5°47	13°42	12°28	11°20	n.a.	M12
T 13	17 8 38	16°42'26	23° 6	9°27	1°57	7°54	17°25	9°59	12°27	23°47	5°48	13°33	12°25	11°27	n.a.	T 13
W14	17 12 34	17°39'36	6♌59	10°57	2°58	8°28	17°29	9°58	12°25	23°47	5°50	13°26	12°22	11°33	n.a.	W14
T 15	17 16 31	18°36'47	20°23	12°26	3°59	9° 1	17°34	9°58	12°23	23°46	5°52	13°20	12°18	11°40	n.a.	T 15
F 16	17 20 28	19°33'58	3♍21	13°52	4°59	9°35	17°39	9°58	12°21	23°46	5°53	13°17	12°15	11°47	n.a.	F 16
S 17	17 24 24	20°31'09	15°54	15°16	5°59	10° 8	17°44	9°57	12°19	23°45	5°55	13°D16	12°12	11°53	n.a.	S 17
S 18	17 28 21	21°28'21	28° 8	16°38	6°59	10°41	17°49	9°D57	12°18	23°45	5°57	13°16	12° 9	12° 0	n.a.	S 18
M19	17 32 17	22°25'33	10♎ 9	17°58	7°58	11°13	17°55	9°57	12°16	23°44	5°58	13°R16	12° 6	12° 7	n.a.	M19
T 20	17 36 14	23°22'45	22° 0	19°16	8°57	11°46	18° 0	9°58	12°14	23°43	6° 0	13°16	12° 3	12°13	n.a.	T 20
W21	17 40 10	24°19'58	3♏48	20°31	9°56	12°18	18° 6	9°58	12°13	23°43	6° 2	13°14	11°59	12°20	n.a.	W21
T 22	17 44 7	25°17'11	15°37	21°44	10°54	12°49	18°12	9°58	12°11	23°42	6° 4	13°10	11°56	12°27	n.a.	T 22
F 23	17 48 3	26°14'25	27°30	22°55	11°52	13°21	18°17	9°59	12°10	23°41	6° 5	13° 3	11°53	12°33	n.a.	F 23
S 24	17 52 0	27°11'40	9♐31	24° 3	12°49	13°52	18°24	9°59	12° 8	23°41	6° 7	12°54	11°50	12°40	n.a.	S 24
S 25	17 55 57	28° 8'55	21°41	25° 9	13°46	14°22	18°30	10° 0	12° 7	23°40	6° 9	12°42	11°47	12°47	n.a.	S 25
M26	17 59 53	29° 6'11	4♑ 1	26°11	14°42	14°53	18°36	10° 1	12° 5	23°39	6°10	12°30	11°43	12°53	n.a.	M26
T 27	18 3 50	0♋ 3'29	16°33	27°12	15°38	15°23	18°43	10° 1	12° 4	23°38	6°12	12°17	11°40	13° 0	n.a.	T 27
W28	18 7 46	1° 0'47	29°16	28° 9	16°34	15°53	18°49	10° 2	12° 2	23°38	6°14	12° 6	11°37	13° 7	n.a.	W28
T 29	18 11 43	1°58'06	12♒11	29° 3	17°28	16°22	18°56	10° 3	12° 1	23°37	6°16	11°56	11°34	13°13	n.a.	T 29
F 30	18 15 39	2♋55'26	25♒17	29♋54	18♌23	16♓51	19♍ 3	10♎ 4	12♏ 0	23♒36	6♋17	11♈49	11♈31	13♏20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n27	24s38	4s52	25n11	1n57	24n22	2n 5	13s59	2s51	6n41	1n29	1s37	2n41	15s38	0n16	14s49	1s 9	28n34	4n57	5n43	5n13	17s15		n.a.
F 2	21 37	20 41	4 24	25 21	1 58	24 11	2 3	13 47	2 53	6 39	1 29	1 37	2 41	15 38	0 16	14 50	1 9	28 34	4 57	5 41	5 12	17 18		n.a.
S 3	21 47	15 39	3 41	25 29	1 58	23 58	2 1	13 35	2 54	6 38	1 29	1 37	2 40	15 37	0 16	14 50	1 9	28 34	4 57	5 40	5 10	17 21		n.a.
S 4	21 56	9 46	2 45	25 34	1 58	23 46	1 59	13 24	2 56	6 37	1 29	1 36	2 40	15 36	0 16	14 50	1 9	28 34	4 57	5 40	5 9	17 24		n.a.
M 5	22 5	3 16	1 38	25 37	1 57	23 32	1 56	13 12	2 58	6 35	1 28	1 36	2 40	15 36	0 16	14 50	1 9	28 34	4 57	5 40	5 8	17 27		n.a.
T 6	22 14	3n33	0 24	25 38	1 55	23 19	1 54	13 1	3 0	6 34	1 28	1 36	2 40	15 35	0 16	14 50	1 9	28 34	4 57	5 41	5 7	17 29		n.a.
W 7	22 22	10 21	0n54	25 37	1 53	23 4	1 51	12 49	3 1	6 32	1 28	1 35	2 39	15 34	0 16	14 50	1 9	28 34	4 57	5 41	5 5	17 32		n.a.
T 8	22 30	16 44	2 9	25 34	1 50	22 49	1 48	12 37	3 3	6 30	1 27	1 35	2 39	15 34	0 16	14 50	1 9	28 34	4 57	5 40	5 4	17 35		n.a.
F 9	22 37	22 11	3 16	25 29	1 47	22 34	1 45	12 26	3 5	6 29	1 27	1 35	2 39	15 33	0 16	14 50	1 9	28 34	4 57	5 38	5 3	17 38		n.a.
S 10	22 44	26 12	4 10	25 22	1 43	22 18	1 42	12 14	3 6	6 27	1 27	1 35	2 39	15 33	0 16	14 50	1 9	28 34	4 57	5 35	5 2	17 41		n.a.
S 11	22 51	28 22	4 46	25 13	1 38	22 2	1 39	12 3	3 8	6 25	1 27	1 35	2 38	15 32	0 16	14 50	1 9	28 33	4 57	5 32	5 0	17 44		n.a.
M12	22 58	28 28	5 3	25 3	1 33	21 45	1 35	11 51	3 10	6 23	1 26	1 35	2 38	15 31	0 16	14 51	1 9	28 33	4 57	5 28	4 59	17 47		n.a.
T 13	23 4	26 39	5 0	24 51	1 28	21 27	1 32	11 40	3 12	6 21	1 26	1 35	2 38	15 31	0 15	14 51	1 9	28 33	4 57	5 25	4 58	17 49		n.a.
W14	23 9	23 15	4 39	24 38	1 22	21 10	1 28	11 29	3 13	6 19	1 26	1 35	2 37	15 30	0 15	14 51	1 10	28 33	4 58	5 22	4 57	17 52		n.a.
T 15	23 14	18 42	4 3	24 24	1 15	20 52	1 24	11 18	3 15	6 17	1 25	1 35	2 37	15 30	0 15	14 51	1 10	28 33	4 58	5 20	4 55	17 55		n.a.
F 16	23 19	13 26	3 16	24 8	1 8	20 33	1 20	11 6	3 17	6 15	1 25	1 35	2 37	15 29	0 15	14 51	1 10	28 33	4 58	5 18	4 54	17 58		n.a.
S 17	23 23	7 47	2 20	23 51	1 1	20 14	1 16	10 55	3 19	6 12	1 25	1 36	2 37	15 29	0 15	14 52	1 10	28 33	4 58	5 18	4 53	18 1		n.a.
S 18	23 27	1 58	1 20	23 34	0 53	19 55	1 12	10 44	3 20	6 10	1 25	1 36	2 36	15 28	0 15	14 52	1 10	28 33	4 58	5 18	4 52	18 4		n.a.
M19	23 31	3s49	0 17	23 15	0 45	19 35	1 8	10 33	3 22	6 8	1 24	1 36	2 36	15 28	0 15	14 52	1 10	28 33	4 58	5 18	4 50	18 6		n.a.
T 20	23 34	9 23	0s46	22 56	0 36	19 15	1 3	10 22	3 24	6 5	1 24	1 36	2 36	15 27	0 15	14 52	1 10	28 33	4 58	5 18	4 49	18 9		n.a.
W21	23 37	14 37	1 47	22 35	0 27	18 55	0 58	10 11	3 26	6 3	1 24	1 37	2 36	15 27	0 15	14 53	1 10	28 33	4 58	5 17	4 48	18 12		n.a.
T 22	23 39	19 18	2 43	22 15	0 18	18 34	0 53	10 1	3 27	6 0	1 24	1 37	2 35	15 26	0 15	14 53	1 10	28 33	4 58	5 16	4 46	18 15		n.a.
F 23	23 41	23 17	3 32	21 53	0 8	18 13	0 48	9 50	3 29	5 58	1 23	1 38	2 35	15 26	0 15	14 53	1 10	28 33	4 58	5 13	4 45	18 18		n.a.
S 24	23 42	26 18	4 12	21 32	0s 2	17 51	0 43	9 40	3 31	5 55	1 23	1 38	2 35	15 25	0 15	14 53	1 10	28 33	4 58	5 9	4 44	18 20		n.a.
S 25	23 43	28 8	4 41	21 9	0 13	17 30	0 38	9 29	3 33	5 52	1 23	1 39	2 35	15 25	0 15	14 54	1 10	28 33	4 58	5 5	4 43	18 23		n.a.
M26	23 44	28 37	4 57	20 47	0 24	17 8	0 32	9 19	3 34	5 50	1 23	1 39	2 34	15 24	0 15	14 54	1 10	28 33	4 58	5 0	4 41	18 26		n.a.
T 27	23 44	27 39	5 0	20 25	0 35	16 46	0 26	9 8	3 36	5 47	1 22	1 40	2 34	15 24	0 15	14 54	1 10	28 33	4 58	4 55	4 40	18 29		n.a.
W28	23 44	25 14	4 47	20 2	0 46	16 24	0 21	8 58	3 38	5 44	1 22	1 40	2 34	15 24	0 15	14 55	1 10	28 33	4 58	4 50	4 39	18 32		n.a.
T 29	23 43	21 30	4 20	19 39	0 58	16 1	0 15	8 48	3 39	5 41	1 22	1 41	2 33	15 23	0 15	14 55	1 10	28 33	4 58	4 46	4 38	18 34		n.a.
F 30	23n42	16s41	3s39	19n17	1s10	15n38	0n 8	8s38	3s41	5n38	1n22	1s42	2n33	15s23	0n15	14s55	1s10	28n33	4n58	4n44	4n36	18s37		n.a.

Julian Day Number = 1617478.5, Delta T = 03h49m33s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°00'00, Lahiri = - 7°53'00 Julian Calendar 1 June 285 BCE == Greg. Calendar 28 May 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

JULY 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 19 36	3♋52'47	8♓36	0♌42	19♌17	17♓20	19♍10	10♎ 6	11°R59	23°R35	6♋19	11°R45	11♈28	13♏27	n.a.	S 1
S 2	18 23 32	4°50'10	22° 7	1°27	20°10	17°48	19°17	10° 7	11♏58	23♒34	6°21	11♈43	11°24	13°33	n.a.	S 2
M 3	18 27 29	5°47'34	5♈53	2° 8	21° 3	18°16	19°25	10° 8	11°56	23°33	6°23	11°43	11°21	13°40	n.a.	M 3
T 4	18 31 26	6°44'59	19°54	2°45	21°55	18°43	19°32	10°10	11°55	23°32	6°24	11°43	11°18	13°47	n.a.	T 4
W 5	18 35 22	7°42'26	4♉10	3°18	22°47	19°10	19°40	10°11	11°54	23°31	6°26	11°42	11°15	13°53	n.a.	W 5
T 6	18 39 19	8°39'54	18°39	3°47	23°37	19°37	19°47	10°13	11°53	23°30	6°28	11°38	11°12	14° 0	n.a.	T 6
F 7	18 43 15	9°37'24	3♊18	4°11	24°28	20° 3	19°55	10°15	11°52	23°29	6°30	11°33	11° 9	14° 7	n.a.	F 7
S 8	18 47 12	10°34'56	18° 1	4°32	25°17	20°29	20° 3	10°17	11°51	23°28	6°31	11°24	11° 5	14°13	n.a.	S 8
S 9	18 51 8	11°32'28	2♋41	4°47	26° 6	20°54	20°11	10°19	11°51	23°27	6°33	11°13	11° 2	14°20	n.a.	S 9
M10	18 55 5	12°30'02	17° 9	4°57	26°54	21°18	20°19	10°21	11°50	23°26	6°35	11° 2	10°59	14°27	n.a.	M10
T 11	18 59 2	13°27'37	1♌20	5°R 3	27°42	21°43	20°28	10°23	11°49	23°24	6°37	10°51	10°56	14°33	n.a.	T 11
W12	19 2 58	14°25'14	15° 8	5° 3	28°28	22° 6	20°36	10°25	11°48	23°23	6°38	10°41	10°53	14°40	n.a.	W12
T 13	19 6 55	15°22'51	28°31	4°57	29°14	22°30	20°44	10°27	11°48	23°22	6°40	10°33	10°49	14°47	n.a.	T 13
F 14	19 10 51	16°20'30	11♍28	4°46	29°59	22°52	20°53	10°30	11°47	23°21	6°42	10°28	10°46	14°53	n.a.	F 14
S 15	19 14 48	17°18'09	24° 3	4°29	0♍43	23°15	21° 2	10°32	11°47	23°20	6°44	10°26	10°43	15° 0	n.a.	S 15
S 16	19 18 44	18°15'50	6♎18	4° 7	1°26	23°36	21°11	10°35	11°46	23°18	6°45	10°D25	10°40	15° 7	n.a.	S 16
M17	19 22 41	19°13'32	18°19	3°40	2° 8	23°57	21°20	10°38	11°46	23°17	6°47	10°R25	10°37	15°13	n.a.	M17
T 18	19 26 37	20°11'16	0♏12	3° 7	2°50	24°18	21°29	10°40	11°45	23°16	6°49	10°25	10°34	15°20	n.a.	T 18
W19	19 30 34	21° 9'00	12° 1	2°29	3°30	24°38	21°38	10°43	11°45	23°14	6°50	10°23	10°30	15°27	n.a.	W19
T 20	19 34 30	22° 6'46	23°52	1°46	4° 9	24°57	21°47	10°46	11°44	23°13	6°52	10°19	10°27	15°33	n.a.	T 20
F 21	19 38 27	23° 4'33	5♐49	1° 0	4°46	25°16	21°57	10°49	11°44	23°12	6°54	10°13	10°24	15°40	n.a.	F 21
S 22	19 42 24	24° 2'22	17°56	0°10	5°23	25°34	22° 6	10°52	11°44	23°10	6°55	10° 4	10°21	15°47	n.a.	S 22
S 23	19 46 20	25° 0'12	0♑16	29♋18	5°59	25°52	22°16	10°55	11°44	23° 9	6°57	9°53	10°18	15°53	n.a.	S 23
M24	19 50 17	25°58'04	12°50	28°25	6°33	26° 9	22°26	10°59	11°44	23° 7	6°59	9°41	10°15	16° 0	n.a.	M24
T 25	19 54 13	26°55'57	25°39	27°30	7° 6	26°25	22°35	11° 2	11°44	23° 6	7° 0	9°29	10°11	16° 7	n.a.	T 25
W26	19 58 10	27°53'52	8♒42	26°37	7°37	26°41	22°45	11° 5	11°D44	23° 5	7° 2	9°17	10° 8	16°13	n.a.	W26
T 27	20 2 6	28°51'48	21°58	25°45	8° 7	26°56	22°55	11° 9	11°44	23° 3	7° 4	9° 8	10° 5	16°20	n.a.	T 27
F 28	20 6 3	29°49'46	5♓25	24°56	8°36	27°10	23° 5	11°13	11°44	23° 2	7° 5	9° 1	10° 2	16°27	n.a.	F 28
S 29	20 10 0	0♌47'47	19° 2	24°11	9° 3	27°23	23°15	11°16	11°44	23° 0	7° 7	8°58	9°59	16°33	n.a.	S 29
S 30	20 13 56	1°45'49	2♈48	23°31	9°28	27°36	23°26	11°20	11°44	22°59	7° 9	8°D56	9°55	16°40	n.a.	S 30
M31	20 17 53	2♌43'53	16♈41	22♋56	9♍52	27♓48	23♍36	11♎24	11♏44	22♒57	7♋10	8♈56	9♈52	16♏47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n40	11s 0	2s45	18n55	1s22	15n15	0n 2	8s29	3s43	5n35	1n21	1s42	2n33	15s23	0n15	14s56	1s10	28n33	4n58	4n42	4n35	18s40		n.a.
S 2	23 39	4 43	1 42	18 33	1 34	14 52	0s 4	8 19	3 45	5 32	1 21	1 43	2 33	15 22	0 15	14 56	1 10	28 33	4 58	4 41	4 34	18 43		n.a.
M 3	23 36	1n54	0 31	18 12	1 46	14 29	0 11	8 9	3 46	5 29	1 21	1 44	2 32	15 22	0 15	14 56	1 10	28 33	4 58	4 41	4 33	18 45		n.a.
T 4	23 33	8 32	0n43	17 52	1 59	14 5	0 18	8 0	3 48	5 26	1 21	1 45	2 32	15 22	0 15	14 57	1 10	28 33	4 59	4 41	4 31	18 48		n.a.
W 5	23 30	14 52	1 56	17 32	2 11	13 42	0 25	7 51	3 50	5 22	1 20	1 46	2 32	15 21	0 15	14 57	1 10	28 33	4 59	4 41	4 30	18 51		n.a.
T 6	23 27	20 30	3 2	17 13	2 24	13 18	0 32	7 42	3 51	5 19	1 20	1 46	2 32	15 21	0 15	14 57	1 10	28 33	4 59	4 39	4 29	18 54		n.a.
F 7	23 23	24 56	3 57	16 55	2 36	12 55	0 39	7 33	3 53	5 16	1 20	1 47	2 31	15 21	0 15	14 58	1 11	28 33	4 59	4 37	4 28	18 56		n.a.
S 8	23 18	27 46	4 36	16 38	2 49	12 31	0 47	7 24	3 55	5 12	1 20	1 48	2 31	15 20	0 15	14 58	1 11	28 33	4 59	4 34	4 26	18 59		n.a.
S 9	23 13	28 39	4 57	16 23	3 1	12 7	0 55	7 16	3 56	5 9	1 19	1 49	2 31	15 20	0 15	14 59	1 11	28 33	4 59	4 30	4 25	19 2		n.a.
M10	23 8	27 33	4 59	16 9	3 13	11 43	1 3	7 7	3 58	5 6	1 19	1 50	2 30	15 20	0 15	14 59	1 11	28 33	4 59	4 25	4 24	19 5		n.a.
T 11	23 3	24 41	4 42	15 56	3 24	11 19	1 11	6 59	4 0	5 2	1 19	1 52	2 30	15 20	0 15	15 0	1 11	28 33	4 59	4 21	4 23	19 7		n.a.
W12	22 56	20 26	4 8	15 45	3 36	10 55	1 19	6 51	4 1	4 58	1 19	1 53	2 30	15 20	0 15	15 0	1 11	28 33	4 59	4 17	4 21	19 10		n.a.
T 13	22 50	15 17	3 22	15 36	3 46	10 31	1 27	6 43	4 3	4 55	1 19	1 54	2 30	15 19	0 15	15 0	1 11	28 33	4 59	4 14	4 20	19 13		n.a.
F 14	22 43	9 36	2 27	15 29	3 56	10 7	1 36	6 36	4 4	4 51	1 18	1 55	2 29	15 19	0 15	15 1	1 11	28 33	4 59	4 12	4 19	19 16		n.a.
S 15	22 36	3 42	1 26	15 24	4 5	9 44	1 44	6 28	4 6	4 48	1 18	1 56	2 29	15 19	0 15	15 1	1 11	28 33	4 59	4 11	4 18	19 18		n.a.
S 16	22 28	2s12	0 22	15 21	4 14	9 20	1 53	6 21	4 8	4 44	1 18	1 58	2 29	15 19	0 15	15 2	1 11	28 33	5 0	4 10	4 16	19 21		n.a.
M17	22 20	7 55	0s42	15 21	4 21	8 56	2 2	6 14	4 9	4 40	1 18	1 59	2 29	15 19	0 15	15 2	1 11	28 33	5 0	4 10	4 15	19 24		n.a.
T 18	22 12	13 17	1 43	15 22	4 27	8 33	2 11	6 7	4 11	4 36	1 18	2 0	2 28	15 19	0 15	15 3	1 11	28 33	5 0	4 10	4 14	19 26		n.a.
W19	22 3	18 9	2 39	15 27	4 31	8 10	2 21	6 0	4 12	4 32	1 17	2 2	2 28	15 19	0 15	15 3	1 11	28 33	5 0	4 10	4 13	19 29		n.a.
T 20	21 54	22 20	3 29	15 33	4 34	7 47	2 30	5 54	4 14	4 28	1 17	2 3	2 28	15 19	0 15	15 4	1 11	28 33	5 0	4 8	4 11	19 32		n.a.
F 21	21 44	25 38	4 9	15 42	4 36	7 24	2 40	5 48	4 15	4 25	1 17	2 4	2 28	15 18	0 15	15 4	1 11	28 33	5 0	4 6	4 10	19 34		n.a.
S 22	21 34	27 49	4 39	15 53	4 35	7 1	2 50	5 42	4 17	4 21	1 17	2 6	2 27	15 18	0 15	15 5	1 11	28 33	5 0	4 2	4 9	19 37		n.a.
S 23	21 23	28 41	4 57	16 6	4 33	6 39	3 0	5 36	4 18	4 17	1 17	2 7	2 27	15 18	0 15	15 5	1 11	28 33	5 0	3 58	4 7	19 40		n.a.
M24	21 13	28 5	5 1	16 21	4 29	6 17	3 10	5 31	4 20	4 12	1 16	2 9	2 27	15 18	0 15	15 6	1 11	28 33	5 0	3 53	4 6	19 42		n.a.
T 25	21 2	26 1	4 49	16 37	4 22	5 55	3 20	5 25	4 21	4 8	1 16	2 10	2 27	15 18	0 15	15 6	1 11	28 33	5 0	3 48	4 5	19 45		n.a.
W26	20 50	22 32	4 23	16 56	4 14	5 33	3 31	5 20	4 22	4 4	1 16	2 12	2 26	15 18	0 15	15 7	1 11	28 33	5 1	3 44	4 4	19 48		n.a.
T 27	20 38	17 51	3 42	17 15	4 4	5 12	3 42	5 16	4 24	4 0	1 16	2 14	2 26	15 18	0 15	15 7	1 11	28 33	5 1	3 40	4 2	19 50		n.a.
F 28	20 26	12 14	2 48	17 35	3 53	4 52	3 52	5 11	4 25	3 56	1 16	2 15	2 26	15 18	0 15	15 8	1 11	28 33	5 1	3 37	4 1	19 53		n.a.
S 29	20 14	5 59	1 44	17 56	3 40	4 31	4 3	5 7	4 26	3 52	1 15	2 17	2 26	15 19	0 15	15 8	1 11	28 33	5 1	3 36	4 0	19 56		n.a.
S 30	20 1	0n38	0 33	18 17	3 25	4 12	4 14	5 3	4 28	3 47	1 15	2 19	2 25	15 19	0 15	15 9	1 11	28 33	5 1	3 35	3 59	19 58		n.a.
M31	19n47	7n16	0n41	18n39	3s 9	3n52	4s25	4s59	4s29	3n43	1n15	2s20	2n25	15s19	0n14	15s 9	1s11	28n33	5n 1	3n35	3n57	20s 1		n.a.

Julian Day Number = 1617508.5, Delta T = 03h49m32s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'56, Lahiri = - 7°52'55 Julian Calendar 1 July 285 BCE == Greg. Calendar 27 June 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

AUGUST 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 21 49	3♌41'59	0♉42	22°R29	10♍14	28♓ 0	23♍46	11♎28	11♏45	22°R56	7♋12	8°R56	9♈49	16♏54	n.a.	T 1
W 2	20 25 46	4°40'07	14°50	22♋ 9	10°34	28°10	23°57	11°32	11°45	22♒54	7°13	8♈56	9°46	17° 0	n.a.	W 2
T 3	20 29 42	5°38'18	29° 4	21°56	10°53	28°20	24° 8	11°36	11°46	22°52	7°15	8°54	9°43	17° 7	n.a.	T 3
F 4	20 33 39	6°36'31	13♊22	21°D53	11°10	28°29	24°18	11°40	11°46	22°51	7°17	8°49	9°40	17°14	n.a.	F 4
S 5	20 37 35	7°34'46	27°40	21°57	11°24	28°38	24°29	11°44	11°47	22°49	7°18	8°43	9°36	17°20	n.a.	S 5
S 6	20 41 32	8°33'03	11♋54	22°11	11°37	28°45	24°40	11°49	11°47	22°48	7°20	8°34	9°33	17°27	n.a.	S 6
M 7	20 45 29	9°31'22	25°59	22°33	11°48	28°52	24°51	11°53	11°48	22°46	7°21	8°24	9°30	17°34	n.a.	M 7
T 8	20 49 25	10°29'43	9♌49	23° 4	11°56	28°57	25° 2	11°57	11°48	22°44	7°23	8°15	9°27	17°40	n.a.	T 8
W 9	20 53 22	11°28'06	23°22	23°44	12° 3	29° 2	25°13	12° 2	11°49	22°43	7°24	8° 6	9°24	17°47	n.a.	W 9
T 10	20 57 18	12°26'30	6♍34	24°31	12° 7	29° 6	25°24	12° 7	11°50	22°41	7°26	8° 0	9°21	17°54	n.a.	T 10
F 11	21 1 15	13°24'57	19°25	25°27	12°R 9	29°10	25°35	12°11	11°51	22°40	7°27	7°56	9°17	18° 0	n.a.	F 11
S 12	21 5 11	14°23'25	1♎57	26°30	12° 9	29°12	25°47	12°16	11°52	22°38	7°29	7°54	9°14	18° 7	n.a.	S 12
S 13	21 9 8	15°21'55	14°11	27°39	12° 6	29°13	25°58	12°21	11°52	22°36	7°30	7°D54	9°11	18°14	n.a.	S 13
M14	21 13 4	16°20'27	26°13	28°55	12° 1	29°R14	26°10	12°26	11°53	22°35	7°31	7°55	9° 8	18°20	n.a.	M14
T 15	21 17 1	17°19'01	8♏ 6	0♌16	11°54	29°14	26°21	12°31	11°54	22°33	7°33	7°56	9° 5	18°27	n.a.	T 15
W16	21 20 57	18°17'36	19°56	1°43	11°44	29°12	26°33	12°36	11°56	22°31	7°34	7°R57	9° 1	18°34	n.a.	W16
T 17	21 24 54	19°16'14	1♐48	3°14	11°32	29°10	26°44	12°41	11°57	22°30	7°36	7°56	8°58	18°40	n.a.	T 17
F 18	21 28 51	20°14'53	13°47	4°50	11°17	29° 8	26°56	12°46	11°58	22°28	7°37	7°53	8°55	18°47	n.a.	F 18
S 19	21 32 47	21°13'34	25°58	6°28	11° 0	29° 4	27° 8	12°51	11°59	22°26	7°38	7°48	8°52	18°54	n.a.	S 19
S 20	21 36 44	22°12'17	8♑23	8° 9	10°41	28°59	27°20	12°56	12° 0	22°25	7°40	7°42	8°49	19° 0	n.a.	S 20
M21	21 40 40	23°11'01	21° 7	9°53	10°19	28°53	27°32	13° 1	12° 2	22°23	7°41	7°34	8°46	19° 7	n.a.	M21
T 22	21 44 37	24° 9'48	4♒10	11°39	9°56	28°47	27°43	13° 7	12° 3	22°21	7°42	7°27	8°42	19°14	n.a.	T 22
W23	21 48 33	25° 8'36	17°31	13°26	9°30	28°40	27°56	13°12	12° 5	22°20	7°44	7°19	8°39	19°20	n.a.	W23
T 24	21 52 30	26° 7'27	1♓ 9	15°14	9° 2	28°32	28° 8	13°18	12° 6	22°18	7°45	7°14	8°36	19°27	n.a.	T 24
F 25	21 56 26	27° 6'20	15° 1	17° 3	8°33	28°23	28°20	13°23	12° 8	22°16	7°46	7°10	8°33	19°34	n.a.	F 25
S 26	22 0 23	28° 5'15	29° 4	18°53	8° 2	28°13	28°32	13°29	12° 9	22°15	7°47	7° 8	8°30	19°40	n.a.	S 26
S 27	22 4 20	29° 4'12	13♈13	20°43	7°29	28° 2	28°44	13°34	12°11	22°13	7°49	7°D 8	8°27	19°47	n.a.	S 27
M28	22 8 16	0♍ 3'11	27°26	22°32	6°56	27°51	28°56	13°40	12°12	22°11	7°50	7° 9	8°23	19°54	n.a.	M28
T 29	22 12 13	1° 2'13	11♉40	24°22	6°21	27°39	29° 9	13°46	12°14	22°10	7°51	7°10	8°20	20° 0	n.a.	T 29
W30	22 16 9	2° 1'18	25°52	26°11	5°45	27°26	29°21	13°52	12°16	22° 8	7°52	7°R11	8°17	20° 7	n.a.	W30
T 31	22 20 6	3♍ 0'25	10♊ 1	28♌ 0	5♍ 9	27♓12	29♍33	13♎58	12♏18	22♒ 7	7♋53	7♈11	8♈14	20♏14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	19n34	13n37	1n53	19n 0	2s52	3n34	4s36	4s56	4s30	3n39	1n15	2s22	2n25	15s19	0n14	15s10	1s11	28n33	5n 1	3n35	3n56	20s 4			n.a.
W 2	19 20	19 20	2 59	19 20	2 35	3 16	4 48	4 52	4 31	3 34	1 15	2 24	2 25	15 19	0 14	15 10	1 11	28 33	5 1	3 35	3 55	20 6			n.a.
T 3	19 6	24 0	3 54	19 40	2 17	2 58	4 59	4 49	4 32	3 30	1 15	2 26	2 25	15 19	0 14	15 11	1 11	28 33	5 2	3 34	3 54	20 9			n.a.
F 4	18 51	27 14	4 35	19 59	1 59	2 41	5 10	4 47	4 34	3 25	1 14	2 28	2 24	15 19	0 14	15 11	1 11	28 33	5 2	3 32	3 52	20 11			n.a.
S 5	18 36	28 41	4 59	20 16	1 40	2 25	5 22	4 44	4 35	3 21	1 14	2 29	2 24	15 19	0 14	15 12	1 11	28 33	5 2	3 30	3 51	20 14			n.a.
S 6	18 21	28 14	5 4	20 32	1 22	2 10	5 33	4 42	4 36	3 16	1 14	2 31	2 24	15 20	0 14	15 12	1 11	28 33	5 2	3 26	3 50	20 17			n.a.
M 7	18 5	25 57	4 50	20 46	1 4	1 55	5 45	4 41	4 37	3 12	1 14	2 33	2 24	15 20	0 14	15 13	1 11	28 33	5 2	3 22	3 49	20 19			n.a.
T 8	17 49	22 10	4 20	20 58	0 47	1 41	5 56	4 39	4 37	3 7	1 14	2 35	2 23	15 20	0 14	15 14	1 11	28 33	5 2	3 19	3 47	20 22			n.a.
W 9	17 33	17 16	3 35	21 8	0 30	1 28	6 8	4 38	4 38	3 3	1 14	2 37	2 23	15 20	0 14	15 14	1 11	28 33	5 2	3 15	3 46	20 24			n.a.
T 10	17 17	11 41	2 40	21 15	0 14	1 16	6 19	4 37	4 39	2 58	1 13	2 39	2 23	15 21	0 14	15 15	1 11	28 33	5 3	3 13	3 45	20 27			n.a.
F 11	17 0	5 44	1 38	21 20	0n 1	1 5	6 30	4 36	4 40	2 53	1 13	2 41	2 23	15 21	0 14	15 15	1 12	28 33	5 3	3 11	3 43	20 30			n.a.
S 12	16 43	0s18	0 32	21 22	0 16	0 55	6 41	4 36	4 41	2 49	1 13	2 43	2 23	15 21	0 14	15 16	1 12	28 33	5 3	3 10	3 42	20 32			n.a.
S 13	16 26	6 11	0s34	21 22	0 29	0 46	6 52	4 36	4 41	2 44	1 13	2 45	2 22	15 22	0 14	15 16	1 12	28 34	5 3	3 10	3 41	20 35			n.a.
M14	16 8	11 45	1 37	21 19	0 42	0 38	7 3	4 36	4 42	2 39	1 13	2 47	2 22	15 22	0 14	15 17	1 12	28 34	5 3	3 11	3 40	20 37			n.a.
T 15	15 50	16 49	2 35	21 12	0 53	0 31	7 14	4 37	4 42	2 35	1 13	2 49	2 22	15 22	0 14	15 17	1 12	28 34	5 3	3 11	3 38	20 40			n.a.
W16	15 32	21 15	3 27	21 3	1 4	0 25	7 24	4 38	4 43	2 30	1 13	2 52	2 22	15 23	0 14	15 18	1 12	28 34	5 4	3 11	3 37	20 42			n.a.
T 17	15 13	24 51	4 9	20 51	1 13	0 20	7 34	4 39	4 43	2 25	1 12	2 54	2 22	15 23	0 14	15 19	1 12	28 34	5 4	3 11	3 36	20 45			n.a.
F 18	14 55	27 24	4 42	20 36	1 21	0 17	7 43	4 40	4 43	2 20	1 12	2 56	2 21	15 23	0 14	15 19	1 12	28 34	5 4	3 10	3 35	20 48			n.a.
S 19	14 36	28 42	5 2	20 18	1 28	0 15	7 52	4 42	4 43	2 15	1 12	2 58	2 21	15 24	0 14	15 20	1 12	28 34	5 4	3 8	3 33	20 50			n.a.
S 20	14 17	28 35	5 8	19 58	1 34	0 15	8 1	4 44	4 43	2 10	1 12	3 0	2 21	15 24	0 14	15 20	1 12	28 34	5 4	3 5	3 32	20 53			n.a.
M21	13 57	26 59	5 0	19 35	1 39	0 15	8 9	4 46	4 43	2 6	1 12	3 3	2 21	15 25	0 14	15 21	1 12	28 34	5 4	3 2	3 31	20 55			n.a.
T 22	13 38	23 55	4 36	19 9	1 43	0 17	8 16	4 49	4 43	2 1	1 12	3 5	2 21	15 25	0 14	15 21	1 12	28 34	5 4	2 59	3 30	20 58			n.a.
W23	13 18	19 31	3 56	18 42	1 47	0 21	8 23	4 51	4 43	1 56	1 12	3 7	2 21	15 25	0 14	15 22	1 12	28 34	5 5	2 56	3 28	21 0			n.a.
T 24	12 58	14 2	3 3	18 12	1 49	0 25	8 29	4 54	4 43	1 51	1 11	3 10	2 20	15 26	0 14	15 23	1 12	28 34	5 5	2 54	3 27	21 3			n.a.
F 25	12 38	7 46	1 57	17 40	1 50	0 32	8 34	4 58	4 42	1 46	1 11	3 12	2 20	15 26	0 14	15 23	1 12	28 35	5 5	2 53	3 26	21 5			n.a.
S 26	12 17	1 3	0 44	17 6	1 51	0 39	8 39	5 1	4 42	1 41	1 11	3 14	2 20	15 27	0 14	15 24	1 12	28 35	5 5	2 52	3 25	21 8			n.a.
S 27	11 56	5n47	0n33	16 31	1 51	0 47	8 42	5 5	4 41	1 36	1 11	3 17	2 20	15 27	0 14	15 24	1 12	28 35	5 5	2 52	3 23	21 10			n.a.
M28	11 35	12 22	1 48	15 55	1 51	0 57	8 45	5 9	4 41	1 31	1 11	3 19	2 20	15 28	0 14	15 25	1 12	28 35	5 6	2 52	3 22	21 13			n.a.
T 29	11 14	18 19	2 57	15 17	1 50	1 8	8 47	5 13	4 40	1 26	1 11	3 21	2 19	15 29	0 14	15 25	1 12	28 35	5 6	2 53	3 21	21 15			n.a.
W30	10 53	23 15	3 55	14 38	1 48	1 20	8 48	5 17	4 39	1 20	1 11	3 24	2 19	15 29	0 14	15 26	1 12	28 35	5 6	2 53	3 19	21 18			n.a.
T 31	10n32	26n48	4n38	13n58	1n46	1n33	8s48	5s22	4s38	1n15	1n11	3s26	2n19	15s30	0n14	15s26	1s12	28n35	5n 6	2n53	3n18	21s20			n.a.

Julian Day Number = 1617539.5, Delta T = 03h49m31s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'52, Lahiri = - 7°52'51 Julian Calendar 1 Aug. 285 BCE == Greg. Calendar 28 July 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

SEPTEMBER 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 24 2	3♍59'34	24♊ 5	29♌49	4°R32	26°R57	29♍46	14♎ 4	12♏19	22°R 5	7♋54	7°R10	8♈11	20♏21	n.a.	F 1
S 2	22 27 59	4°58'46	8♋ 2	1♍37	3♍56	26♓42	29°58	14° 9	12°21	22♒ 3	7°55	7♈ 7	8° 7	20°27	n.a.	S 2
S 3	22 31 55	5°58'01	21°50	3°24	3°19	26°27	0♎11	14°15	12°23	22° 2	7°56	7° 3	8° 4	20°34	n.a.	S 3
M 4	22 35 52	6°57'17	5♌27	5°11	2°43	26°10	0°24	14°22	12°25	22° 0	7°57	6°58	8° 1	20°41	n.a.	M 4
T 5	22 39 49	7°56'36	18°51	6°57	2° 8	25°53	0°36	14°28	12°27	21°59	7°58	6°53	7°58	20°47	n.a.	T 5
W 6	22 43 45	8°55'58	2♍ 1	8°42	1°33	25°36	0°49	14°34	12°29	21°57	7°59	6°49	7°55	20°54	n.a.	W 6
T 7	22 47 42	9°55'21	14°55	10°26	0°59	25°18	1° 2	14°40	12°32	21°55	8° 0	6°46	7°52	21° 1	n.a.	T 7
F 8	22 51 38	10°54'46	27°34	12°10	0°27	24°59	1°14	14°46	12°34	21°54	8° 1	6°44	7°48	21° 7	n.a.	F 8
S 9	22 55 35	11°54'14	9♎57	13°53	29♌56	24°40	1°27	14°52	12°36	21°52	8° 2	6°D44	7°45	21°14	n.a.	S 9
S 10	22 59 31	12°53'43	22° 7	15°35	29°26	24°21	1°40	14°59	12°38	21°51	8° 3	6°45	7°42	21°21	n.a.	S 10
M11	23 3 28	13°53'15	4♏ 7	17°16	28°59	24° 1	1°53	15° 5	12°40	21°49	8° 4	6°46	7°39	21°27	n.a.	M11
T 12	23 7 24	14°52'48	15°59	18°57	28°33	23°41	2° 6	15°12	12°43	21°48	8° 5	6°48	7°36	21°34	n.a.	T 12
W13	23 11 21	15°52'24	27°49	20°37	28°10	23°21	2°19	15°18	12°45	21°46	8° 6	6°50	7°33	21°41	n.a.	W13
T 14	23 15 17	16°52'01	9♐40	22°16	27°48	23° 1	2°32	15°24	12°48	21°45	8° 6	6°51	7°29	21°47	n.a.	T 14
F 15	23 19 14	17°51'40	21°38	23°55	27°29	22°41	2°45	15°31	12°50	21°43	8° 7	6°R51	7°26	21°54	n.a.	F 15
S 16	23 23 11	18°51'21	3♑48	25°33	27°12	22°21	2°58	15°37	12°53	21°42	8° 8	6°50	7°23	22° 1	n.a.	S 16
S 17	23 27 7	19°51'04	16°14	27°10	26°58	22° 0	3°11	15°44	12°55	21°40	8° 9	6°48	7°20	22° 7	n.a.	S 17
M18	23 31 4	20°50'49	28°59	28°47	26°46	21°40	3°24	15°51	12°58	21°39	8° 9	6°46	7°17	22°14	n.a.	M18
T 19	23 35 0	21°50'35	12♒ 6	0♎23	26°36	21°20	3°37	15°57	13° 0	21°38	8°10	6°44	7°13	22°21	n.a.	T 19
W20	23 38 57	22°50'24	25°37	1°58	26°29	21° 0	3°50	16° 4	13° 3	21°36	8°11	6°42	7°10	22°27	n.a.	W20
T 21	23 42 53	23°50'14	9♓31	3°33	26°24	20°40	4° 3	16°11	13° 6	21°35	8°11	6°41	7° 7	22°34	n.a.	T 21
F 22	23 46 50	24°50'06	23°44	5° 7	26°D22	20°21	4°16	16°17	13° 8	21°34	8°12	6°40	7° 4	22°41	n.a.	F 22
S 23	23 50 46	25°50'01	8♈12	6°41	26°22	20° 1	4°29	16°24	13°11	21°32	8°13	6°D40	7° 1	22°48	n.a.	S 23
S 24	23 54 43	26°49'57	22°50	8°14	26°24	19°42	4°42	16°31	13°14	21°31	8°13	6°40	6°58	22°54	n.a.	S 24
M25	23 58 40	27°49'56	7♉30	9°46	26°29	19°24	4°56	16°38	13°17	21°30	8°14	6°41	6°54	23° 1	n.a.	M25
T 26	0 2 36	28°49'57	22° 8	11°18	26°36	19° 6	5° 9	16°44	13°19	21°28	8°14	6°41	6°51	23° 8	n.a.	T 26
W27	0 6 33	29°50'00	6♊36	12°50	26°46	18°48	5°22	16°51	13°22	21°27	8°15	6°42	6°48	23°14	n.a.	W27
T 28	0 10 29	0♎50'05	20°53	14°21	26°58	18°31	5°35	16°58	13°25	21°26	8°15	6°42	6°45	23°21	n.a.	T 28
F 29	0 14 26	1°50'13	4♋55	15°51	27°11	18°14	5°48	17° 5	13°28	21°25	8°15	6°R42	6°42	23°28	n.a.	F 29
S 30	0 18 22	2♎50'23	18♋41	17♎21	27♌27	17♓58	6♎ 2	17♎12	13♏31	21♒24	8♋16	6♈42	6♈38	23♏34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n10	28n40	5n 4	13n17	1n43	1n48	8s47	5s26	4s36	1n10	1n11	3s29	2n19	15s30	0n14	15s27	1s12	28n35	5n 6	2n53	3n17	21s23		n.a.
S 2	9 48	28 41	5 12	12 35	1 40	2 2	8 45	5 31	4 35	1 5	1 10	3 31	2 19	15 31	0 14	15 27	1 12	28 35	5 6	2 51	3 16	21 25		n.a.
S 3	9 26	26 54	5 2	11 52	1 36	2 18	8 42	5 36	4 34	1 0	1 10	3 34	2 19	15 31	0 14	15 28	1 12	28 36	5 7	2 50	3 14	21 28		n.a.
M 4	9 4	23 34	4 35	11 9	1 32	2 35	8 38	5 42	4 32	0 55	1 10	3 36	2 19	15 32	0 14	15 28	1 12	28 36	5 7	2 48	3 13	21 30		n.a.
T 5	8 42	19 2	3 53	10 25	1 28	2 52	8 33	5 47	4 30	0 50	1 10	3 39	2 18	15 33	0 14	15 29	1 12	28 36	5 7	2 46	3 12	21 32		n.a.
W 6	8 19	13 40	2 59	9 41	1 23	3 9	8 28	5 52	4 29	0 44	1 10	3 41	2 18	15 33	0 14	15 30	1 12	28 36	5 7	2 44	3 11	21 35		n.a.
T 7	7 57	7 48	1 57	8 57	1 18	3 27	8 21	5 58	4 27	0 39	1 10	3 44	2 18	15 34	0 14	15 30	1 12	28 36	5 7	2 43	3 9	21 37		n.a.
F 8	7 34	1 45	0 50	8 12	1 13	3 45	8 14	6 3	4 25	0 34	1 10	3 46	2 18	15 35	0 14	15 31	1 12	28 36	5 8	2 42	3 8	21 40		n.a.
S 9	7 11	4s16	0s18	7 27	1 7	4 3	8 6	6 9	4 22	0 29	1 10	3 49	2 18	15 35	0 14	15 31	1 12	28 36	5 8	2 42	3 7	21 42		n.a.
S 10	6 48	10 0	1 24	6 42	1 2	4 22	7 57	6 14	4 20	0 24	1 10	3 51	2 18	15 36	0 14	15 32	1 12	28 36	5 8	2 43	3 5	21 45		n.a.
M11	6 25	15 19	2 25	5 57	0 56	4 40	7 48	6 20	4 18	0 18	1 10	3 54	2 18	15 37	0 14	15 32	1 12	28 37	5 8	2 43	3 4	21 47		n.a.
T 12	6 2	20 0	3 20	5 11	0 50	4 58	7 38	6 26	4 15	0 13	1 10	3 57	2 18	15 38	0 14	15 33	1 12	28 37	5 8	2 44	3 3	21 49		n.a.
W13	5 38	23 54	4 6	4 26	0 44	5 16	7 27	6 31	4 12	0 8	1 9	3 59	2 17	15 38	0 14	15 33	1 12	28 37	5 9	2 45	3 2	21 52		n.a.
T 14	5 15	26 48	4 41	3 41	0 38	5 34	7 16	6 37	4 9	0 3	1 9	4 2	2 17	15 39	0 14	15 33	1 12	28 37	5 9	2 45	3 0	21 54		n.a.
F 15	4 51	28 32	5 5	2 55	0 31	5 51	7 5	6 42	4 7	0s 3	1 9	4 5	2 17	15 40	0 14	15 34	1 12	28 37	5 9	2 45	2 59	21 57		n.a.
S 16	4 28	28 56	5 15	2 10	0 25	6 8	6 53	6 48	4 3	0 8	1 9	4 7	2 17	15 41	0 14	15 34	1 12	28 37	5 9	2 45	2 58	21 59		n.a.
S 17	4 4	27 53	5 12	1 25	0 18	6 24	6 41	6 53	4 0	0 13	1 9	4 10	2 17	15 41	0 14	15 35	1 12	28 37	5 9	2 44	2 57	22 1		n.a.
M18	3 40	25 23	4 53	0 40	0 12	6 40	6 28	6 58	3 57	0 19	1 9	4 12	2 17	15 42	0 13	15 35	1 12	28 38	5 10	2 43	2 55	22 4		n.a.
T 19	3 16	21 29	4 18	0s 5	0 5	6 55	6 15	7 3	3 54	0 24	1 9	4 15	2 17	15 43	0 13	15 36	1 12	28 38	5 10	2 42	2 54	22 6		n.a.
W20	2 53	16 24	3 28	0 49	0s 2	7 10	6 3	7 8	3 50	0 29	1 9	4 18	2 17	15 44	0 13	15 36	1 12	28 38	5 10	2 42	2 53	22 9		n.a.
T 21	2 29	10 20	2 25	1 33	0 8	7 24	5 50	7 12	3 47	0 35	1 9	4 20	2 17	15 45	0 13	15 37	1 12	28 38	5 10	2 41	2 52	22 11		n.a.
F 22	2 5	3 36	1 11	2 17	0 15	7 37	5 36	7 17	3 43	0 40	1 9	4 23	2 16	15 46	0 13	15 37	1 12	28 38	5 10	2 41	2 50	22 13		n.a.
S 23	1 41	3n25	0n 9	3 1	0 22	7 49	5 23	7 21	3 40	0 45	1 9	4 26	2 16	15 46	0 13	15 37	1 12	28 38	5 11	2 41	2 49	22 16		n.a.
S 24	1 16	10 21	1 28	3 44	0 29	8 1	5 10	7 25	3 36	0 51	1 9	4 29	2 16	15 47	0 13	15 38	1 12	28 39	5 11	2 41	2 48	22 18		n.a.
M25	0 52	16 45	2 43	4 27	0 35	8 11	4 57	7 29	3 32	0 56	1 9	4 31	2 16	15 48	0 13	15 38	1 12	28 39	5 11	2 41	2 46	22 20		n.a.
T 26	0 28	22 10	3 46	5 10	0 42	8 21	4 44	7 33	3 28	1 1	1 9	4 34	2 16	15 49	0 13	15 39	1 12	28 39	5 11	2 41	2 45	22 23		n.a.
W27	0 4	26 11	4 35	5 52	0 49	8 30	4 31	7 36	3 24	1 7	1 9	4 37	2 16	15 50	0 13	15 39	1 11	28 39	5 11	2 41	2 44	22 25		n.a.
T 28	0s20	28 29	5 5	6 34	0 55	8 38	4 18	7 40	3 20	1 12	1 9	4 39	2 16	15 51	0 13	15 39	1 11	28 39	5 12	2 42	2 43	22 27		n.a.
F 29	0 44	28 55	5 17	7 16	1 2	8 46	4 5	7 43	3 16	1 17	1 9	4 42	2 16	15 52	0 13	15 40	1 11	28 40	5 12	2 42	2 41	22 30		n.a.
S 30	1s 9	27n32	5n10	7s57	1s 8	8n52	3s52	7s45	3s12	1s23	1n 9	4s45	2n16	15s53	0n13	15s40	1s11	28n40	5n12	2n42	2n40	22s32		n.a.

Julian Day Number = 1617570.5, Delta T = 03h49m29s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'47, Lahiri = - 7°52'47 Julian Calendar 1 Sept. 285 BCE == Greg. Calendar 28 Aug. 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

OCTOBER 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 22 19	3♎50'36	2♌11	18♎50	27♌45	17°R42	6♎15	17♎19	13♏34	21°R23	8♋16	6°R42	6♈35	23♏41	n.a.	S 1
M 2	0 26 15	4°50'50	15°26	20°19	28° 5	17♓27	6°28	17°26	13°37	21♒21	8°17	6♈42	6°32	23°48	n.a.	M 2
T 3	0 30 12	5°51'06	28°26	21°48	28°27	17°13	6°41	17°33	13°40	21°20	8°17	6°42	6°29	23°54	n.a.	T 3
W 4	0 34 9	6°51'25	11♍12	23°16	28°51	16°59	6°55	17°40	13°43	21°19	8°17	6°D41	6°26	24° 1	n.a.	W 4
T 5	0 38 5	7°51'45	23°46	24°43	29°16	16°47	7° 8	17°47	13°47	21°18	8°17	6°42	6°23	24° 8	n.a.	T 5
F 6	0 42 2	8°52'08	6♎ 8	26°10	29°43	16°34	7°21	17°54	13°50	21°17	8°18	6°R42	6°19	24°14	n.a.	F 6
S 7	0 45 58	9°52'32	18°20	27°36	0♍12	16°23	7°34	18° 1	13°53	21°16	8°18	6°42	6°16	24°21	n.a.	S 7
S 8	0 49 55	10°52'58	0♏22	29° 1	0°43	16°12	7°48	18° 8	13°56	21°15	8°18	6°41	6°13	24°28	n.a.	S 8
M 9	0 53 51	11°53'25	12°18	0♏26	1°15	16° 3	8° 1	18°15	13°59	21°14	8°18	6°41	6°10	24°35	n.a.	M 9
T 10	0 57 48	12°53'55	24° 9	1°50	1°48	15°54	8°14	18°22	14° 3	21°14	8°18	6°40	6° 7	24°41	n.a.	T 10
W11	1 1 44	13°54'26	5♐58	3°13	2°23	15°45	8°27	18°29	14° 6	21°13	8°18	6°39	6° 4	24°48	n.a.	W11
T 12	1 5 41	14°54'58	17°49	4°35	2°59	15°38	8°41	18°36	14° 9	21°12	8°18	6°38	6° 0	24°55	n.a.	T 12
F 13	1 9 37	15°55'32	29°46	5°56	3°37	15°31	8°54	18°43	14°13	21°11	8°18	6°37	5°57	25° 1	n.a.	F 13
S 14	1 13 34	16°56'07	11♑52	7°17	4°16	15°26	9° 7	18°50	14°16	21°10	8°R18	6°D37	5°54	25° 8	n.a.	S 14
S 15	1 17 31	17°56'44	24°13	8°35	4°56	15°21	9°20	18°57	14°19	21°10	8°18	6°37	5°51	25°15	n.a.	S 15
M16	1 21 27	18°57'22	6♒53	9°53	5°37	15°17	9°34	19° 4	14°23	21° 9	8°18	6°37	5°48	25°21	n.a.	M16
T 17	1 25 24	19°58'01	19°56	11° 9	6°19	15°13	9°47	19°11	14°26	21° 8	8°18	6°38	5°44	25°28	n.a.	T 17
W18	1 29 20	20°58'42	3♓24	12°23	7° 3	15°11	10° 0	19°18	14°30	21° 7	8°18	6°39	5°41	25°35	n.a.	W18
T 19	1 33 17	21°59'23	17°19	13°35	7°47	15° 9	10°13	19°25	14°33	21° 7	8°18	6°40	5°38	25°41	n.a.	T 19
F 20	1 37 13	23° 0'06	1♈40	14°45	8°33	15° 8	10°26	19°32	14°37	21° 6	8°18	6°R41	5°35	25°48	n.a.	F 20
S 21	1 41 10	24° 0'51	16°24	15°52	9°20	15°D 8	10°39	19°40	14°40	21° 6	8°18	6°41	5°32	25°55	n.a.	S 21
S 22	1 45 6	25° 1'36	1♉23	16°57	10° 7	15° 9	10°52	19°47	14°44	21° 5	8°18	6°40	5°29	26° 2	n.a.	S 22
M23	1 49 3	26° 2'24	16°29	17°58	10°55	15°11	11° 5	19°54	14°47	21° 5	8°17	6°38	5°25	26° 8	n.a.	M23
T 24	1 53 0	27° 3'13	1♊32	18°55	11°45	15°13	11°18	20° 1	14°51	21° 4	8°17	6°35	5°22	26°15	n.a.	T 24
W25	1 56 56	28° 4'03	16°25	19°48	12°35	15°16	11°31	20° 8	14°54	21° 4	8°17	6°32	5°19	26°22	n.a.	W25
T 26	2 0 53	29° 4'55	1♋ 0	20°36	13°26	15°20	11°44	20°15	14°58	21° 3	8°16	6°30	5°16	26°28	n.a.	T 26
F 27	2 4 49	0♏ 5'49	15°13	21°19	14°18	15°24	11°57	20°22	15° 1	21° 3	8°16	6°28	5°13	26°35	n.a.	F 27
S 28	2 8 46	1° 6'44	29° 1	21°55	15°10	15°30	12°10	20°29	15° 5	21° 3	8°16	6°D27	5°10	26°42	n.a.	S 28
S 29	2 12 42	2° 7'40	12♌25	22°25	16° 3	15°36	12°23	20°36	15° 9	21° 2	8°15	6°27	5° 6	26°48	n.a.	S 29
M30	2 16 39	3° 8'38	25°28	22°47	16°57	15°42	12°36	20°43	15°12	21° 2	8°15	6°29	5° 3	26°55	n.a.	M30
T 31	2 20 36	4♏ 9'38	8♍13	23♏ 0	17♍52	15♓50	12♎49	20♎50	15♏16	21♒ 2	8♋14	6♈30	5♈ 0	27♏ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s33	24n34	4n47	8s37	1s15	8n58	3s40	7s48	3s 8	1s28	1n 8	4s48	2n16	15s54	0n13	15s41	1s11	28n40	5n12	2n41	2n39	22s34		n.a.
M 2	1 57	20 21	4 8	9 17	1 21	9 3	3 27	7 50	3 4	1 33	1 8	4 50	2 16	15 55	0 13	15 41	1 11	28 40	5 13	2 41	2 38	22 37		n.a.
T 3	2 21	15 14	3 17	9 56	1 27	9 6	3 15	7 52	3 0	1 39	1 8	4 53	2 16	15 56	0 13	15 41	1 11	28 40	5 13	2 41	2 36	22 39		n.a.
W 4	2 45	9 33	2 17	10 35	1 33	9 9	3 3	7 53	2 56	1 44	1 8	4 56	2 16	15 57	0 13	15 42	1 11	28 40	5 13	2 41	2 35	22 41		n.a.
T 5	3 9	3 35	1 11	11 13	1 39	9 12	2 51	7 55	2 52	1 49	1 8	4 59	2 16	15 57	0 13	15 42	1 11	28 41	5 13	2 41	2 34	22 43		n.a.
F 6	3 33	2s25	0 3	11 51	1 45	9 13	2 40	7 56	2 48	1 55	1 8	5 1	2 15	15 58	0 13	15 42	1 11	28 41	5 13	2 41	2 32	22 46		n.a.
S 7	3 57	8 15	1s 4	12 27	1 50	9 13	2 28	7 56	2 43	2 0	1 8	5 4	2 15	15 59	0 13	15 42	1 11	28 41	5 14	2 41	2 31	22 48		n.a.
S 8	4 21	13 44	2 8	13 3	1 55	9 13	2 17	7 57	2 39	2 5	1 8	5 7	2 15	16 0	0 13	15 43	1 11	28 41	5 14	2 41	2 30	22 50		n.a.
M 9	4 45	18 39	3 5	13 38	2 1	9 12	2 6	7 57	2 35	2 10	1 8	5 9	2 15	16 1	0 13	15 43	1 11	28 41	5 14	2 41	2 29	22 53		n.a.
T 10	5 9	22 49	3 54	14 13	2 5	9 10	1 55	7 57	2 31	2 16	1 8	5 12	2 15	16 2	0 13	15 43	1 11	28 42	5 14	2 41	2 27	22 55		n.a.
W11	5 33	26 2	4 33	14 46	2 10	9 7	1 45	7 56	2 27	2 21	1 8	5 15	2 15	16 3	0 13	15 44	1 11	28 42	5 14	2 40	2 26	22 57		n.a.
T 12	5 57	28 9	5 0	15 19	2 14	9 4	1 34	7 55	2 23	2 26	1 8	5 18	2 15	16 4	0 13	15 44	1 11	28 42	5 15	2 40	2 25	22 59		n.a.
F 13	6 20	28 58	5 15	15 50	2 18	9 0	1 24	7 54	2 19	2 32	1 8	5 20	2 15	16 5	0 13	15 44	1 11	28 42	5 15	2 39	2 24	23 2		n.a.
S 14	6 44	28 26	5 15	16 21	2 22	8 55	1 14	7 53	2 15	2 37	1 8	5 23	2 15	16 6	0 13	15 44	1 11	28 43	5 15	2 39	2 22	23 4		n.a.
S 15	7 7	26 29	5 2	16 50	2 25	8 49	1 5	7 51	2 11	2 42	1 8	5 26	2 15	16 7	0 13	15 44	1 11	28 43	5 15	2 39	2 21	23 6		n.a.
M16	7 31	23 11	4 34	17 18	2 28	8 42	0 55	7 49	2 7	2 47	1 8	5 29	2 15	16 8	0 13	15 45	1 11	28 43	5 16	2 40	2 20	23 8		n.a.
T 17	7 54	18 40	3 51	17 44	2 31	8 35	0 46	7 47	2 3	2 53	1 8	5 31	2 15	16 10	0 13	15 45	1 11	28 43	5 16	2 40	2 18	23 10		n.a.
W18	8 17	13 5	2 54	18 10	2 33	8 27	0 37	7 44	1 59	2 58	1 8	5 34	2 15	16 11	0 13	15 45	1 11	28 43	5 16	2 40	2 17	23 13		n.a.
T 19	8 40	6 41	1 45	18 33	2 34	8 19	0 28	7 42	1 56	3 3	1 8	5 37	2 15	16 12	0 13	15 45	1 11	28 44	5 16	2 41	2 16	23 15		n.a.
F 20	9 3	0n15	0 28	18 56	2 35	8 9	0 20	7 38	1 52	3 8	1 8	5 39	2 15	16 13	0 13	15 45	1 11	28 44	5 16	2 41	2 15	23 17		n.a.
S 21	9 26	7 21	0n53	19 16	2 36	7 59	0 12	7 35	1 48	3 13	1 8	5 42	2 15	16 14	0 13	15 46	1 11	28 44	5 17	2 41	2 13	23 19		n.a.
S 22	9 48	14 9	2 12	19 35	2 35	7 49	0 3	7 31	1 45	3 19	1 8	5 45	2 15	16 15	0 13	15 46	1 11	28 44	5 17	2 41	2 12	23 21		n.a.
M23	10 11	20 11	3 22	19 51	2 34	7 38	0n 4	7 27	1 41	3 24	1 8	5 47	2 15	16 16	0 13	15 46	1 11	28 45	5 17	2 40	2 11	23 24		n.a.
T 24	10 33	24 56	4 18	20 6	2 32	7 26	0 12	7 23	1 37	3 29	1 8	5 50	2 15	16 17	0 13	15 46	1 11	28 45	5 17	2 39	2 10	23 26		n.a.
W25	10 55	27 56	4 56	20 18	2 29	7 13	0 20	7 19	1 34	3 34	1 8	5 53	2 15	16 18	0 13	15 46	1 11	28 45	5 17	2 38	2 8	23 28		n.a.
T 26	11 17	28 57	5 13	20 27	2 26	7 0	0 27	7 14	1 30	3 39	1 8	5 55	2 15	16 19	0 13	15 46	1 11	28 45	5 18	2 37	2 7	23 30		n.a.
F 27	11 39	28 0	5 11	20 34	2 21	6 46	0 34	7 9	1 27	3 44	1 8	5 58	2 15	16 20	0 13	15 46	1 11	28 45	5 18	2 36	2 6	23 32		n.a.
S 28	12 0	25 21	4 51	20 38	2 15	6 32	0 41	7 4	1 24	3 49	1 8	6 1	2 15	16 21	0 13	15 46	1 11	28 46	5 18	2 36	2 4	23 34		n.a.
S 29	12 22	21 21	4 15	20 39	2 7	6 17	0 47	6 59	1 20	3 54	1 8	6 3	2 15	16 22	0 13	15 46	1 11	28 46	5 18	2 36	2 3	23 37		n.a.
M30	12 43	16 25	3 27	20 36	1 59	6 2	0 54	6 53	1 17	3 59	1 8	6 6	2 15	16 23	0 13	15 46	1 11	28 46	5 18	2 36	2 2	23 39		n.a.
T 31	13s 4	10n54	2n29	20s30	1s49	5n46	1n 0	6s47	1s14	4s 4	1n 8	6s 8	2n15	16s24	0n13	15s47	1s11	28n46	5n19	2n37	2n 1	23s41		n.a.

Julian Day Number = 1617600.5, Delta T = 03h49m28s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'43, Lahiri = - 7°52'43 Julian Calendar 1 Oct. 285 BCE == Greg. Calendar 27 Sept. 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

NOVEMBER 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 24 32	5♏10'38	20♍42	23°R 4	18♍47	15♓58	13♎ 2	20♎56	15♏19	21°R 2	8°R14	6♈32	4♈57	27♏ 8	n.a.	W 1
T 2	2 28 29	6°11'40	2♎59	22♏57	19°43	16° 7	13°14	21° 3	15°23	21♒ 2	8♋13	6°R33	4°54	27°15	n.a.	T 2
F 3	2 32 25	7°12'44	15° 6	22°40	20°40	16°16	13°27	21°10	15°27	21° 1	8°13	6°33	4°50	27°22	n.a.	F 3
S 4	2 36 22	8°13'48	27° 6	22°12	21°37	16°26	13°40	21°17	15°30	21° 1	8°12	6°31	4°47	27°29	n.a.	S 4
S 5	2 40 18	9°14'53	9♏ 1	21°33	22°34	16°37	13°53	21°24	15°34	21° 1	8°12	6°27	4°44	27°35	n.a.	S 5
M 6	2 44 15	10°16'00	20°53	20°42	23°33	16°49	14° 5	21°31	15°38	21°D 1	8°11	6°22	4°41	27°42	n.a.	M 6
T 7	2 48 11	11°17'07	2♐43	19°42	24°31	17° 1	14°18	21°38	15°41	21° 1	8°11	6°15	4°38	27°49	n.a.	T 7
W 8	2 52 8	12°18'15	14°34	18°32	25°31	17°13	14°30	21°44	15°45	21° 1	8°10	6° 8	4°35	27°55	n.a.	W 8
T 9	2 56 5	13°19'24	26°26	17°16	26°30	17°27	14°43	21°51	15°49	21° 1	8° 9	6° 1	4°31	28° 2	n.a.	T 9
F 10	3 0 1	14°20'33	8♑24	15°55	27°30	17°40	14°55	21°58	15°52	21° 2	8° 9	5°55	4°28	28° 9	n.a.	F 10
S 11	3 3 58	15°21'43	20°30	14°32	28°31	17°55	15° 8	22° 5	15°56	21° 2	8° 8	5°50	4°25	28°15	n.a.	S 11
S 12	3 7 54	16°22'53	2♒48	13°10	29°32	18°10	15°20	22°11	16° 0	21° 2	8° 7	5°47	4°22	28°22	n.a.	S 12
M13	3 11 51	17°24'04	15°21	11°52	0♎33	18°25	15°32	22°18	16° 3	21° 2	8° 6	5°D46	4°19	28°29	n.a.	M13
T 14	3 15 47	18°25'15	28°15	10°39	1°35	18°41	15°44	22°25	16° 7	21° 2	8° 6	5°46	4°15	28°36	n.a.	T 14
W15	3 19 44	19°26'26	11♓33	9°35	2°37	18°58	15°56	22°31	16°11	21° 3	8° 5	5°48	4°12	28°42	n.a.	W15
T 16	3 23 40	20°27'38	25°18	8°41	3°40	19°15	16° 9	22°38	16°14	21° 3	8° 4	5°49	4° 9	28°49	n.a.	T 16
F 17	3 27 37	21°28'50	9♈32	7°57	4°43	19°33	16°21	22°44	16°18	21° 3	8° 3	5°R49	4° 6	28°56	n.a.	F 17
S 18	3 31 34	22°30'02	24°12	7°24	5°46	19°51	16°33	22°51	16°22	21° 4	8° 2	5°48	4° 3	29° 2	n.a.	S 18
S 19	3 35 30	23°31'14	9♉15	7° 2	6°50	20° 9	16°44	22°57	16°25	21° 4	8° 1	5°44	4° 0	29° 9	n.a.	S 19
M20	3 39 27	24°32'27	24°32	6°50	7°54	20°28	16°56	23° 3	16°29	21° 5	8° 0	5°38	3°56	29°16	n.a.	M20
T 21	3 43 23	25°33'41	9♊52	6°D49	8°58	20°47	17° 8	23°10	16°33	21° 5	7°59	5°31	3°53	29°22	n.a.	T 21
W22	3 47 20	26°34'54	25° 4	6°57	10° 3	21° 7	17°20	23°16	16°36	21° 6	7°58	5°23	3°50	29°29	n.a.	W22
T 23	3 51 16	27°36'09	9♋59	7°14	11° 8	21°27	17°31	23°22	16°40	21° 6	7°57	5°15	3°47	29°36	n.a.	T 23
F 24	3 55 13	28°37'23	24°28	7°39	12°13	21°48	17°43	23°29	16°44	21° 7	7°56	5° 8	3°44	29°43	n.a.	F 24
S 25	3 59 9	29°38'38	8♌28	8°11	13°18	22° 9	17°55	23°35	16°47	21° 8	7°55	5° 4	3°41	29°49	n.a.	S 25
S 26	4 3 6	0♐39'54	21°58	8°49	14°24	22°30	18° 6	23°41	16°51	21° 8	7°54	5° 2	3°37	29°56	n.a.	S 26
M27	4 7 3	1°41'10	5♍ 2	9°33	15°30	22°52	18°17	23°47	16°54	21° 9	7°53	5°D 1	3°34	0♐ 3	n.a.	M27
T 28	4 10 59	2°42'26	17°42	10°22	16°36	23°14	18°29	23°53	16°58	21°10	7°52	5° 2	3°31	0° 9	n.a.	T 28
W29	4 14 56	3°43'42	0♎ 3	11°16	17°43	23°37	18°40	23°59	17° 2	21°10	7°51	5°R 3	3°28	0°16	n.a.	W29
T 30	4 18 52	4♐44'59	12♎11	12♏13	18♎50	24♓ 0	18♎51	24♎ 5	17♏ 5	21♒11	7♋50	5♈ 3	3♈25	0♐23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13 s24	5n 3	1n26	20 s20	1 s37	5n30	1n 6	6 s41	1 s11	4 s 9	1n 8	6 s11	2n15	16 s26	0n13	15 s47	1 s11	28n47	5n19	2n38	1n59	23 s43		n.a.
T 2	13 45	0 s54	0 20	20 6	1 24	5 13	1 11	6 35	1 8	4 14	1 8	6 14	2 15	16 27	0 13	15 47	1 11	28 47	5 19	2 38	1 58	23 45		n.a.
F 3	14 5	6 44	0 s47	19 47	1 10	4 55	1 17	6 28	1 5	4 19	1 8	6 16	2 15	16 28	0 13	15 47	1 11	28 47	5 19	2 38	1 57	23 47		n.a.
S 4	14 25	12 16	1 50	19 24	0 53	4 37	1 22	6 22	1 2	4 24	1 8	6 19	2 15	16 29	0 13	15 47	1 11	28 47	5 20	2 37	1 55	23 49		n.a.
S 5	14 45	17 20	2 48	18 57	0 36	4 19	1 28	6 15	0 59	4 29	1 8	6 21	2 15	16 30	0 13	15 47	1 11	28 48	5 20	2 36	1 54	23 51		n.a.
M 6	15 5	21 42	3 38	18 25	0 17	4 0	1 33	6 8	0 56	4 34	1 9	6 24	2 15	16 31	0 13	15 47	1 10	28 48	5 20	2 33	1 53	23 53		n.a.
T 7	15 24	25 11	4 19	17 50	0n 3	3 41	1 37	6 0	0 53	4 39	1 9	6 26	2 15	16 32	0 13	15 47	1 10	28 48	5 20	2 31	1 52	23 55		n.a.
W 8	15 43	27 36	4 49	17 11	0 23	3 22	1 42	5 53	0 51	4 44	1 9	6 29	2 16	16 33	0 13	15 46	1 10	28 48	5 20	2 28	1 50	23 58		n.a.
T 9	16 2	28 47	5 6	16 30	0 44	3 2	1 46	5 45	0 48	4 49	1 9	6 31	2 16	16 34	0 13	15 46	1 10	28 49	5 21	2 25	1 49	24 0		n.a.
F 10	16 20	28 37	5 10	15 47	1 4	2 41	1 51	5 37	0 45	4 54	1 9	6 34	2 16	16 35	0 13	15 46	1 10	28 49	5 21	2 23	1 48	24 2		n.a.
S 11	16 38	27 5	5 0	15 4	1 23	2 21	1 55	5 29	0 43	4 58	1 9	6 36	2 16	16 36	0 13	15 46	1 10	28 49	5 21	2 21	1 47	24 4		n.a.
S 12	16 56	24 15	4 36	14 22	1 41	2 0	1 58	5 21	0 40	5 3	1 9	6 39	2 16	16 37	0 13	15 46	1 10	28 49	5 21	2 20	1 45	24 6		n.a.
M13	17 14	20 14	3 59	13 43	1 58	1 38	2 2	5 12	0 38	5 8	1 9	6 41	2 16	16 39	0 13	15 46	1 10	28 49	5 21	2 19	1 44	24 8		n.a.
T 14	17 31	15 11	3 9	13 7	2 12	1 17	2 6	5 4	0 35	5 13	1 9	6 44	2 16	16 40	0 13	15 46	1 10	28 50	5 21	2 19	1 43	24 10		n.a.
W15	17 48	9 17	2 8	12 35	2 24	0 55	2 9	4 55	0 33	5 17	1 9	6 46	2 16	16 41	0 13	15 46	1 10	28 50	5 22	2 20	1 41	24 12		n.a.
T 16	18 5	2 45	0 57	12 8	2 34	0 33	2 12	4 46	0 30	5 22	1 9	6 48	2 16	16 42	0 13	15 46	1 10	28 50	5 22	2 20	1 40	24 14		n.a.
F 17	18 21	4n 8	0n20	11 46	2 42	0 10	2 15	4 37	0 28	5 26	1 9	6 51	2 16	16 43	0 13	15 46	1 10	28 50	5 22	2 20	1 39	24 16		n.a.
S 18	18 37	11 0	1 38	11 30	2 48	0 s13	2 18	4 28	0 26	5 31	1 9	6 53	2 16	16 44	0 13	15 45	1 10	28 51	5 22	2 20	1 38	24 18		n.a.
S 19	18 53	17 26	2 50	11 19	2 52	0 36	2 21	4 18	0 24	5 36	1 9	6 55	2 16	16 45	0 13	15 45	1 10	28 51	5 22	2 18	1 36	24 20		n.a.
M20	19 8	22 52	3 52	11 14	2 54	0 59	2 23	4 9	0 21	5 40	1 9	6 58	2 16	16 46	0 13	15 45	1 10	28 51	5 23	2 16	1 35	24 22		n.a.
T 21	19 23	26 45	4 37	11 13	2 54	1 22	2 25	3 59	0 19	5 45	1 9	7 0	2 17	16 47	0 13	15 45	1 10	28 51	5 23	2 13	1 34	24 24		n.a.
W22	19 38	28 40	5 2	11 17	2 53	1 46	2 28	3 49	0 17	5 49	1 9	7 2	2 17	16 48	0 13	15 45	1 10	28 52	5 23	2 10	1 33	24 26		n.a.
T 23	19 52	28 26	5 5	11 25	2 50	2 10	2 30	3 39	0 15	5 53	1 10	7 4	2 17	16 49	0 13	15 44	1 10	28 52	5 23	2 7	1 31	24 28		n.a.
F 24	20 6	26 14	4 49	11 36	2 47	2 34	2 31	3 29	0 13	5 58	1 10	7 7	2 17	16 50	0 13	15 44	1 10	28 52	5 23	2 4	1 30	24 30		n.a.
S 25	20 19	22 29	4 16	11 50	2 43	2 58	2 33	3 19	0 11	6 2	1 10	7 9	2 17	16 51	0 13	15 44	1 10	28 52	5 23	2 2	1 29	24 32		n.a.
S 26	20 32	17 39	3 30	12 8	2 38	3 22	2 35	3 9	0 9	6 7	1 10	7 11	2 17	16 52	0 13	15 44	1 10	28 53	5 24	2 1	1 27	24 34		n.a.
M27	20 45	12 10	2 34	12 27	2 32	3 47	2 36	2 58	0 7	6 11	1 10	7 13	2 17	16 53	0 13	15 43	1 10	28 53	5 24	2 1	1 26	24 36		n.a.
T 28	20 57	6 19	1 32	12 48	2 26	4 11	2 37	2 48	0 5	6 15	1 10	7 15	2 17	16 54	0 13	15 43	1 10	28 53	5 24	2 2	1 25	24 38		n.a.
W29	21 9	0 23	0 27	13 12	2 19	4 36	2 38	2 37	0 4	6 19	1 10	7 17	2 17	16 55	0 13	15 43	1 10	28 53	5 24	2 2	1 24	24 40		n.a.
T 30	21 s21	5 s27	0 s38	13 s36	2n12	5 s 1	2n39	2 s26	0 s 2	6 s24	1n10	7 s19	2n17	16 s56	0n13	15 s43	1 s10	28n53	5n24	2n 2	1n22	24 s42		n.a.

Julian Day Number = 1617631.5, Delta T = 03h49m27s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'39, Lahiri = - 7°52'39 Julian Calendar 1 Nov. 285 BCE == Greg. Calendar 28 Oct. 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 285 BCE
geocentric

DECEMBER 285 BCE (-284) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 22 49	5♐46'16	24♎ 9	13♏14	19♎57	24♓23	19♎ 2	24♎11	17♏ 9	21♒12	7°R49	5°R 1	3♈21	0♐29	n.a.	F 1
S 2	4 26 45	6°47'33	6♏ 2	14°18	21° 4	24°47	19°13	24°17	17°12	21°13	7♋48	4♈56	3°18	0°36	n.a.	S 2
S 3	4 30 42	7°48'50	17°52	15°25	22°11	25°11	19°24	24°22	17°16	21°14	7°47	4°49	3°15	0°43	n.a.	S 3
M 4	4 34 39	8°50'07	29°42	16°35	23°19	25°35	19°35	24°28	17°19	21°15	7°45	4°38	3°12	0°50	n.a.	M 4
T 5	4 38 35	9°51'24	11♑33	17°47	24°27	25°59	19°45	24°34	17°23	21°16	7°44	4°26	3° 9	0°56	n.a.	T 5
W 6	4 42 32	10°52'41	23°28	19° 0	25°35	26°24	19°56	24°39	17°26	21°17	7°43	4°13	3° 6	1° 3	n.a.	W 6
T 7	4 46 28	11°53'57	5♑26	20°16	26°43	26°49	20° 7	24°45	17°30	21°18	7°42	3°59	3° 2	1°10	n.a.	T 7
F 8	4 50 25	12°55'13	17°31	21°33	27°51	27°15	20°17	24°50	17°33	21°19	7°41	3°47	2°59	1°16	n.a.	F 8
S 9	4 54 21	13°56'29	29°43	22°51	29° 0	27°41	20°27	24°56	17°36	21°20	7°39	3°37	2°56	1°23	n.a.	S 9
S 10	4 58 18	14°57'44	12♒ 4	24°11	0♏ 8	28° 7	20°38	25° 1	17°40	21°21	7°38	3°29	2°53	1°30	n.a.	S 10
M11	5 2 14	15°58'58	24°39	25°32	1°17	28°33	20°48	25° 7	17°43	21°22	7°37	3°25	2°50	1°36	n.a.	M11
T 12	5 6 11	17° 0'11	7♓29	26°54	2°26	28°59	20°58	25°12	17°47	21°23	7°36	3°23	2°47	1°43	n.a.	T 12
W13	5 10 8	18° 1'24	20°39	28°16	3°35	29°26	21° 8	25°17	17°50	21°25	7°34	3°D22	2°43	1°50	n.a.	W13
T 14	5 14 4	19° 2'35	4♈11	29°40	4°45	29°53	21°18	25°22	17°53	21°26	7°33	3°R22	2°40	1°57	n.a.	T 14
F 15	5 18 1	20° 3'46	18°10	1♐ 5	5°54	0♈21	21°27	25°27	17°56	21°27	7°32	3°22	2°37	2° 3	n.a.	F 15
S 16	5 21 57	21° 4'56	2♉35	2°31	7° 4	0°48	21°37	25°32	18° 0	21°29	7°30	3°19	2°34	2°10	n.a.	S 16
S 17	5 25 54	22° 6'05	17°23	3°57	8°13	1°16	21°46	25°37	18° 3	21°30	7°29	3°14	2°31	2°17	n.a.	S 17
M18	5 29 50	23° 7'13	2♊30	5°24	9°23	1°44	21°56	25°42	18° 6	21°31	7°28	3° 5	2°27	2°23	n.a.	M18
T 19	5 33 47	24° 8'20	17°46	6°52	10°33	2°12	22° 5	25°47	18° 9	21°33	7°26	2°55	2°24	2°30	n.a.	T 19
W20	5 37 44	25° 9'27	3♋ 1	8°20	11°43	2°41	22°14	25°51	18°12	21°34	7°25	2°43	2°21	2°37	n.a.	W20
T 21	5 41 40	26°10'33	18° 3	9°49	12°53	3° 9	22°23	25°56	18°15	21°35	7°24	2°32	2°18	2°44	n.a.	T 21
F 22	5 45 37	27°11'38	2♌42	11°19	14° 3	3°38	22°32	26° 0	18°19	21°37	7°22	2°22	2°15	2°50	n.a.	F 22
S 23	5 49 33	28°12'42	16°53	12°50	15°14	4° 7	22°41	26° 5	18°22	21°38	7°21	2°14	2°12	2°57	n.a.	S 23
S 24	5 53 30	29°13'46	0♍34	14°21	16°24	4°36	22°50	26° 9	18°25	21°40	7°20	2° 9	2° 8	3° 4	n.a.	S 24
M25	5 57 26	0♑14'48	13°45	15°52	17°35	5° 5	22°58	26°14	18°28	21°42	7°18	2° 7	2° 5	3°10	n.a.	M25
T 26	6 1 23	1°15'50	26°29	17°25	18°46	5°35	23° 7	26°18	18°31	21°43	7°17	2° 6	2° 2	3°17	n.a.	T 26
W27	6 5 19	2°16'52	8♎53	18°58	19°56	6° 5	23°15	26°22	18°34	21°45	7°15	2° 6	1°59	3°24	n.a.	W27
T 28	6 9 16	3°17'52	20°59	20°32	21° 7	6°35	23°23	26°26	18°36	21°46	7°14	2° 6	1°56	3°30	n.a.	T 28
F 29	6 13 13	4°18'52	2♏56	22° 6	22°18	7° 5	23°31	26°30	18°39	21°48	7°13	2° 3	1°53	3°37	n.a.	F 29
S 30	6 17 9	5°19'50	14°46	23°41	23°29	7°35	23°39	26°34	18°42	21°50	7°11	1°58	1°49	3°44	n.a.	S 30
S 31	6 21 6	6♑20'48	26♏34	25♐17	24♏40	8♈ 5	23♎47	26♎38	18♏45	21♒51	7♋10	1♈50	1♈46	3♐51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s32	11s 2	1s40	14s 2	2n 4	5s26	2n40	2s16	0s 0	6s28	1n10	7s22	2n18	16s58	0n13	15s42	1s10	28n54	5n24	2n 1	1n21	24s44		n.a.
S 2	21 43	16 10	2 37	14 28	1 57	5 50	2 41	2 4	0n 2	6 32	1 10	7 24	2 18	16 59	0 13	15 42	1 10	28 54	5 25	1 59	1 20	24 46		n.a.
S 3	21 53	20 40	3 27	14 55	1 49	6 15	2 41	1 53	0 3	6 36	1 10	7 26	2 18	17 0	0 13	15 42	1 10	28 54	5 25	1 56	1 18	24 47		n.a.
M 4	22 3	24 22	4 8	15 23	1 41	6 40	2 42	1 42	0 5	6 40	1 11	7 28	2 18	17 1	0 13	15 41	1 10	28 54	5 25	1 52	1 17	24 49		n.a.
T 5	22 12	27 2	4 38	15 51	1 33	7 5	2 42	1 31	0 7	6 44	1 11	7 30	2 18	17 2	0 13	15 41	1 10	28 55	5 25	1 47	1 16	24 51		n.a.
W 6	22 21	28 30	4 56	16 19	1 25	7 30	2 42	1 19	0 8	6 48	1 11	7 32	2 18	17 3	0 13	15 41	1 10	28 55	5 25	1 42	1 15	24 53		n.a.
T 7	22 29	28 38	5 1	16 48	1 17	7 55	2 42	1 8	0 10	6 52	1 11	7 33	2 18	17 4	0 13	15 40	1 10	28 55	5 25	1 36	1 13	24 55		n.a.
F 8	22 38	27 24	4 53	17 16	1 9	8 19	2 42	0 56	0 11	6 56	1 11	7 35	2 19	17 4	0 13	15 40	1 10	28 55	5 25	1 31	1 12	24 57		n.a.
S 9	22 45	24 52	4 31	17 44	1 1	8 44	2 42	0 45	0 13	6 59	1 11	7 37	2 19	17 5	0 13	15 40	1 10	28 55	5 26	1 27	1 11	24 59		n.a.
S 10	22 52	21 10	3 56	18 12	0 53	9 9	2 41	0 33	0 14	7 3	1 11	7 39	2 19	17 6	0 13	15 39	1 9	28 56	5 26	1 24	1 10	25 1		n.a.
M11	22 59	16 27	3 10	18 39	0 44	9 33	2 41	0 21	0 15	7 7	1 11	7 41	2 19	17 7	0 13	15 39	1 9	28 56	5 26	1 22	1 8	25 3		n.a.
T 12	23 5	10 55	2 13	19 7	0 36	9 58	2 40	0 9	0 17	7 11	1 11	7 43	2 19	17 8	0 13	15 38	1 9	28 56	5 26	1 21	1 7	25 4		n.a.
W13	23 11	4 47	1 7	19 33	0 29	10 22	2 39	0n 3	0 18	7 14	1 12	7 44	2 19	17 9	0 13	15 38	1 9	28 56	5 26	1 21	1 6	25 6		n.a.
T 14	23 16	1n45	0n 4	19 59	0 21	10 46	2 39	0 15	0 20	7 18	1 12	7 46	2 19	17 10	0 13	15 37	1 9	28 56	5 26	1 21	1 4	25 8		n.a.
F 15	23 21	8 24	1 17	20 25	0 13	11 10	2 38	0 27	0 21	7 21	1 12	7 48	2 20	17 11	0 13	15 37	1 9	28 57	5 26	1 21	1 3	25 10		n.a.
S 16	23 26	14 49	2 28	20 50	0 5	11 34	2 37	0 40	0 22	7 25	1 12	7 49	2 20	17 12	0 13	15 37	1 9	28 57	5 26	1 20	1 2	25 12		n.a.
S 17	23 30	20 35	3 30	21 14	0s 2	11 58	2 35	0 52	0 23	7 28	1 12	7 51	2 20	17 13	0 13	15 36	1 9	28 57	5 27	1 18	1 1	25 14		n.a.
M18	23 33	25 9	4 19	21 37	0 9	12 22	2 34	1 4	0 25	7 32	1 12	7 53	2 20	17 14	0 13	15 36	1 9	28 57	5 27	1 15	0 59	25 15		n.a.
T 19	23 36	27 58	4 50	22 0	0 17	12 45	2 33	1 17	0 26	7 35	1 12	7 54	2 20	17 15	0 13	15 35	1 9	28 57	5 27	1 10	0 58	25 17		n.a.
W20	23 39	28 42	5 0	22 21	0 24	13 8	2 31	1 29	0 27	7 39	1 12	7 56	2 20	17 16	0 13	15 35	1 9	28 58	5 27	1 6	0 57	25 19		n.a.
T 21	23 41	27 17	4 49	22 42	0 31	13 31	2 30	1 42	0 28	7 42	1 13	7 57	2 21	17 16	0 13	15 34	1 9	28 58	5 27	1 1	0 56	25 21		n.a.
F 22	23 42	24 0	4 20	23 2	0 37	13 54	2 28	1 55	0 29	7 45	1 13	7 59	2 21	17 17	0 13	15 34	1 9	28 58	5 27	0 57	0 54	25 23		n.a.
S 23	23 43	19 22	3 34	23 20	0 44	14 16	2 26	2 7	0 30	7 48	1 13	8 0	2 21	17 18	0 13	15 33	1 9	28 58	5 27	0 54	0 53	25 24		n.a.
S 24	23 44	13 52	2 38	23 38	0 50	14 38	2 25	2 20	0 32	7 51	1 13	8 2	2 21	17 19	0 13	15 33	1 9	28 58	5 27	0 52	0 52	25 26		n.a.
M25	23 44	7 56	1 35	23 54	0 56	15 0	2 23	2 33	0 33	7 54	1 13	8 3	2 21	17 20	0 13	15 32	1 9	28 59	5 27	0 51	0 50	25 28		n.a.
T 26	23 44	1 52	0 30	24 10	1 2	15 22	2 21	2 45	0 34	7 58	1 13	8 5	2 21	17 21	0 13	15 32	1 9	28 59	5 28	0 51	0 49	25 30		n.a.
W27	23 43	4s 6	0s36	24 24	1 8	15 43	2 19	2 58	0 35	8 0	1 13	8 6	2 22	17 22	0 13	15 31	1 9	28 59	5 28	0 51	0 48	25 31		n.a.
T 28	23 41	9 48	1 38	24 37	1 13	16 4	2 17	3 11	0 36	8 3	1 14	8 7	2 22	17 22	0 13	15 30	1 9	28 59	5 28	0 51	0 47	25 33		n.a.
F 29	23 40	15 4	2 35	24 48	1 19	16 24	2 14	3 24	0 37	8 6	1 14	8 9	2 22	17 23	0 13	15 30	1 9	28 59	5 28	0 50	0 45	25 35		n.a.
S 30	23 37	19 43	3 25	24 58	1 24	16 45	2 12	3 37	0 38	8 9	1 14	8 10	2 22	17 24	0 13	15 29	1 9	28 59	5 28	0 47	0 44	25 37		n.a.
S 31	23s35	23s36	4s 5	25s 7	1s28	17s 4	2n10	3n50	0n39	8s12	1n14	8s11	2n22	17s25	0n13	15s29	1s 9	29n 0	5n28	0n44	0n43	25s38		n.a.

Julian Day Number = 1617661.5, Delta T = 03h49m26s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'35, Lahiri = - 7°52'35 Julian Calendar 1 Dec. 285 BCE == Greg. Calendar 27 Nov. 285 BCE

The year -284 astronomical counting style corresponds to year 285 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

JANUARY 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 25 2	7♑21'45	8♐25	26♐53	25♏52	8♈36	23♎55	26♎42	18♏48	21♒53	7°R 9	1°R39	1♈43	3♐57	n.a.	M 1
T 2	6 28 59	8°22'41	20°19	28°30	27° 3	9° 7	24° 2	26°45	18°50	21°55	7♋ 7	1♈25	1°40	4° 4	n.a.	T 2
W 3	6 32 55	9°23'35	2♑20	0♑ 8	28°14	9°37	24°10	26°49	18°53	21°57	7° 6	1°11	1°37	4°11	n.a.	W 3
T 4	6 36 52	10°24'29	14°28	1°46	29°26	10° 8	24°17	26°52	18°56	21°58	7° 4	0°56	1°33	4°17	n.a.	T 4
F 5	6 40 48	11°25'21	26°45	3°26	0♐37	10°40	24°24	26°56	18°58	22° 0	7° 3	0°42	1°30	4°24	n.a.	F 5
S 6	6 44 45	12°26'11	9♒10	5° 6	1°49	11°11	24°31	26°59	19° 1	22° 2	7° 2	0°31	1°27	4°31	n.a.	S 6
S 7	6 48 42	13°27'00	21°44	6°46	3° 0	11°42	24°38	27° 2	19° 3	22° 4	7° 0	0°22	1°24	4°38	n.a.	S 7
M 8	6 52 38	14°27'47	4♓29	8°28	4°12	12°14	24°45	27° 6	19° 6	22° 6	6°59	0°17	1°21	4°44	n.a.	M 8
T 9	6 56 35	15°28'33	17°27	10°10	5°23	12°46	24°51	27° 9	19° 8	22° 8	6°57	0°14	1°18	4°51	n.a.	T 9
W10	7 0 31	16°29'16	0♈40	11°54	6°35	13°17	24°58	27°12	19°11	22°10	6°56	0°D14	1°14	4°58	n.a.	W10
T 11	7 4 28	17°29'58	14° 9	13°38	7°47	13°49	25° 4	27°14	19°13	22°12	6°55	0°R14	1°11	5° 4	n.a.	T 11
F 12	7 8 24	18°30'38	27°58	15°22	8°59	14°21	25°10	27°17	19°15	22°14	6°53	0°14	1° 8	5°11	n.a.	F 12
S 13	7 12 21	19°31'17	12♉ 7	17° 8	10°11	14°53	25°16	27°20	19°18	22°16	6°52	0°12	1° 5	5°18	n.a.	S 13
S 14	7 16 17	20°31'53	26°35	18°55	11°23	15°26	25°22	27°23	19°20	22°17	6°51	0° 7	1° 2	5°25	n.a.	S 14
M15	7 20 14	21°32'28	11♊20	20°42	12°35	15°58	25°27	27°25	19°22	22°19	6°49	0° 0	0°59	5°31	n.a.	M15
T 16	7 24 11	22°33'01	26°14	22°30	13°47	16°31	25°33	27°27	19°24	22°22	6°48	29♓51	0°55	5°38	n.a.	T 16
W17	7 28 7	23°33'32	11♋11	24°19	14°59	17° 3	25°38	27°30	19°26	22°24	6°47	29°41	0°52	5°45	n.a.	W17
T 18	7 32 4	24°34'01	26° 0	26° 9	16°11	17°36	25°43	27°32	19°28	22°26	6°45	29°31	0°49	5°51	n.a.	T 18
F 19	7 36 0	25°34'28	10♌33	28° 0	17°23	18° 9	25°48	27°34	19°30	22°28	6°44	29°21	0°46	5°58	n.a.	F 19
S 20	7 39 57	26°34'54	24°43	29°51	18°35	18°42	25°53	27°36	19°32	22°30	6°43	29°14	0°43	6° 5	n.a.	S 20
S 21	7 43 53	27°35'18	8♍27	1♒43	19°47	19°14	25°58	27°38	19°34	22°32	6°42	29°10	0°39	6°12	n.a.	S 21
M22	7 47 50	28°35'41	21°43	3°35	21° 0	19°48	26° 2	27°40	19°36	22°34	6°40	29° 8	0°36	6°18	n.a.	M22
T 23	7 51 47	29°36'01	4♎34	5°28	22°12	20°21	26° 6	27°42	19°38	22°36	6°39	29°D 8	0°33	6°25	n.a.	T 23
W24	7 55 43	0♒36'21	17° 2	7°21	23°24	20°54	26°11	27°43	19°40	22°38	6°38	29° 9	0°30	6°32	n.a.	W24
T 25	7 59 40	1°36'38	29°13	9°15	24°37	21°27	26°15	27°45	19°41	22°40	6°36	29°R 9	0°27	6°38	n.a.	T 25
F 26	8 3 36	2°36'54	11♏12	11° 9	25°49	22° 1	26°18	27°46	19°43	22°42	6°35	29° 9	0°24	6°45	n.a.	F 26
S 27	8 7 33	3°37'09	23° 4	13° 2	27° 2	22°34	26°22	27°48	19°45	22°45	6°34	29° 7	0°20	6°52	n.a.	S 27
S 28	8 11 29	4°37'22	4♐54	14°55	28°14	23° 8	26°25	27°49	19°46	22°47	6°33	29° 2	0°17	6°58	n.a.	S 28
M29	8 15 26	5°37'33	16°47	16°47	29°27	23°41	26°29	27°50	19°48	22°49	6°32	28°55	0°14	7° 5	n.a.	M29
T 30	8 19 22	6°37'43	28°45	18°39	0♑39	24°15	26°32	27°51	19°49	22°51	6°30	28°47	0°11	7°12	n.a.	T 30
W31	8 23 19	7♒37'50	10♑52	20♒29	1♑52	24♈49	26♎35	27♎52	19♏51	22♒53	6♋29	28♓37	0♈ 8	7♐19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s31	26s30	4s36	25s15	1s33	17s24	2n 7	4n 3	0n40	8s15	1n14	8s12	2n23	17s25	0n13	15s28	1s 9	29n 0	5n28	0n40	0n41	25s40			n.a.
T 2	23 28	28 15	4 54	25 21	1 37	17 43	2 5	4 16	0 40	8 17	1 14	8 13	2 23	17 26	0 13	15 28	1 9	29 0	5 28	0 34	0 40	25 42			n.a.
W 3	23 24	28 42	4 59	25 25	1 41	18 1	2 2	4 29	0 41	8 20	1 14	8 14	2 23	17 27	0 13	15 27	1 9	29 0	5 28	0 28	0 39	25 44			n.a.
T 4	23 19	27 45	4 51	25 28	1 45	18 20	2 0	4 43	0 42	8 22	1 15	8 16	2 23	17 28	0 13	15 26	1 9	29 0	5 28	0 22	0 38	25 45			n.a.
F 5	23 14	25 28	4 30	25 29	1 48	18 37	1 57	4 56	0 43	8 25	1 15	8 17	2 23	17 28	0 13	15 26	1 9	29 0	5 28	0 17	0 36	25 47			n.a.
S 6	23 9	21 57	3 55	25 29	1 51	18 55	1 54	5 9	0 44	8 27	1 15	8 18	2 24	17 29	0 13	15 25	1 9	29 0	5 28	0 12	0 35	25 49			n.a.
S 7	23 3	17 24	3 8	25 27	1 54	19 12	1 51	5 22	0 45	8 30	1 15	8 19	2 24	17 30	0 13	15 25	1 9	29 1	5 28	0 9	0 34	25 50			n.a.
M 8	22 56	12 1	2 12	25 23	1 56	19 28	1 49	5 35	0 46	8 32	1 15	8 20	2 24	17 31	0 13	15 24	1 9	29 1	5 28	0 7	0 33	25 52			n.a.
T 9	22 49	6 3	1 7	25 18	1 58	19 44	1 46	5 49	0 46	8 34	1 15	8 20	2 24	17 31	0 13	15 23	1 9	29 1	5 29	0 6	0 31	25 54			n.a.
W10	22 42	0n18	0n 2	25 10	1 59	19 59	1 43	6 2	0 47	8 36	1 16	8 21	2 24	17 32	0 13	15 23	1 9	29 1	5 29	0 6	0 30	25 55			n.a.
T 11	22 34	6 46	1 13	25 1	2 1	20 14	1 40	6 15	0 48	8 39	1 16	8 22	2 25	17 33	0 13	15 22	1 9	29 1	5 29	0 6	0 29	25 57			n.a.
F 12	22 26	13 4	2 21	24 50	2 1	20 28	1 37	6 28	0 49	8 41	1 16	8 23	2 25	17 33	0 13	15 21	1 9	29 1	5 29	0 6	0 27	25 59			n.a.
S 13	22 18	18 52	3 23	24 38	2 2	20 42	1 34	6 42	0 49	8 43	1 16	8 24	2 25	17 34	0 13	15 21	1 9	29 1	5 29	0 5	0 26	26 0			n.a.
S 14	22 8	23 43	4 12	24 23	2 1	20 55	1 31	6 55	0 50	8 45	1 16	8 25	2 25	17 34	0 13	15 20	1 9	29 1	5 29	0 3	0 25	26 2			n.a.
M15	21 59	27 8	4 46	24 6	2 1	21 8	1 28	7 8	0 51	8 47	1 16	8 25	2 25	17 35	0 13	15 19	1 9	29 2	5 29	0 0	0 24	26 3			n.a.
T 16	21 49	28 42	5 2	23 48	2 0	21 20	1 25	7 21	0 51	8 48	1 17	8 26	2 26	17 36	0 13	15 19	1 9	29 2	5 29	0s 4	0 22	26 5			n.a.
W17	21 39	28 10	4 56	23 27	1 58	21 32	1 21	7 35	0 52	8 50	1 17	8 27	2 26	17 36	0 13	15 18	1 9	29 2	5 29	0 8	0 21	26 7			n.a.
T 18	21 28	25 38	4 31	23 5	1 56	21 43	1 18	7 48	0 53	8 52	1 17	8 27	2 26	17 37	0 13	15 17	1 9	29 2	5 29	0 12	0 20	26 8			n.a.
F 19	21 17	21 28	3 48	22 40	1 53	21 53	1 15	8 1	0 53	8 54	1 17	8 28	2 26	17 37	0 13	15 17	1 9	29 2	5 29	0 16	0 18	26 10			n.a.
S 20	21 6	16 9	2 52	22 13	1 50	22 3	1 12	8 15	0 54	8 55	1 17	8 28	2 27	17 38	0 13	15 16	1 9	29 2	5 29	0 18	0 17	26 11			n.a.
S 21	20 54	10 10	1 48	21 45	1 46	22 12	1 8	8 28	0 55	8 57	1 18	8 29	2 27	17 38	0 13	15 15	1 9	29 2	5 29	0 20	0 16	26 13			n.a.
M22	20 42	3 56	0 39	21 14	1 42	22 20	1 5	8 41	0 55	8 58	1 18	8 29	2 27	17 39	0 13	15 14	1 9	29 2	5 29	0 21	0 15	26 15			n.a.
T 23	20 29	2s17	0s29	20 42	1 37	22 28	1 2	8 54	0 56	9 0	1 18	8 30	2 27	17 39	0 13	15 14	1 9	29 2	5 29	0 21	0 13	26 16			n.a.
W24	20 16	8 13	1 34	20 8	1 31	22 35	0 59	9 7	0 56	9 1	1 18	8 30	2 27	17 40	0 13	15 13	1 9	29 2	5 29	0 21	0 12	26 18			n.a.
T 25	20 3	13 43	2 34	19 31	1 25	22 42	0 55	9 21	0 57	9 2	1 18	8 30	2 28	17 40	0 13	15 12	1 9	29 2	5 29	0 20	0 11	26 19			n.a.
F 26	19 49	18 37	3 25	18 53	1 18	22 48	0 52	9 34	0 58	9 3	1 18	8 31	2 28	17 41	0 13	15 12	1 9	29 3	5 29	0 21	0 9	26 21			n.a.
S 27	19 35	22 45	4 8	18 14	1 10	22 53	0 49	9 47	0 58	9 5	1 19	8 31	2 28	17 41	0 13	15 11	1 9	29 3	5 29	0 21	0 8	26 22			n.a.
S 28	19 20	25 57	4 39	17 33	1 2	22 58	0 45	10 0	0 59	9 6	1 19	8 31	2 28	17 42	0 13	15 10	1 9	29 3	5 29	0 23	0 7	26 24			n.a.
M29	19 6	28 1	4 59	16 50	0 53	23 2	0 42	10 13	0 59	9 7	1 19	8 31	2 29	17 42	0 13	15 9	1 9	29 3	5 29	0 26	0 6	26 25			n.a.
T 30	18 51	28 49	5 6	16 6	0 43	23 5	0 39	10 26	1 0	9 8	1 19	8 32	2 29	17 42	0 13	15 9	1 9	29 3	5 29	0 29	0 4	26 27			n.a.
W31	18s35	28s14	4s59	15s21	0s33	23s 8	0n36	10n39	1n 0	9s 9	1n19	8s32	2n29	17s43	0n13	15s 8	1s 9	29n 3	5n29	0s33	0n 3	26s28			n.a.

Julian Day Number = 1617692.5, Delta T = 03h49m25s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'31, Lahiri = - 7°52'30 Julian Calendar 1 Jan. 284 BCE == Greg. Calendar 28 Dec. 285 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

FEBRUARY 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 27 16	8♒37'56	23♉11	22♒17	3♉ 4	25♈23	26♎37	27♎53	19♏52	22♒56	6°R28	28°R27	0♈ 5	7♐25	n.a.	T 1
F 2	8 31 12	9°38'00	5♒40	24° 3	4°17	25°56	26°40	27°54	19°54	22°58	6♋27	28♓18	0° 1	7°32	n.a.	F 2
S 3	8 35 9	10°38'02	18°22	25°46	5°29	26°30	26°42	27°54	19°55	23° 0	6°26	28°10	29♓58	7°39	n.a.	S 3
S 4	8 39 5	11°38'02	1♓16	27°27	6°42	27° 5	26°44	27°55	19°56	23° 2	6°25	28° 5	29°55	7°45	n.a.	S 4
M 5	8 43 2	12°37'59	14°21	29° 3	7°55	27°39	26°46	27°55	19°57	23° 5	6°24	28° 2	29°52	7°52	n.a.	M 5
T 6	8 46 58	13°37'55	27°38	0♓35	9° 7	28°13	26°48	27°56	19°58	23° 7	6°23	28°D 1	29°49	7°59	n.a.	T 6
W 7	8 50 55	14°37'48	11♈ 6	2° 3	10°20	28°47	26°50	27°56	19°59	23° 9	6°22	28° 2	29°45	8° 6	n.a.	W 7
T 8	8 54 51	15°37'39	24°46	3°25	11°33	29°21	26°51	27°56	20° 1	23°11	6°21	28° 3	29°42	8°12	n.a.	T 8
F 9	8 58 48	16°37'27	8♉38	4°41	12°46	29°56	26°52	27°R56	20° 1	23°14	6°20	28° 4	29°39	8°19	n.a.	F 9
S 10	9 2 44	17°37'13	22°42	5°51	13°58	0♉30	26°53	27°56	20° 2	23°16	6°19	28°R 4	29°36	8°26	n.a.	S 10
S 11	9 6 41	18°36'57	6♊57	6°54	15°11	1° 5	26°54	27°56	20° 3	23°18	6°18	28° 3	29°33	8°32	n.a.	S 11
M12	9 10 38	19°36'39	21°20	7°51	16°24	1°39	26°55	27°56	20° 4	23°20	6°17	28° 0	29°30	8°39	n.a.	M12
T 13	9 14 34	20°36'18	5♋48	8°39	17°37	2°14	26°55	27°55	20° 5	23°23	6°16	27°55	29°26	8°46	n.a.	T 13
W14	9 18 31	21°35'55	20°16	9°20	18°49	2°48	26°56	27°55	20° 6	23°25	6°15	27°49	29°23	8°53	n.a.	W14
T 15	9 22 27	22°35'29	4♌39	9°53	20° 2	3°23	26°R56	27°54	20° 6	23°27	6°14	27°44	29°20	8°59	n.a.	T 15
F 16	9 26 24	23°35'01	18°49	10°17	21°15	3°58	26°56	27°54	20° 7	23°29	6°13	27°39	29°17	9° 6	n.a.	F 16
S 17	9 30 20	24°34'31	2♍43	10°34	22°28	4°33	26°56	27°53	20° 7	23°32	6°12	27°35	29°14	9°13	n.a.	S 17
S 18	9 34 17	25°33'59	16°17	10°42	23°41	5° 8	26°55	27°52	20° 8	23°34	6°11	27°33	29°11	9°19	n.a.	S 18
M19	9 38 13	26°33'24	29°28	10°R42	24°53	5°42	26°55	27°51	20° 8	23°36	6°10	27°D33	29° 7	9°26	n.a.	M19
T 20	9 42 10	27°32'48	12♎19	10°35	26° 6	6°17	26°54	27°50	20° 9	23°39	6°10	27°33	29° 4	9°33	n.a.	T 20
W21	9 46 7	28°32'10	24°49	10°20	27°19	6°52	26°53	27°49	20° 9	23°41	6° 9	27°35	29° 1	9°40	n.a.	W21
T 22	9 50 3	29°31'30	7♏ 4	9°58	28°32	7°27	26°51	27°48	20° 9	23°43	6° 8	27°37	28°58	9°46	n.a.	T 22
F 23	9 54 0	0♓30'48	19° 6	9°29	29°45	8° 2	26°50	27°46	20°10	23°45	6° 7	27°38	28°55	9°53	n.a.	F 23
S 24	9 57 56	1°30'04	1♐ 1	8°55	0♒58	8°37	26°49	27°45	20°10	23°48	6° 7	27°R39	28°51	10° 0	n.a.	S 24
S 25	10 1 53	2°29'18	12°53	8°15	2°11	9°12	26°47	27°43	20°10	23°50	6° 6	27°38	28°48	10° 6	n.a.	S 25
M26	10 5 49	3°28'30	24°47	7°32	3°24	9°48	26°45	27°42	20°10	23°52	6° 5	27°36	28°45	10°13	n.a.	M26
T 27	10 9 46	4°27'41	6♉48	6°45	4°37	10°23	26°43	27°40	20°R10	23°54	6° 5	27°34	28°42	10°20	n.a.	T 27
W28	10 13 42	5♓26'50	18♉59	5♓57	5♒50	10♉58	26♎40	27♎38	20♏10	23♒57	6♋ 4	27♓31	28♓39	10♐27	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s19	26s17	4s38	14s36	0s22	23s10	0n32	10n52	1n 1	9s 9	1n20	8s32	2n29	17s43	0n13	15s 7	1s 9	29n 3	5n29	0s37	0n 2	26s30		n.a.
F 2	18 3	23 1	4 4	13 50	0 10	23 11	0 29	11 5	1 1	9 10	1 20	8 32	2 29	17 44	0 13	15 7	1 9	29 3	5 29	0 41	0 1	26 31		n.a.
S 3	17 47	18 37	3 17	13 3	0n 2	23 11	0 26	11 18	1 2	9 11	1 20	8 32	2 30	17 44	0 13	15 6	1 9	29 3	5 29	0 44	0s 1	26 33		n.a.
S 4	17 30	13 19	2 19	12 17	0 15	23 11	0 22	11 31	1 2	9 11	1 20	8 32	2 30	17 44	0 13	15 5	1 9	29 3	5 29	0 46	0 2	26 34		n.a.
M 5	17 13	7 21	1 13	11 31	0 28	23 10	0 19	11 44	1 3	9 12	1 20	8 32	2 30	17 45	0 13	15 4	1 9	29 3	5 29	0 48	0 3	26 36		n.a.
T 6	16 56	0 59	0 2	10 45	0 41	23 9	0 16	11 57	1 3	9 12	1 20	8 32	2 30	17 45	0 13	15 4	1 9	29 3	5 29	0 48	0 5	26 37		n.a.
W 7	16 39	5n31	1n10	10 1	0 55	23 7	0 13	12 10	1 3	9 13	1 21	8 32	2 31	17 45	0 13	15 3	1 9	29 3	5 29	0 48	0 6	26 39		n.a.
T 8	16 21	11 52	2 20	9 18	1 9	23 4	0 10	12 22	1 4	9 13	1 21	8 31	2 31	17 45	0 13	15 2	1 9	29 3	5 29	0 47	0 7	26 40		n.a.
F 9	16 3	17 44	3 22	8 37	1 23	23 0	0 6	12 35	1 4	9 13	1 21	8 31	2 31	17 46	0 13	15 1	1 9	29 3	5 29	0 47	0 8	26 42		n.a.
S 10	15 44	22 45	4 13	7 58	1 37	22 56	0 3	12 48	1 5	9 14	1 21	8 31	2 31	17 46	0 13	15 1	1 9	29 3	5 29	0 47	0 10	26 43		n.a.
S 11	15 26	26 29	4 49	7 22	1 51	22 51	0 0	13 0	1 5	9 14	1 21	8 31	2 31	17 46	0 13	15 0	1 9	29 3	5 29	0 47	0 11	26 44		n.a.
M12	15 7	28 34	5 8	6 48	2 5	22 46	0s 3	13 13	1 6	9 14	1 22	8 30	2 32	17 46	0 13	14 59	1 9	29 3	5 29	0 48	0 12	26 46		n.a.
T 13	14 48	28 43	5 7	6 17	2 18	22 39	0 6	13 25	1 6	9 14	1 22	8 30	2 32	17 47	0 13	14 58	1 9	29 3	5 29	0 50	0 14	26 47		n.a.
W14	14 29	26 54	4 47	5 50	2 31	22 33	0 9	13 38	1 6	9 14	1 22	8 30	2 32	17 47	0 13	14 58	1 9	29 3	5 29	0 53	0 15	26 49		n.a.
T 15	14 9	23 21	4 9	5 26	2 43	22 25	0 12	13 50	1 7	9 14	1 22	8 29	2 32	17 47	0 13	14 57	1 9	29 3	5 29	0 55	0 16	26 50		n.a.
F 16	13 49	18 27	3 15	5 6	2 55	22 17	0 15	14 3	1 7	9 13	1 22	8 29	2 33	17 47	0 13	14 56	1 9	29 3	5 29	0 57	0 17	26 51		n.a.
S 17	13 29	12 40	2 11	4 51	3 5	22 8	0 18	14 15	1 7	9 13	1 22	8 28	2 33	17 47	0 13	14 55	1 9	29 3	5 29	0 58	0 19	26 53		n.a.
S 18	13 9	6 25	1 1	4 39	3 14	21 58	0 21	14 27	1 8	9 13	1 23	8 28	2 33	17 47	0 13	14 55	1 9	29 3	5 29	0 59	0 20	26 54		n.a.
M19	12 49	0 3	0s11	4 31	3 23	21 48	0 24	14 39	1 8	9 13	1 23	8 27	2 33	17 48	0 13	14 54	1 9	29 3	5 29	0 59	0 21	26 55		n.a.
T 20	12 28	6s 9	1 20	4 28	3 29	21 37	0 27	14 51	1 8	9 12	1 23	8 27	2 33	17 48	0 13	14 53	1 9	29 3	5 29	0 59	0 22	26 57		n.a.
W21	12 8	11 57	2 24	4 29	3 35	21 26	0 29	15 3	1 9	9 12	1 23	8 26	2 34	17 48	0 13	14 52	1 9	29 3	5 28	0 58	0 24	26 58		n.a.
T 22	11 47	17 10	3 20	4 34	3 38	21 14	0 32	15 15	1 9	9 11	1 23	8 26	2 34	17 48	0 13	14 52	1 9	29 3	5 28	0 58	0 25	26 59		n.a.
F 23	11 26	21 38	4 6	4 43	3 40	21 1	0 35	15 27	1 9	9 10	1 24	8 25	2 34	17 48	0 13	14 51	1 9	29 3	5 28	0 57	0 26	27 1		n.a.
S 24	11 4	25 11	4 41	4 55	3 40	20 48	0 37	15 39	1 10	9 10	1 24	8 24	2 34	17 48	0 13	14 50	1 9	29 3	5 28	0 57	0 28	27 2		n.a.
S 25	10 43	27 38	5 4	5 12	3 39	20 34	0 40	15 51	1 10	9 9	1 24	8 23	2 34	17 48	0 13	14 49	1 9	29 3	5 28	0 57	0 29	27 3		n.a.
M26	10 21	28 51	5 13	5 31	3 35	20 19	0 42	16 2	1 10	9 8	1 24	8 23	2 35	17 48	0 13	14 49	1 9	29 3	5 28	0 58	0 30	27 5		n.a.
T 27	10 0	28 43	5 10	5 53	3 30	20 4	0 45	16 14	1 11	9 7	1 24	8 22	2 35	17 48	0 13	14 48	1 9	29 3	5 28	0 59	0 31	27 6		n.a.
W28	9s38	27s11	4s52	6s18	3n23	19s48	0s47	16n25	1n11	9s 6	1n24	8s21	2n35	17s48	0n13	14s47	1s 9	29n 3	5n28	1s 0	0s33	27s 7		n.a.

Julian Day Number = 1617723.5, Delta T = 03h49m24s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'27, Lahiri = - 7°52'26 Julian Calendar 1 Feb. 284 BCE == Greg. Calendar 28 Jan. 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

MARCH 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 17 39	6♓25'56	1♒24	5°R 7	7♒ 3	11♉33	26°R38	27°R36	20°R10	23♒59	6°R 4	27°R27	28♓36	10♐33	n.a.	T 1
F 2	10 21 36	7°25'01	14° 5	4♓17	8°16	12° 9	26♎35	27♎34	20♏10	24° 1	6♋ 3	27♓24	28°32	10°40	n.a.	F 2
S 3	10 25 32	8°24'03	27° 2	3°28	9°29	12°44	26°32	27°32	20°10	24° 3	6° 2	27°21	28°29	10°47	n.a.	S 3
S 4	10 29 29	9°23'04	10♓15	2°40	10°42	13°19	26°29	27°30	20°10	24° 5	6° 2	27°20	28°26	10°54	n.a.	S 4
M 5	10 33 25	10°22'02	23°44	1°55	11°55	13°55	26°26	27°28	20° 9	24° 8	6° 1	27°D19	28°23	11° 0	n.a.	M 5
T 6	10 37 22	11°20'58	7♈27	1°14	13° 8	14°30	26°23	27°26	20° 9	24°10	6° 1	27°19	28°20	11° 7	n.a.	T 6
W 7	10 41 18	12°19'52	21°21	0°36	14°21	15° 6	26°19	27°23	20° 9	24°12	6° 1	27°20	28°17	11°14	n.a.	W 7
T 8	10 45 15	13°18'43	5♉23	0° 3	15°34	15°41	26°16	27°21	20° 8	24°14	6° 0	27°21	28°13	11°20	n.a.	T 8
F 9	10 49 11	14°17'32	19°32	29♒34	16°47	16°17	26°12	27°18	20° 8	24°16	6° 0	27°22	28°10	11°27	n.a.	F 9
S 10	10 53 8	15°16'19	3♊44	29°11	18° 0	16°52	26° 8	27°16	20° 7	24°19	5°59	27°23	28° 7	11°34	n.a.	S 10
S 11	10 57 4	16°15'04	17°57	28°52	19°13	17°28	26° 3	27°13	20° 6	24°21	5°59	27°R23	28° 4	11°41	n.a.	S 11
M12	11 1 1	17°13'46	2♋ 9	28°39	20°26	18° 4	25°59	27°10	20° 6	24°23	5°59	27°23	28° 1	11°47	n.a.	M12
T 13	11 4 58	18°12'26	16°17	28°31	21°39	18°39	25°54	27° 7	20° 5	24°25	5°59	27°22	27°57	11°54	n.a.	T 13
W14	11 8 54	19°11'03	0♌19	28°D29	22°52	19°15	25°50	27° 4	20° 4	24°27	5°58	27°21	27°54	12° 1	n.a.	W14
T 15	11 12 51	20° 9'38	14°12	28°32	24° 5	19°51	25°45	27° 1	20° 4	24°29	5°58	27°20	27°51	12° 7	n.a.	T 15
F 16	11 16 47	21° 8'11	27°54	28°40	25°18	20°27	25°40	26°58	20° 3	24°31	5°58	27°19	27°48	12°14	n.a.	F 16
S 17	11 20 44	22° 6'42	11♍23	28°53	26°31	21° 2	25°35	26°55	20° 2	24°33	5°58	27°19	27°45	12°21	n.a.	S 17
S 18	11 24 40	23° 5'10	24°36	29°10	27°44	21°38	25°30	26°52	20° 1	24°35	5°58	27°D19	27°42	12°28	n.a.	S 18
M19	11 28 37	24° 3'37	7♎33	29°33	28°57	22°14	25°24	26°48	20° 0	24°37	5°57	27°19	27°38	12°34	n.a.	M19
T 20	11 32 33	25° 2'01	20°15	29°59	0♓10	22°50	25°19	26°45	19°59	24°39	5°57	27°19	27°35	12°41	n.a.	T 20
W21	11 36 30	26° 0'24	2♏41	0♓31	1°24	23°26	25°13	26°41	19°58	24°41	5°57	27°19	27°32	12°48	n.a.	W21
T 22	11 40 27	26°58'45	14°54	1° 6	2°37	24° 1	25° 7	26°38	19°57	24°43	5°57	27°R19	27°29	12°54	n.a.	T 22
F 23	11 44 23	27°57'05	26°57	1°45	3°50	24°37	25° 1	26°34	19°56	24°45	5°D57	27°19	27°26	13° 1	n.a.	F 23
S 24	11 48 20	28°55'22	8♐52	2°28	5° 3	25°13	24°55	26°31	19°54	24°47	5°57	27°19	27°22	13° 8	n.a.	S 24
S 25	11 52 16	29°53'39	20°45	3°14	6°16	25°49	24°49	26°27	19°53	24°49	5°57	27°19	27°19	13°15	n.a.	S 25
M26	11 56 13	0♈51'53	2♑40	4° 4	7°29	26°25	24°43	26°23	19°52	24°51	5°57	27°D19	27°16	13°21	n.a.	M26
T 27	12 0 9	1°50'06	14°41	4°57	8°42	27° 1	24°36	26°20	19°51	24°53	5°57	27°19	27°13	13°28	n.a.	T 27
W28	12 4 6	2°48'17	26°53	5°54	9°55	27°37	24°30	26°16	19°49	24°55	5°57	27°19	27°10	13°35	n.a.	W28
T 29	12 8 2	3°46'27	9♒20	6°53	11° 8	28°13	24°23	26°12	19°48	24°57	5°58	27°20	27° 7	13°41	n.a.	T 29
F 30	12 11 59	4°44'35	22° 5	7°55	12°22	28°49	24°16	26° 8	19°46	24°59	5°58	27°21	27° 3	13°48	n.a.	F 30
S 31	12 15 56	5♈42'41	5♓11	9♓ 0	13♓35	29♉25	24♎ 9	26♎ 4	19♏45	25♒ 1	5♋58	27♓21	27♓ 0	13♐55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9s16	24s19	4s21	6s44	3n15	19s32	0s50	16n37	1n11	9s 5	1n25	8s20	2n35	17s48	0n13	14s46	1s 9	29n 3	5n28	1s 1	0s34	27s 9			n.a.
F 2	8 53	20 15	3 36	7 11	3 5	19 15	0 52	16 48	1 11	9 4	1 25	8 19	2 35	17 48	0 13	14 46	1 9	29 3	5 28	1 3	0 35	27 10			n.a.
S 3	8 31	15 8	2 39	7 40	2 54	18 58	0 54	16 59	1 12	9 3	1 25	8 18	2 36	17 48	0 13	14 45	1 9	29 3	5 28	1 4	0 37	27 11			n.a.
S 4	8 9	9 15	1 33	8 9	2 41	18 40	0 56	17 10	1 12	9 1	1 25	8 18	2 36	17 48	0 13	14 44	1 9	29 3	5 28	1 4	0 38	27 12			n.a.
M 5	7 46	2 49	0 20	8 37	2 28	18 22	0 59	17 21	1 12	9 0	1 25	8 17	2 36	17 48	0 13	14 43	1 9	29 3	5 28	1 5	0 39	27 14			n.a.
T 6	7 24	3n50	0n56	9 6	2 13	18 3	1 1	17 32	1 12	8 59	1 25	8 16	2 36	17 48	0 13	14 43	1 9	29 3	5 28	1 5	0 40	27 15			n.a.
W 7	7 1	10 25	2 9	9 33	1 58	17 44	1 3	17 43	1 13	8 57	1 25	8 15	2 36	17 48	0 13	14 42	1 9	29 3	5 28	1 4	0 42	27 16			n.a.
T 8	6 38	16 32	3 15	9 59	1 43	17 24	1 5	17 54	1 13	8 56	1 26	8 13	2 36	17 48	0 13	14 41	1 9	29 3	5 28	1 4	0 43	27 17			n.a.
F 9	6 15	21 50	4 10	10 24	1 27	17 3	1 7	18 4	1 13	8 54	1 26	8 12	2 37	17 47	0 13	14 41	1 9	29 3	5 28	1 4	0 44	27 19			n.a.
S 10	5 52	25 54	4 50	10 47	1 11	16 42	1 8	18 15	1 13	8 53	1 26	8 11	2 37	17 47	0 13	14 40	1 9	29 3	5 28	1 3	0 45	27 20			n.a.
S 11	5 29	28 21	5 12	11 8	0 56	16 21	1 10	18 25	1 13	8 51	1 26	8 10	2 37	17 47	0 13	14 39	1 9	29 3	5 27	1 3	0 47	27 21			n.a.
M12	5 6	28 58	5 15	11 27	0 40	15 59	1 12	18 36	1 14	8 49	1 26	8 9	2 37	17 47	0 13	14 38	1 9	29 3	5 27	1 3	0 48	27 22			n.a.
T 13	4 43	27 40	4 59	11 45	0 25	15 37	1 14	18 46	1 14	8 48	1 26	8 8	2 37	17 47	0 13	14 38	1 9	29 3	5 27	1 4	0 49	27 23			n.a.
W14	4 20	24 39	4 26	11 59	0 10	15 15	1 15	18 56	1 14	8 46	1 26	8 7	2 37	17 47	0 13	14 37	1 9	29 3	5 27	1 4	0 51	27 25			n.a.
T 15	3 57	20 13	3 37	12 12	0s 5	14 52	1 17	19 6	1 14	8 44	1 26	8 5	2 37	17 46	0 13	14 36	1 9	29 3	5 27	1 4	0 52	27 26			n.a.
F 16	3 33	14 47	2 36	12 22	0 19	14 28	1 18	19 16	1 14	8 42	1 26	8 4	2 38	17 46	0 13	14 36	1 9	29 3	5 27	1 5	0 53	27 27			n.a.
S 17	3 10	8 43	1 27	12 30	0 32	14 4	1 20	19 26	1 15	8 40	1 27	8 3	2 38	17 46	0 13	14 35	1 9	29 2	5 27	1 5	0 54	27 28			n.a.
S 18	2 47	2 24	0 15	12 36	0 45	13 40	1 21	19 36	1 15	8 38	1 27	8 2	2 38	17 46	0 13	14 34	1 9	29 2	5 27	1 5	0 56	27 29			n.a.
M19	2 23	3s54	0s56	12 40	0 57	13 16	1 22	19 45	1 15	8 36	1 27	8 0	2 38	17 45	0 13	14 34	1 9	29 2	5 27	1 5	0 57	27 30			n.a.
T 20	2 0	9 55	2 4	12 41	1 9	12 51	1 23	19 55	1 15	8 34	1 27	7 59	2 38	17 45	0 13	14 33	1 9	29 2	5 27	1 5	0 58	27 31			n.a.
W21	1 36	15 25	3 4	12 40	1 20	12 25	1 24	20 4	1 15	8 32	1 27	7 58	2 38	17 45	0 13	14 32	1 9	29 2	5 27	1 5	1 0	27 33			n.a.
T 22	1 13	20 14	3 54	12 37	1 30	12 0	1 26	20 13	1 15	8 29	1 27	7 56	2 38	17 44	0 13	14 32	1 9	29 2	5 27	1 5	1 1	27 34			n.a.
F 23	0 49	24 9	4 33	12 32	1 40	11 34	1 26	20 23	1 15	8 27	1 27	7 55	2 38	17 44	0 13	14 31	1 9	29 2	5 27	1 5	1 2	27 35			n.a.
S 24	0 26	27 0	5 1	12 25	1 49	11 8	1 27	20 32	1 16	8 25	1 27	7 53	2 39	17 44	0 13	14 30	1 9	29 2	5 27	1 5	1 3	27 36			n.a.
S 25	0 3	28 38	5 15	12 15	1 57	10 41	1 28	20 40	1 16	8 22	1 27	7 52	2 39	17 43	0 13	14 30	1 10	29 2	5 26	1 5	1 5	27 37			n.a.
M26	0n21	28 58	5 15	12 4	2 5	10 14	1 29	20 49	1 16	8 20	1 27	7 50	2 39	17 43	0 13	14 29	1 10	29 2	5 26	1 5	1 6	27 38			n.a.
T 27	0 44	27 55	5 2	11 51	2 12	9 47	1 30	20 58	1 16	8 18	1 27	7 49	2 39	17 43	0 13	14 29	1 10	29 2	5 26	1 5	1 7	27 39			n.a.
W28	1 8	25 32	4 36	11 36	2 18	9 20	1 30	21 6	1 16	8 15	1 27	7 48	2 39	17 42	0 13	14 28	1 10	29 2	5 26	1 5	1 8	27 40			n.a.
T 29	1 31	21 55	3 56	11 19	2 24	8 52	1 31	21 15	1 16	8 13	1 27	7 46	2 39	17 42	0 13	14 27	1 10	29 2	5 26	1 4	1 10	27 41			n.a.
F 30	1 54	17 12	3 3	11 0	2 29	8 25	1 31	21 23	1 16	8 10	1 27	7 45	2 39	17 42	0 13	14 27	1 10	29 1	5 26	1 4	1 11	27 42			n.a.
S 31	2n18	11s35	2s 0	10s39	2s33	7s57	1s32	21n31	1n16	8s 8	1n27	7s43	2n39	17s41	0n13	14s26	1s10	29n 1	5n26	1s 4	1s12	27s43			n.a.

Julian Day Number = 1617751.5, Delta T = 03h49m23s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'23, Lahiri = - 7°52'22 Julian Calendar 1 March 284 BCE == Greg. Calendar 25 Feb. 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

APRIL 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 19 52	6♈40'46	18♓39	10♓ 8	14♓48	0♊ 2	24°R 3	26°R 0	19°R43	25♒ 2	5♋58	27♓22	26♓57	14♐ 2	n.a.	S 1
M 2	12 23 49	7°38'49	2♈27	11°18	16° 1	0°38	23♎56	25♎56	19♏42	25° 4	5°58	27°R22	26°54	14° 8	n.a.	M 2
T 3	12 27 45	8°36'50	16°34	12°31	17°14	1°14	23°48	25°52	19°40	25° 6	5°59	27°21	26°51	14°15	n.a.	T 3
W 4	12 31 42	9°34'49	0♉56	13°46	18°27	1°50	23°41	25°48	19°38	25° 8	5°59	27°20	26°48	14°22	n.a.	W 4
T 5	12 35 38	10°32'47	15°26	15° 3	19°41	2°26	23°34	25°43	19°37	25°10	5°59	27°19	26°44	14°29	n.a.	T 5
F 6	12 39 35	11°30'43	29°59	16°23	20°54	3° 2	23°27	25°39	19°35	25°11	6° 0	27°17	26°41	14°35	n.a.	F 6
S 7	12 43 31	12°28'38	14♊31	17°45	22° 7	3°39	23°19	25°35	19°33	25°13	6° 0	27°16	26°38	14°42	n.a.	S 7
S 8	12 47 28	13°26'30	28°55	19°10	23°20	4°15	23°12	25°31	19°32	25°15	6° 0	27°15	26°35	14°49	n.a.	S 8
M 9	12 51 25	14°24'20	13♋ 7	20°36	24°33	4°51	23° 5	25°26	19°30	25°16	6° 1	27°D14	26°32	14°55	n.a.	M 9
T 10	12 55 21	15°22'09	27° 7	22° 5	25°46	5°28	22°57	25°22	19°28	25°18	6° 1	27°14	26°28	15° 2	n.a.	T 10
W11	12 59 18	16°19'55	10♌52	23°36	26°59	6° 4	22°50	25°18	19°26	25°19	6° 2	27°15	26°25	15° 9	n.a.	W11
T 12	13 3 14	17°17'40	24°23	25° 9	28°13	6°40	22°42	25°13	19°24	25°21	6° 2	27°17	26°22	15°16	n.a.	T 12
F 13	13 7 11	18°15'23	7♍40	26°44	29°26	7°17	22°35	25° 9	19°22	25°23	6° 3	27°18	26°19	15°22	n.a.	F 13
S 14	13 11 7	19°13'04	20°44	28°21	0♈39	7°53	22°27	25° 5	19°20	25°24	6° 3	27°R19	26°16	15°29	n.a.	S 14
S 15	13 15 4	20°10'44	3♎35	0♈ 0	1°52	8°29	22°19	25° 0	19°18	25°26	6° 4	27°19	26°13	15°36	n.a.	S 15
M16	13 19 0	21° 8'22	16°13	1°42	3° 5	9° 6	22°12	24°56	19°16	25°27	6° 5	27°18	26° 9	15°42	n.a.	M16
T 17	13 22 57	22° 5'58	28°41	3°25	4°19	9°42	22° 4	24°52	19°14	25°29	6° 5	27°15	26° 6	15°49	n.a.	T 17
W18	13 26 53	23° 3'34	10♏57	5°11	5°32	10°18	21°56	24°47	19°12	25°30	6° 6	27°12	26° 3	15°56	n.a.	W18
T 19	13 30 50	24° 1'08	23° 4	6°58	6°45	10°55	21°49	24°43	19°10	25°31	6° 7	27° 8	26° 0	16° 3	n.a.	T 19
F 20	13 34 47	24°58'41	5♐ 4	8°48	7°58	11°31	21°41	24°38	19° 8	25°33	6° 7	27° 3	25°57	16° 9	n.a.	F 20
S 21	13 38 43	25°56'13	16°59	10°40	9°11	12° 8	21°34	24°34	19° 5	25°34	6° 8	26°59	25°54	16°16	n.a.	S 21
S 22	13 42 40	26°53'44	28°51	12°34	10°25	12°44	21°26	24°29	19° 3	25°35	6° 9	26°55	25°50	16°23	n.a.	S 22
M23	13 46 36	27°51'13	10♑45	14°30	11°38	13°21	21°18	24°25	19° 1	25°37	6°10	26°52	25°47	16°30	n.a.	M23
T 24	13 50 33	28°48'42	22°45	16°28	12°51	13°57	21°11	24°21	18°59	25°38	6°10	26°51	25°44	16°36	n.a.	T 24
W25	13 54 29	29°46'10	4♒55	18°27	14° 4	14°34	21° 3	24°16	18°56	25°39	6°11	26°D51	25°41	16°43	n.a.	W25
T 26	13 58 26	0♉43'37	17°20	20°29	15°18	15°10	20°56	24°12	18°54	25°40	6°12	26°52	25°38	16°50	n.a.	T 26
F 27	14 2 22	1°41'03	0♓ 4	22°33	16°31	15°47	20°48	24° 7	18°52	25°42	6°13	26°53	25°34	16°56	n.a.	F 27
S 28	14 6 19	2°38'28	13°11	24°38	17°44	16°24	20°41	24° 3	18°50	25°43	6°14	26°54	25°31	17° 3	n.a.	S 28
S 29	14 10 16	3°35'53	26°43	26°45	18°57	17° 0	20°34	23°59	18°47	25°44	6°15	26°R55	25°28	17°10	n.a.	S 29
M30	14 14 12	4♉33'16	10♈42	28♈53	20♈11	17♊37	20♎27	23♎54	18♏45	25♒45	6♋16	26♓54	25♓25	17♐17	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n41	5s17	0s48	10s17	2s37	7s28	1s32	21n39	1n17	8s 5	1n27	7s41	2n39	17s41	0n13	14s26	1s10	29n 1	5n26	1s 4	1s14	27s44		n.a.
M 2	3 4	1n25	0n28	9 53	2 40	7 0	1 32	21 47	1 17	8 2	1 27	7 40	2 39	17 40	0 13	14 25	1 10	29 1	5 26	1 4	1 15	27 46		n.a.
T 3	3 27	8 12	1 44	9 27	2 43	6 31	1 33	21 55	1 17	8 0	1 28	7 38	2 39	17 40	0 13	14 24	1 10	29 1	5 26	1 4	1 16	27 47		n.a.
W 4	3 50	14 40	2 55	8 59	2 44	6 2	1 33	22 2	1 17	7 57	1 28	7 37	2 39	17 39	0 13	14 24	1 10	29 1	5 26	1 4	1 17	27 48		n.a.
T 5	4 13	20 24	3 55	8 30	2 46	5 33	1 33	22 10	1 17	7 54	1 28	7 35	2 40	17 39	0 13	14 23	1 10	29 1	5 26	1 5	1 19	27 49		n.a.
F 6	4 36	24 58	4 41	7 59	2 46	5 4	1 33	22 17	1 17	7 52	1 28	7 34	2 40	17 39	0 13	14 23	1 10	29 1	5 26	1 5	1 20	27 50		n.a.
S 7	4 59	27 55	5 8	7 26	2 46	4 35	1 33	22 24	1 17	7 49	1 27	7 32	2 40	17 38	0 13	14 22	1 10	29 1	5 25	1 6	1 21	27 51		n.a.
S 8	5 22	28 59	5 15	6 52	2 46	4 6	1 33	22 31	1 17	7 46	1 27	7 30	2 40	17 38	0 13	14 22	1 10	29 1	5 25	1 7	1 23	27 52		n.a.
M 9	5 45	28 7	5 3	6 17	2 44	3 36	1 32	22 38	1 17	7 44	1 27	7 29	2 40	17 37	0 13	14 21	1 10	29 1	5 25	1 7	1 24	27 52		n.a.
T 10	6 7	25 28	4 34	5 40	2 43	3 6	1 32	22 45	1 17	7 41	1 27	7 27	2 40	17 37	0 13	14 21	1 10	29 1	5 25	1 7	1 25	27 53		n.a.
W11	6 30	21 23	3 49	5 1	2 40	2 37	1 32	22 51	1 17	7 38	1 27	7 26	2 40	17 36	0 13	14 20	1 10	29 0	5 25	1 6	1 26	27 54		n.a.
T 12	6 52	16 15	2 52	4 21	2 37	2 7	1 31	22 58	1 17	7 35	1 27	7 24	2 40	17 36	0 13	14 20	1 10	29 0	5 25	1 6	1 28	27 55		n.a.
F 13	7 15	10 26	1 46	3 40	2 34	1 37	1 31	23 4	1 18	7 32	1 27	7 22	2 40	17 35	0 13	14 19	1 10	29 0	5 25	1 5	1 29	27 56		n.a.
S 14	7 37	4 16	0 36	2 57	2 29	1 7	1 30	23 10	1 18	7 30	1 27	7 21	2 40	17 34	0 13	14 19	1 10	29 0	5 25	1 5	1 30	27 57		n.a.
S 15	7 59	1s58	0s34	2 12	2 25	0 37	1 30	23 16	1 18	7 27	1 27	7 19	2 40	17 34	0 13	14 18	1 10	29 0	5 25	1 5	1 31	27 58		n.a.
M16	8 21	8 1	1 42	1 27	2 20	0 7	1 29	23 22	1 18	7 24	1 27	7 18	2 40	17 33	0 13	14 18	1 10	29 0	5 25	1 5	1 33	27 59		n.a.
T 17	8 43	13 41	2 44	0 40	2 14	0n23	1 28	23 27	1 18	7 21	1 27	7 16	2 40	17 33	0 13	14 17	1 10	29 0	5 25	1 6	1 34	28 0		n.a.
W18	9 4	18 43	3 37	0n 8	2 8	0 53	1 28	23 33	1 18	7 18	1 27	7 14	2 40	17 32	0 13	14 17	1 10	29 0	5 25	1 8	1 35	28 1		n.a.
T 19	9 26	22 56	4 19	0 57	2 1	1 23	1 27	23 38	1 18	7 16	1 27	7 13	2 40	17 32	0 13	14 16	1 10	29 0	5 25	1 9	1 37	28 2		n.a.
F 20	9 47	26 9	4 50	1 48	1 53	1 53	1 26	23 43	1 18	7 13	1 27	7 11	2 40	17 31	0 13	14 16	1 10	29 0	5 25	1 11	1 38	28 3		n.a.
S 21	10 8	28 11	5 8	2 39	1 46	2 23	1 25	23 49	1 18	7 10	1 27	7 10	2 40	17 30	0 13	14 16	1 11	28 59	5 25	1 13	1 39	28 4		n.a.
S 22	10 29	28 56	5 12	3 32	1 37	2 53	1 24	23 53	1 18	7 7	1 27	7 8	2 40	17 30	0 13	14 15	1 11	28 59	5 24	1 15	1 40	28 4		n.a.
M23	10 50	28 20	5 3	4 25	1 29	3 23	1 23	23 58	1 18	7 5	1 26	7 6	2 40	17 29	0 13	14 15	1 11	28 59	5 24	1 16	1 42	28 5		n.a.
T 24	11 11	26 24	4 41	5 19	1 20	3 53	1 22	24 3	1 18	7 2	1 26	7 5	2 40	17 29	0 13	14 14	1 11	28 59	5 24	1 16	1 43	28 6		n.a.
W25	11 32	23 15	4 6	6 14	1 10	4 23	1 20	24 7	1 18	6 59	1 26	7 3	2 39	17 28	0 12	14 14	1 11	28 59	5 24	1 16	1 44	28 7		n.a.
T 26	11 52	18 59	3 19	7 10	1 1	4 53	1 19	24 11	1 18	6 56	1 26	7 2	2 39	17 27	0 12	14 14	1 11	28 59	5 24	1 16	1 46	28 8		n.a.
F 27	12 12	13 47	2 21	8 6	0 51	5 22	1 18	24 15	1 18	6 54	1 26	7 0	2 39	17 27	0 12	14 13	1 11	28 59	5 24	1 15	1 47	28 9		n.a.
S 28	12 32	7 50	1 14	9 2	0 40	5 52	1 16	24 19	1 18	6 51	1 26	6 59	2 39	17 26	0 12	14 13	1 11	28 59	5 24	1 15	1 48	28 9		n.a.
S 29	12 52	1 20	0 1	9 58	0 30	6 21	1 15	24 23	1 18	6 48	1 26	6 57	2 39	17 25	0 12	14 13	1 11	28 59	5 24	1 14	1 49	28 10		n.a.
M30	13n12	5n25	1n14	10n55	0s19	6n51	1s14	24n26	1n18	6s46	1n26	6s55	2n39	17s25	0n12	14s12	1s11	28n58	5n24	1s15	1s51	28s11		n.a.

Julian Day Number = 1617782.5, Delta T = 03h49m22s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'19, Lahiri = - 7°52'18 Julian Calendar 1 Apr. 284 BCE == Greg. Calendar 28 March 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

MAY 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 18 9	5♉30'39	25♈ 5	1♉ 2	21♈24	18♊13	20°R19	23°R50	18°R42	25♒46	6♋17	26°R52	25♓22	17♐23	n.a.	T 1
W 2	14 22 5	6°28'00	9♉47	3°12	22°37	18°50	20♎12	23♎46	18♏40	25°47	6°18	26♓48	25°19	17°30	n.a.	W 2
T 3	14 26 2	7°25'21	24°43	5°23	23°51	19°27	20° 5	23°41	18°38	25°48	6°19	26°42	25°15	17°37	n.a.	T 3
F 4	14 29 58	8°22'41	9♊42	7°35	25° 4	20° 3	19°58	23°37	18°35	25°49	6°20	26°36	25°12	17°43	n.a.	F 4
S 5	14 33 55	9°20'00	24°36	9°47	26°17	20°40	19°51	23°33	18°33	25°50	6°21	26°30	25° 9	17°50	n.a.	S 5
S 6	14 37 52	10°17'18	9♋17	11°59	27°31	21°17	19°45	23°29	18°30	25°51	6°22	26°26	25° 6	17°57	n.a.	S 6
M 7	14 41 48	11°14'34	23°39	14°10	28°44	21°54	19°38	23°25	18°28	25°52	6°23	26°22	25° 3	18° 4	n.a.	M 7
T 8	14 45 45	12°11'50	7♌41	16°21	29°57	22°30	19°31	23°21	18°26	25°53	6°24	26°D21	25° 0	18°10	n.a.	T 8
W 9	14 49 41	13° 9'04	21°21	18°31	1♉11	23° 7	19°25	23°17	18°23	25°53	6°25	26°21	24°56	18°17	n.a.	W 9
T 10	14 53 38	14° 6'18	4♍40	20°40	2°24	23°44	19°18	23°13	18°21	25°54	6°26	26°22	24°53	18°24	n.a.	T 10
F 11	14 57 34	15° 3'30	17°41	22°48	3°37	24°21	19°12	23° 9	18°18	25°55	6°27	26°23	24°50	18°31	n.a.	F 11
S 12	15 1 31	16° 0'41	0♎27	24°54	4°51	24°58	19° 6	23° 5	18°16	25°56	6°29	26°R24	24°47	18°37	n.a.	S 12
S 13	15 5 27	16°57'52	13° 0	26°58	6° 4	25°34	19° 0	23° 1	18°13	25°56	6°30	26°22	24°44	18°44	n.a.	S 13
M14	15 9 24	17°55'02	25°22	29° 1	7°17	26°11	18°54	22°57	18°11	25°57	6°31	26°19	24°40	18°51	n.a.	M14
T 15	15 13 21	18°52'11	7♏35	1♊ 2	8°31	26°48	18°48	22°53	18° 8	25°58	6°32	26°13	24°37	18°57	n.a.	T 15
W16	15 17 17	19°49'20	19°41	3° 1	9°44	27°25	18°43	22°50	18° 6	25°58	6°34	26° 5	24°34	19° 4	n.a.	W16
T 17	15 21 14	20°46'28	1♐41	4°57	10°58	28° 2	18°37	22°46	18° 4	25°59	6°35	25°55	24°31	19°11	n.a.	T 17
F 18	15 25 10	21°43'36	13°37	6°52	12°11	28°39	18°32	22°42	18° 1	25°59	6°36	25°45	24°28	19°18	n.a.	F 18
S 19	15 29 7	22°40'43	25°30	8°44	13°24	29°16	18°27	22°39	17°59	26° 0	6°38	25°35	24°25	19°24	n.a.	S 19
S 20	15 33 3	23°37'50	7♑22	10°34	14°38	29°53	18°21	22°35	17°56	26° 0	6°39	25°25	24°21	19°31	n.a.	S 20
M21	15 37 0	24°34'57	19°16	12°22	15°51	0♋30	18°16	22°32	17°54	26° 1	6°40	25°18	24°18	19°38	n.a.	M21
T 22	15 40 56	25°32'04	1♒15	14° 8	17° 5	1° 7	18°12	22°29	17°51	26° 1	6°42	25°13	24°15	19°45	n.a.	T 22
W23	15 44 53	26°29'11	13°23	15°51	18°18	1°44	18° 7	22°25	17°49	26° 2	6°43	25°10	24°12	19°51	n.a.	W23
T 24	15 48 50	27°26'18	25°45	17°32	19°32	2°21	18° 2	22°22	17°46	26° 2	6°44	25°D 9	24° 9	19°58	n.a.	T 24
F 25	15 52 46	28°23'25	8♓25	19°11	20°45	2°58	17°58	22°19	17°44	26° 2	6°46	25° 9	24° 5	20° 5	n.a.	F 25
S 26	15 56 43	29°20'31	21°28	20°47	21°59	3°35	17°54	22°16	17°42	26° 3	6°47	25°R10	24° 2	20°11	n.a.	S 26
S 27	16 0 39	0♈17'38	4♈58	22°21	23°12	4°12	17°50	22°13	17°39	26° 3	6°49	25°10	23°59	20°18	n.a.	S 27
M28	16 4 36	1°14'45	18°56	23°53	24°26	4°49	17°46	22°10	17°37	26° 3	6°50	25° 8	23°56	20°25	n.a.	M28
T 29	16 8 32	2°11'52	3♉22	25°22	25°39	5°26	17°42	22° 7	17°34	26° 3	6°52	25° 3	23°53	20°32	n.a.	T 29
W30	16 12 29	3° 9'00	18°13	26°49	26°53	6° 3	17°39	22° 4	17°32	26° 3	6°53	24°56	23°50	20°38	n.a.	W30
T 31	16 16 25	4♊ 6'07	3♊21	28♊14	28♉ 7	6♋41	17♎35	22♎ 1	17♏30	26♒ 3	6♋55	24♓47	23♓46	20♐45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	13n31	12n 6	2n27	11n50	0s 9	7n20	1s12	24n30	1n18	6s43	1n25	6s54	2n39	17s24	0n12	14s12	1s11	28n58	5n24	1s16	1s52	28s12			n.a.
W 2	13 50	18 16	3 31	12 46	0n 2	7 49	1 10	24 33	1 18	6 41	1 25	6 52	2 39	17 23	0 12	14 12	1 11	28 58	5 24	1 17	1 53	28 13			n.a.
T 3	14 9	23 25	4 22	13 41	0 13	8 18	1 9	24 36	1 18	6 38	1 25	6 51	2 39	17 23	0 12	14 11	1 11	28 58	5 24	1 20	1 54	28 13			n.a.
F 4	14 28	27 3	4 56	14 34	0 23	8 47	1 7	24 39	1 18	6 36	1 25	6 49	2 39	17 22	0 12	14 11	1 11	28 58	5 24	1 22	1 56	28 14			n.a.
S 5	14 47	28 46	5 9	15 27	0 33	9 15	1 5	24 42	1 18	6 33	1 25	6 48	2 39	17 21	0 12	14 11	1 11	28 58	5 24	1 24	1 57	28 15			n.a.
S 6	15 5	28 25	5 1	16 18	0 43	9 43	1 4	24 44	1 18	6 31	1 24	6 47	2 39	17 21	0 12	14 10	1 11	28 58	5 24	1 26	1 58	28 16			n.a.
M 7	15 23	26 8	4 35	17 7	0 53	10 12	1 2	24 47	1 18	6 28	1 24	6 45	2 38	17 20	0 12	14 10	1 11	28 58	5 24	1 27	2 0	28 16			n.a.
T 8	15 41	22 18	3 52	17 55	1 2	10 39	1 0	24 49	1 18	6 26	1 24	6 44	2 38	17 19	0 12	14 10	1 11	28 58	5 24	1 28	2 1	28 17			n.a.
W 9	15 59	17 21	2 58	18 40	1 10	11 7	0 58	24 51	1 18	6 24	1 24	6 42	2 38	17 19	0 12	14 10	1 11	28 58	5 24	1 28	2 2	28 18			n.a.
T 10	16 16	11 41	1 54	19 24	1 19	11 34	0 56	24 53	1 18	6 21	1 24	6 41	2 38	17 18	0 12	14 9	1 11	28 57	5 23	1 28	2 3	28 19			n.a.
F 11	16 33	5 38	0 47	20 5	1 26	12 2	0 54	24 54	1 18	6 19	1 23	6 40	2 38	17 17	0 12	14 9	1 11	28 57	5 23	1 27	2 5	28 19			n.a.
S 12	16 50	0s31	0s22	20 44	1 33	12 28	0 52	24 56	1 18	6 17	1 23	6 38	2 38	17 17	0 12	14 9	1 12	28 57	5 23	1 27	2 6	28 20			n.a.
S 13	17 6	6 32	1 28	21 20	1 39	12 55	0 50	24 57	1 18	6 15	1 23	6 37	2 38	17 16	0 12	14 9	1 12	28 57	5 23	1 28	2 7	28 21			n.a.
M14	17 23	12 14	2 29	21 53	1 45	13 21	0 48	24 58	1 18	6 13	1 23	6 36	2 37	17 15	0 12	14 9	1 12	28 57	5 23	1 29	2 8	28 21			n.a.
T 15	17 39	17 23	3 22	22 24	1 50	13 47	0 46	24 59	1 18	6 11	1 23	6 34	2 37	17 15	0 12	14 8	1 12	28 57	5 23	1 31	2 10	28 22			n.a.
W16	17 54	21 48	4 6	22 53	1 54	14 13	0 44	25 0	1 18	6 9	1 22	6 33	2 37	17 14	0 12	14 8	1 12	28 57	5 23	1 35	2 11	28 23			n.a.
T 17	18 10	25 17	4 38	23 19	1 58	14 38	0 42	25 1	1 17	6 7	1 22	6 32	2 37	17 13	0 12	14 8	1 12	28 57	5 23	1 38	2 12	28 23			n.a.
F 18	18 25	27 38	4 58	23 42	2 1	15 3	0 40	25 1	1 17	6 5	1 22	6 31	2 37	17 13	0 12	14 8	1 12	28 57	5 23	1 43	2 14	28 24			n.a.
S 19	18 40	28 43	5 4	24 3	2 3	15 27	0 38	25 1	1 17	6 3	1 22	6 30	2 37	17 12	0 12	14 8	1 12	28 57	5 23	1 47	2 15	28 25			n.a.
S 20	18 55	28 29	4 58	24 21	2 4	15 52	0 35	25 1	1 17	6 2	1 21	6 29	2 36	17 11	0 12	14 8	1 12	28 56	5 23	1 50	2 16	28 25			n.a.
M21	19 9	26 55	4 38	24 37	2 5	16 15	0 33	25 1	1 17	6 0	1 21	6 27	2 36	17 11	0 12	14 8	1 12	28 56	5 23	1 53	2 17	28 26			n.a.
T 22	19 23	24 8	4 7	24 50	2 5	16 39	0 31	25 1	1 17	5 58	1 21	6 26	2 36	17 10	0 12	14 8	1 12	28 56	5 23	1 55	2 19	28 27			n.a.
W23	19 36	20 15	3 23	25 2	2 4	17 2	0 29	25 0	1 17	5 57	1 21	6 25	2 36	17 9	0 12	14 7	1 12	28 56	5 23	1 57	2 20	28 27			n.a.
T 24	19 50	15 26	2 30	25 10	2 3	17 24	0 26	25 0	1 17	5 55	1 20	6 24	2 36	17 9	0 12	14 7	1 12	28 56	5 23	1 57	2 21	28 28			n.a.
F 25	20 3	9 52	1 28	25 17	2 1	17 47	0 24	24 59	1 17	5 54	1 20	6 23	2 36	17 8	0 12	14 7	1 12	28 56	5 23	1 57	2 22	28 28			n.a.
S 26	20 15	3 43	0 20	25 22	1 58	18 8	0 22	24 58	1 17	5 53	1 20	6 22	2 35	17 7	0 12	14 7	1 12	28 56	5 23	1 57	2 24	28 29			n.a.
S 27	20 28	2n47	0n52	25 25	1 55	18 29	0 19	24 57	1 17	5 51	1 20	6 21	2 35	17 7	0 12	14 7	1 12	28 56	5 23	1 57	2 25	28 30			n.a.
M28	20 40	9 23	2 3	25 26	1 51	18 50	0 17	24 55	1 17	5 50	1 19	6 20	2 35	17 6	0 12	14 7	1 12	28 56	5 23	1 58	2 26	28 30			n.a.
T 29	20 51	15 44	3 8	25 25	1 46	19 10	0 15	24 54	1 17	5 49	1 19	6 20	2 35	17 5	0 12	14 7	1 12	28 56	5 23	1 59	2 28	28 31			n.a.
W30	21 3	21 20	4 3	25 22	1 41	19 30	0 12	24 52	1 17	5 48	1 19	6 19	2 35	17 5	0 12	14 7	1 12	28 55	5 23	2 2	2 29	28 31			n.a.
T 31	21n14	25n41	4n41	25n18	1n35	19n49	0s10	24n50	1n16	5s47	1n19	6s18	2n34	17s 4	0n12	14s 7	1s12	28n55	5n23	2s 6	2s30	28s32			n.a.

Julian Day Number = 1617812.5, Delta T = 03h49m21s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'14, Lahiri = - 7°52'14 Julian Calendar 1 May 284 BCE == Greg. Calendar 27 Apr. 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

JUNE 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 20 22	5♊ 3'15	18♊37	29♊36	29♉20	7♋18	17°R32	21°R59	17°R28	26♒ 4	6♋56	24°R38	23♓43	20♐52	n.a.	F 1
S 2	16 24 19	6° 0'22	3♋49	0♋56	0♊34	7°55	17♎29	21♎56	17♏25	26° 4	6°58	24♓28	23°40	20°58	n.a.	S 2
S 3	16 28 15	6°57'30	18°47	2°13	1°48	8°32	17°26	21°54	17°23	26°R 4	6°59	24°20	23°37	21° 5	n.a.	S 3
M 4	16 32 12	7°54'37	3♌23	3°27	3° 1	9° 9	17°23	21°51	17°21	26° 4	7° 1	24°14	23°34	21°12	n.a.	M 4
T 5	16 36 8	8°51'44	17°34	4°39	4°15	9°47	17°21	21°49	17°18	26° 4	7° 2	24°10	23°31	21°19	n.a.	T 5
W 6	16 40 5	9°48'51	1♍17	5°49	5°29	10°24	17°19	21°47	17°16	26° 3	7° 4	24° 8	23°27	21°25	n.a.	W 6
T 7	16 44 1	10°45'58	14°34	6°55	6°42	11° 1	17°16	21°45	17°14	26° 3	7° 6	24°D 8	23°24	21°32	n.a.	T 7
F 8	16 47 58	11°43'05	27°29	7°59	7°56	11°39	17°15	21°42	17°12	26° 3	7° 7	24°R 8	23°21	21°39	n.a.	F 8
S 9	16 51 55	12°40'11	10♎ 6	8°59	9°10	12°16	17°13	21°40	17°10	26° 3	7° 9	24° 7	23°18	21°46	n.a.	S 9
S 10	16 55 51	13°37'18	22°28	9°57	10°23	12°53	17°11	21°39	17° 8	26° 3	7°10	24° 5	23°15	21°52	n.a.	S 10
M11	16 59 48	14°34'25	4♏39	10°51	11°37	13°31	17°10	21°37	17° 6	26° 3	7°12	23°59	23°11	21°59	n.a.	M11
T 12	17 3 44	15°31'32	16°42	11°42	12°51	14° 8	17° 8	21°35	17° 3	26° 2	7°14	23°51	23° 8	22° 6	n.a.	T 12
W13	17 7 41	16°28'40	28°40	12°30	14° 5	14°46	17° 7	21°33	17° 1	26° 2	7°15	23°40	23° 5	22°12	n.a.	W13
T 14	17 11 37	17°25'48	10♐35	13°14	15°18	15°23	17° 6	21°32	16°59	26° 2	7°17	23°28	23° 2	22°19	n.a.	T 14
F 15	17 15 34	18°22'56	22°28	13°54	16°32	16° 0	17° 6	21°30	16°57	26° 1	7°19	23°14	22°59	22°26	n.a.	F 15
S 16	17 19 30	19°20'05	4♑21	14°31	17°46	16°38	17° 5	21°29	16°55	26° 1	7°20	23° 0	22°56	22°33	n.a.	S 16
S 17	17 23 27	20°17'15	16°15	15° 4	19° 0	17°15	17° 5	21°28	16°54	26° 0	7°22	22°48	22°52	22°39	n.a.	S 17
M18	17 27 24	21°14'25	28°11	15°32	20°14	17°53	17°D 5	21°27	16°52	26° 0	7°24	22°38	22°49	22°46	n.a.	M18
T 19	17 31 20	22°11'36	10♒14	15°56	21°27	18°30	17° 5	21°25	16°50	26° 0	7°25	22°30	22°46	22°53	n.a.	T 19
W20	17 35 17	23° 8'48	22°24	16°16	22°41	19° 8	17° 5	21°24	16°48	25°59	7°27	22°25	22°43	23° 0	n.a.	W20
T 21	17 39 13	24° 6'00	4♓47	16°31	23°55	19°46	17° 5	21°24	16°46	25°58	7°29	22°23	22°40	23° 6	n.a.	T 21
F 22	17 43 10	25° 3'14	17°25	16°42	25° 9	20°23	17° 6	21°23	16°44	25°58	7°31	22°22	22°37	23°13	n.a.	F 22
S 23	17 47 6	26° 0'28	0♈24	16°48	26°23	21° 1	17° 7	21°22	16°43	25°57	7°32	22°22	22°33	23°20	n.a.	S 23
S 24	17 51 3	26°57'44	13°48	16°R48	27°37	21°38	17° 7	21°21	16°41	25°57	7°34	22°22	22°30	23°26	n.a.	S 24
M25	17 54 59	27°55'00	27°39	16°44	28°51	22°16	17° 9	21°21	16°39	25°56	7°36	22°20	22°27	23°33	n.a.	M25
T 26	17 58 56	28°52'18	11♉58	16°35	0♋ 5	22°54	17°10	21°20	16°38	25°55	7°37	22°15	22°24	23°40	n.a.	T 26
W27	18 2 53	29°49'37	26°43	16°20	1°19	23°32	17°11	21°20	16°36	25°54	7°39	22° 8	22°21	23°47	n.a.	W27
T 28	18 6 49	0♋46'58	11♊49	16° 1	2°33	24° 9	17°13	21°20	16°35	25°54	7°41	21°58	22°17	23°53	n.a.	T 28
F 29	18 10 46	1°44'19	27° 6	15°37	3°47	24°47	17°15	21°20	16°33	25°53	7°43	21°48	22°14	24° 0	n.a.	F 29
S 30	18 14 42	2♋41'41	12♋23	15♋ 8	5♋ 1	25♋25	17♎17	21°D20	16♏32	25♒52	7♋44	21♓37	22♓11	24♐ 7	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n24	28n13	5n 0	25n13	1n29	20n 8	0s 7	24n48	1n16	5s46	1n18	6s17	2n34	17s 3	0n12	14s 7	1s13	28n55	5n23	2s10	2s31	28s32		n.a.
S 2	21 34	28 38	4 58	25 6	1 22	20 26	0 5	24 46	1 16	5 45	1 18	6 16	2 34	17 3	0 12	14 7	1 13	28 55	5 23	2 13	2 33	28 33		n.a.
S 3	21 44	26 56	4 35	24 57	1 14	20 44	0 3	24 43	1 16	5 44	1 18	6 16	2 34	17 2	0 12	14 7	1 13	28 55	5 23	2 17	2 34	28 33		n.a.
M 4	21 54	23 26	3 55	24 47	1 6	21 1	0 0	24 41	1 16	5 43	1 17	6 15	2 33	17 1	0 12	14 7	1 13	28 55	5 23	2 19	2 35	28 34		n.a.
T 5	22 3	18 37	3 1	24 37	0 58	21 17	0n 2	24 38	1 16	5 42	1 17	6 14	2 33	17 1	0 12	14 7	1 13	28 55	5 23	2 21	2 36	28 34		n.a.
W 6	22 12	12 59	1 58	24 25	0 49	21 33	0 4	24 35	1 16	5 42	1 17	6 14	2 33	17 0	0 12	14 8	1 13	28 55	5 23	2 21	2 38	28 35		n.a.
T 7	22 20	6 55	0 50	24 12	0 39	21 48	0 7	24 32	1 16	5 41	1 17	6 13	2 33	17 0	0 12	14 8	1 13	28 55	5 23	2 21	2 39	28 35		n.a.
F 8	22 28	0 44	0s18	23 58	0 29	22 3	0 9	24 28	1 16	5 41	1 16	6 12	2 33	16 59	0 12	14 8	1 13	28 55	5 23	2 21	2 40	28 36		n.a.
S 9	22 36	5s19	1 23	23 44	0 18	22 17	0 11	24 25	1 15	5 40	1 16	6 12	2 32	16 58	0 12	14 8	1 13	28 55	5 23	2 22	2 42	28 36		n.a.
S 10	22 43	11 4	2 24	23 29	0 7	22 30	0 14	24 21	1 15	5 40	1 16	6 11	2 32	16 58	0 12	14 8	1 13	28 55	5 23	2 23	2 43	28 37		n.a.
M11	22 50	16 18	3 16	23 13	0s 4	22 43	0 16	24 17	1 15	5 40	1 15	6 11	2 32	16 57	0 12	14 8	1 13	28 54	5 23	2 25	2 44	28 37		n.a.
T 12	22 56	20 51	4 0	22 57	0 16	22 55	0 18	24 13	1 15	5 39	1 15	6 10	2 32	16 57	0 12	14 8	1 13	28 54	5 23	2 28	2 45	28 38		n.a.
W13	23 2	24 31	4 32	22 40	0 28	23 7	0 21	24 9	1 15	5 39	1 15	6 10	2 31	16 56	0 12	14 8	1 13	28 54	5 23	2 32	2 47	28 38		n.a.
T 14	23 8	27 7	4 52	22 23	0 41	23 18	0 23	24 4	1 15	5 39	1 15	6 10	2 31	16 55	0 12	14 9	1 13	28 54	5 23	2 38	2 48	28 39		n.a.
F 15	23 13	28 30	4 59	22 6	0 54	23 28	0 25	24 0	1 15	5 39	1 14	6 9	2 31	16 55	0 12	14 9	1 13	28 54	5 23	2 43	2 49	28 39		n.a.
S 16	23 18	28 33	4 54	21 49	1 7	23 37	0 28	23 55	1 15	5 39	1 14	6 9	2 31	16 54	0 12	14 9	1 13	28 54	5 23	2 48	2 50	28 39		n.a.
S 17	23 22	27 17	4 35	21 32	1 20	23 46	0 30	23 50	1 14	5 39	1 14	6 9	2 30	16 54	0 12	14 9	1 13	28 54	5 23	2 53	2 52	28 40		n.a.
M18	23 26	24 46	4 5	21 15	1 34	23 54	0 32	23 45	1 14	5 40	1 13	6 9	2 30	16 53	0 12	14 9	1 13	28 54	5 23	2 58	2 53	28 40		n.a.
T 19	23 30	21 9	3 23	20 59	1 48	24 1	0 34	23 40	1 14	5 40	1 13	6 8	2 30	16 53	0 12	14 9	1 13	28 54	5 23	3 1	2 54	28 41		n.a.
W20	23 33	16 35	2 31	20 42	2 2	24 8	0 36	23 34	1 14	5 40	1 13	6 8	2 30	16 52	0 12	14 10	1 13	28 54	5 23	3 2	2 56	28 41		n.a.
T 21	23 36	11 18	1 32	20 26	2 16	24 14	0 38	23 28	1 14	5 41	1 12	6 8	2 29	16 52	0 12	14 10	1 14	28 54	5 23	3 3	2 57	28 41		n.a.
F 22	23 38	5 26	0 26	20 11	2 30	24 19	0 41	23 23	1 14	5 41	1 12	6 8	2 29	16 51	0 12	14 10	1 14	28 54	5 23	3 4	2 58	28 42		n.a.
S 23	23 40	0n48	0n42	19 57	2 44	24 24	0 43	23 17	1 14	5 42	1 12	6 8	2 29	16 51	0 12	14 10	1 14	28 54	5 23	3 4	2 59	28 42		n.a.
S 24	23 42	7 12	1 51	19 43	2 58	24 27	0 45	23 11	1 13	5 42	1 12	6 8	2 29	16 50	0 12	14 11	1 14	28 54	5 23	3 4	3 1	28 42		n.a.
M25	23 43	13 28	2 55	19 30	3 12	24 30	0 47	23 4	1 13	5 43	1 11	6 8	2 28	16 50	0 12	14 11	1 14	28 53	5 23	3 5	3 2	28 43		n.a.
T 26	23 44	19 15	3 50	19 18	3 25	24 33	0 49	22 58	1 13	5 44	1 11	6 8	2 28	16 49	0 12	14 11	1 14	28 53	5 23	3 7	3 3	28 43		n.a.
W27	23 44	24 4	4 32	19 7	3 37	24 34	0 51	22 51	1 13	5 45	1 11	6 8	2 28	16 49	0 12	14 12	1 14	28 53	5 23	3 10	3 4	28 43		n.a.
T 28	23 44	27 22	4 56	18 58	3 49	24 35	0 52	22 44	1 13	5 46	1 10	6 9	2 27	16 49	0 12	14 12	1 14	28 53	5 24	3 13	3 6	28 44		n.a.
F 29	23 43	28 41	4 59	18 50	4 0	24 35	0 54	22 37	1 13	5 47	1 10	6 9	2 27	16 48	0 12	14 12	1 14	28 53	5 24	3 18	3 7	28 44		n.a.
S 30	23n42	27n49	4n41	18n43	4s10	24n34	0n56	22n30	1n12	5s48	1n10	6s 9	2n27	16s48	0n12	14s12	1s14	28n53	5n24	3s22	3s 8	28s44		n.a.

Julian Day Number = 1617843.5, Delta T = 03h49m20s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'10, Lahiri = - 7°52'10 Julian Calendar 1 June 284 BCE == Greg. Calendar 28 May 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

JULY 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 18 39	3♋39'04	27♋29	14°R35	6♋15	26♋ 3	17♎19	21♎20	16°R30	25°R51	7♋46	21°R28	22♓ 8	24♐14	n.a.	S 1
M 2	18 22 35	4°36'28	12♌15	13♋58	7°29	26°41	17°21	21°20	16♏29	25♒50	7°48	21♓21	22° 5	24°20	n.a.	M 2
T 3	18 26 32	5°33'53	26°35	13°18	8°43	27°19	17°24	21°20	16°28	25°50	7°50	21°17	22° 2	24°27	n.a.	T 3
W 4	18 30 29	6°31'19	10♍25	12°35	9°57	27°56	17°27	21°20	16°26	25°49	7°51	21°15	21°58	24°34	n.a.	W 4
T 5	18 34 25	7°28'45	23°47	11°50	11°11	28°34	17°29	21°21	16°25	25°48	7°53	21°D15	21°55	24°40	n.a.	T 5
F 6	18 38 22	8°26'12	6♎44	11° 3	12°25	29°12	17°33	21°21	16°24	25°47	7°55	21°R15	21°52	24°47	n.a.	F 6
S 7	18 42 18	9°23'40	19°19	10°16	13°39	29°50	17°36	21°22	16°23	25°46	7°57	21°15	21°49	24°54	n.a.	S 7
S 8	18 46 15	10°21'09	1♏38	9°29	14°54	0♌28	17°39	21°23	16°22	25°45	7°59	21°13	21°46	25° 1	n.a.	S 8
M 9	18 50 11	11°18'39	13°44	8°43	16° 8	1° 6	17°43	21°23	16°21	25°44	8° 0	21° 8	21°43	25° 7	n.a.	M 9
T 10	18 54 8	12°16'10	25°43	8° 0	17°22	1°44	17°46	21°24	16°19	25°43	8° 2	21° 1	21°39	25°14	n.a.	T 10
W11	18 58 4	13°13'42	7♐37	7°19	18°36	2°22	17°50	21°25	16°19	25°41	8° 4	20°52	21°36	25°21	n.a.	W11
T 12	19 2 1	14°11'16	19°29	6°42	19°50	3° 1	17°54	21°26	16°18	25°40	8° 6	20°41	21°33	25°28	n.a.	T 12
F 13	19 5 58	15° 8'50	1♑22	6°10	21° 4	3°39	17°59	21°27	16°17	25°39	8° 7	20°29	21°30	25°34	n.a.	F 13
S 14	19 9 54	16° 6'26	13°17	5°43	22°19	4°17	18° 3	21°29	16°16	25°38	8° 9	20°17	21°27	25°41	n.a.	S 14
S 15	19 13 51	17° 4'04	25°16	5°21	23°33	4°55	18° 8	21°30	16°15	25°37	8°11	20° 6	21°23	25°48	n.a.	S 15
M16	19 17 47	18° 1'42	7♒20	5° 7	24°47	5°33	18°12	21°32	16°14	25°36	8°13	19°57	21°20	25°54	n.a.	M16
T 17	19 21 44	18°59'23	19°31	4°59	26° 1	6°11	18°17	21°33	16°14	25°34	8°14	19°51	21°17	26° 1	n.a.	T 17
W18	19 25 40	19°57'04	1♓50	4°D58	27°16	6°50	18°22	21°35	16°13	25°33	8°16	19°47	21°14	26° 8	n.a.	W18
T 19	19 29 37	20°54'48	14°20	5° 4	28°30	7°28	18°28	21°37	16°12	25°32	8°18	19°D45	21°11	26°15	n.a.	T 19
F 20	19 33 33	21°52'33	27° 4	5°18	29°44	8° 6	18°33	21°38	16°12	25°30	8°19	19°45	21° 8	26°21	n.a.	F 20
S 21	19 37 30	22°50'20	10♈ 5	5°40	0♌58	8°45	18°38	21°40	16°11	25°29	8°21	19°46	21° 4	26°28	n.a.	S 21
S 22	19 41 27	23°48'09	23°26	6° 9	2°13	9°23	18°44	21°42	16°11	25°28	8°23	19°R47	21° 1	26°35	n.a.	S 22
M23	19 45 23	24°45'59	7♉10	6°46	3°27	10° 1	18°50	21°45	16°10	25°26	8°25	19°46	20°58	26°41	n.a.	M23
T 24	19 49 20	25°43'52	21°18	7°30	4°41	10°40	18°56	21°47	16°10	25°25	8°26	19°43	20°55	26°48	n.a.	T 24
W25	19 53 16	26°41'47	5♊49	8°22	5°56	11°18	19° 2	21°49	16°10	25°24	8°28	19°39	20°52	26°55	n.a.	W25
T 26	19 57 13	27°39'43	20°40	9°20	7°10	11°57	19° 8	21°51	16°10	25°22	8°30	19°32	20°49	27° 2	n.a.	T 26
F 27	20 1 9	28°37'42	5♋42	10°25	8°24	12°35	19°15	21°54	16° 9	25°21	8°31	19°25	20°45	27° 8	n.a.	F 27
S 28	20 5 6	29°35'42	20°49	11°37	9°39	13°14	19°21	21°56	16° 9	25°19	8°33	19°17	20°42	27°15	n.a.	S 28
S 29	20 9 3	0♌33'45	5♌48	12°55	10°53	13°53	19°28	21°59	16° 9	25°18	8°35	19°10	20°39	27°22	n.a.	S 29
M30	20 12 59	1°31'48	20°32	14°18	12° 7	14°31	19°35	22° 2	16°D 9	25°16	8°36	19° 5	20°36	27°29	n.a.	M30
T 31	20 16 56	2♌29'54	4♍53	15♋46	13♌22	15♌10	19♎42	22♎ 5	16♏ 9	25♒15	8♋38	19♓ 3	20♓33	27♐35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n41	24n54	4n 4	18n38	4s19	24n33	0n58	22n23	1n12	5s49	1n10	6s 9	2n27	16s47	0n12	14s13	1s14	28n53	5n24	3s25	3s 9	28s44			n.a.
M 2	23 39	20 22	3 11	18 34	4 27	24 31	1 0	22 15	1 12	5 50	1 9	6 10	2 26	16 47	0 12	14 13	1 14	28 53	5 24	3 28	3 11	28 45			n.a.
T 3	23 37	14 47	2 7	18 31	4 34	24 28	1 1	22 8	1 12	5 51	1 9	6 10	2 26	16 47	0 12	14 14	1 14	28 53	5 24	3 30	3 12	28 45			n.a.
W 4	23 34	8 38	0 57	18 31	4 38	24 24	1 3	22 0	1 12	5 52	1 9	6 10	2 26	16 46	0 12	14 14	1 14	28 53	5 24	3 31	3 13	28 45			n.a.
T 5	23 31	2 17	0s13	18 31	4 42	24 20	1 5	21 52	1 12	5 54	1 8	6 11	2 26	16 46	0 12	14 14	1 14	28 53	5 24	3 31	3 15	28 45			n.a.
F 6	23 28	3s57	1 21	18 34	4 43	24 14	1 6	21 44	1 11	5 55	1 8	6 11	2 25	16 46	0 12	14 15	1 14	28 53	5 24	3 31	3 16	28 46			n.a.
S 7	23 24	9 51	2 23	18 38	4 43	24 8	1 8	21 35	1 11	5 57	1 8	6 12	2 25	16 45	0 12	14 15	1 14	28 53	5 24	3 31	3 17	28 46			n.a.
S 8	23 19	15 15	3 17	18 43	4 41	24 2	1 9	21 27	1 11	5 58	1 8	6 12	2 25	16 45	0 12	14 15	1 14	28 53	5 24	3 32	3 18	28 46			n.a.
M 9	23 15	19 58	4 1	18 50	4 37	23 55	1 10	21 18	1 11	6 0	1 7	6 13	2 24	16 45	0 12	14 16	1 14	28 53	5 24	3 33	3 20	28 46			n.a.
T 10	23 9	23 50	4 33	18 59	4 31	23 46	1 12	21 10	1 11	6 2	1 7	6 13	2 24	16 44	0 12	14 16	1 14	28 53	5 24	3 36	3 21	28 47			n.a.
W11	23 4	26 41	4 54	19 8	4 24	23 38	1 13	21 1	1 10	6 3	1 7	6 14	2 24	16 44	0 11	14 17	1 14	28 53	5 24	3 40	3 22	28 47			n.a.
T 12	22 58	28 19	5 2	19 19	4 14	23 28	1 14	20 52	1 10	6 5	1 6	6 15	2 24	16 44	0 11	14 17	1 14	28 53	5 25	3 44	3 23	28 47			n.a.
F 13	22 52	28 40	4 57	19 32	4 4	23 18	1 15	20 42	1 10	6 7	1 6	6 15	2 23	16 44	0 11	14 17	1 14	28 53	5 25	3 49	3 25	28 47			n.a.
S 14	22 45	27 40	4 38	19 45	3 52	23 7	1 17	20 33	1 10	6 9	1 6	6 16	2 23	16 43	0 11	14 18	1 14	28 53	5 25	3 54	3 26	28 47			n.a.
S 15	22 38	25 24	4 8	19 59	3 39	22 55	1 18	20 24	1 10	6 11	1 6	6 17	2 23	16 43	0 11	14 18	1 15	28 53	5 25	3 58	3 27	28 48			n.a.
M16	22 30	21 58	3 26	20 13	3 25	22 43	1 19	20 14	1 9	6 13	1 5	6 17	2 23	16 43	0 11	14 19	1 15	28 53	5 25	4 2	3 28	28 48			n.a.
T 17	22 22	17 35	2 34	20 29	3 10	22 30	1 20	20 4	1 9	6 15	1 5	6 18	2 22	16 43	0 11	14 19	1 15	28 53	5 25	4 4	3 30	28 48			n.a.
W18	22 14	12 25	1 34	20 45	2 54	22 17	1 20	19 54	1 9	6 18	1 5	6 19	2 22	16 43	0 11	14 20	1 15	28 53	5 25	4 6	3 31	28 48			n.a.
T 19	22 5	6 41	0 29	21 1	2 38	22 2	1 21	19 44	1 9	6 20	1 4	6 20	2 22	16 42	0 11	14 20	1 15	28 53	5 25	4 6	3 32	28 48			n.a.
F 20	21 56	0 35	0n39	21 17	2 21	21 47	1 22	19 34	1 8	6 22	1 4	6 21	2 22	16 42	0 11	14 21	1 15	28 53	5 25	4 6	3 34	28 48			n.a.
S 21	21 46	5n40	1 47	21 33	2 4	21 32	1 23	19 23	1 8	6 24	1 4	6 22	2 21	16 42	0 11	14 21	1 15	28 53	5 25	4 6	3 35	28 48			n.a.
S 22	21 36	11 50	2 50	21 48	1 47	21 16	1 23	19 13	1 8	6 27	1 4	6 23	2 21	16 42	0 11	14 22	1 15	28 53	5 26	4 6	3 36	28 48			n.a.
M23	21 26	17 37	3 46	22 3	1 30	20 59	1 24	19 2	1 8	6 29	1 3	6 24	2 21	16 42	0 11	14 22	1 15	28 53	5 26	4 6	3 37	28 48			n.a.
T 24	21 15	22 38	4 30	22 18	1 14	20 41	1 24	18 51	1 8	6 32	1 3	6 25	2 20	16 42	0 11	14 23	1 15	28 53	5 26	4 7	3 39	28 49			n.a.
W25	21 4	26 25	4 57	22 31	0 57	20 23	1 25	18 41	1 7	6 34	1 3	6 26	2 20	16 42	0 11	14 23	1 15	28 53	5 26	4 9	3 40	28 49			n.a.
T 26	20 53	28 29	5 6	22 43	0 41	20 5	1 25	18 29	1 7	6 37	1 3	6 27	2 20	16 42	0 11	14 24	1 15	28 53	5 26	4 12	3 41	28 49			n.a.
F 27	20 41	28 30	4 54	22 53	0 26	19 46	1 26	18 18	1 7	6 40	1 2	6 29	2 20	16 42	0 11	14 24	1 15	28 53	5 26	4 14	3 42	28 49			n.a.
S 28	20 29	26 24	4 22	23 2	0 11	19 26	1 26	18 7	1 7	6 42	1 2	6 30	2 19	16 42	0 11	14 25	1 15	28 53	5 26	4 17	3 44	28 49			n.a.
S 29	20 17	22 27	3 31	23 9	0n 3	19 6	1 26	17 55	1 6	6 45	1 2	6 31	2 19	16 42	0 11	14 25	1 15	28 53	5 26	4 20	3 45	28 49			n.a.
M30	20 4	17 9	2 27	23 14	0 16	18 45	1 26	17 44	1 6	6 48	1 2	6 32	2 19	16 42	0 11	14 26	1 15	28 53	5 26	4 22	3 46	28 49			n.a.
T 31	19n51	11n 0	1n16	23n16	0n29	18n23	1n26	17n32	1n 6	6s51	1n 1	6s34	2n19	16s42	0n11	14s26	1s15	28n53	5n27	4s23	3s47	28s49			n.a.

Julian Day Number = 1617873.5, Delta T = 03h49m19s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'06, Lahiri = - 7°52'06 Julian Calendar 1 July 284 BCE == Greg. Calendar 27 June 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

AUGUST 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 20 52	3♌28'01	18♍48	17♋19	14♌36	15♌48	19♎49	22♎ 8	16♏ 9	25°R13	8♋40	19°D 2	20♓29	27♐42	n.a.	W 1
T 2	20 24 49	4°26'09	2♎16	18°57	15°51	16°27	19°56	22°11	16° 9	25♒12	8°41	19♓ 2	20°26	27°49	n.a.	T 2
F 3	20 28 45	5°24'19	15°17	20°37	17° 5	17° 6	20° 3	22°14	16° 9	25°10	8°43	19° 4	20°23	27°55	n.a.	F 3
S 4	20 32 42	6°22'31	27°56	22°22	18°19	17°45	20°11	22°17	16°10	25° 9	8°44	19° 5	20°20	28° 2	n.a.	S 4
S 5	20 36 38	7°20'44	10♏16	24° 9	19°34	18°23	20°19	22°20	16°10	25° 7	8°46	19°R 5	20°17	28° 9	n.a.	S 5
M 6	20 40 35	8°18'59	22°23	25°58	20°48	19° 2	20°26	22°24	16°10	25° 6	8°48	19° 4	20°14	28°16	n.a.	M 6
T 7	20 44 31	9°17'16	4♐21	27°49	22° 3	19°41	20°34	22°27	16°11	25° 4	8°49	19° 1	20°10	28°22	n.a.	T 7
W 8	20 48 28	10°15'34	16°14	29°41	23°17	20°20	20°42	22°30	16°11	25° 3	8°51	18°57	20° 7	28°29	n.a.	W 8
T 9	20 52 25	11°13'54	28° 6	1♌35	24°32	20°59	20°51	22°34	16°11	25° 1	8°52	18°51	20° 4	28°36	n.a.	T 9
F 10	20 56 21	12°12'16	10♑ 1	3°29	25°46	21°38	20°59	22°38	16°12	24°59	8°54	18°44	20° 1	28°43	n.a.	F 10
S 11	21 0 18	13°10'40	22° 1	5°23	27° 0	22°17	21° 7	22°41	16°13	24°58	8°55	18°37	19°58	28°49	n.a.	S 11
S 12	21 4 14	14° 9'05	4♒ 7	7°18	28°15	22°56	21°16	22°45	16°13	24°56	8°57	18°31	19°55	28°56	n.a.	S 12
M13	21 8 11	15° 7'33	16°22	9°13	29°29	23°35	21°24	22°49	16°14	24°55	8°58	18°27	19°51	29° 3	n.a.	M13
T 14	21 12 7	16° 6'02	28°46	11° 7	0♍44	24°14	21°33	22°53	16°15	24°53	9° 0	18°23	19°48	29° 9	n.a.	T 14
W15	21 16 4	17° 4'33	11♓21	13° 1	1°58	24°53	21°42	22°57	16°15	24°51	9° 1	18°22	19°45	29°16	n.a.	W15
T 16	21 20 0	18° 3'07	24° 7	14°54	3°13	25°32	21°51	23° 1	16°16	24°50	9° 3	18°D22	19°42	29°23	n.a.	T 16
F 17	21 23 57	19° 1'43	7♈ 6	16°47	4°27	26°12	22° 0	23° 6	16°17	24°48	9° 4	18°23	19°39	29°30	n.a.	F 17
S 18	21 27 54	20° 0'21	20°19	18°39	5°41	26°51	22° 9	23°10	16°18	24°46	9° 5	18°24	19°35	29°36	n.a.	S 18
S 19	21 31 50	20°59'01	3♉47	20°30	6°56	27°30	22°19	23°14	16°19	24°45	9° 7	18°26	19°32	29°43	n.a.	S 19
M20	21 35 47	21°57'44	17°31	22°20	8°10	28° 9	22°28	23°19	16°20	24°43	9° 8	18°R27	19°29	29°50	n.a.	M20
T 21	21 39 43	22°56'29	1♊32	24°10	9°25	28°49	22°38	23°23	16°21	24°41	9° 9	18°26	19°26	29°56	n.a.	T 21
W22	21 43 40	23°55'17	15°49	25°58	10°39	29°28	22°47	23°28	16°22	24°40	9°11	18°25	19°23	0♑ 3	n.a.	W22
T 23	21 47 36	24°54'07	0♋19	27°46	11°54	0♍ 7	22°57	23°32	16°23	24°38	9°12	18°23	19°20	0°10	n.a.	T 23
F 24	21 51 33	25°53'00	14°58	29°32	13° 8	0°47	23° 7	23°37	16°25	24°36	9°13	18°20	19°16	0°17	n.a.	F 24
S 25	21 55 29	26°51'54	29°40	1♍18	14°23	1°26	23°17	23°42	16°26	24°35	9°15	18°17	19°13	0°23	n.a.	S 25
S 26	21 59 26	27°50'51	14♌19	3° 2	15°37	2° 6	23°27	23°47	16°27	24°33	9°16	18°14	19°10	0°30	n.a.	S 26
M27	22 3 23	28°49'51	28°46	4°46	16°52	2°45	23°37	23°52	16°29	24°31	9°17	18°13	19° 7	0°37	n.a.	M27
T 28	22 7 19	29°48'52	12♍57	6°29	18° 6	3°25	23°48	23°57	16°30	24°30	9°18	18°D12	19° 4	0°44	n.a.	T 28
W29	22 11 16	0♍47'55	26°47	8°11	19°20	4° 5	23°58	24° 2	16°32	24°28	9°20	18°12	19° 1	0°50	n.a.	W29
T 30	22 15 12	1°47'00	10♎14	9°52	20°35	4°44	24° 9	24° 7	16°33	24°26	9°21	18°13	18°57	0°57	n.a.	T 30
F 31	22 19 9	2♍46'08	23♎17	11♍32	21♍49	5♍24	24♎19	24♎12	16♏35	24♒25	9♋22	18♓14	18♓54	1♑ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	19n37	4n30	0n 1	23n16	0n40	18n 2	1n26	17n20	1n 6	6s54	1n 1	6s35	2n18	16s42	0n11	14s27	1s15	28n53	5n27	4s24	3s49	28s49			n.a.
T 2	19 23	1s59	1s11	23 13	0 51	17 39	1 26	17 8	1 5	6 57	1 1	6 36	2 18	16 42	0 11	14 27	1 15	28 53	5 27	4 23	3 50	28 49			n.a.
F 3	19 9	8 12	2 17	23 8	1 1	17 16	1 26	16 56	1 5	7 0	1 1	6 38	2 18	16 42	0 11	14 28	1 15	28 53	5 27	4 23	3 51	28 49			n.a.
S 4	18 54	13 53	3 15	23 0	1 10	16 53	1 26	16 44	1 5	7 3	1 0	6 39	2 18	16 42	0 11	14 28	1 15	28 53	5 27	4 22	3 53	28 49			n.a.
S 5	18 40	18 54	4 2	22 49	1 18	16 29	1 26	16 31	1 5	7 6	1 0	6 40	2 17	16 42	0 11	14 29	1 15	28 53	5 27	4 22	3 54	28 49			n.a.
M 6	18 24	23 3	4 37	22 36	1 25	16 5	1 25	16 19	1 4	7 9	1 0	6 42	2 17	16 42	0 11	14 30	1 15	28 53	5 27	4 23	3 55	28 49			n.a.
T 7	18 9	26 11	5 0	22 20	1 31	15 40	1 25	16 6	1 4	7 13	1 0	6 43	2 17	16 42	0 11	14 30	1 15	28 53	5 28	4 24	3 56	28 49			n.a.
W 8	17 53	28 8	5 9	22 1	1 36	15 15	1 24	15 54	1 4	7 16	0 59	6 45	2 17	16 42	0 11	14 31	1 15	28 53	5 28	4 26	3 58	28 49			n.a.
T 9	17 37	28 49	5 6	21 40	1 40	14 49	1 24	15 41	1 4	7 19	0 59	6 47	2 17	16 43	0 11	14 31	1 15	28 53	5 28	4 28	3 59	28 49			n.a.
F 10	17 21	28 9	4 49	21 17	1 43	14 23	1 23	15 28	1 3	7 23	0 59	6 48	2 16	16 43	0 11	14 32	1 15	28 53	5 28	4 31	4 0	28 49			n.a.
S 11	17 4	26 10	4 19	20 52	1 46	13 57	1 23	15 15	1 3	7 26	0 59	6 50	2 16	16 43	0 11	14 32	1 15	28 53	5 28	4 33	4 1	28 49			n.a.
S 12	16 47	22 59	3 38	20 24	1 47	13 30	1 22	15 1	1 3	7 29	0 58	6 51	2 16	16 43	0 11	14 33	1 15	28 53	5 28	4 36	4 3	28 49			n.a.
M13	16 30	18 45	2 46	19 55	1 48	13 3	1 21	14 48	1 2	7 33	0 58	6 53	2 16	16 43	0 11	14 34	1 15	28 53	5 28	4 37	4 4	28 48			n.a.
T 14	16 12	13 41	1 45	19 23	1 49	12 36	1 20	14 35	1 2	7 36	0 58	6 55	2 15	16 44	0 11	14 34	1 15	28 53	5 29	4 39	4 5	28 48			n.a.
W15	15 54	7 59	0 38	18 51	1 48	12 8	1 19	14 21	1 2	7 40	0 58	6 57	2 15	16 44	0 11	14 35	1 15	28 53	5 29	4 39	4 6	28 48			n.a.
T 16	15 36	1 53	0n31	18 16	1 47	11 40	1 18	14 8	1 2	7 44	0 58	6 58	2 15	16 44	0 11	14 35	1 15	28 53	5 29	4 39	4 8	28 48			n.a.
F 17	15 18	4n23	1 41	17 41	1 46	11 12	1 17	13 54	1 1	7 47	0 57	7 0	2 15	16 44	0 11	14 36	1 15	28 53	5 29	4 39	4 9	28 48			n.a.
S 18	14 59	10 35	2 46	17 4	1 44	10 43	1 16	13 40	1 1	7 51	0 57	7 2	2 14	16 45	0 11	14 36	1 15	28 53	5 29	4 38	4 10	28 48			n.a.
S 19	14 41	16 26	3 44	16 26	1 41	10 14	1 15	13 26	1 1	7 55	0 57	7 4	2 14	16 45	0 11	14 37	1 15	28 53	5 29	4 38	4 11	28 48			n.a.
M20	14 22	21 34	4 30	15 47	1 38	9 45	1 14	13 12	1 0	7 58	0 57	7 6	2 14	16 45	0 11	14 38	1 15	28 54	5 30	4 37	4 13	28 48			n.a.
T 21	14 2	25 37	5 0	15 7	1 35	9 15	1 12	12 58	1 0	8 2	0 57	7 7	2 14	16 46	0 11	14 38	1 15	28 54	5 30	4 38	4 14	28 47			n.a.
W22	13 43	28 10	5 14	14 27	1 31	8 45	1 11	12 44	1 0	8 6	0 56	7 9	2 14	16 46	0 11	14 39	1 15	28 54	5 30	4 38	4 15	28 47			n.a.
T 23	13 23	28 51	5 7	13 45	1 27	8 15	1 10	12 29	0 59	8 10	0 56	7 11	2 13	16 46	0 11	14 39	1 15	28 54	5 30	4 39	4 16	28 47			n.a.
F 24	13 3	27 32	4 41	13 4	1 23	7 45	1 8	12 15	0 59	8 14	0 56	7 13	2 13	16 47	0 11	14 40	1 15	28 54	5 30	4 40	4 18	28 47			n.a.
S 25	12 43	24 19	3 56	12 21	1 18	7 15	1 7	12 0	0 59	8 18	0 56	7 15	2 13	16 47	0 11	14 40	1 15	28 54	5 30	4 41	4 19	28 47			n.a.
S 26	12 22	19 32	2 56	11 38	1 13	6 44	1 5	11 46	0 58	8 22	0 55	7 17	2 13	16 47	0 11	14 41	1 15	28 54	5 31	4 42	4 20	28 47			n.a.
M27	12 1	13 41	1 45	10 55	1 7	6 13	1 3	11 31	0 58	8 26	0 55	7 19	2 13	16 48	0 11	14 42	1 15	28 54	5 31	4 43	4 22	28 46			n.a.
T 28	11 40	7 13	0 29	10 12	1 2	5 42	1 2	11 16	0 58	8 30	0 55	7 21	2 12	16 48	0 11	14 42	1 15	28 54	5 31	4 43	4 23	28 46			n.a.
W29	11 19	0 34	0s47	9 28	0 56	5 11	1 0	11 1	0 57	8 34	0 55	7 23	2 12	16 49	0 11	14 43	1 15	28 54	5 31	4 43	4 24	28 46			n.a.
T 30	10 58	5s55	1 59	8 44	0 50	4 40	0 58	10 46	0 57	8 38	0 55	7 25	2 12	16 49	0 11	14 43	1 15	28 54	5 31	4 43	4 25	28 46			n.a.
F 31	10n37	11s58	3s 2	8n 0	0n44	4n 9	0n56	10n31	0n57	8s42	0n55	7s27	2n12	16s50	0n11	14s44	1s16	28n55	5n32	4s43	4s27	28s45			n.a.

Julian Day Number = 1617904.5, Delta T = 03h49m18s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°59'02, Lahiri = - 7°52'01 Julian Calendar 1 Aug. 284 BCE == Greg. Calendar 28 July 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

SEPTEMBER 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 23 5	3♍45'17	5♏59	13♍11	23♍ 4	6♍ 4	24♎30	24♎17	16♏36	24°R23	9♋23	18♓15	18♓51	1♉10	n.a.	S 1
S 2	22 27 2	4°44'28	18°23	14°50	24°18	6°43	24°41	24°22	16°38	24♒21	9°24	18°16	18°48	1°17	n.a.	S 2
M 3	22 30 58	5°43'41	0♐32	16°27	25°33	7°23	24°51	24°28	16°40	24°20	9°25	18°R17	18°45	1°24	n.a.	M 3
T 4	22 34 55	6°42'56	12°31	18° 4	26°47	8° 3	25° 2	24°33	16°41	24°18	9°27	18°17	18°41	1°31	n.a.	T 4
W 5	22 38 51	7°42'13	24°25	19°40	28° 2	8°43	25°13	24°39	16°43	24°17	9°28	18°16	18°38	1°37	n.a.	W 5
T 6	22 42 48	8°41'32	6♑18	21°15	29°16	9°23	25°24	24°44	16°45	24°15	9°29	18°15	18°35	1°44	n.a.	T 6
F 7	22 46 45	9°40'53	18°14	22°49	0♎30	10° 3	25°36	24°50	16°47	24°13	9°30	18°14	18°32	1°51	n.a.	F 7
S 8	22 50 41	10°40'16	0♒17	24°23	1°45	10°43	25°47	24°55	16°49	24°12	9°31	18°13	18°29	1°57	n.a.	S 8
S 9	22 54 38	11°39'40	12°31	25°56	2°59	11°23	25°58	25° 1	16°51	24°10	9°32	18°12	18°26	2° 4	n.a.	S 9
M10	22 58 34	12°39'07	24°57	27°28	4°13	12° 3	26°10	25° 7	16°53	24° 9	9°33	18°11	18°22	2°11	n.a.	M10
T 11	23 2 31	13°38'36	7♓36	28°59	5°28	12°43	26°21	25°13	16°55	24° 7	9°33	18°11	18°19	2°18	n.a.	T 11
W12	23 6 27	14°38'06	20°31	0♎30	6°42	13°23	26°33	25°19	16°57	24° 6	9°34	18°D11	18°16	2°24	n.a.	W12
T 13	23 10 24	15°37'39	3♈40	2° 0	7°57	14° 3	26°44	25°24	16°59	24° 4	9°35	18°11	18°13	2°31	n.a.	T 13
F 14	23 14 20	16°37'14	17° 2	3°29	9°11	14°43	26°56	25°30	17° 2	24° 3	9°36	18°11	18°10	2°38	n.a.	F 14
S 15	23 18 17	17°36'52	0♉38	4°57	10°25	15°23	27° 8	25°36	17° 4	24° 1	9°37	18°11	18° 6	2°44	n.a.	S 15
S 16	23 22 14	18°36'32	14°24	6°25	11°40	16° 4	27°20	25°42	17° 6	24° 0	9°38	18°R11	18° 3	2°51	n.a.	S 16
M17	23 26 10	19°36'14	28°21	7°52	12°54	16°44	27°31	25°48	17° 8	23°58	9°39	18°11	18° 0	2°58	n.a.	M17
T 18	23 30 7	20°35'59	12♊25	9°18	14° 8	17°24	27°43	25°55	17°11	23°57	9°39	18°11	17°57	3° 5	n.a.	T 18
W19	23 34 3	21°35'46	26°36	10°43	15°22	18° 5	27°55	26° 1	17°13	23°55	9°40	18°D11	17°54	3°11	n.a.	W19
T 20	23 38 0	22°35'35	10♋51	12° 8	16°37	18°45	28° 8	26° 7	17°16	23°54	9°41	18°11	17°51	3°18	n.a.	T 20
F 21	23 41 56	23°35'27	25° 6	13°32	17°51	19°26	28°20	26°13	17°18	23°52	9°41	18°12	17°47	3°25	n.a.	F 21
S 22	23 45 53	24°35'21	9♌21	14°55	19° 5	20° 6	28°32	26°20	17°21	23°51	9°42	18°12	17°44	3°32	n.a.	S 22
S 23	23 49 49	25°35'18	23°30	16°16	20°20	20°47	28°44	26°26	17°23	23°50	9°43	18°13	17°41	3°38	n.a.	S 23
M24	23 53 46	26°35'16	7♍31	17°37	21°34	21°27	28°57	26°32	17°26	23°48	9°43	18°13	17°38	3°45	n.a.	M24
T 25	23 57 43	27°35'17	21°20	18°57	22°48	22° 8	29° 9	26°39	17°29	23°47	9°44	18°R13	17°35	3°52	n.a.	T 25
W26	0 1 39	28°35'20	4♎53	20°16	24° 2	22°49	29°22	26°45	17°31	23°46	9°44	18°13	17°32	3°58	n.a.	W26
T 27	0 5 36	29°35'24	18°10	21°33	25°17	23°29	29°34	26°52	17°34	23°44	9°45	18°12	17°28	4° 5	n.a.	T 27
F 28	0 9 32	0♎35'31	1♏ 8	22°49	26°31	24°10	29°47	26°58	17°37	23°43	9°45	18°10	17°25	4°12	n.a.	F 28
S 29	0 13 29	1°35'40	13°49	24° 4	27°45	24°51	29°59	27° 5	17°40	23°42	9°46	18° 9	17°22	4°19	n.a.	S 29
S 30	0 17 25	2♎35'50	26♏13	25♎17	28♎59	25♍32	0♏12	27♎11	17♏42	23♒41	9♋46	18♓ 6	17♓19	4♉25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n15	17s21	3s54	7n16	0n38	3n37	0n54	10n16	0n56	8s46	0n54	7s29	2n12	16s50	0n11	14s44	1s16	28n55	5n32	4s42	4s28	28s45		n.a.
S 2	9 53	21 54	4 34	6 31	0 31	3 5	0 52	10 1	0 56	8 50	0 54	7 32	2 11	16 51	0 10	14 45	1 16	28 55	5 32	4 42	4 29	28 45		n.a.
M 3	9 31	25 25	5 1	5 47	0 25	2 34	0 50	9 46	0 56	8 54	0 54	7 34	2 11	16 51	0 10	14 45	1 16	28 55	5 32	4 41	4 30	28 45		n.a.
T 4	9 9	27 46	5 15	5 3	0 18	2 2	0 48	9 30	0 55	8 58	0 54	7 36	2 11	16 52	0 10	14 46	1 16	28 55	5 32	4 41	4 32	28 44		n.a.
W 5	8 47	28 51	5 14	4 19	0 11	1 30	0 46	9 15	0 55	9 3	0 54	7 38	2 11	16 52	0 10	14 47	1 16	28 55	5 33	4 42	4 33	28 44		n.a.
T 6	8 25	28 35	5 1	3 35	0 4	0 58	0 44	9 0	0 55	9 7	0 53	7 40	2 11	16 53	0 10	14 47	1 16	28 55	5 33	4 42	4 34	28 44		n.a.
F 7	8 2	27 0	4 34	2 51	0s 3	0 26	0 42	8 44	0 54	9 11	0 53	7 43	2 11	16 53	0 10	14 48	1 16	28 55	5 33	4 42	4 35	28 44		n.a.
S 8	7 39	24 10	3 55	2 7	0 10	0s 6	0 40	8 28	0 54	9 16	0 53	7 45	2 10	16 54	0 10	14 48	1 16	28 55	5 33	4 43	4 37	28 43		n.a.
S 9	7 16	20 13	3 5	1 23	0 17	0 38	0 37	8 13	0 54	9 20	0 53	7 47	2 10	16 55	0 10	14 49	1 15	28 56	5 33	4 43	4 38	28 43		n.a.
M10	6 54	15 20	2 5	0 40	0 24	1 10	0 35	7 57	0 53	9 24	0 53	7 49	2 10	16 55	0 10	14 49	1 15	28 56	5 34	4 44	4 39	28 43		n.a.
T 11	6 30	9 43	0 58	0s 4	0 31	1 42	0 33	7 41	0 53	9 29	0 53	7 52	2 10	16 56	0 10	14 50	1 15	28 56	5 34	4 44	4 40	28 42		n.a.
W12	6 7	3 36	0n13	0 46	0 38	2 14	0 30	7 25	0 53	9 33	0 52	7 54	2 10	16 56	0 10	14 50	1 15	28 56	5 34	4 44	4 42	28 42		n.a.
T 13	5 44	2n46	1 25	1 29	0 45	2 46	0 28	7 9	0 52	9 37	0 52	7 56	2 10	16 57	0 10	14 51	1 15	28 56	5 34	4 44	4 43	28 42		n.a.
F 14	5 21	9 8	2 33	2 11	0 52	3 18	0 25	6 53	0 52	9 42	0 52	7 58	2 9	16 58	0 10	14 51	1 15	28 56	5 34	4 44	4 44	28 41		n.a.
S 15	4 57	15 10	3 34	2 53	0 59	3 49	0 23	6 37	0 51	9 46	0 52	8 1	2 9	16 58	0 10	14 52	1 15	28 56	5 35	4 44	4 45	28 41		n.a.
S 16	4 34	20 33	4 24	3 35	1 6	4 21	0 20	6 21	0 51	9 51	0 52	8 3	2 9	16 59	0 10	14 52	1 15	28 57	5 35	4 44	4 47	28 41		n.a.
M17	4 10	24 52	4 58	4 16	1 12	4 53	0 18	6 4	0 51	9 55	0 52	8 6	2 9	17 0	0 10	14 53	1 15	28 57	5 35	4 44	4 48	28 40		n.a.
T 18	3 46	27 46	5 15	4 56	1 19	5 24	0 15	5 48	0 50	10 0	0 51	8 8	2 9	17 0	0 10	14 53	1 15	28 57	5 35	4 44	4 49	28 40		n.a.
W19	3 22	28 55	5 13	5 37	1 26	5 56	0 13	5 32	0 50	10 4	0 51	8 10	2 9	17 1	0 10	14 54	1 15	28 57	5 35	4 44	4 50	28 39		n.a.
T 20	2 58	28 9	4 53	6 16	1 33	6 27	0 10	5 16	0 49	10 9	0 51	8 13	2 8	17 2	0 10	14 54	1 15	28 57	5 36	4 44	4 52	28 39		n.a.
F 21	2 35	25 32	4 14	6 55	1 39	6 58	0 7	4 59	0 49	10 13	0 51	8 15	2 8	17 3	0 10	14 55	1 15	28 57	5 36	4 43	4 53	28 39		n.a.
S 22	2 11	21 20	3 19	7 34	1 45	7 30	0 5	4 43	0 49	10 18	0 51	8 18	2 8	17 3	0 10	14 55	1 15	28 58	5 36	4 43	4 54	28 38		n.a.
S 23	1 46	15 56	2 13	8 11	1 52	8 0	0 2	4 26	0 48	10 22	0 51	8 20	2 8	17 4	0 10	14 55	1 15	28 58	5 36	4 43	4 55	28 38		n.a.
M24	1 22	9 46	0 59	8 48	1 58	8 31	0s 1	4 10	0 48	10 27	0 51	8 22	2 8	17 5	0 10	14 56	1 15	28 58	5 37	4 43	4 57	28 37		n.a.
T 25	0 58	3 13	0s17	9 25	2 3	9 2	0 3	3 53	0 47	10 31	0 50	8 25	2 8	17 6	0 10	14 56	1 15	28 58	5 37	4 43	4 58	28 37		n.a.
W26	0 34	3s21	1 31	10 0	2 9	9 32	0 6	3 36	0 47	10 36	0 50	8 27	2 8	17 6	0 10	14 57	1 15	28 58	5 37	4 43	4 59	28 36		n.a.
T 27	0 10	9 38	2 38	10 35	2 15	10 2	0 9	3 20	0 47	10 41	0 50	8 30	2 8	17 7	0 10	14 57	1 15	28 58	5 37	4 43	5 0	28 36		n.a.
F 28	0s14	15 22	3 36	11 8	2 20	10 32	0 12	3 3	0 46	10 45	0 50	8 32	2 7	17 8	0 10	14 58	1 15	28 59	5 37	4 44	5 2	28 35		n.a.
S 29	0 38	20 19	4 21	11 41	2 25	11 2	0 15	2 46	0 46	10 50	0 50	8 35	2 7	17 9	0 10	14 58	1 15	28 59	5 38	4 45	5 3	28 35		n.a.
S 30	1s 3	24s17	4s53	12s12	2s29	11s31	0s17	2n29	0n45	10s54	0n50	8s37	2n 7	17s10	0n10	14s58	1s15	28n59	5n38	4s45	5s 4	28s34		n.a.

Julian Day Number = 1617935.5, Delta T = 03h49m17s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'58, Lahiri = - 7°51'57 Julian Calendar 1 Sept. 284 BCE == Greg. Calendar 28 Aug. 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

OCTOBER 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 21 22	3♎36'02	8♐23	26♎28	0♏14	26♍13	0♏25	27♎18	17♏45	23°R39	9♋47	18°R 5	17♓16	4♉32	n.a.	M 1
T 2	0 25 18	4°36'16	20°23	27°38	1°28	26°54	0°37	27°25	17°48	23♒38	9°47	18♓ 3	17°12	4°39	n.a.	T 2
W 3	0 29 15	5°36'31	2♉17	28°45	2°42	27°35	0°50	27°31	17°51	23°37	9°47	18°D 3	17° 9	4°45	n.a.	W 3
T 4	0 33 11	6°36'48	14° 9	29°50	3°56	28°16	1° 3	27°38	17°54	23°36	9°48	18° 3	17° 6	4°52	n.a.	T 4
F 5	0 37 8	7°37'07	26° 5	0♏52	5°10	28°57	1°16	27°45	17°57	23°35	9°48	18° 4	17° 3	4°59	n.a.	F 5
S 6	0 41 5	8°37'27	8♒ 8	1°51	6°24	29°38	1°29	27°51	18° 0	23°34	9°48	18° 5	17° 0	5° 6	n.a.	S 6
S 7	0 45 1	9°37'48	20°24	2°46	7°39	0♎19	1°42	27°58	18° 3	23°33	9°49	18° 7	16°57	5°12	n.a.	S 7
M 8	0 48 58	10°38'12	2♓57	3°38	8°53	1° 0	1°55	28° 5	18° 6	23°32	9°49	18° 8	16°53	5°19	n.a.	M 8
T 9	0 52 54	11°38'37	15°48	4°26	10° 7	1°41	2° 8	28°12	18° 9	23°31	9°49	18°R 9	16°50	5°26	n.a.	T 9
W10	0 56 51	12°39'03	28°59	5° 9	11°21	2°22	2°21	28°19	18°12	23°30	9°49	18° 9	16°47	5°32	n.a.	W10
T 11	1 0 47	13°39'31	12♈31	5°46	12°35	3° 4	2°34	28°25	18°16	23°29	9°49	18° 7	16°44	5°39	n.a.	T 11
F 12	1 4 44	14°40'01	26°21	6°18	13°49	3°45	2°48	28°32	18°19	23°28	9°50	18° 4	16°41	5°46	n.a.	F 12
S 13	1 8 40	15°40'33	10♉26	6°43	15° 3	4°26	3° 1	28°39	18°22	23°27	9°50	18° 0	16°38	5°53	n.a.	S 13
S 14	1 12 37	16°41'06	24°41	7° 1	16°17	5° 8	3°14	28°46	18°25	23°26	9°50	17°56	16°34	5°59	n.a.	S 14
M15	1 16 34	17°41'42	9♊ 1	7°10	17°31	5°49	3°27	28°53	18°28	23°25	9°50	17°51	16°31	6° 6	n.a.	M15
T 16	1 20 30	18°42'19	23°22	7°R11	18°45	6°31	3°41	29° 0	18°32	23°25	9°R50	17°48	16°28	6°13	n.a.	T 16
W17	1 24 27	19°42'58	7♋40	7° 3	19°59	7°12	3°54	29° 7	18°35	23°24	9°50	17°46	16°25	6°19	n.a.	W17
T 18	1 28 23	20°43'39	21°51	6°44	21°13	7°54	4° 7	29°14	18°38	23°23	9°50	17°D45	16°22	6°26	n.a.	T 18
F 19	1 32 20	21°44'22	5♌53	6°16	22°27	8°35	4°21	29°21	18°42	23°23	9°50	17°46	16°18	6°33	n.a.	F 19
S 20	1 36 16	22°45'07	19°46	5°36	23°40	9°17	4°34	29°28	18°45	23°22	9°49	17°47	16°15	6°40	n.a.	S 20
S 21	1 40 13	23°45'53	3♍30	4°47	24°54	9°59	4°47	29°35	18°48	23°21	9°49	17°49	16°12	6°46	n.a.	S 21
M22	1 44 9	24°46'41	17° 3	3°47	26° 8	10°40	5° 1	29°42	18°52	23°21	9°49	17°R50	16° 9	6°53	n.a.	M22
T 23	1 48 6	25°47'30	0♎25	2°39	27°22	11°22	5°14	29°49	18°55	23°20	9°49	17°49	16° 6	7° 0	n.a.	T 23
W24	1 52 3	26°48'21	13°35	1°24	28°36	12° 4	5°28	29°56	18°59	23°19	9°49	17°46	16° 3	7° 6	n.a.	W24
T 25	1 55 59	27°49'14	26°33	0° 5	29°50	12°46	5°41	0♏ 3	19° 2	23°19	9°48	17°41	15°59	7°13	n.a.	T 25
F 26	1 59 56	28°50'08	9♏19	28♎43	1♐ 3	13°28	5°55	0°10	19° 6	23°18	9°48	17°35	15°56	7°20	n.a.	F 26
S 27	2 3 52	29°51'03	21°51	27°21	2°17	14°10	6° 8	0°17	19° 9	23°18	9°48	17°27	15°53	7°27	n.a.	S 27
S 28	2 7 49	0♏51'59	4♐10	26° 3	3°31	14°52	6°22	0°24	19°13	23°18	9°48	17°18	15°50	7°33	n.a.	S 28
M29	2 11 45	1°52'57	16°18	24°50	4°45	15°34	6°35	0°31	19°16	23°17	9°47	17°10	15°47	7°40	n.a.	M29
T 30	2 15 42	2°53'55	28°16	23°45	5°58	16°16	6°49	0°38	19°20	23°17	9°47	17° 3	15°44	7°47	n.a.	T 30
W31	2 19 38	3♏54'55	10♑ 9	22♎50	7♐12	16♎58	7♏ 3	0♏45	19♏23	23♒17	9♋46	16♓58	15♓40	7♉53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1s27	27s 5	5s11	12s43	2s33	12s 0	0s20	2n13	0n45	10s59	0n50	8s40	2n 7	17s10	0n10	14s59	1s15	28n59	5n38	4s46	5s 5	28s34		n.a.
T 2	1 51	28 37	5 15	13 12	2 37	12 29	0 23	1 56	0 45	11 4	0 49	8 42	2 7	17 11	0 10	14 59	1 15	28 59	5 38	4 47	5 7	28 33		n.a.
W 3	2 15	28 49	5 6	13 39	2 41	12 58	0 26	1 39	0 44	11 8	0 49	8 45	2 7	17 12	0 10	15 0	1 15	29 0	5 39	4 47	5 8	28 33		n.a.
T 4	2 39	27 40	4 43	14 6	2 43	13 26	0 28	1 22	0 44	11 13	0 49	8 47	2 7	17 13	0 10	15 0	1 15	29 0	5 39	4 47	5 9	28 32		n.a.
F 5	3 4	25 16	4 9	14 30	2 46	13 54	0 31	1 5	0 43	11 18	0 49	8 50	2 7	17 14	0 10	15 0	1 15	29 0	5 39	4 47	5 11	28 32		n.a.
S 6	3 28	21 43	3 23	14 53	2 48	14 21	0 34	0 48	0 43	11 22	0 49	8 52	2 7	17 15	0 10	15 1	1 15	29 0	5 39	4 46	5 12	28 31		n.a.
S 7	3 52	17 11	2 27	15 13	2 49	14 48	0 37	0 31	0 42	11 27	0 49	8 55	2 7	17 16	0 10	15 1	1 15	29 0	5 40	4 45	5 13	28 31		n.a.
M 8	4 16	11 50	1 23	15 32	2 50	15 15	0 40	0 14	0 42	11 32	0 49	8 57	2 6	17 16	0 10	15 1	1 15	29 1	5 40	4 45	5 14	28 30		n.a.
T 9	4 40	5 52	0 13	15 48	2 49	15 42	0 42	0s 3	0 41	11 36	0 49	9 0	2 6	17 17	0 10	15 2	1 15	29 1	5 40	4 44	5 16	28 30		n.a.
W10	5 3	0n30	0n59	16 2	2 48	16 8	0 45	0 20	0 41	11 41	0 48	9 2	2 6	17 18	0 10	15 2	1 15	29 1	5 40	4 45	5 17	28 29		n.a.
T 11	5 27	6 59	2 10	16 13	2 46	16 34	0 48	0 37	0 40	11 46	0 48	9 5	2 6	17 19	0 10	15 2	1 15	29 1	5 40	4 45	5 18	28 28		n.a.
F 12	5 51	13 18	3 14	16 21	2 43	16 59	0 50	0 54	0 40	11 50	0 48	9 7	2 6	17 20	0 10	15 2	1 15	29 1	5 41	4 46	5 19	28 28		n.a.
S 13	6 15	19 3	4 8	16 25	2 39	17 24	0 53	1 11	0 40	11 55	0 48	9 10	2 6	17 21	0 10	15 3	1 15	29 2	5 41	4 48	5 21	28 27		n.a.
S 14	6 38	23 48	4 47	16 26	2 34	17 48	0 56	1 28	0 39	12 0	0 48	9 13	2 6	17 22	0 10	15 3	1 15	29 2	5 41	4 50	5 22	28 27		n.a.
M15	7 2	27 9	5 9	16 23	2 27	18 12	0 58	1 45	0 39	12 4	0 48	9 15	2 6	17 23	0 10	15 3	1 15	29 2	5 41	4 51	5 23	28 26		n.a.
T 16	7 25	28 44	5 11	16 15	2 18	18 35	1 1	2 2	0 38	12 9	0 48	9 18	2 6	17 24	0 10	15 3	1 15	29 2	5 42	4 53	5 24	28 25		n.a.
W17	7 48	28 24	4 54	16 3	2 9	18 58	1 4	2 19	0 38	12 13	0 48	9 20	2 6	17 25	0 10	15 4	1 15	29 3	5 42	4 54	5 26	28 25		n.a.
T 18	8 11	26 11	4 19	15 46	1 57	19 21	1 6	2 36	0 37	12 18	0 48	9 23	2 6	17 26	0 10	15 4	1 15	29 3	5 42	4 54	5 27	28 24		n.a.
F 19	8 34	22 24	3 29	15 24	1 44	19 43	1 9	2 53	0 37	12 23	0 47	9 25	2 6	17 26	0 10	15 4	1 15	29 3	5 42	4 54	5 28	28 23		n.a.
S 20	8 57	17 23	2 27	14 57	1 29	20 4	1 11	3 10	0 36	12 27	0 47	9 28	2 6	17 27	0 10	15 4	1 15	29 3	5 42	4 53	5 29	28 23		n.a.
S 21	9 20	11 33	1 17	14 25	1 13	20 25	1 14	3 27	0 36	12 32	0 47	9 30	2 6	17 28	0 10	15 4	1 15	29 4	5 43	4 52	5 30	28 22		n.a.
M22	9 43	5 15	0 4	13 47	0 55	20 45	1 16	3 44	0 35	12 37	0 47	9 33	2 6	17 29	0 10	15 5	1 15	29 4	5 43	4 52	5 32	28 21		n.a.
T 23	10 5	1s12	1s 8	13 6	0 36	21 5	1 19	4 1	0 35	12 41	0 47	9 35	2 5	17 30	0 10	15 5	1 15	29 4	5 43	4 52	5 33	28 21		n.a.
W24	10 27	7 30	2 15	12 21	0 15	21 24	1 21	4 18	0 34	12 46	0 47	9 38	2 5	17 31	0 10	15 5	1 15	29 4	5 43	4 53	5 34	28 20		n.a.
T 25	10 50	13 23	3 14	11 33	0n 5	21 43	1 23	4 35	0 34	12 51	0 47	9 40	2 5	17 32	0 10	15 5	1 15	29 4	5 44	4 55	5 35	28 19		n.a.
F 26	11 12	18 36	4 3	10 45	0 26	22 1	1 26	4 52	0 33	12 55	0 47	9 43	2 5	17 33	0 10	15 5	1 15	29 5	5 44	4 58	5 37	28 19		n.a.
S 27	11 33	22 55	4 38	9 56	0 46	22 18	1 28	5 9	0 33	13 0	0 47	9 45	2 5	17 34	0 10	15 5	1 15	29 5	5 44	5 1	5 38	28 18		n.a.
S 28	11 55	26 9	5 0	9 10	1 5	22 35	1 30	5 26	0 32	13 4	0 47	9 48	2 5	17 35	0 10	15 5	1 15	29 5	5 44	5 4	5 39	28 17		n.a.
M29	12 16	28 7	5 8	8 27	1 23	22 51	1 32	5 43	0 32	13 9	0 46	9 50	2 5	17 36	0 10	15 6	1 15	29 5	5 45	5 8	5 40	28 16		n.a.
T 30	12 38	28 45	5 2	7 48	1 39	23 7	1 34	6 0	0 31	13 14	0 46	9 53	2 5	17 37	0 10	15 6	1 14	29 6	5 45	5 10	5 42	28 16		n.a.
W31	12s59	28s 3	4s43	7s14	1n54	23s21	1s36	6s16	0n31	13s18	0n46	9s55	2n 5	17s38	0n10	15s 6	1s14	29n 6	5n45	5s12	5s43	28s15		n.a.

Julian Day Number = 1617965.5, Delta T = 03h49m16s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'54, Lahiri = - 7°51'53 Julian Calendar 1 Oct. 284 BCE == Greg. Calendar 27 Sept. 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

NOVEMBER 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 23 35	4♏55'55	21♉59	22°R 6	8♐26	17♎40	7♏16	0♏52	19♏27	23°R16	9°R46	16°R55	15♓37	8♉ 0	n.a.	T 1
F 2	2 27 32	5°56'56	3♒52	21♎33	9°39	18°22	7°30	0°59	19°31	23♒16	9♋46	16°D54	15°34	8° 7	n.a.	F 2
S 3	2 31 28	6°57'58	15°53	21°12	10°53	19° 4	7°43	1° 6	19°34	23°16	9°45	16♓54	15°31	8°14	n.a.	S 3
S 4	2 35 25	7°59'01	28° 6	21°D 2	12° 6	19°47	7°57	1°13	19°38	23°16	9°45	16°55	15°28	8°20	n.a.	S 4
M 5	2 39 21	9° 0'04	10♓38	21° 2	13°20	20°29	8°11	1°20	19°41	23°16	9°44	16°R57	15°24	8°27	n.a.	M 5
T 6	2 43 18	10° 1'08	23°31	21°13	14°33	21°11	8°24	1°27	19°45	23°15	9°43	16°57	15°21	8°34	n.a.	T 6
W 7	2 47 14	11° 2'12	6♈50	21°33	15°47	21°54	8°38	1°34	19°49	23°15	9°43	16°55	15°18	8°40	n.a.	W 7
T 8	2 51 11	12° 3'18	20°36	22° 1	17° 0	22°36	8°51	1°41	19°52	23°15	9°42	16°50	15°15	8°47	n.a.	T 8
F 9	2 55 7	13° 4'24	4♉46	22°37	18°13	23°18	9° 5	1°48	19°56	23°D15	9°42	16°44	15°12	8°54	n.a.	F 9
S 10	2 59 4	14° 5'31	19°17	23°20	19°27	24° 1	9°18	1°55	20° 0	23°15	9°41	16°35	15° 9	9° 1	n.a.	S 10
S 11	3 3 1	15° 6'39	4♊ 1	24° 9	20°40	24°44	9°32	2° 2	20° 3	23°15	9°40	16°25	15° 5	9° 7	n.a.	S 11
M12	3 6 57	16° 7'47	18°51	25° 3	21°53	25°26	9°46	2° 9	20° 7	23°16	9°40	16°16	15° 2	9°14	n.a.	M12
T 13	3 10 54	17° 8'57	3♋38	26° 1	23° 6	26° 9	9°59	2°16	20°10	23°16	9°39	16° 8	14°59	9°21	n.a.	T 13
W14	3 14 50	18°10'07	18°15	27° 4	24°20	26°51	10°13	2°23	20°14	23°16	9°38	16° 2	14°56	9°27	n.a.	W14
T 15	3 18 47	19°11'19	2♌37	28°10	25°33	27°34	10°26	2°30	20°18	23°16	9°37	15°58	14°53	9°34	n.a.	T 15
F 16	3 22 43	20°12'31	16°40	29°19	26°46	28°17	10°40	2°36	20°22	23°16	9°36	15°D57	14°49	9°41	n.a.	F 16
S 17	3 26 40	21°13'44	0♍26	0♏31	27°59	29° 0	10°53	2°43	20°25	23°17	9°36	15°57	14°46	9°48	n.a.	S 17
S 18	3 30 37	22°14'58	13°55	1°45	29°12	29°43	11° 7	2°50	20°29	23°17	9°35	15°R58	14°43	9°54	n.a.	S 18
M19	3 34 33	23°16'12	27° 8	3° 1	0♉25	0♏25	11°20	2°57	20°32	23°17	9°34	15°57	14°40	10° 1	n.a.	M19
T 20	3 38 30	24°17'27	10♎ 8	4°19	1°38	1° 8	11°34	3° 3	20°36	23°18	9°33	15°54	14°37	10° 8	n.a.	T 20
W21	3 42 26	25°18'43	22°57	5°39	2°50	1°51	11°47	3°10	20°40	23°18	9°32	15°49	14°34	10°14	n.a.	W21
T 22	3 46 23	26°19'59	5♏35	7° 0	4° 3	2°34	12° 1	3°17	20°43	23°18	9°31	15°41	14°30	10°21	n.a.	T 22
F 23	3 50 19	27°21'16	18° 3	8°22	5°16	3°17	12°14	3°23	20°47	23°19	9°30	15°29	14°27	10°28	n.a.	F 23
S 24	3 54 16	28°22'33	0♐22	9°45	6°29	4° 0	12°27	3°30	20°51	23°20	9°29	15°16	14°24	10°35	n.a.	S 24
S 25	3 58 12	29°23'50	12°32	11°10	7°41	4°44	12°41	3°37	20°54	23°20	9°28	15° 2	14°21	10°41	n.a.	S 25
M26	4 2 9	0♐25'07	24°35	12°35	8°54	5°27	12°54	3°43	20°58	23°21	9°27	14°48	14°18	10°48	n.a.	M26
T 27	4 6 6	1°26'25	6♑30	14° 1	10° 6	6°10	13° 7	3°50	21° 2	23°21	9°26	14°35	14°15	10°55	n.a.	T 27
W28	4 10 2	2°27'42	18°20	15°27	11°19	6°53	13°21	3°56	21° 5	23°22	9°25	14°25	14°11	11° 1	n.a.	W28
T 29	4 13 59	3°28'59	0♒ 9	16°54	12°31	7°36	13°34	4° 3	21° 9	23°23	9°24	14°17	14° 8	11° 8	n.a.	T 29
F 30	4 17 55	4♐30'16	12♒ 0	18♏22	13♑43	8♏20	13♏47	4♏ 9	21♏13	23♒23	9♋23	14♓13	14♓ 5	11♉15	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s19	26s 4	4s12	6s46	2n 6	23s36	1s38	6s33	0n30	13s23	0n46	9s58	2n 5	17s39	0n10	15s 6	1s14	29n 6	5n45	5s14	5s44	28s14		n.a.
F 2	13 40	22 56	3 31	6 24	2 16	23 49	1 40	6 50	0 29	13 27	0 46	10 0	2 5	17 40	0 10	15 6	1 14	29 6	5 45	5 14	5 45	28 13		n.a.
S 3	14 0	18 48	2 39	6 9	2 24	24 2	1 42	7 7	0 29	13 32	0 46	10 3	2 5	17 41	0 10	15 6	1 14	29 7	5 46	5 14	5 47	28 13		n.a.
S 4	14 20	13 50	1 40	5 59	2 30	24 14	1 44	7 23	0 28	13 36	0 46	10 5	2 5	17 42	0 10	15 6	1 14	29 7	5 46	5 13	5 48	28 12		n.a.
M 5	14 40	8 12	0 34	5 56	2 34	24 25	1 45	7 40	0 28	13 41	0 46	10 8	2 5	17 43	0 10	15 6	1 14	29 7	5 46	5 13	5 49	28 11		n.a.
T 6	15 0	2 4	0n35	5 57	2 37	24 36	1 47	7 57	0 27	13 45	0 46	10 10	2 5	17 44	0 10	15 6	1 14	29 8	5 46	5 13	5 50	28 10		n.a.
W 7	15 19	4n21	1 45	6 3	2 38	24 46	1 49	8 13	0 27	13 50	0 46	10 13	2 5	17 45	0 10	15 6	1 14	29 8	5 46	5 14	5 52	28 10		n.a.
T 8	15 38	10 45	2 50	6 14	2 38	24 55	1 50	8 30	0 26	13 54	0 46	10 15	2 5	17 46	0 10	15 6	1 14	29 8	5 47	5 16	5 53	28 9		n.a.
F 9	15 57	16 49	3 47	6 29	2 37	25 3	1 52	8 46	0 26	13 59	0 46	10 17	2 5	17 47	0 10	15 6	1 14	29 8	5 47	5 18	5 54	28 8		n.a.
S 10	16 16	22 5	4 30	6 47	2 35	25 11	1 53	9 2	0 25	14 3	0 46	10 20	2 5	17 48	0 10	15 6	1 14	29 9	5 47	5 22	5 55	28 7		n.a.
S 11	16 34	26 4	4 57	7 8	2 32	25 18	1 54	9 19	0 24	14 7	0 46	10 22	2 5	17 49	0 10	15 6	1 14	29 9	5 47	5 25	5 57	28 6		n.a.
M12	16 52	28 18	5 4	7 31	2 28	25 24	1 56	9 35	0 24	14 12	0 45	10 25	2 5	17 50	0 10	15 6	1 14	29 9	5 48	5 29	5 58	28 5		n.a.
T 13	17 10	28 31	4 50	7 57	2 23	25 30	1 57	9 51	0 23	14 16	0 45	10 27	2 5	17 51	0 9	15 6	1 14	29 9	5 48	5 32	5 59	28 5		n.a.
W14	17 27	26 43	4 18	8 24	2 18	25 34	1 58	10 7	0 23	14 21	0 45	10 29	2 5	17 52	0 9	15 6	1 14	29 10	5 48	5 35	6 0	28 4		n.a.
T 15	17 44	23 13	3 29	8 53	2 13	25 38	1 59	10 23	0 22	14 25	0 45	10 32	2 5	17 53	0 9	15 5	1 14	29 10	5 48	5 36	6 2	28 3		n.a.
F 16	18 1	18 24	2 29	9 23	2 7	25 41	2 0	10 39	0 22	14 29	0 45	10 34	2 5	17 54	0 9	15 5	1 14	29 10	5 48	5 36	6 3	28 2		n.a.
S 17	18 17	12 43	1 22	9 55	2 1	25 44	2 1	10 55	0 21	14 34	0 45	10 36	2 5	17 55	0 9	15 5	1 14	29 10	5 49	5 36	6 4	28 1		n.a.
S 18	18 33	6 34	0 11	10 27	1 54	25 45	2 2	11 11	0 20	14 38	0 45	10 39	2 5	17 56	0 9	15 5	1 14	29 11	5 49	5 36	6 5	28 0		n.a.
M19	18 49	0 15	0s59	11 0	1 47	25 46	2 2	11 27	0 20	14 42	0 45	10 41	2 5	17 57	0 9	15 5	1 14	29 11	5 49	5 36	6 7	27 59		n.a.
T 20	19 4	5s58	2 5	11 33	1 40	25 46	2 3	11 43	0 19	14 46	0 45	10 43	2 5	17 58	0 9	15 5	1 14	29 11	5 49	5 37	6 8	27 58		n.a.
W21	19 19	11 51	3 3	12 6	1 33	25 45	2 3	11 58	0 19	14 51	0 45	10 45	2 5	17 59	0 9	15 5	1 14	29 11	5 49	5 40	6 9	27 57		n.a.
T 22	19 34	17 10	3 51	12 40	1 26	25 44	2 4	12 14	0 18	14 55	0 45	10 48	2 5	18 0	0 9	15 4	1 14	29 12	5 49	5 43	6 10	27 56		n.a.
F 23	19 49	21 41	4 27	13 14	1 18	25 42	2 4	12 29	0 17	14 59	0 45	10 50	2 5	18 1	0 9	15 4	1 14	29 12	5 50	5 47	6 12	27 56		n.a.
S 24	20 2	25 12	4 50	13 48	1 11	25 39	2 4	12 45	0 17	15 3	0 45	10 52	2 6	18 2	0 9	15 4	1 14	29 12	5 50	5 53	6 13	27 55		n.a.
S 25	20 16	27 32	5 0	14 21	1 3	25 35	2 5	13 0	0 16	15 7	0 45	10 54	2 6	18 3	0 9	15 4	1 14	29 12	5 50	5 58	6 14	27 54		n.a.
M26	20 29	28 33	4 56	14 55	0 56	25 30	2 5	13 15	0 15	15 11	0 45	10 57	2 6	18 4	0 9	15 4	1 14	29 13	5 50	6 4	6 15	27 53		n.a.
T 27	20 42	28 13	4 39	15 28	0 48	25 25	2 5	13 30	0 15	15 16	0 45	10 59	2 6	18 5	0 9	15 3	1 14	29 13	5 50	6 8	6 16	27 52		n.a.
W28	20 54	26 35	4 10	16 1	0 41	25 19	2 5	13 45	0 14	15 20	0 45	11 1	2 6	18 6	0 9	15 3	1 14	29 13	5 51	6 12	6 18	27 51		n.a.
T 29	21 6	23 47	3 30	16 33	0 33	25 12	2 4	14 0	0 14	15 24	0 45	11 3	2 6	18 7	0 9	15 3	1 14	29 13	5 51	6 15	6 19	27 50		n.a.
F 30	21s18	19s59	2s41	17s 5	0n26	25s 4	2s 4	14s15	0n13	15s28	0n44	11s 5	2n 6	18s 8	0n 9	15s 3	1s13	29n14	5n51	6s17	6s20	27s49		n.a.

Julian Day Number = 1617996.5, Delta T = 03h49m15s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'49, Lahiri = - 7°51'49 Julian Calendar 1 Nov. 284 BCE == Greg. Calendar 28 Oct. 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 284 BCE
geocentric

DECEMBER 284 BCE (-283) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 21 52	5♐31'33	23♒57	19♏50	14♑56	9♏ 3	14♏ 0	4♏15	21♏16	23♒24	9°R22	14°R11	14♓ 2	11♑21	n.a.	S 1
S 2	4 25 48	6°32'49	6♓ 6	21°19	16° 8	9°46	14°13	4°22	21°20	23°25	9♋21	14♓11	13°59	11°28	n.a.	S 2
M 3	4 29 45	7°34'05	18°32	22°49	17°20	10°30	14°26	4°28	21°23	23°26	9°20	14°11	13°55	11°35	n.a.	M 3
T 4	4 33 41	8°35'20	1♈21	24°19	18°32	11°13	14°39	4°34	21°27	23°27	9°19	14°10	13°52	11°42	n.a.	T 4
W 5	4 37 38	9°36'35	14°36	25°49	19°44	11°57	14°52	4°40	21°30	23°27	9°17	14° 7	13°49	11°48	n.a.	W 5
T 6	4 41 35	10°37'50	28°21	27°20	20°55	12°40	15° 5	4°47	21°34	23°28	9°16	14° 2	13°46	11°55	n.a.	T 6
F 7	4 45 31	11°39'04	12♉37	28°51	22° 7	13°24	15°18	4°53	21°37	23°29	9°15	13°54	13°43	12° 2	n.a.	F 7
S 8	4 49 28	12°40'17	27°19	0♐22	23°19	14° 8	15°31	4°59	21°41	23°30	9°14	13°43	13°40	12° 8	n.a.	S 8
S 9	4 53 24	13°41'31	12♊20	1°54	24°30	14°51	15°44	5° 5	21°44	23°31	9°13	13°31	13°36	12°15	n.a.	S 9
M10	4 57 21	14°42'44	27°33	3°27	25°42	15°35	15°57	5°11	21°48	23°32	9°11	13°19	13°33	12°22	n.a.	M10
T 11	5 1 17	15°43'56	12♋44	5° 0	26°53	16°19	16° 9	5°17	21°51	23°34	9°10	13° 9	13°30	12°29	n.a.	T 11
W12	5 5 14	16°45'09	27°45	6°33	28° 4	17° 2	16°22	5°23	21°55	23°35	9° 9	13° 1	13°27	12°35	n.a.	W12
T 13	5 9 11	17°46'21	12♌26	8° 7	29°16	17°46	16°35	5°28	21°58	23°36	9° 8	12°56	13°24	12°42	n.a.	T 13
F 14	5 13 7	18°47'32	26°44	9°41	0♒27	18°30	16°47	5°34	22° 1	23°37	9° 6	12°53	13°21	12°49	n.a.	F 14
S 15	5 17 4	19°48'43	10♍37	11°16	1°38	19°14	17° 0	5°40	22° 5	23°38	9° 5	12°53	13°17	12°55	n.a.	S 15
S 16	5 21 0	20°49'54	24° 5	12°51	2°48	19°58	17°12	5°45	22° 8	23°39	9° 4	12°53	13°14	13° 2	n.a.	S 16
M17	5 24 57	21°51'05	7♎13	14°27	3°59	20°42	17°25	5°51	22°11	23°41	9° 2	12°52	13°11	13° 9	n.a.	M17
T 18	5 28 53	22°52'15	20° 2	16° 3	5°10	21°26	17°37	5°57	22°15	23°42	9° 1	12°49	13° 8	13°16	n.a.	T 18
W19	5 32 50	23°53'24	2♏37	17°40	6°20	22°10	17°49	6° 2	22°18	23°43	9° 0	12°44	13° 5	13°22	n.a.	W19
T 20	5 36 46	24°54'34	15° 0	19°17	7°30	22°54	18° 2	6° 8	22°21	23°45	8°58	12°35	13° 1	13°29	n.a.	T 20
F 21	5 40 43	25°55'42	27°13	20°55	8°41	23°38	18°14	6°13	22°24	23°46	8°57	12°24	12°58	13°36	n.a.	F 21
S 22	5 44 40	26°56'50	9♐20	22°33	9°51	24°22	18°26	6°18	22°28	23°47	8°56	12°11	12°55	13°42	n.a.	S 22
S 23	5 48 36	27°57'57	21°20	24°12	11° 1	25° 6	18°38	6°23	22°31	23°49	8°54	11°56	12°52	13°49	n.a.	S 23
M24	5 52 33	28°59'03	3♑16	25°52	12°11	25°51	18°50	6°29	22°34	23°50	8°53	11°42	12°49	13°56	n.a.	M24
T 25	5 56 29	0♑ 0'08	15° 8	27°32	13°20	26°35	19° 2	6°34	22°37	23°52	8°52	11°29	12°46	14° 2	n.a.	T 25
W26	6 0 26	1° 1'13	26°58	29°13	14°30	27°19	19°14	6°39	22°40	23°53	8°50	11°19	12°42	14° 9	n.a.	W26
T 27	6 4 22	2° 2'16	8♒47	0♑55	15°39	28° 3	19°25	6°44	22°43	23°55	8°49	11°11	12°39	14°16	n.a.	T 27
F 28	6 8 19	3° 3'17	20°39	2°37	16°48	28°48	19°37	6°49	22°46	23°56	8°47	11° 6	12°36	14°23	n.a.	F 28
S 29	6 12 16	4° 4'18	2♓37	4°20	17°57	29°32	19°49	6°53	22°49	23°58	8°46	11° 4	12°33	14°29	n.a.	S 29
S 30	6 16 12	5° 5'16	14°45	6° 3	19° 6	0♐17	20° 0	6°58	22°52	24° 0	8°45	11°D 4	12°30	14°36	n.a.	S 30
M31	6 20 9	6♑ 6'14	27♓ 8	7♑47	20♒15	1♐ 1	20♏12	7♏ 3	22♏55	24♒ 1	8♋43	11♓ 4	12♓27	14♑43	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s29	15s21	1s45	17s37	0n19	24s56	2s 4	14s30	0n12	15s32	0n44	11s 7	2n 6	18s 9	0n 9	15s 2	1s13	29n14	5n51	6s18	6s21	27s48		n.a.
S 2	21 40	10 3	0 43	18 8	0 11	24 47	2 3	14 44	0 12	15 36	0 44	11 9	2 6	18 10	0 9	15 2	1 13	29 14	5 51	6 18	6 23	27 47		n.a.
M 3	21 50	4 14	0n23	18 38	0 4	24 37	2 3	14 59	0 11	15 40	0 44	11 11	2 6	18 11	0 9	15 2	1 13	29 14	5 51	6 18	6 24	27 46		n.a.
T 4	22 0	1n54	1 29	19 7	0s 3	24 27	2 2	15 13	0 10	15 44	0 44	11 13	2 6	18 12	0 9	15 1	1 13	29 15	5 52	6 18	6 25	27 45		n.a.
W 5	22 10	8 10	2 33	19 36	0 10	24 15	2 1	15 27	0 10	15 47	0 44	11 15	2 6	18 13	0 9	15 1	1 13	29 15	5 52	6 19	6 26	27 44		n.a.
T 6	22 19	14 17	3 31	20 4	0 17	24 4	2 0	15 41	0 9	15 51	0 44	11 17	2 6	18 14	0 9	15 1	1 13	29 15	5 52	6 21	6 28	27 43		n.a.
F 7	22 27	19 53	4 17	20 32	0 24	23 51	1 59	15 55	0 8	15 55	0 44	11 19	2 6	18 14	0 9	15 0	1 13	29 15	5 52	6 25	6 29	27 42		n.a.
S 8	22 36	24 28	4 48	20 58	0 30	23 38	1 58	16 9	0 8	15 59	0 44	11 21	2 6	18 15	0 9	15 0	1 13	29 16	5 52	6 29	6 30	27 41		n.a.
S 9	22 43	27 30	5 0	21 24	0 37	23 24	1 57	16 23	0 7	16 3	0 44	11 23	2 7	18 16	0 9	15 0	1 13	29 16	5 52	6 33	6 31	27 39		n.a.
M10	22 51	28 33	4 51	21 48	0 43	23 9	1 56	16 36	0 6	16 7	0 44	11 25	2 7	18 17	0 9	14 59	1 13	29 16	5 52	6 38	6 33	27 38		n.a.
T 11	22 57	27 27	4 21	22 12	0 49	22 54	1 54	16 50	0 6	16 10	0 44	11 27	2 7	18 18	0 9	14 59	1 13	29 16	5 53	6 42	6 34	27 37		n.a.
W12	23 4	24 21	3 34	22 34	0 55	22 38	1 53	17 3	0 5	16 14	0 44	11 29	2 7	18 19	0 9	14 58	1 13	29 17	5 53	6 45	6 35	27 36		n.a.
T 13	23 10	19 44	2 33	22 56	1 1	22 22	1 51	17 16	0 4	16 18	0 44	11 31	2 7	18 20	0 9	14 58	1 13	29 17	5 53	6 47	6 36	27 35		n.a.
F 14	23 15	14 4	1 24	23 16	1 7	22 5	1 49	17 29	0 4	16 21	0 44	11 33	2 7	18 21	0 9	14 58	1 13	29 17	5 53	6 48	6 37	27 34		n.a.
S 15	23 20	7 52	0 12	23 35	1 12	21 47	1 47	17 42	0 3	16 25	0 44	11 34	2 7	18 22	0 9	14 57	1 13	29 17	5 53	6 48	6 39	27 33		n.a.
S 16	23 25	1 29	0s59	23 53	1 17	21 29	1 46	17 55	0 2	16 28	0 44	11 36	2 7	18 23	0 9	14 57	1 13	29 17	5 53	6 48	6 40	27 32		n.a.
M17	23 29	4s48	2 5	24 10	1 22	21 10	1 44	18 7	0 1	16 32	0 44	11 38	2 7	18 23	0 9	14 56	1 13	29 18	5 53	6 49	6 41	27 31		n.a.
T 18	23 32	10 44	3 3	24 26	1 27	20 51	1 41	18 20	0 1	16 36	0 44	11 40	2 7	18 24	0 9	14 56	1 13	29 18	5 54	6 50	6 42	27 30		n.a.
W19	23 35	16 8	3 51	24 40	1 31	20 31	1 39	18 32	0 0	16 39	0 44	11 41	2 8	18 25	0 9	14 55	1 13	29 18	5 54	6 52	6 44	27 28		n.a.
T 20	23 38	20 46	4 27	24 53	1 36	20 11	1 37	18 44	0s 1	16 42	0 44	11 43	2 8	18 26	0 9	14 55	1 13	29 18	5 54	6 55	6 45	27 27		n.a.
F 21	23 40	24 28	4 50	25 4	1 40	19 50	1 34	18 56	0 1	16 46	0 44	11 45	2 8	18 27	0 9	14 54	1 13	29 19	5 54	6 59	6 46	27 26		n.a.
S 22	23 42	27 3	5 0	25 14	1 43	19 28	1 32	19 8	0 2	16 49	0 44	11 46	2 8	18 28	0 9	14 54	1 13	29 19	5 54	7 5	6 47	27 25		n.a.
S 23	23 43	28 22	4 56	25 23	1 47	19 6	1 29	19 19	0 3	16 53	0 44	11 48	2 8	18 29	0 9	14 53	1 13	29 19	5 54	7 10	6 49	27 24		n.a.
M24	23 44	28 21	4 40	25 30	1 50	18 44	1 26	19 31	0 4	16 56	0 44	11 50	2 8	18 29	0 9	14 53	1 13	29 19	5 54	7 16	6 50	27 23		n.a.
T 25	23 44	27 1	4 11	25 35	1 53	18 21	1 23	19 42	0 4	16 59	0 44	11 51	2 8	18 30	0 9	14 52	1 13	29 19	5 54	7 21	6 51	27 21		n.a.
W26	23 44	24 28	3 31	25 39	1 55	17 58	1 20	19 53	0 5	17 3	0 44	11 53	2 8	18 31	0 9	14 52	1 13	29 20	5 54	7 25	6 52	27 20		n.a.
T 27	23 43	20 54	2 42	25 41	1 57	17 34	1 17	20 4	0 6	17 6	0 44	11 54	2 9	18 32	0 9	14 51	1 13	29 20	5 55	7 28	6 53	27 19		n.a.
F 28	23 42	16 28	1 46	25 41	1 59	17 10	1 14	20 14	0 6	17 9	0 44	11 56	2 9	18 33	0 9	14 51	1 13	29 20	5 55	7 29	6 55	27 18		n.a.
S 29	23 40	11 22	0 45	25 40	2 0	16 45	1 11	20 25	0 7	17 12	0 44	11 57	2 9	18 33	0 9	14 50	1 13	29 20	5 55	7 30	6 56	27 17		n.a.
S 30	23 38	5 47	0n20	25 37	2 1	16 20	1 7	20 35	0 8	17 15	0 44	11 59	2 9	18 34	0 9	14 50	1 13	29 20	5 55	7 30	6 57	27 15		n.a.
M31	23s35	0n 8	1n25	25s31	2s 2	15s55	1s 4	20s45	0s 9	17s18	0n44	12s 0	2n 9	18s35	0n 9	14s49	1s13	29n21	5n55	7s30	6s58	27s14		n.a.

Julian Day Number = 1618026.5, Delta T = 03h49m14s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'45, Lahiri = - 7°51'45 Julian Calendar 1 Dec. 284 BCE == Greg. Calendar 27 Nov. 284 BCE

The year -283 astronomical counting style corresponds to year 284 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

JANUARY 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 24 5	7♉ 7'10	9♈51	9♉32	21♒24	1♐45	20♏23	7♏ 8	22♏58	24♒ 3	8°R42	11°R 4	12♓23	14♉49	n.a.	T 1
W 2	6 28 2	8° 8'04	22°59	11°18	22°32	2°30	20°34	7°12	23° 1	24° 5	8♋40	11♓ 3	12°20	14°56	n.a.	W 2
T 3	6 31 58	9° 8'57	6♉35	13° 4	23°40	3°14	20°45	7°17	23° 4	24° 6	8°39	11° 0	12°17	15° 3	n.a.	T 3
F 4	6 35 55	10° 9'49	20°41	14°50	24°48	3°59	20°57	7°21	23° 7	24° 8	8°38	10°54	12°14	15° 9	n.a.	F 4
S 5	6 39 51	11°10'39	5♊17	16°37	25°56	4°44	21° 8	7°25	23° 9	24°10	8°36	10°47	12°11	15°16	n.a.	S 5
S 6	6 43 48	12°11'27	20°16	18°25	27° 3	5°28	21°19	7°30	23°12	24°12	8°35	10°38	12° 7	15°23	n.a.	S 6
M 7	6 47 45	13°12'14	5♋32	20°13	28°11	6°13	21°29	7°34	23°15	24°13	8°33	10°28	12° 4	15°30	n.a.	M 7
T 8	6 51 41	14°13'00	20°53	22° 1	29°18	6°58	21°40	7°38	23°17	24°15	8°32	10°20	12° 1	15°36	n.a.	T 8
W 9	6 55 38	15°13'44	6♌ 8	23°50	0♓25	7°42	21°51	7°42	23°20	24°17	8°31	10°14	11°58	15°43	n.a.	W 9
T 10	6 59 34	16°14'26	21° 6	25°38	1°31	8°27	22° 1	7°46	23°23	24°19	8°29	10°10	11°55	15°50	n.a.	T 10
F 11	7 3 31	17°15'07	5♍40	27°26	2°38	9°12	22°12	7°50	23°25	24°21	8°28	10°D 8	11°52	15°56	n.a.	F 11
S 12	7 7 27	18°15'47	19°47	29°15	3°44	9°57	22°22	7°53	23°28	24°23	8°27	10° 9	11°48	16° 3	n.a.	S 12
S 13	7 11 24	19°16'26	3♎27	1♒ 2	4°50	10°41	22°32	7°57	23°30	24°25	8°25	10°10	11°45	16°10	n.a.	S 13
M14	7 15 20	20°17'03	16°40	2°49	5°55	11°26	22°43	8° 1	23°32	24°27	8°24	10°R11	11°42	16°17	n.a.	M14
T 15	7 19 17	21°17'39	29°30	4°35	7° 1	12°11	22°53	8° 4	23°35	24°29	8°22	10°10	11°39	16°23	n.a.	T 15
W16	7 23 14	22°18'14	12♏ 2	6°19	8° 6	12°56	23° 3	8° 8	23°37	24°31	8°21	10° 8	11°36	16°30	n.a.	W16
T 17	7 27 10	23°18'47	24°18	8° 1	9°11	13°41	23°12	8°11	23°39	24°33	8°20	10° 4	11°33	16°37	n.a.	T 17
F 18	7 31 7	24°19'19	6♐24	9°41	10°15	14°26	23°22	8°14	23°42	24°35	8°18	9°57	11°29	16°43	n.a.	F 18
S 19	7 35 3	25°19'49	18°23	11°18	11°19	15°11	23°32	8°17	23°44	24°37	8°17	9°50	11°26	16°50	n.a.	S 19
S 20	7 39 0	26°20'18	0♑16	12°52	12°23	15°56	23°41	8°20	23°46	24°39	8°16	9°41	11°23	16°57	n.a.	S 20
M21	7 42 56	27°20'45	12° 7	14°21	13°27	16°41	23°51	8°23	23°48	24°41	8°14	9°32	11°20	17° 3	n.a.	M21
T 22	7 46 53	28°21'10	23°57	15°46	14°30	17°26	24° 0	8°26	23°50	24°43	8°13	9°24	11°17	17°10	n.a.	T 22
W23	7 50 50	29°21'34	5♒49	17° 6	15°33	18°11	24° 9	8°29	23°52	24°45	8°12	9°18	11°13	17°17	n.a.	W23
T 24	7 54 46	0♒21'55	17°42	18°20	16°36	18°57	24°18	8°32	23°54	24°47	8°11	9°14	11°10	17°23	n.a.	T 24
F 25	7 58 43	1°22'15	29°41	19°27	17°38	19°42	24°27	8°34	23°56	24°49	8° 9	9°11	11° 7	17°30	n.a.	F 25
S 26	8 2 39	2°22'33	11♓46	20°28	18°40	20°27	24°36	8°37	23°58	24°51	8° 8	9°D11	11° 4	17°37	n.a.	S 26
S 27	8 6 36	3°22'48	24° 1	21°20	19°42	21°12	24°45	8°39	24° 0	24°53	8° 7	9°12	11° 1	17°44	n.a.	S 27
M28	8 10 32	4°23'02	6♈29	22° 4	20°43	21°57	24°53	8°42	24° 2	24°56	8° 6	9°13	10°58	17°50	n.a.	M28
T 29	8 14 29	5°23'13	19°14	22°40	21°43	22°43	25° 2	8°44	24° 4	24°58	8° 4	9°15	10°54	17°57	n.a.	T 29
W30	8 18 25	6°23'22	2♉19	23° 6	22°44	23°28	25°10	8°46	24° 5	25° 0	8° 3	9°R16	10°51	18° 4	n.a.	W30
T 31	8 22 22	7♒23'29	15♉47	23♒24	23♓43	24♐13	25♏18	8♏48	24♏ 7	25♒ 2	8♋ 2	9♓16	10♓48	18♉10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s32	6n12	2n27	25s25	2s 2	15s30	1s 0	20s55	0s 9	17s21	0n44	12s 1	2n 9	18s36	0n 9	14s48	1s13	29n21	5n55	7s30	7s 0	27s13			n.a.
W 2	23 29	12 11	3 24	25 16	2 1	15 4	0 56	21 5	0 10	17 24	0 44	12 3	2 9	18 36	0 9	14 48	1 13	29 21	5 55	7 31	7 1	27 12			n.a.
T 3	23 25	17 50	4 12	25 5	2 1	14 37	0 53	21 14	0 11	17 27	0 44	12 4	2 10	18 37	0 9	14 47	1 13	29 21	5 55	7 32	7 2	27 10			n.a.
F 4	23 20	22 44	4 46	24 52	1 59	14 11	0 49	21 24	0 12	17 30	0 44	12 5	2 10	18 38	0 9	14 47	1 13	29 21	5 55	7 34	7 3	27 9			n.a.
S 5	23 15	26 24	5 3	24 37	1 57	13 44	0 45	21 33	0 13	17 33	0 44	12 7	2 10	18 38	0 9	14 46	1 13	29 21	5 55	7 37	7 5	27 8			n.a.
S 6	23 10	28 21	5 0	24 21	1 55	13 17	0 41	21 42	0 13	17 36	0 44	12 8	2 10	18 39	0 9	14 45	1 13	29 22	5 55	7 40	7 6	27 7			n.a.
M 7	23 4	28 13	4 36	24 2	1 52	12 49	0 36	21 50	0 14	17 39	0 44	12 9	2 10	18 40	0 9	14 45	1 12	29 22	5 55	7 44	7 7	27 5			n.a.
T 8	22 58	25 54	3 52	23 41	1 48	12 21	0 32	21 59	0 15	17 42	0 44	12 10	2 10	18 40	0 9	14 44	1 12	29 22	5 55	7 47	7 8	27 4			n.a.
W 9	22 51	21 44	2 52	23 18	1 44	11 54	0 28	22 7	0 16	17 45	0 44	12 12	2 10	18 41	0 9	14 43	1 12	29 22	5 56	7 49	7 9	27 3			n.a.
T 10	22 44	16 13	1 40	22 54	1 39	11 25	0 23	22 15	0 16	17 47	0 44	12 13	2 11	18 42	0 9	14 43	1 12	29 22	5 56	7 51	7 11	27 1			n.a.
F 11	22 36	9 55	0 24	22 27	1 33	10 57	0 19	22 23	0 17	17 50	0 44	12 14	2 11	18 42	0 9	14 42	1 12	29 22	5 56	7 52	7 12	27 0			n.a.
S 12	22 28	3 18	0s52	21 58	1 27	10 28	0 14	22 31	0 18	17 53	0 44	12 15	2 11	18 43	0 9	14 42	1 12	29 22	5 56	7 51	7 13	26 59			n.a.
S 13	22 20	3s15	2 2	21 28	1 20	10 0	0 9	22 38	0 19	17 55	0 44	12 16	2 11	18 44	0 9	14 41	1 12	29 23	5 56	7 51	7 14	26 57			n.a.
M14	22 11	9 27	3 4	20 56	1 12	9 31	0 4	22 45	0 20	17 58	0 44	12 17	2 11	18 44	0 9	14 40	1 12	29 23	5 56	7 51	7 16	26 56			n.a.
T 15	22 1	15 4	3 54	20 23	1 3	9 2	0n 1	22 52	0 20	18 1	0 44	12 18	2 11	18 45	0 9	14 39	1 12	29 23	5 56	7 51	7 17	26 55			n.a.
W16	21 52	19 56	4 32	19 48	0 54	8 33	0 6	22 59	0 21	18 3	0 44	12 19	2 12	18 46	0 9	14 39	1 12	29 23	5 56	7 52	7 18	26 53			n.a.
T 17	21 41	23 51	4 56	19 12	0 44	8 3	0 11	23 5	0 22	18 6	0 44	12 20	2 12	18 46	0 9	14 38	1 12	29 23	5 56	7 53	7 19	26 52			n.a.
F 18	21 31	26 41	5 7	18 35	0 33	7 34	0 16	23 11	0 23	18 8	0 44	12 21	2 12	18 47	0 9	14 37	1 12	29 23	5 56	7 56	7 20	26 51			n.a.
S 19	21 20	28 16	5 4	17 57	0 22	7 4	0 22	23 17	0 23	18 11	0 44	12 22	2 12	18 47	0 9	14 37	1 12	29 23	5 56	7 59	7 22	26 49			n.a.
S 20	21 9	28 32	4 48	17 18	0 9	6 35	0 27	23 23	0 24	18 13	0 44	12 22	2 12	18 48	0 9	14 36	1 12	29 23	5 56	8 2	7 23	26 48			n.a.
M21	20 57	27 29	4 20	16 40	0n 4	6 5	0 33	23 28	0 25	18 15	0 44	12 23	2 12	18 48	0 9	14 35	1 12	29 24	5 56	8 5	7 24	26 46			n.a.
T 22	20 45	25 12	3 40	16 2	0 17	5 35	0 38	23 34	0 26	18 18	0 44	12 24	2 13	18 49	0 9	14 35	1 12	29 24	5 56	8 8	7 25	26 45			n.a.
W23	20 32	21 49	2 51	15 24	0 32	5 5	0 44	23 39	0 27	18 20	0 44	12 25	2 13	18 49	0 9	14 34	1 12	29 24	5 56	8 11	7 27	26 44			n.a.
T 24	20 19	17 31	1 54	14 47	0 46	4 36	0 50	23 43	0 28	18 22	0 44	12 25	2 13	18 50	0 9	14 33	1 12	29 24	5 56	8 12	7 28	26 42			n.a.
F 25	20 6	12 32	0 52	14 12	1 1	4 6	0 55	23 48	0 28	18 24	0 44	12 26	2 13	18 50	0 9	14 32	1 12	29 24	5 56	8 13	7 29	26 41			n.a.
S 26	19 52	7 1	0n14	13 38	1 17	3 36	1 1	23 52	0 29	18 26	0 44	12 27	2 13	18 51	0 9	14 32	1 12	29 24	5 56	8 13	7 30	26 39			n.a.
S 27	19 38	1 11	1 20	13 6	1 32	3 6	1 7	23 56	0 30	18 28	0 44	12 27	2 13	18 51	0 9	14 31	1 12	29 24	5 56	8 13	7 31	26 38			n.a.
M28	19 24	4n48	2 24	12 37	1 48	2 36	1 13	24 0	0 31	18 31	0 44	12 28	2 14	18 52	0 9	14 30	1 12	29 24	5 56	8 12	7 33	26 36			n.a.
T 29	19 9	10 43	3 21	12 11	2 3	2 7	1 19	24 3	0 32	18 33	0 44	12 28	2 14	18 52	0 9	14 30	1 12	29 24	5 56	8 12	7 34	26 35			n.a.
W30	18 54	16 20	4 10	11 48	2 18	1 37	1 26	24 6	0 32	18 35	0 44	12 29	2 14	18 53	0 9	14 29	1 12	29 24	5 56	8 11	7 35	26 34			n.a.
T 31	18s39	21n20	4n47	11s29	2n33	1s 7	1n32	24s 9	0s33	18s37	0n44	12s29	2n14	18s53	0n 9	14s28	1s12	29n24	5n56	8s12	7s36	26s32			n.a.

Julian Day Number = 1618057.5, Delta T = 03h49m13s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'41, Lahiri = - 7°51'41 Julian Calendar 1 Jan. 283 BCE == Greg. Calendar 28 Dec. 284 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

FEBRUARY 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 26 18	8♒23'33	29♉41	23°R31	24♓43	24♐58	25♏26	8♏50	24♏ 8	25♒ 4	8°R 1	9°R14	10♓45	18♑17	n.a.	F 1
S 2	8 30 15	9°23'36	14♊ 1	23♒30	25°42	25°44	25°34	8°52	24°10	25° 6	8♋ 0	9♓11	10°42	18°24	n.a.	S 2
S 3	8 34 12	10°23'36	28°44	23°19	26°40	26°29	25°42	8°54	24°12	25° 9	7°58	9° 7	10°39	18°30	n.a.	S 3
M 4	8 38 8	11°23'34	13♋44	22°59	27°38	27°14	25°49	8°56	24°13	25°11	7°57	9° 3	10°35	18°37	n.a.	M 4
T 5	8 42 5	12°23'30	28°54	22°31	28°35	28° 0	25°57	8°57	24°14	25°13	7°56	9° 0	10°32	18°44	n.a.	T 5
W 6	8 46 1	13°23'23	14♌ 4	21°56	29°32	28°45	26° 4	8°59	24°16	25°15	7°55	8°57	10°29	18°51	n.a.	W 6
T 7	8 49 58	14°23'15	29° 3	21°14	0♈28	29°31	26°11	9° 0	24°17	25°18	7°54	8°55	10°26	18°57	n.a.	T 7
F 8	8 53 54	15°23'04	13♍45	20°26	1°24	0♑16	26°19	9° 1	24°18	25°20	7°53	8°D55	10°23	19° 4	n.a.	F 8
S 9	8 57 51	16°22'51	28° 2	19°34	2°19	1° 2	26°25	9° 2	24°20	25°22	7°52	8°56	10°19	19°11	n.a.	S 9
S 10	9 1 47	17°22'37	11♎52	18°38	3°13	1°47	26°32	9° 4	24°21	25°24	7°51	8°57	10°16	19°17	n.a.	S 10
M11	9 5 44	18°22'21	25°15	17°41	4° 7	2°33	26°39	9° 5	24°22	25°27	7°50	8°59	10°13	19°24	n.a.	M11
T 12	9 9 41	19°22'03	8♏13	16°43	5° 0	3°18	26°45	9° 5	24°23	25°29	7°49	9° 0	10°10	19°31	n.a.	T 12
W13	9 13 37	20°21'43	20°49	15°46	5°53	4° 4	26°52	9° 6	24°24	25°31	7°48	9°R 0	10° 7	19°37	n.a.	W13
T 14	9 17 34	21°21'21	3♐ 8	14°51	6°45	4°49	26°58	9° 7	24°25	25°33	7°47	9° 0	10° 4	19°44	n.a.	T 14
F 15	9 21 30	22°20'57	15°12	13°58	7°36	5°35	27° 4	9° 8	24°26	25°36	7°46	8°59	10° 0	19°51	n.a.	F 15
S 16	9 25 27	23°20'32	27° 8	13°10	8°26	6°20	27°10	9° 8	24°27	25°38	7°45	8°57	9°57	19°57	n.a.	S 16
S 17	9 29 23	24°20'05	8♑59	12°26	9°15	7° 6	27°15	9° 8	24°27	25°40	7°44	8°55	9°54	20° 4	n.a.	S 17
M18	9 33 20	25°19'36	20°48	11°46	10° 4	7°51	27°21	9° 9	24°28	25°42	7°43	8°52	9°51	20°11	n.a.	M18
T 19	9 37 16	26°19'04	2♒39	11°13	10°52	8°37	27°26	9° 9	24°29	25°45	7°42	8°50	9°48	20°18	n.a.	T 19
W20	9 41 13	27°18'31	14°34	10°45	11°39	9°23	27°31	9°R 9	24°30	25°47	7°42	8°49	9°45	20°24	n.a.	W20
T 21	9 45 10	28°17'55	26°35	10°23	12°25	10° 8	27°37	9° 9	24°30	25°49	7°41	8°48	9°41	20°31	n.a.	T 21
F 22	9 49 6	29°17'18	8♓45	10° 8	13°10	10°54	27°41	9° 9	24°31	25°52	7°40	8°D48	9°38	20°38	n.a.	F 22
S 23	9 53 3	0♓16'38	21° 3	9°58	13°54	11°39	27°46	9° 9	24°31	25°54	7°39	8°48	9°35	20°44	n.a.	S 23
S 24	9 56 59	1°15'55	3♈33	9°D54	14°37	12°25	27°51	9° 8	24°32	25°56	7°38	8°48	9°32	20°51	n.a.	S 24
M25	10 0 56	2°15'11	16°16	9°56	15°19	13°11	27°55	9° 8	24°32	25°58	7°38	8°49	9°29	20°58	n.a.	M25
T 26	10 4 52	3°14'24	29°13	10° 4	16° 0	13°56	27°59	9° 8	24°32	26° 1	7°37	8°50	9°25	21° 4	n.a.	T 26
W27	10 8 49	4°13'35	12♉26	10°16	16°40	14°42	28° 3	9° 7	24°33	26° 3	7°36	8°50	9°22	21°11	n.a.	W27
T 28	10 12 45	5♓12'43	25♉57	10♒34	17♈19	15♑28	28♏ 7	9♏ 6	24♏33	26♒ 5	7♋36	8♓50	9♓19	21♑18	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s23	25n21	5n 9	11s13	2n47	0s38	1n38	24s12	0s34	18s38	0n44	12s30	2n14	18s53	0n 9	14s27	1s12	29n25	5n56	8s12	7s38	26s31		n.a.
S 2	18 7	27 55	5 12	11 2	3 0	0 8	1 44	24 15	0 35	18 40	0 44	12 30	2 15	18 54	0 9	14 27	1 12	29 25	5 56	8 13	7 39	26 29		n.a.
S 3	17 51	28 38	4 55	10 54	3 12	0n21	1 51	24 17	0 36	18 42	0 44	12 31	2 15	18 54	0 9	14 26	1 12	29 25	5 56	8 15	7 40	26 28		n.a.
M 4	17 34	27 17	4 18	10 50	3 22	0 50	1 57	24 19	0 37	18 44	0 44	12 31	2 15	18 55	0 9	14 25	1 12	29 25	5 56	8 16	7 41	26 26		n.a.
T 5	17 17	23 55	3 22	10 51	3 31	1 19	2 4	24 20	0 37	18 46	0 44	12 31	2 15	18 55	0 9	14 24	1 12	29 25	5 56	8 18	7 42	26 25		n.a.
W 6	17 0	18 55	2 12	10 55	3 39	1 48	2 10	24 22	0 38	18 47	0 44	12 32	2 15	18 55	0 9	14 23	1 12	29 25	5 56	8 19	7 44	26 23		n.a.
T 7	16 43	12 47	0 54	11 4	3 44	2 17	2 17	24 23	0 39	18 49	0 44	12 32	2 15	18 56	0 9	14 23	1 12	29 25	5 56	8 19	7 45	26 22		n.a.
F 8	16 25	6 4	0s27	11 15	3 48	2 45	2 24	24 24	0 40	18 51	0 44	12 32	2 16	18 56	0 9	14 22	1 12	29 25	5 56	8 19	7 46	26 20		n.a.
S 9	16 7	0s47	1 43	11 30	3 49	3 14	2 31	24 24	0 41	18 52	0 44	12 32	2 16	18 56	0 9	14 21	1 12	29 25	5 56	8 19	7 47	26 19		n.a.
S 10	15 49	7 23	2 52	11 48	3 49	3 42	2 37	24 25	0 42	18 54	0 44	12 33	2 16	18 56	0 9	14 20	1 12	29 25	5 56	8 19	7 48	26 17		n.a.
M11	15 30	13 25	3 48	12 8	3 47	4 10	2 44	24 25	0 42	18 55	0 44	12 33	2 16	18 57	0 9	14 20	1 12	29 25	5 56	8 18	7 50	26 16		n.a.
T 12	15 12	18 41	4 31	12 29	3 42	4 37	2 51	24 25	0 43	18 57	0 44	12 33	2 16	18 57	0 9	14 19	1 12	29 25	5 56	8 18	7 51	26 14		n.a.
W13	14 53	22 59	5 0	12 52	3 36	5 5	2 58	24 24	0 44	18 58	0 44	12 33	2 17	18 57	0 9	14 18	1 12	29 25	5 56	8 17	7 52	26 12		n.a.
T 14	14 33	26 10	5 14	13 16	3 28	5 32	3 5	24 23	0 45	19 0	0 45	12 33	2 17	18 57	0 9	14 17	1 12	29 25	5 56	8 18	7 53	26 11		n.a.
F 15	14 14	28 6	5 14	13 40	3 18	5 59	3 12	24 22	0 46	19 1	0 45	12 33	2 17	18 58	0 9	14 17	1 12	29 25	5 56	8 18	7 55	26 9		n.a.
S 16	13 54	28 42	5 0	14 5	3 8	6 25	3 19	24 21	0 47	19 2	0 45	12 33	2 17	18 58	0 9	14 16	1 12	29 25	5 56	8 19	7 56	26 8		n.a.
S 17	13 34	27 58	4 33	14 28	2 56	6 51	3 26	24 20	0 47	19 4	0 45	12 33	2 17	18 58	0 9	14 15	1 12	29 25	5 56	8 20	7 57	26 6		n.a.
M18	13 14	25 58	3 55	14 52	2 43	7 17	3 33	24 18	0 48	19 5	0 45	12 33	2 18	18 58	0 9	14 14	1 12	29 25	5 56	8 20	7 58	26 5		n.a.
T 19	12 54	22 50	3 7	15 14	2 29	7 43	3 40	24 16	0 49	19 6	0 45	12 33	2 18	18 58	0 9	14 13	1 12	29 25	5 56	8 21	7 59	26 3		n.a.
W20	12 33	18 44	2 10	15 35	2 15	8 8	3 47	24 13	0 50	19 7	0 45	12 33	2 18	18 59	0 9	14 13	1 12	29 25	5 55	8 22	8 1	26 1		n.a.
T 21	12 13	13 51	1 7	15 55	2 1	8 32	3 54	24 11	0 51	19 8	0 45	12 32	2 18	18 59	0 9	14 12	1 12	29 25	5 55	8 22	8 2	26 0		n.a.
F 22	11 52	8 24	0 0	16 13	1 46	8 57	4 1	24 8	0 52	19 10	0 45	12 32	2 18	18 59	0 9	14 11	1 12	29 25	5 55	8 22	8 3	25 58		n.a.
S 23	11 31	2 33	1n 7	16 30	1 31	9 21	4 8	24 5	0 52	19 11	0 45	12 32	2 18	18 59	0 9	14 10	1 12	29 25	5 55	8 22	8 4	25 56		n.a.
S 24	11 9	3n28	2 13	16 45	1 17	9 44	4 15	24 2	0 53	19 12	0 45	12 32	2 19	18 59	0 9	14 10	1 12	29 25	5 55	8 22	8 5	25 55		n.a.
M25	10 48	9 26	3 13	16 59	1 2	10 7	4 22	23 58	0 54	19 13	0 45	12 31	2 19	18 59	0 9	14 9	1 12	29 25	5 55	8 22	8 7	25 53		n.a.
T 26	10 26	15 8	4 5	17 10	0 48	10 29	4 29	23 54	0 55	19 13	0 45	12 31	2 19	18 59	0 9	14 8	1 12	29 25	5 55	8 21	8 8	25 52		n.a.
W27	10 5	20 16	4 44	17 20	0 34	10 51	4 36	23 50	0 56	19 14	0 45	12 31	2 19	18 59	0 9	14 7	1 12	29 25	5 55	8 21	8 9	25 50		n.a.
T 28	9s43	24n29	5n 9	17s28	0n20	11n13	4n42	23s46	0s57	19s15	0n45	12s30	2n19	18s59	0n 9	14s 7	1s12	29n25	5n55	8s21	8s10	25s48		n.a.

Julian Day Number = 1618088.5, Delta T = 03h49m12s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'37, Lahiri = - 7°51'36 Julian Calendar 1 Feb. 283 BCE == Greg. Calendar 28 Jan. 283 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

MARCH 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 16 42	6♓11'49	9♊45	10♒57	17♈56	16♑13	28♏11	9°R 6	24♏33	26♒ 7	7°R35	8°R51	9♓16	21♑24	n.a.	F 1
S 2	10 20 38	7°10'53	23°52	11°24	18°32	16°59	28°14	9♏ 5	24°33	26°10	7♋34	8♓50	9°13	21°31	n.a.	S 2
S 3	10 24 35	8° 9'54	8♋16	11°56	19° 7	17°45	28°18	9° 4	24°33	26°12	7°34	8°50	9°10	21°38	n.a.	S 3
M 4	10 28 32	9° 8'53	22°53	12°32	19°40	18°30	28°21	9° 3	24°R33	26°14	7°33	8°D50	9° 6	21°45	n.a.	M 4
T 5	10 32 28	10° 7'49	7♌39	13°12	20°12	19°16	28°24	9° 1	24°33	26°16	7°33	8°50	9° 3	21°51	n.a.	T 5
W 6	10 36 25	11° 6'43	22°27	13°56	20°42	20° 2	28°27	9° 0	24°33	26°18	7°32	8°51	9° 0	21°58	n.a.	W 6
T 7	10 40 21	12° 5'35	7♍10	14°43	21°11	20°47	28°29	8°59	24°33	26°21	7°32	8°R51	8°57	22° 5	n.a.	T 7
F 8	10 44 18	13° 4'24	21°42	15°33	21°38	21°33	28°32	8°57	24°33	26°23	7°31	8°51	8°54	22°11	n.a.	F 8
S 9	10 48 14	14° 3'12	5♎56	16°27	22° 4	22°19	28°34	8°56	24°32	26°25	7°31	8°50	8°51	22°18	n.a.	S 9
S 10	10 52 11	15° 1'57	19°47	17°24	22°27	23° 4	28°36	8°54	24°32	26°27	7°30	8°50	8°47	22°25	n.a.	S 10
M11	10 56 7	16° 0'41	3♏15	18°23	22°49	23°50	28°38	8°52	24°32	26°29	7°30	8°49	8°44	22°31	n.a.	M11
T 12	11 0 4	16°59'23	16°19	19°26	23° 9	24°36	28°40	8°51	24°31	26°32	7°30	8°48	8°41	22°38	n.a.	T 12
W13	11 4 1	17°58'03	29° 0	20°31	23°28	25°21	28°41	8°49	24°31	26°34	7°29	8°47	8°38	22°45	n.a.	W13
T 14	11 7 57	18°56'41	11♐23	21°38	23°44	26° 7	28°42	8°47	24°30	26°36	7°29	8°46	8°35	22°51	n.a.	T 14
F 15	11 11 54	19°55'17	23°30	22°48	23°58	26°52	28°44	8°45	24°30	26°38	7°29	8°D46	8°31	22°58	n.a.	F 15
S 16	11 15 50	20°53'52	5♑27	24° 0	24°10	27°38	28°45	8°43	24°29	26°40	7°29	8°47	8°28	23° 5	n.a.	S 16
S 17	11 19 47	21°52'25	17°18	25°15	24°20	28°24	28°45	8°40	24°29	26°42	7°28	8°48	8°25	23°11	n.a.	S 17
M18	11 23 43	22°50'56	29° 8	26°32	24°28	29° 9	28°46	8°38	24°28	26°44	7°28	8°49	8°22	23°18	n.a.	M18
T 19	11 27 40	23°49'25	11♒ 1	27°50	24°33	29°55	28°46	8°36	24°27	26°46	7°28	8°50	8°19	23°25	n.a.	T 19
W20	11 31 36	24°47'52	23° 0	29°11	24°37	0♒41	28°46	8°33	24°26	26°48	7°28	8°51	8°16	23°31	n.a.	W20
T 21	11 35 33	25°46'18	5♓10	0♓34	24°R38	1°26	28°R46	8°30	24°26	26°51	7°28	8°R52	8°12	23°38	n.a.	T 21
F 22	11 39 30	26°44'42	17°31	1°59	24°36	2°12	28°46	8°28	24°25	26°53	7°28	8°52	8° 9	23°45	n.a.	F 22
S 23	11 43 26	27°43'03	0♈ 7	3°25	24°32	2°57	28°46	8°25	24°24	26°55	7°28	8°51	8° 6	23°52	n.a.	S 23
S 24	11 47 23	28°41'23	12°57	4°54	24°26	3°43	28°45	8°22	24°23	26°57	7°28	8°49	8° 3	23°58	n.a.	S 24
M25	11 51 19	29°39'41	26° 1	6°24	24°17	4°28	28°45	8°19	24°22	26°59	7°D28	8°46	8° 0	24° 5	n.a.	M25
T 26	11 55 16	0♈37'57	9♉20	7°57	24° 6	5°14	28°44	8°16	24°21	27° 1	7°28	8°43	7°56	24°12	n.a.	T 26
W27	11 59 12	1°36'11	22°52	9°31	23°52	5°59	28°43	8°13	24°20	27° 3	7°28	8°40	7°53	24°18	n.a.	W27
T 28	12 3 9	2°34'23	6♊36	11° 7	23°36	6°45	28°41	8°10	24°18	27° 4	7°28	8°37	7°50	24°25	n.a.	T 28
F 29	12 7 5	3°32'32	20°31	12°45	23°17	7°30	28°40	8° 7	24°17	27° 6	7°28	8°35	7°47	24°32	n.a.	F 29
S 30	12 11 2	4°30'40	4♋35	14°24	22°57	8°16	28°38	8° 4	24°16	27° 8	7°28	8°D35	7°44	24°38	n.a.	S 30
S 31	12 14 58	5♈28'46	18♋47	16♓ 5	22♈33	9♒ 1	28♏36	8♏ 1	24♏15	27♒10	7♋28	8♓35	7♓41	24♑45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s21	27n25	5n17	17s35	0n 7	11n34	4n49	23s41	0s57	19s16	0n45	12s30	2n20	19s 0	0n 9	14s 6	1s12	29n25	5n55	8s21	8s12	25s47		n.a.
S 2	8 59	28 41	5 7	17 39	0s 6	11 54	4 56	23 36	0 58	19 17	0 45	12 29	2 20	19 0	0 9	14 5	1 12	29 25	5 55	8 21	8 13	25 45		n.a.
S 3	8 37	28 4	4 37	17 42	0 18	12 14	5 3	23 31	0 59	19 17	0 45	12 29	2 20	19 0	0 9	14 4	1 12	29 25	5 55	8 21	8 14	25 43		n.a.
M 4	8 14	25 31	3 48	17 43	0 30	12 33	5 9	23 25	1 0	19 18	0 45	12 29	2 20	19 0	0 9	14 4	1 12	29 25	5 55	8 21	8 15	25 41		n.a.
T 5	7 52	21 14	2 45	17 43	0 41	12 51	5 16	23 20	1 1	19 19	0 45	12 28	2 20	19 0	0 9	14 3	1 12	29 25	5 55	8 21	8 16	25 40		n.a.
W 6	7 29	15 37	1 30	17 40	0 52	13 9	5 23	23 14	1 1	19 19	0 45	12 27	2 20	19 0	0 9	14 2	1 12	29 25	5 55	8 21	8 18	25 38		n.a.
T 7	7 6	9 8	0 9	17 36	1 2	13 26	5 29	23 8	1 2	19 20	0 45	12 27	2 21	19 0	0 9	14 1	1 13	29 25	5 55	8 21	8 19	25 36		n.a.
F 8	6 44	2 15	1s11	17 30	1 12	13 42	5 35	23 1	1 3	19 20	0 45	12 26	2 21	18 59	0 9	14 1	1 13	29 25	5 54	8 21	8 20	25 35		n.a.
S 9	6 21	4s35	2 25	17 23	1 21	13 57	5 41	22 55	1 4	19 21	0 45	12 26	2 21	18 59	0 9	14 0	1 13	29 25	5 54	8 21	8 21	25 33		n.a.
S 10	5 58	11 2	3 28	17 13	1 29	14 12	5 47	22 48	1 5	19 21	0 45	12 25	2 21	18 59	0 9	13 59	1 13	29 25	5 54	8 22	8 22	25 31		n.a.
M11	5 35	16 47	4 18	17 3	1 37	14 26	5 53	22 41	1 6	19 22	0 45	12 24	2 21	18 59	0 9	13 58	1 13	29 25	5 54	8 22	8 24	25 29		n.a.
T 12	5 12	21 35	4 53	16 50	1 45	14 38	5 59	22 33	1 6	19 22	0 45	12 23	2 21	18 59	0 9	13 58	1 13	29 25	5 54	8 22	8 25	25 28		n.a.
W13	4 49	25 15	5 12	16 36	1 52	14 50	6 4	22 26	1 7	19 22	0 45	12 23	2 21	18 59	0 9	13 57	1 13	29 25	5 54	8 22	8 26	25 26		n.a.
T 14	4 26	27 39	5 17	16 20	1 58	15 1	6 9	22 18	1 8	19 23	0 45	12 22	2 22	18 59	0 9	13 56	1 13	29 24	5 54	8 23	8 27	25 24		n.a.
F 15	4 2	28 40	5 7	16 2	2 4	15 11	6 14	22 10	1 9	19 23	0 45	12 21	2 22	18 59	0 9	13 56	1 13	29 24	5 54	8 23	8 28	25 22		n.a.
S 16	3 39	28 20	4 43	15 43	2 9	15 20	6 19	22 1	1 10	19 23	0 45	12 20	2 22	18 59	0 9	13 55	1 13	29 24	5 54	8 23	8 30	25 21		n.a.
S 17	3 16	26 42	4 8	15 22	2 14	15 28	6 24	21 53	1 10	19 23	0 45	12 19	2 22	18 58	0 9	13 54	1 13	29 24	5 54	8 22	8 31	25 19		n.a.
M18	2 52	23 53	3 23	14 59	2 18	15 35	6 28	21 44	1 11	19 23	0 45	12 19	2 22	18 58	0 9	13 53	1 13	29 24	5 54	8 22	8 32	25 17		n.a.
T 19	2 29	20 3	2 28	14 35	2 22	15 41	6 32	21 35	1 12	19 23	0 45	12 18	2 22	18 58	0 9	13 53	1 13	29 24	5 54	8 21	8 33	25 15		n.a.
W20	2 5	15 23	1 27	14 9	2 25	15 45	6 35	21 26	1 13	19 23	0 45	12 17	2 22	18 58	0 9	13 52	1 13	29 24	5 54	8 21	8 34	25 13		n.a.
T 21	1 42	10 3	0 20	13 42	2 28	15 48	6 38	21 17	1 14	19 23	0 45	12 16	2 23	18 58	0 9	13 51	1 13	29 24	5 53	8 21	8 36	25 12		n.a.
F 22	1 19	4 16	0n48	13 13	2 30	15 50	6 41	21 7	1 14	19 23	0 45	12 15	2 23	18 58	0 9	13 51	1 13	29 24	5 53	8 21	8 37	25 10		n.a.
S 23	0 55	1n48	1 55	12 43	2 31	15 51	6 43	20 57	1 15	19 23	0 46	12 14	2 23	18 57	0 9	13 50	1 13	29 24	5 53	8 21	8 38	25 8		n.a.
S 24	0 32	7 53	2 57	12 11	2 32	15 50	6 45	20 47	1 16	19 23	0 46	12 13	2 23	18 57	0 9	13 49	1 13	29 24	5 53	8 22	8 39	25 6		n.a.
M25	0 8	13 45	3 51	11 37	2 32	15 48	6 46	20 37	1 17	19 23	0 46	12 12	2 23	18 57	0 9	13 49	1 13	29 24	5 53	8 23	8 40	25 4		n.a.
T 26	0n15	19 6	4 34	11 2	2 32	15 45	6 47	20 26	1 17	19 23	0 46	12 11	2 23	18 57	0 9	13 48	1 13	29 24	5 53	8 24	8 42	25 3		n.a.
W27	0 39	23 35	5 2	10 26	2 31	15 40	6 47	20 16	1 18	19 23	0 46	12 10	2 23	18 56	0 9	13 47	1 13	29 23	5 53	8 25	8 43	25 1		n.a.
T 28	1 2	26 50	5 14	9 48	2 30	15 33	6 47	20 5	1 19	19 22	0 46	12 8	2 23	18 56	0 9	13 47	1 13	29 23	5 53	8 26	8 44	24 59		n.a.
F 29	1 25	28 30	5 7	9 8	2 28	15 25	6 46	19 54	1 20	19 22	0 46	12 7	2 24	18 56	0 9	13 46	1 13	29 23	5 53	8 27	8 45	24 57		n.a.
S 30	1 49	28 21	4 43	8 27	2 26	15 16	6 44	19 43	1 20	19 22	0 46	12 6	2 24	18 55	0 9	13 45	1 13	29 23	5 53	8 27	8 46	24 55		n.a.
S 31	2n12	26n22	4n 0	7s45	2s23	15n 5	6n42	19s31	1s21	19s21	0n46	12s 5	2n24	18s55	0n 9	13s45	1s13	29n23	5n53	8s27	8s48	24s53		n.a.

Julian Day Number = 1618116.5, Delta T = 03h49m11s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'33, Lahiri = - 7°51'33 Julian Calendar 1 March 283 BCE == Greg. Calendar 25 Feb. 283 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

APRIL 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 18 55	6♈26'49	3♌ 5	17♓49	22°R 8	9♒47	28°R34	7°R57	24°R13	27♒12	7♋28	8♓37	7♓37	24♉52	n.a.	M 1
T 2	12 22 52	7°24'50	17°26	19°34	21♈41	10°32	28♏32	7♏54	24♏12	27°14	7°28	8°38	7°34	24°58	n.a.	T 2
W 3	12 26 48	8°22'49	1♍47	21°20	21°11	11°17	28°30	7°50	24°10	27°16	7°29	8°R39	7°31	25° 5	n.a.	W 3
T 4	12 30 45	9°20'47	16° 4	23° 9	20°40	12° 3	28°27	7°47	24° 9	27°18	7°29	8°39	7°28	25°12	n.a.	T 4
F 5	12 34 41	10°18'42	0♎13	25° 0	20° 7	12°48	28°24	7°43	24° 8	27°19	7°29	8°37	7°25	25°18	n.a.	F 5
S 6	12 38 38	11°16'36	14°10	26°52	19°33	13°33	28°21	7°39	24° 6	27°21	7°29	8°34	7°22	25°25	n.a.	S 6
S 7	12 42 34	12°14'28	27°50	28°46	18°58	14°18	28°18	7°36	24° 4	27°23	7°30	8°30	7°18	25°32	n.a.	S 7
M 8	12 46 31	13°12'19	11♏12	0♈42	18°22	15° 4	28°15	7°32	24° 3	27°25	7°30	8°24	7°15	25°38	n.a.	M 8
T 9	12 50 27	14°10'08	24°13	2°40	17°44	15°49	28°11	7°28	24° 1	27°26	7°31	8°19	7°12	25°45	n.a.	T 9
W10	12 54 24	15° 7'56	6♐55	4°39	17° 7	16°34	28° 8	7°24	23°59	27°28	7°31	8°13	7° 9	25°52	n.a.	W10
T 11	12 58 21	16° 5'42	19°19	6°40	16°29	17°19	28° 4	7°20	23°58	27°30	7°31	8° 9	7° 6	25°58	n.a.	T 11
F 12	13 2 17	17° 3'27	1♑27	8°43	15°51	18° 4	28° 0	7°16	23°56	27°31	7°32	8° 6	7° 2	26° 5	n.a.	F 12
S 13	13 6 14	18° 1'11	13°25	10°48	15°13	18°49	27°56	7°12	23°54	27°33	7°32	8°D 4	6°59	26°12	n.a.	S 13
S 14	13 10 10	18°58'54	25°17	12°54	14°36	19°34	27°52	7° 8	23°52	27°34	7°33	8° 5	6°56	26°19	n.a.	S 14
M15	13 14 7	19°56'35	7♒ 7	15° 1	13°59	20°19	27°47	7° 4	23°50	27°36	7°33	8° 6	6°53	26°25	n.a.	M15
T 16	13 18 3	20°54'16	19° 2	17° 9	13°23	21° 4	27°43	7° 0	23°49	27°38	7°34	8° 7	6°50	26°32	n.a.	T 16
W17	13 22 0	21°51'55	1♓ 5	19°19	12°49	21°49	27°38	6°56	23°47	27°39	7°35	8° 8	6°47	26°39	n.a.	W17
T 18	13 25 56	22°49'32	13°21	21°29	12°15	22°34	27°33	6°52	23°45	27°41	7°35	8°R 8	6°43	26°45	n.a.	T 18
F 19	13 29 53	23°47'09	25°53	23°40	11°44	23°19	27°28	6°48	23°43	27°42	7°36	8° 7	6°40	26°52	n.a.	F 19
S 20	13 33 50	24°44'44	8♈44	25°51	11°14	24° 4	27°23	6°43	23°41	27°43	7°37	8° 3	6°37	26°59	n.a.	S 20
S 21	13 37 46	25°42'19	21°54	28° 2	10°46	24°48	27°17	6°39	23°39	27°45	7°37	7°58	6°34	27° 5	n.a.	S 21
M22	13 41 43	26°39'52	5♉22	0♉13	10°19	25°33	27°12	6°35	23°37	27°46	7°38	7°50	6°31	27°12	n.a.	M22
T 23	13 45 39	27°37'23	19° 7	2°24	9°55	26°18	27° 6	6°31	23°34	27°48	7°39	7°42	6°28	27°19	n.a.	T 23
W24	13 49 36	28°34'54	3♊ 5	4°34	9°33	27° 2	27° 0	6°26	23°32	27°49	7°39	7°34	6°24	27°25	n.a.	W24
T 25	13 53 32	29°32'23	17°12	6°43	9°14	27°47	26°54	6°22	23°30	27°50	7°40	7°27	6°21	27°32	n.a.	T 25
F 26	13 57 29	0♉29'51	1♋23	8°51	8°56	28°31	26°48	6°17	23°28	27°51	7°41	7°22	6°18	27°39	n.a.	F 26
S 27	14 1 25	1°27'18	15°36	10°57	8°41	29°16	26°42	6°13	23°26	27°53	7°42	7°19	6°15	27°45	n.a.	S 27
S 28	14 5 22	2°24'43	29°47	13° 1	8°29	0♓ 0	26°36	6° 9	23°24	27°54	7°43	7°D18	6°12	27°52	n.a.	S 28
M29	14 9 19	3°22'06	13♌56	15° 4	8°18	0°45	26°30	6° 4	23°21	27°55	7°44	7°18	6° 8	27°59	n.a.	M29
T 30	14 13 15	4♉19'28	27♌59	17♉ 4	8♈11	1♓29	26♏23	6♏ 0	23♏19	27♒56	7♋45	7♓19	6♓ 5	28♉ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n35	22n40	3n 3	7s 1	2s20	14n52	6n39	19s20	1s22	19s21	0n46	12s 4	2n24	18s55	0n 9	13s44	1s13	29n23	5n52	8s26	8s49	24s51		n.a.
T 2	2 59	17 36	1 54	6 15	2 16	14 38	6 35	19 8	1 23	19 20	0 46	12 3	2 24	18 54	0 9	13 44	1 13	29 23	5 52	8 26	8 50	24 49		n.a.
W 3	3 22	11 33	0 38	5 29	2 11	14 23	6 31	18 56	1 23	19 20	0 46	12 1	2 24	18 54	0 9	13 43	1 13	29 23	5 52	8 26	8 51	24 48		n.a.
T 4	3 45	4 56	0s40	4 40	2 6	14 6	6 26	18 44	1 24	19 19	0 46	12 0	2 24	18 54	0 9	13 42	1 13	29 23	5 52	8 26	8 52	24 46		n.a.
F 5	4 8	1s51	1 55	3 51	2 0	13 48	6 20	18 32	1 25	19 18	0 46	11 59	2 24	18 53	0 9	13 42	1 13	29 23	5 52	8 26	8 54	24 44		n.a.
S 6	4 31	8 26	3 2	3 0	1 54	13 28	6 13	18 19	1 25	19 18	0 46	11 58	2 24	18 53	0 9	13 41	1 13	29 22	5 52	8 27	8 55	24 42		n.a.
S 7	4 54	14 30	3 57	2 8	1 48	13 8	6 5	18 7	1 26	19 17	0 46	11 56	2 24	18 53	0 9	13 41	1 13	29 22	5 52	8 29	8 56	24 40		n.a.
M 8	5 16	19 45	4 37	1 15	1 40	12 46	5 57	17 54	1 27	19 16	0 46	11 55	2 24	18 52	0 9	13 40	1 13	29 22	5 52	8 31	8 57	24 38		n.a.
T 9	5 39	23 55	5 2	0 21	1 33	12 23	5 48	17 41	1 28	19 16	0 46	11 54	2 24	18 52	0 9	13 39	1 13	29 22	5 52	8 33	8 58	24 36		n.a.
W10	6 2	26 50	5 11	0n35	1 25	12 0	5 39	17 28	1 28	19 15	0 46	11 53	2 25	18 51	0 9	13 39	1 14	29 22	5 52	8 35	9 0	24 34		n.a.
T 11	6 24	28 22	5 5	1 31	1 16	11 35	5 28	17 15	1 29	19 14	0 45	11 51	2 25	18 51	0 9	13 38	1 14	29 22	5 52	8 37	9 1	24 32		n.a.
F 12	6 47	28 29	4 46	2 28	1 7	11 11	5 17	17 1	1 30	19 13	0 45	11 50	2 25	18 50	0 9	13 38	1 14	29 22	5 52	8 38	9 2	24 30		n.a.
S 13	7 9	27 15	4 14	3 26	0 58	10 45	5 6	16 48	1 30	19 12	0 45	11 49	2 25	18 50	0 9	13 37	1 14	29 22	5 51	8 39	9 3	24 28		n.a.
S 14	7 31	24 48	3 32	4 25	0 48	10 19	4 54	16 34	1 31	19 11	0 45	11 47	2 25	18 50	0 9	13 37	1 14	29 22	5 51	8 39	9 4	24 26		n.a.
M15	7 53	21 18	2 40	5 24	0 38	9 54	4 42	16 20	1 32	19 10	0 45	11 46	2 25	18 49	0 9	13 36	1 14	29 21	5 51	8 38	9 5	24 24		n.a.
T 16	8 15	16 55	1 42	6 23	0 28	9 28	4 29	16 6	1 32	19 9	0 45	11 44	2 25	18 49	0 9	13 36	1 14	29 21	5 51	8 38	9 7	24 22		n.a.
W17	8 37	11 49	0 38	7 22	0 18	9 2	4 16	15 52	1 33	19 8	0 45	11 43	2 25	18 48	0 9	13 35	1 14	29 21	5 51	8 37	9 8	24 20		n.a.
T 18	8 59	6 12	0n28	8 22	0 7	8 36	4 2	15 38	1 34	19 7	0 45	11 42	2 25	18 48	0 9	13 35	1 14	29 21	5 51	8 37	9 9	24 18		n.a.
F 19	9 20	0 13	1 34	9 21	0n 3	8 11	3 48	15 24	1 34	19 6	0 45	11 40	2 25	18 47	0 9	13 34	1 14	29 21	5 51	8 38	9 10	24 16		n.a.
S 20	9 42	5n54	2 37	10 19	0 14	7 46	3 34	15 9	1 35	19 5	0 45	11 39	2 25	18 47	0 9	13 34	1 14	29 21	5 51	8 39	9 11	24 14		n.a.
S 21	10 3	11 56	3 34	11 17	0 24	7 22	3 20	14 55	1 35	19 4	0 45	11 37	2 25	18 46	0 9	13 33	1 14	29 21	5 51	8 41	9 13	24 12		n.a.
M22	10 24	17 32	4 19	12 14	0 35	6 59	3 6	14 40	1 36	19 2	0 45	11 36	2 25	18 46	0 9	13 33	1 14	29 21	5 51	8 44	9 14	24 10		n.a.
T 23	10 45	22 22	4 51	13 9	0 45	6 36	2 52	14 25	1 37	19 1	0 45	11 35	2 25	18 45	0 9	13 33	1 14	29 20	5 51	8 47	9 15	24 8		n.a.
W24	11 6	26 1	5 6	14 3	0 55	6 15	2 38	14 10	1 37	19 0	0 45	11 33	2 25	18 45	0 9	13 32	1 14	29 20	5 51	8 50	9 16	24 6		n.a.
T 25	11 27	28 7	5 2	14 56	1 4	5 54	2 24	13 55	1 38	18 59	0 45	11 32	2 25	18 44	0 9	13 32	1 14	29 20	5 50	8 53	9 17	24 4		n.a.
F 26	11 47	28 24	4 40	15 46	1 13	5 34	2 10	13 40	1 38	18 57	0 45	11 30	2 25	18 43	0 9	13 31	1 14	29 20	5 50	8 55	9 19	24 2		n.a.
S 27	12 7	26 48	4 1	16 35	1 22	5 16	1 56	13 25	1 39	18 56	0 45	11 29	2 25	18 43	0 9	13 31	1 14	29 20	5 50	8 56	9 20	24 0		n.a.
S 28	12 27	23 29	3 7	17 22	1 30	4 58	1 43	13 9	1 40	18 54	0 45	11 27	2 25	18 42	0 9	13 31	1 14	29 20	5 50	8 56	9 21	23 58		n.a.
M29	12 47	18 48	2 2	18 6	1 37	4 42	1 30	12 54	1 40	18 53	0 45	11 26	2 25	18 42	0 9	13 30	1 14	29 20	5 50	8 56	9 22	23 56		n.a.
T 30	13n 7	13n 6	0n50	18n48	1n44	4n27	1n17	12s39	1s41	18s52	0n45	11s25	2n25	18s41	0n 9	13s30	1s14	29n20	5n50	8s56	9s23	23s54		n.a.

Julian Day Number = 1618147.5, Delta T = 03h49m10s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'29, Lahiri = - 7°51'28 Julian Calendar 1 Apr. 283 BCE == Greg. Calendar 28 March 283 BCE

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

MAY 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 17 12	5♉16'49	11♍58	19♉ 3	8°R 5	2♓13	26°R16	5°R56	23°R17	27♒57	7♋46	7°R19	6♓ 2	28♉12	n.a.	W 1
T 2	14 21 8	6°14'09	25°49	20°59	8♈ 2	2°57	26♏10	5♏51	23♏14	27°59	7°46	7♓18	5°59	28°19	n.a.	T 2
F 3	14 25 5	7°11'27	9♎33	22°52	8°D 1	3°42	26° 3	5°47	23°12	28° 0	7°47	7°14	5°56	28°25	n.a.	F 3
S 4	14 29 1	8° 8'44	23° 6	24°43	8° 3	4°26	25°56	5°42	23°10	28° 1	7°48	7° 8	5°53	28°32	n.a.	S 4
S 5	14 32 58	9° 6'01	6♏26	26°32	8° 7	5°10	25°49	5°38	23° 8	28° 2	7°49	6°59	5°49	28°39	n.a.	S 5
M 6	14 36 54	10° 3'16	19°33	28°18	8°13	5°54	25°42	5°34	23° 5	28° 3	7°51	6°49	5°46	28°45	n.a.	M 6
T 7	14 40 51	11° 0'31	2♐23	0♊ 1	8°21	6°38	25°35	5°29	23° 3	28° 4	7°52	6°38	5°43	28°52	n.a.	T 7
W 8	14 44 48	11°57'45	14°58	1°42	8°32	7°22	25°28	5°25	23° 0	28° 5	7°53	6°28	5°40	28°59	n.a.	W 8
T 9	14 48 44	12°54'59	27°17	3°20	8°44	8° 5	25°21	5°20	22°58	28° 5	7°54	6°18	5°37	29° 5	n.a.	T 9
F 10	14 52 41	13°52'12	9♑24	4°55	8°59	8°49	25°13	5°16	22°56	28° 6	7°55	6°11	5°33	29°12	n.a.	F 10
S 11	14 56 37	14°49'25	21°21	6°28	9°16	9°33	25° 6	5°12	22°53	28° 7	7°56	6° 6	5°30	29°19	n.a.	S 11
S 12	15 0 34	15°46'37	3♒11	7°58	9°34	10°16	24°58	5° 7	22°51	28° 8	7°57	6° 4	5°27	29°25	n.a.	S 12
M13	15 4 30	16°43'49	15° 1	9°25	9°54	11° 0	24°51	5° 3	22°48	28° 9	7°58	6°D 3	5°24	29°32	n.a.	M13
T 14	15 8 27	17°41'00	26°55	10°50	10°16	11°43	24°43	4°59	22°46	28°10	8° 0	6° 3	5°21	29°39	n.a.	T 14
W15	15 12 23	18°38'11	8♓59	12°11	10°40	12°27	24°36	4°55	22°43	28°10	8° 1	6°R 3	5°18	29°45	n.a.	W15
T 16	15 16 20	19°35'22	21°18	13°30	11° 6	13°10	24°28	4°51	22°41	28°11	8° 2	6° 2	5°14	29°52	n.a.	T 16
F 17	15 20 17	20°32'32	3♈56	14°46	11°33	13°53	24°21	4°46	22°39	28°12	8° 3	5°59	5°11	29°59	n.a.	F 17
S 18	15 24 13	21°29'42	16°56	15°58	12° 1	14°37	24°13	4°42	22°36	28°12	8° 5	5°54	5° 8	0♒ 5	n.a.	S 18
S 19	15 28 10	22°26'52	0♉21	17° 8	12°31	15°20	24° 5	4°38	22°34	28°13	8° 6	5°46	5° 5	0°12	n.a.	S 19
M20	15 32 6	23°24'02	14° 9	18°15	13° 3	16° 3	23°58	4°34	22°31	28°13	8° 7	5°36	5° 2	0°19	n.a.	M20
T 21	15 36 3	24°21'11	28°18	19°19	13°35	16°46	23°50	4°30	22°29	28°14	8° 9	5°25	4°59	0°25	n.a.	T 21
W22	15 39 59	25°18'20	12♊41	20°19	14°10	17°29	23°42	4°26	22°26	28°14	8°10	5°14	4°55	0°32	n.a.	W22
T 23	15 43 56	26°15'29	27°14	21°16	14°45	18°11	23°35	4°22	22°24	28°15	8°11	5° 4	4°52	0°39	n.a.	T 23
F 24	15 47 53	27°12'37	11♋49	22°10	15°21	18°54	23°27	4°18	22°21	28°15	8°13	4°56	4°49	0°46	n.a.	F 24
S 25	15 51 49	28° 9'45	26°19	23° 0	15°59	19°37	23°19	4°14	22°19	28°16	8°14	4°51	4°46	0°52	n.a.	S 25
S 26	15 55 46	29° 6'53	10♌41	23°46	16°38	20°19	23°12	4°11	22°17	28°16	8°16	4°49	4°43	0°59	n.a.	S 26
M27	15 59 42	0♊ 3'59	24°51	24°29	17°18	21° 2	23° 4	4° 7	22°14	28°16	8°17	4°48	4°39	1° 6	n.a.	M27
T 28	16 3 39	1° 1'06	8♍49	25° 8	17°59	21°44	22°57	4° 3	22°12	28°17	8°18	4°48	4°36	1°12	n.a.	T 28
W29	16 7 35	1°58'11	22°34	25°43	18°41	22°26	22°49	4° 0	22° 9	28°17	8°20	4°47	4°33	1°19	n.a.	W29
T 30	16 11 32	2°55'17	6♎ 8	26°14	19°24	23° 9	22°42	3°56	22° 7	28°17	8°21	4°45	4°30	1°26	n.a.	T 30
F 31	16 15 28	3♊52'22	19♎29	26♊41	20♈ 7	23♓51	22♏34	3♏52	22♏ 4	28♒17	8♋23	4♓40	4♓27	1♒32	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	13n26	6n47	0s25	19n27	1n50	4n13	1n 4	12s23	1s41	18s50	0n45	11s23	2n25	18s41	0n 9	13s29	1s14	29n19	5n50	8s56	9s25	23s52			n.a.
T 2	13 46	0 12	1 37	20 5	1 56	4 0	0 51	12 7	1 42	18 49	0 44	11 22	2 25	18 40	0 9	13 29	1 14	29 19	5 50	8 56	9 26	23 50			n.a.
F 3	14 5	6s19	2 43	20 39	2 0	3 49	0 39	11 52	1 42	18 47	0 44	11 20	2 25	18 40	0 9	13 29	1 15	29 19	5 50	8 58	9 27	23 48			n.a.
S 4	14 24	12 28	3 39	21 11	2 4	3 39	0 27	11 36	1 43	18 45	0 44	11 19	2 25	18 39	0 9	13 28	1 15	29 19	5 50	9 0	9 28	23 46			n.a.
S 5	14 42	17 56	4 22	21 41	2 8	3 30	0 16	11 20	1 43	18 44	0 44	11 17	2 24	18 38	0 9	13 28	1 15	29 19	5 50	9 3	9 29	23 44			n.a.
M 6	15 1	22 28	4 50	22 8	2 10	3 22	0 4	11 4	1 44	18 42	0 44	11 16	2 24	18 38	0 9	13 28	1 15	29 19	5 50	9 7	9 30	23 42			n.a.
T 7	15 19	25 49	5 2	22 33	2 12	3 15	0s 6	10 48	1 44	18 41	0 44	11 15	2 24	18 37	0 9	13 28	1 15	29 19	5 50	9 11	9 32	23 40			n.a.
W 8	15 37	27 50	5 0	22 56	2 13	3 10	0 17	10 32	1 45	18 39	0 44	11 13	2 24	18 37	0 9	13 27	1 15	29 19	5 50	9 15	9 33	23 37			n.a.
T 9	15 54	28 25	4 43	23 16	2 14	3 6	0 27	10 16	1 45	18 37	0 44	11 12	2 24	18 36	0 9	13 27	1 15	29 18	5 50	9 18	9 34	23 35			n.a.
F 10	16 12	27 37	4 14	23 34	2 13	3 2	0 37	10 0	1 46	18 36	0 44	11 11	2 24	18 35	0 9	13 27	1 15	29 18	5 49	9 21	9 35	23 33			n.a.
S 11	16 29	25 32	3 34	23 49	2 12	3 0	0 46	9 43	1 46	18 34	0 44	11 9	2 24	18 35	0 9	13 26	1 15	29 18	5 49	9 23	9 36	23 31			n.a.
S 12	16 46	22 22	2 45	24 3	2 10	2 59	0 55	9 27	1 47	18 32	0 44	11 8	2 24	18 34	0 9	13 26	1 15	29 18	5 49	9 24	9 38	23 29			n.a.
M13	17 2	18 16	1 49	24 14	2 8	2 59	1 4	9 11	1 47	18 31	0 43	11 6	2 24	18 33	0 9	13 26	1 15	29 18	5 49	9 24	9 39	23 27			n.a.
T 14	17 19	13 27	0 48	24 24	2 4	3 0	1 13	8 54	1 48	18 29	0 43	11 5	2 24	18 33	0 9	13 26	1 15	29 18	5 49	9 24	9 40	23 25			n.a.
W15	17 35	8 3	0n16	24 31	2 0	3 2	1 21	8 38	1 48	18 27	0 43	11 4	2 24	18 32	0 9	13 26	1 15	29 18	5 49	9 24	9 41	23 23			n.a.
T 16	17 51	2 16	1 20	24 37	1 56	3 5	1 28	8 22	1 49	18 25	0 43	11 3	2 24	18 32	0 9	13 25	1 15	29 18	5 49	9 24	9 42	23 20			n.a.
F 17	18 6	3n45	2 22	24 40	1 50	3 9	1 36	8 5	1 49	18 24	0 43	11 1	2 23	18 31	0 9	13 25	1 15	29 17	5 49	9 26	9 43	23 18			n.a.
S 18	18 21	9 47	3 19	24 43	1 44	3 14	1 43	7 49	1 49	18 22	0 43	11 0	2 23	18 30	0 9	13 25	1 15	29 17	5 49	9 28	9 45	23 16			n.a.
S 19	18 36	15 34	4 6	24 43	1 37	3 20	1 50	7 32	1 50	18 20	0 43	10 59	2 23	18 30	0 9	13 25	1 15	29 17	5 49	9 30	9 46	23 14			n.a.
M20	18 51	20 44	4 40	24 42	1 30	3 26	1 56	7 15	1 50	18 18	0 43	10 57	2 23	18 29	0 9	13 25	1 15	29 17	5 49	9 34	9 47	23 12			n.a.
T 21	19 5	24 52	4 59	24 39	1 22	3 33	2 2	6 59	1 51	18 17	0 42	10 56	2 23	18 29	0 9	13 25	1 15	29 17	5 49	9 38	9 48	23 9			n.a.
W22	19 19	27 31	4 58	24 35	1 13	3 41	2 8	6 42	1 51	18 15	0 42	10 55	2 23	18 28	0 9	13 25	1 15	29 17	5 49	9 42	9 49	23 7			n.a.
T 23	19 33	28 21	4 39	24 30	1 3	3 50	2 14	6 26	1 51	18 13	0 42	10 54	2 23	18 27	0 9	13 24	1 16	29 17	5 49	9 46	9 50	23 5			n.a.
F 24	19 47	27 12	4 1	24 23	0 53	3 59	2 19	6 9	1 52	18 11	0 42	10 53	2 22	18 27	0 9	13 24	1 16	29 17	5 49	9 49	9 52	23 3			n.a.
S 25	20 0	24 14	3 8	24 15	0 43	4 9	2 24	5 52	1 52	18 9	0 42	10 51	2 22	18 26	0 9	13 24	1 16	29 16	5 49	9 51	9 53	23 1			n.a.
S 26	20 12	19 45	2 4	24 6	0 31	4 20	2 29	5 36	1 52	18 8	0 42	10 50	2 22	18 25	0 9	13 24	1 16	29 16	5 49	9 52	9 54	22 58			n.a.
M27	20 25	14 13	0 52	23 56	0 19	4 31	2 33	5 19	1 53	18 6	0 42	10 49	2 22	18 25	0 9	13 24	1 16	29 16	5 49	9 52	9 55	22 56			n.a.
T 28	20 37	8 2	0s21	23 45	0 7	4 43	2 38	5 3	1 53	18 4	0 41	10 48	2 22	18 24	0 9	13 24	1 16	29 16	5 49	9 52	9 56	22 54			n.a.
W29	20 49	1 34	1 33	23 33	0s 6	4 55	2 42	4 46	1 53	18 2	0 41	10 47	2 22	18 24	0 9	13 24	1 16	29 16	5 49	9 52	9 57	22 52			n.a.
T 30	21 0	4s52	2 37	23 21	0 20	5 8	2 46	4 29	1 54	18 1	0 41	10 46	2 22	18 23	0 9	13 24	1 16	29 16	5 49	9 53	9 59	22 50			n.a.
F 31	21n11	10s59	3s33	23n 8	0s34	5n21	2s49	4s13	1s54	17s59	0n41	10s45	2n21	18s22	0n 9	13s24	1s16	29n16	5n49	9s55	10s 0	22s47			n.a.

Julian Day Number = 1618177.5, Delta T = 03h49m09s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'25, Lahiri = - 7°51'24 Julian Calendar 1 May 283 BCE == Greg. Calendar 27 Apr. 283 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

JUNE 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 19 25	4♊49'27	2♏40	27♊ 3	20♈52	24♓33	22°R27	3°R49	22°R 2	28♒17	8♋24	4°R32	4♓24	1♒39	n.a.	S 1
S 2	16 23 22	5°46'32	15°39	27°21	21°38	25°14	22♏20	3♏46	22♏ 0	28°18	8°26	4♓22	4°20	1°46	n.a.	S 2
M 3	16 27 18	6°43'37	28°26	27°34	22°24	25°56	22°12	3°42	21°57	28°18	8°27	4°10	4°17	1°52	n.a.	M 3
T 4	16 31 15	7°40'42	11♐ 1	27°43	23°11	26°38	22° 5	3°39	21°55	28°18	8°29	3°57	4°14	1°59	n.a.	T 4
W 5	16 35 11	8°37'47	23°24	27°R47	23°59	27°20	21°58	3°36	21°53	28°18	8°31	3°44	4°11	2° 6	n.a.	W 5
T 6	16 39 8	9°34'53	5♑35	27°46	24°48	28° 1	21°51	3°33	21°50	28°R18	8°32	3°33	4° 8	2°12	n.a.	T 6
F 7	16 43 4	10°31'59	17°36	27°41	25°37	28°42	21°44	3°30	21°48	28°18	8°34	3°24	4° 5	2°19	n.a.	F 7
S 8	16 47 1	11°29'05	29°29	27°31	26°27	29°24	21°37	3°27	21°46	28°18	8°35	3°17	4° 1	2°26	n.a.	S 8
S 9	16 50 58	12°26'12	11♒18	27°16	27°18	0♈ 5	21°31	3°24	21°44	28°18	8°37	3°13	3°58	2°32	n.a.	S 9
M10	16 54 54	13°23'19	23° 6	26°57	28°10	0°46	21°24	3°21	21°41	28°18	8°39	3°12	3°55	2°39	n.a.	M10
T 11	16 58 51	14°20'26	4♓59	26°34	29° 2	1°27	21°18	3°18	21°39	28°17	8°40	3°D11	3°52	2°46	n.a.	T 11
W12	17 2 47	15°17'35	17° 2	26° 7	29°54	2° 8	21°11	3°15	21°37	28°17	8°42	3°R11	3°49	2°52	n.a.	W12
T 13	17 6 44	16°14'43	29°20	25°37	0♉48	2°49	21° 5	3°13	21°35	28°17	8°43	3°11	3°45	2°59	n.a.	T 13
F 14	17 10 40	17°11'53	11♈58	25° 3	1°41	3°29	20°59	3°10	21°33	28°17	8°45	3° 8	3°42	3° 6	n.a.	F 14
S 15	17 14 37	18° 9'03	25° 1	24°27	2°36	4°10	20°52	3° 8	21°31	28°16	8°47	3° 4	3°39	3°12	n.a.	S 15
S 16	17 18 33	19° 6'15	8♉31	23°48	3°31	4°50	20°46	3° 5	21°29	28°16	8°48	2°57	3°36	3°19	n.a.	S 16
M17	17 22 30	20° 3'26	22°29	23° 9	4°26	5°30	20°41	3° 3	21°26	28°16	8°50	2°48	3°33	3°26	n.a.	M17
T 18	17 26 27	21° 0'39	6♊52	22°28	5°22	6°11	20°35	3° 1	21°24	28°15	8°52	2°38	3°30	3°32	n.a.	T 18
W19	17 30 23	21°57'53	21°34	21°47	6°18	6°51	20°29	2°58	21°22	28°15	8°54	2°27	3°26	3°39	n.a.	W19
T 20	17 34 20	22°55'07	6♋29	21° 7	7°15	7°30	20°24	2°56	21°20	28°14	8°55	2°18	3°23	3°46	n.a.	T 20
F 21	17 38 16	23°52'21	21°26	20°28	8°12	8°10	20°19	2°54	21°19	28°14	8°57	2°11	3°20	3°52	n.a.	F 21
S 22	17 42 13	24°49'37	6♌18	19°52	9°10	8°50	20°13	2°52	21°17	28°14	8°59	2° 6	3°17	3°59	n.a.	S 22
S 23	17 46 9	25°46'52	20°56	19°18	10° 8	9°29	20° 8	2°51	21°15	28°13	9° 0	2° 4	3°14	4° 6	n.a.	S 23
M24	17 50 6	26°44'08	5♍18	18°47	11° 6	10° 9	20° 4	2°49	21°13	28°12	9° 2	2°D 4	3°11	4°12	n.a.	M24
T 25	17 54 2	27°41'25	19°21	18°20	12° 5	10°48	19°59	2°47	21°11	28°12	9° 4	2° 4	3° 7	4°19	n.a.	T 25
W26	17 57 59	28°38'42	3♎ 4	17°58	13° 4	11°27	19°54	2°46	21° 9	28°11	9° 6	2°R 4	3° 4	4°26	n.a.	W26
T 27	18 1 56	29°35'59	16°29	17°40	14° 4	12° 6	19°50	2°44	21° 8	28°11	9° 7	2° 3	3° 1	4°32	n.a.	T 27
F 28	18 5 52	0♋33'17	29°38	17°28	15° 3	12°44	19°46	2°43	21° 6	28°10	9° 9	1°59	2°58	4°39	n.a.	F 28
S 29	18 9 49	1°30'36	12♏32	17°22	16° 4	13°23	19°42	2°42	21° 4	28° 9	9°11	1°54	2°55	4°46	n.a.	S 29
S 30	18 13 45	2♋27'56	25♏14	17°D22	17♉ 4	14♈ 1	19♏38	2♏40	21♏ 3	28♒ 8	9♋13	1♓45	2♓51	4♒52	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n22	16s32	4s15	22n54	0s48	5n35	2s52	3s56	1s54	17s57	0n41	10s44	2n21	18s22	0n 9	13s24	1s16	29n16	5n49	9s58	10s 1	22s45		n.a.
S 2	21 32	21 15	4 44	22 39	1 3	5 49	2 55	3 40	1 54	17 55	0 41	10 43	2 21	18 21	0 9	13 24	1 16	29 15	5 49	10 2	10 2	22 43		n.a.
M 3	21 42	24 54	4 59	22 25	1 18	6 4	2 58	3 23	1 55	17 54	0 40	10 42	2 21	18 20	0 9	13 24	1 16	29 15	5 49	10 6	10 3	22 41		n.a.
T 4	21 51	27 17	4 58	22 10	1 33	6 19	3 1	3 6	1 55	17 52	0 40	10 41	2 21	18 20	0 8	13 24	1 16	29 15	5 49	10 11	10 5	22 38		n.a.
W 5	22 1	28 16	4 43	21 54	1 49	6 35	3 3	2 50	1 55	17 50	0 40	10 40	2 20	18 19	0 8	13 24	1 16	29 15	5 49	10 16	10 6	22 36		n.a.
T 6	22 9	27 52	4 15	21 39	2 4	6 51	3 5	2 33	1 55	17 49	0 40	10 39	2 20	18 19	0 8	13 24	1 16	29 15	5 49	10 20	10 7	22 34		n.a.
F 7	22 18	26 8	3 36	21 23	2 20	7 7	3 7	2 17	1 56	17 47	0 40	10 38	2 20	18 18	0 8	13 24	1 16	29 15	5 49	10 23	10 8	22 31		n.a.
S 8	22 26	23 15	2 48	21 8	2 35	7 24	3 9	2 1	1 56	17 45	0 39	10 37	2 20	18 18	0 8	13 24	1 16	29 15	5 49	10 25	10 9	22 29		n.a.
S 9	22 34	19 25	1 53	20 52	2 50	7 40	3 11	1 44	1 56	17 44	0 39	10 37	2 20	18 17	0 8	13 24	1 16	29 15	5 49	10 27	10 10	22 27		n.a.
M10	22 41	14 49	0 53	20 37	3 5	7 58	3 12	1 28	1 56	17 42	0 39	10 36	2 19	18 16	0 8	13 24	1 16	29 15	5 49	10 27	10 12	22 25		n.a.
T 11	22 48	9 39	0n10	20 22	3 19	8 15	3 13	1 11	1 56	17 41	0 39	10 35	2 19	18 16	0 8	13 24	1 17	29 14	5 49	10 28	10 13	22 22		n.a.
W12	22 55	4 4	1 13	20 8	3 32	8 33	3 15	0 55	1 56	17 39	0 39	10 34	2 19	18 15	0 8	13 25	1 17	29 14	5 49	10 28	10 14	22 20		n.a.
T 13	23 1	1n47	2 14	19 55	3 45	8 50	3 15	0 39	1 57	17 38	0 38	10 34	2 19	18 15	0 8	13 25	1 17	29 14	5 49	10 28	10 15	22 18		n.a.
F 14	23 6	7 42	3 10	19 42	3 57	9 9	3 16	0 23	1 57	17 36	0 38	10 33	2 19	18 14	0 8	13 25	1 17	29 14	5 49	10 29	10 16	22 15		n.a.
S 15	23 12	13 30	3 59	19 30	4 7	9 27	3 17	0 7	1 57	17 35	0 38	10 32	2 18	18 14	0 8	13 25	1 17	29 14	5 49	10 30	10 17	22 13		n.a.
S 16	23 17	18 51	4 35	19 19	4 16	9 45	3 17	0n10	1 57	17 33	0 38	10 32	2 18	18 13	0 8	13 25	1 17	29 14	5 49	10 33	10 19	22 11		n.a.
M17	23 21	23 24	4 57	19 9	4 24	10 4	3 17	0 26	1 57	17 32	0 38	10 31	2 18	18 13	0 8	13 25	1 17	29 14	5 49	10 36	10 20	22 8		n.a.
T 18	23 25	26 40	5 1	19 1	4 31	10 22	3 17	0 42	1 57	17 31	0 37	10 31	2 18	18 12	0 8	13 25	1 17	29 14	5 49	10 40	10 21	22 6		n.a.
W19	23 29	28 13	4 46	18 53	4 36	10 41	3 17	0 57	1 57	17 29	0 37	10 30	2 18	18 12	0 8	13 26	1 17	29 14	5 49	10 44	10 22	22 4		n.a.
T 20	23 32	27 45	4 11	18 48	4 39	11 0	3 17	1 13	1 57	17 28	0 37	10 30	2 17	18 11	0 8	13 26	1 17	29 14	5 49	10 47	10 23	22 1		n.a.
F 21	23 35	25 16	3 18	18 43	4 40	11 19	3 17	1 29	1 57	17 27	0 37	10 29	2 17	18 11	0 8	13 26	1 17	29 13	5 49	10 50	10 24	21 59		n.a.
S 22	23 38	21 4	2 13	18 41	4 40	11 38	3 16	1 45	1 57	17 26	0 37	10 29	2 17	18 10	0 8	13 26	1 17	29 13	5 49	10 51	10 25	21 57		n.a.
S 23	23 40	15 37	0 59	18 40	4 38	11 57	3 16	2 0	1 57	17 25	0 36	10 28	2 17	18 10	0 8	13 27	1 17	29 13	5 49	10 52	10 27	21 54		n.a.
M24	23 41	9 25	0s17	18 41	4 35	12 15	3 15	2 16	1 57	17 24	0 36	10 28	2 16	18 9	0 8	13 27	1 17	29 13	5 49	10 52	10 28	21 52		n.a.
T 25	23 43	2 53	1 31	18 44	4 30	12 34	3 14	2 31	1 58	17 22	0 36	10 28	2 16	18 9	0 8	13 27	1 17	29 13	5 49	10 52	10 29	21 50		n.a.
W26	23 43	3s38	2 37	18 48	4 24	12 53	3 13	2 47	1 58	17 21	0 36	10 27	2 16	18 8	0 8	13 27	1 17	29 13	5 49	10 52	10 30	21 47		n.a.
T 27	23 44	9 50	3 34	18 54	4 16	13 12	3 12	3 2	1 58	17 20	0 36	10 27	2 16	18 8	0 8	13 28	1 17	29 13	5 49	10 52	10 31	21 45		n.a.
F 28	23 44	15 29	4 18	19 2	4 7	13 31	3 10	3 17	1 58	17 19	0 35	10 27	2 15	18 7	0 8	13 28	1 17	29 13	5 49	10 54	10 32	21 42		n.a.
S 29	23 43	20 20	4 47	19 12	3 56	13 50	3 9	3 33	1 57	17 19	0 35	10 27	2 15	18 7	0 8	13 28	1 17	29 13	5 49	10 56	10 34	21 40		n.a.
S 30	23n42	24s11	5s 2	19n23	3s45	14n 9	3s 7	3n48	1s57	17s18	0n35	10s26	2n15	18s 6	0n 8	13s28	1s17	29n13	5n49	10s59	10s35	21s38		n.a.

Julian Day Number = 1618208.5, Delta T = 03h49m08s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'20, Lahiri = - 7°51'20 Julian Calendar 1 June 283 BCE == Greg. Calendar 28 May 283 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

JULY 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 17 42	3♋25'17	7♐43	17♊27	18♉ 5	14♈40	19°R34	2°R39	21°R 1	28°R 8	9♋14	1°R36	2♓48	4♒59	n.a.	M 1
T 2	18 21 38	4°22'38	20° 3	17°39	19° 6	15°18	19♏30	2♏38	20♏59	28♒ 7	9°16	1♓25	2°45	5° 6	n.a.	T 2
W 3	18 25 35	5°20'00	2♑13	17°58	20° 8	15°56	19°27	2°37	20°58	28° 6	9°18	1°15	2°42	5°12	n.a.	W 3
T 4	18 29 32	6°17'24	14°14	18°23	21°10	16°34	19°24	2°37	20°56	28° 5	9°20	1° 6	2°39	5°19	n.a.	T 4
F 5	18 33 28	7°14'49	26° 9	18°54	22°12	17°11	19°21	2°36	20°55	28° 4	9°21	0°59	2°36	5°26	n.a.	F 5
S 6	18 37 25	8°12'14	7♒58	19°32	23°14	17°49	19°18	2°35	20°54	28° 3	9°23	0°54	2°32	5°32	n.a.	S 6
S 7	18 41 21	9° 9'41	19°46	20°16	24°17	18°26	19°15	2°35	20°52	28° 2	9°25	0°51	2°29	5°39	n.a.	S 7
M 8	18 45 18	10° 7'10	1♓34	21° 6	25°20	19° 4	19°13	2°34	20°51	28° 1	9°27	0°D51	2°26	5°45	n.a.	M 8
T 9	18 49 14	11° 4'39	13°27	22° 3	26°23	19°41	19°10	2°34	20°50	28° 0	9°29	0°51	2°23	5°52	n.a.	T 9
W10	18 53 11	12° 2'11	25°29	23° 6	27°26	20°17	19° 8	2°34	20°48	27°59	9°30	0°52	2°20	5°59	n.a.	W10
T 11	18 57 7	12°59'43	7♈46	24°15	28°30	20°54	19° 6	2°34	20°47	27°58	9°32	0°R53	2°17	6° 5	n.a.	T 11
F 12	19 1 4	13°57'18	20°22	25°29	29°34	21°30	19° 4	2°D34	20°46	27°57	9°34	0°53	2°13	6°12	n.a.	F 12
S 13	19 5 1	14°54'54	3♉22	26°49	0♊38	22° 7	19° 3	2°34	20°45	27°56	9°36	0°52	2°10	6°19	n.a.	S 13
S 14	19 8 57	15°52'31	16°50	28°14	1°43	22°43	19° 1	2°34	20°44	27°55	9°37	0°48	2° 7	6°25	n.a.	S 14
M15	19 12 54	16°50'11	0♊46	29°44	2°48	23°19	19° 0	2°34	20°43	27°54	9°39	0°43	2° 4	6°32	n.a.	M15
T 16	19 16 50	17°47'52	15° 9	1♋18	3°52	23°54	18°59	2°34	20°42	27°53	9°41	0°37	2° 1	6°39	n.a.	T 16
W17	19 20 47	18°45'34	29°57	2°57	4°58	24°30	18°58	2°35	20°41	27°52	9°43	0°31	1°57	6°45	n.a.	W17
T 18	19 24 43	19°43'19	15♋ 1	4°39	6° 3	25° 5	18°58	2°35	20°40	27°50	9°44	0°25	1°54	6°52	n.a.	T 18
F 19	19 28 40	20°41'04	0♌12	6°26	7° 8	25°40	18°57	2°36	20°39	27°49	9°46	0°20	1°51	6°59	n.a.	F 19
S 20	19 32 36	21°38'51	15°20	8°15	8°14	26°15	18°57	2°37	20°38	27°48	9°48	0°18	1°48	7° 5	n.a.	S 20
S 21	19 36 33	22°36'40	0♍16	10° 6	9°20	26°50	18°D57	2°37	20°38	27°47	9°50	0°D17	1°45	7°12	n.a.	S 21
M22	19 40 30	23°34'30	14°54	12° 0	10°26	27°24	18°57	2°38	20°37	27°45	9°51	0°18	1°42	7°19	n.a.	M22
T 23	19 44 26	24°32'21	29° 8	13°56	11°33	27°58	18°57	2°39	20°36	27°44	9°53	0°19	1°38	7°25	n.a.	T 23
W24	19 48 23	25°30'13	12♎59	15°53	12°39	28°32	18°58	2°40	20°36	27°43	9°55	0°20	1°35	7°32	n.a.	W24
T 25	19 52 19	26°28'07	26°26	17°51	13°46	29° 6	18°58	2°42	20°35	27°41	9°57	0°R21	1°32	7°39	n.a.	T 25
F 26	19 56 16	27°26'02	9♏31	19°50	14°53	29°39	18°59	2°43	20°35	27°40	9°58	0°20	1°29	7°45	n.a.	F 26
S 27	20 0 12	28°23'58	22°17	21°49	16° 0	0♉13	19° 0	2°44	20°34	27°39	10° 0	0°18	1°26	7°52	n.a.	S 27
S 28	20 4 9	29°21'56	4♐48	23°48	17° 7	0°46	19° 1	2°46	20°34	27°37	10° 2	0°15	1°23	7°59	n.a.	S 28
M29	20 8 5	0♌19'56	17° 5	25°47	18°14	1°18	19° 3	2°47	20°34	27°36	10° 3	0°10	1°19	8° 5	n.a.	M29
T 30	20 12 2	1°17'57	29°13	27°46	19°22	1°51	19° 4	2°49	20°33	27°34	10° 5	0° 5	1°16	8°12	n.a.	T 30
W31	20 15 59	2♌16'00	11♑12	29♋44	20♊29	2♉23	19♏ 6	2♏51	20♏33	27♒33	10♋ 7	0♓ 0	1♓13	8♒19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n41	26s50	5s 3	19n36	3s33	14n27	3s 6	4n 3	1s57	17s17	0n35	10s26	2n15	18s 6	0n 8	13s29	1s18	29n13	5n49	11s 2	10s36	21s35			n.a.
T 2	23 39	28 9	4 49	19 50	3 20	14 46	3 4	4 18	1 57	17 16	0 34	10 26	2 14	18 6	0 8	13 29	1 18	29 13	5 49	11 6	10 37	21 33			n.a.
W 3	23 37	28 4	4 22	20 5	3 6	15 4	3 2	4 33	1 57	17 15	0 34	10 26	2 14	18 5	0 8	13 29	1 18	29 13	5 49	11 10	10 38	21 30			n.a.
T 4	23 35	26 40	3 43	20 22	2 52	15 22	3 0	4 47	1 57	17 15	0 34	10 26	2 14	18 5	0 8	13 30	1 18	29 12	5 49	11 13	10 39	21 28			n.a.
F 5	23 32	24 3	2 55	20 39	2 37	15 40	2 58	5 2	1 57	17 14	0 34	10 26	2 14	18 4	0 8	13 30	1 18	29 12	5 50	11 15	10 41	21 25			n.a.
S 6	23 28	20 26	2 0	20 57	2 22	15 58	2 56	5 16	1 57	17 14	0 34	10 26	2 13	18 4	0 8	13 30	1 18	29 12	5 50	11 17	10 42	21 23			n.a.
S 7	23 25	16 0	0 59	21 15	2 7	16 16	2 54	5 31	1 57	17 13	0 33	10 26	2 13	18 4	0 8	13 31	1 18	29 12	5 50	11 18	10 43	21 21			n.a.
M 8	23 20	10 59	0n 4	21 34	1 52	16 33	2 52	5 45	1 57	17 13	0 33	10 26	2 13	18 3	0 8	13 31	1 18	29 12	5 50	11 18	10 44	21 18			n.a.
T 9	23 16	5 33	1 8	21 53	1 36	16 50	2 49	6 0	1 57	17 12	0 33	10 26	2 13	18 3	0 8	13 32	1 18	29 12	5 50	11 18	10 45	21 16			n.a.
W10	23 11	0n10	2 9	22 12	1 21	17 7	2 47	6 14	1 56	17 12	0 33	10 26	2 12	18 3	0 8	13 32	1 18	29 12	5 50	11 18	10 46	21 13			n.a.
T 11	23 5	5 58	3 6	22 30	1 6	17 24	2 44	6 28	1 56	17 11	0 32	10 27	2 12	18 2	0 8	13 32	1 18	29 12	5 50	11 17	10 47	21 11			n.a.
F 12	22 59	11 41	3 56	22 48	0 51	17 40	2 42	6 42	1 56	17 11	0 32	10 27	2 12	18 2	0 8	13 33	1 18	29 12	5 50	11 17	10 49	21 8			n.a.
S 13	22 53	17 5	4 35	23 5	0 36	17 57	2 39	6 55	1 56	17 11	0 32	10 27	2 12	18 2	0 8	13 33	1 18	29 12	5 50	11 18	10 50	21 6			n.a.
S 14	22 46	21 51	5 0	23 21	0 22	18 12	2 36	7 9	1 56	17 11	0 32	10 27	2 11	18 2	0 8	13 34	1 18	29 12	5 50	11 19	10 51	21 3			n.a.
M15	22 39	25 36	5 9	23 35	0 9	18 28	2 33	7 23	1 55	17 11	0 32	10 28	2 11	18 1	0 8	13 34	1 18	29 12	5 50	11 21	10 52	21 1			n.a.
T 16	22 32	27 51	5 0	23 48	0n 4	18 43	2 30	7 36	1 55	17 11	0 31	10 28	2 11	18 1	0 8	13 35	1 18	29 12	5 50	11 23	10 53	20 58			n.a.
W17	22 24	28 14	4 30	23 59	0 17	18 58	2 27	7 50	1 55	17 11	0 31	10 28	2 11	18 1	0 8	13 35	1 18	29 12	5 50	11 26	10 54	20 56			n.a.
T 18	22 16	26 32	3 41	24 7	0 29	19 13	2 24	8 3	1 55	17 11	0 31	10 29	2 10	18 1	0 8	13 35	1 18	29 12	5 51	11 28	10 56	20 53			n.a.
F 19	22 7	22 54	2 36	24 14	0 40	19 27	2 21	8 16	1 54	17 11	0 31	10 29	2 10	18 0	0 8	13 36	1 18	29 12	5 51	11 29	10 57	20 51			n.a.
S 20	21 58	17 43	1 21	24 18	0 50	19 41	2 18	8 29	1 54	17 11	0 30	10 30	2 10	18 0	0 8	13 36	1 18	29 12	5 51	11 30	10 58	20 48			n.a.
S 21	21 49	11 31	0 0	24 20	0 59	19 54	2 15	8 42	1 54	17 11	0 30	10 30	2 10	18 0	0 8	13 37	1 18	29 12	5 51	11 30	10 59	20 46			n.a.
M22	21 39	4 49	1s19	24 18	1 8	20 7	2 12	8 55	1 54	17 11	0 30	10 31	2 9	18 0	0 8	13 37	1 18	29 12	5 51	11 30	11 0	20 43			n.a.
T 23	21 29	1s57	2 31	24 15	1 15	20 19	2 8	9 7	1 53	17 11	0 30	10 31	2 9	18 0	0 8	13 38	1 18	29 12	5 51	11 30	11 1	20 41			n.a.
W24	21 18	8 26	3 32	24 8	1 22	20 31	2 5	9 20	1 53	17 12	0 30	10 32	2 9	18 0	0 8	13 38	1 18	29 12	5 51	11 29	11 2	20 38			n.a.
T 25	21 7	14 20	4 20	23 59	1 28	20 43	2 2	9 32	1 53	17 12	0 29	10 33	2 8	17 59	0 8	13 39	1 18	29 11	5 51	11 29	11 4	20 36			n.a.
F 26	20 56	19 27	4 52	23 47	1 33	20 54	1 58	9 44	1 52	17 13	0 29	10 33	2 8	17 59	0 8	13 39	1 19	29 11	5 51	11 29	11 5	20 33			n.a.
S 27	20 44	23 32	5 10	23 33	1 38	21 5	1 55	9 56	1 52	17 13	0 29	10 34	2 8	17 59	0 8	13 40	1 19	29 11	5 52	11 30	11 6	20 31			n.a.
S 28	20 32	26 27	5 12	23 16	1 41	21 15	1 51	10 8	1 51	17 14	0 29	10 35	2 8	17 59	0 8	13 40	1 19	29 11	5 52	11 31	11 7	20 28			n.a.
M29	20 20	28 3	4 59	22 57	1 44	21 25	1 48	10 20	1 51	17 14	0 29	10 36	2 7	17 59	0 8	13 41	1 19	29 11	5 52	11 33	11 8	20 26			n.a.
T 30	20 7	28 17	4 33	22 35	1 46	21 34	1 44	10 32	1 51	17 15	0 28	10 36	2 7	17 59	0 8	13 41	1 19	29 11	5 52	11 35	11 9	20 23			n.a.
W31	19n54	27s10	3s56	22n12	1n47	21n43	1s41	10n44	1s50	17s16	0n28	10s37	2n 7	17s59	0n 8	13s42	1s19	29n11	5n52	11s36	11s10	20s21			n.a.

Julian Day Number = 1618238.5, Delta T = 03h49m07s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'16, Lahiri = - 7°51'16 Julian Calendar 1 July 283 BCE == Greg. Calendar 27 June 283 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

AUGUST 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 19 55	3♌14'04	23♉ 6	1♌41	21♊37	2♉55	19♏ 8	2♏53	20°R33	27°R31	10♋ 8	29°R56	1♓10	8♒25	n.a.	T 1
F 2	20 23 52	4°12'10	4♒56	3°38	22°45	3°27	19°10	2°55	20♏33	27♒30	10°10	29♒53	1° 7	8°32	n.a.	F 2
S 3	20 27 48	5°10'18	16°44	5°34	23°54	3°58	19°12	2°57	20°33	27°29	10°12	29°51	1° 3	8°39	n.a.	S 3
S 4	20 31 45	6° 8'28	28°33	7°29	25° 2	4°29	19°15	2°59	20°D33	27°27	10°13	29°D50	1° 0	8°45	n.a.	S 4
M 5	20 35 41	7° 6'40	10♓24	9°23	26°10	5° 0	19°18	3° 1	20°33	27°25	10°15	29°51	0°57	8°52	n.a.	M 5
T 6	20 39 38	8° 4'54	22°22	11°16	27°19	5°31	19°21	3° 3	20°33	27°24	10°17	29°52	0°54	8°59	n.a.	T 6
W 7	20 43 34	9° 3'09	4♈28	13° 7	28°28	6° 1	19°24	3° 6	20°33	27°22	10°18	29°53	0°51	9° 5	n.a.	W 7
T 8	20 47 31	10° 1'27	16°48	14°58	29°37	6°31	19°27	3° 8	20°33	27°21	10°20	29°55	0°48	9°12	n.a.	T 8
F 9	20 51 28	10°59'47	29°24	16°47	0♋46	7° 1	19°30	3°11	20°33	27°19	10°21	29°56	0°44	9°19	n.a.	F 9
S 10	20 55 24	11°58'10	12♉21	18°36	1°55	7°30	19°34	3°13	20°33	27°18	10°23	29°R56	0°41	9°25	n.a.	S 10
S 11	20 59 21	12°56'34	25°42	20°23	3° 5	7°59	19°38	3°16	20°34	27°16	10°24	29°56	0°38	9°32	n.a.	S 11
M12	21 3 17	13°55'01	9♊29	22° 9	4°14	8°28	19°41	3°19	20°34	27°14	10°26	29°55	0°35	9°39	n.a.	M12
T 13	21 7 14	14°53'30	23°42	23°54	5°24	8°56	19°46	3°22	20°35	27°13	10°28	29°53	0°32	9°45	n.a.	T 13
W14	21 11 10	15°52'02	8♋20	25°38	6°33	9°25	19°50	3°25	20°35	27°11	10°29	29°51	0°29	9°52	n.a.	W14
T 15	21 15 7	16°50'36	23°18	27°20	7°43	9°52	19°54	3°28	20°36	27°10	10°31	29°50	0°25	9°59	n.a.	T 15
F 16	21 19 3	17°49'12	8♌27	29° 2	8°53	10°20	19°59	3°31	20°36	27° 8	10°32	29°49	0°22	10° 5	n.a.	F 16
S 17	21 23 0	18°47'50	23°39	0♍43	10° 4	10°46	20° 4	3°34	20°37	27° 6	10°33	29°D48	0°19	10°12	n.a.	S 17
S 18	21 26 57	19°46'29	8♍44	2°22	11°14	11°13	20° 9	3°38	20°38	27° 5	10°35	29°48	0°16	10°18	n.a.	S 18
M19	21 30 53	20°45'11	23°33	4° 1	12°24	11°39	20°14	3°41	20°38	27° 3	10°36	29°49	0°13	10°25	n.a.	M19
T 20	21 34 50	21°43'55	8♎ 0	5°38	13°35	12° 5	20°19	3°45	20°39	27° 1	10°38	29°49	0° 9	10°32	n.a.	T 20
W21	21 38 46	22°42'40	22° 2	7°15	14°45	12°30	20°25	3°48	20°40	27° 0	10°39	29°50	0° 6	10°38	n.a.	W21
T 22	21 42 43	23°41'27	5♏36	8°50	15°56	12°55	20°30	3°52	20°41	26°58	10°41	29°50	0° 3	10°45	n.a.	T 22
F 23	21 46 39	24°40'17	18°46	10°25	17° 7	13°20	20°36	3°56	20°42	26°56	10°42	29°51	29♒59	10°52	n.a.	F 23
S 24	21 50 36	25°39'08	1♐32	11°58	18°18	13°44	20°42	4° 0	20°43	26°55	10°43	29°R51	29°57	10°58	n.a.	S 24
S 25	21 54 32	26°38'01	13°59	13°31	19°29	14° 8	20°48	4° 4	20°44	26°53	10°45	29°51	29°54	11° 5	n.a.	S 25
M26	21 58 29	27°36'56	26°11	15° 2	20°40	14°31	20°54	4° 8	20°45	26°51	10°46	29°50	29°50	11°12	n.a.	M26
T 27	22 2 25	28°35'52	8♑12	16°33	21°52	14°54	21° 1	4°12	20°46	26°50	10°47	29°50	29°47	11°18	n.a.	T 27
W28	22 6 22	29°34'51	20° 5	18° 3	23° 3	15°16	21° 7	4°16	20°47	26°48	10°48	29°D50	29°44	11°25	n.a.	W28
T 29	22 10 19	0♍33'51	1♒54	19°32	24°14	15°38	21°14	4°20	20°48	26°46	10°50	29°50	29°41	11°32	n.a.	T 29
F 30	22 14 15	1°32'54	13°43	21° 0	25°26	16° 0	21°21	4°24	20°50	26°45	10°51	29°50	29°38	11°38	n.a.	F 30
S 31	22 18 12	2♍31'58	25♒32	22♍26	26♋38	16♉21	21♏28	4♏29	20♏51	26♒43	10♋52	29°R50	29♒35	11♒45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19n40	24s49	3s 8	21n46	1n47	21n51	1s37	10n55	1s50	17s16	0n28	10s38	2n 7	17s59	0n 8	13s43	1s19	29n11	5n52	11s38	11s12	20s18		n.a.	T 1
F 2	19 26	21 25	2 13	21 19	1 47	21 59	1 33	11 6	1 49	17 17	0 28	10 39	2 6	17 59	0 8	13 43	1 19	29 11	5 52	11 39	11 13	20 16		n.a.	F 2
S 3	19 12	17 9	1 12	20 50	1 47	22 6	1 30	11 18	1 49	17 18	0 27	10 40	2 6	17 59	0 8	13 44	1 19	29 11	5 52	11 40	11 14	20 13		n.a.	S 3
S 4	18 58	12 14	0 7	20 19	1 45	22 12	1 26	11 29	1 48	17 19	0 27	10 41	2 6	17 59	0 8	13 44	1 19	29 11	5 53	11 40	11 15	20 10		n.a.	S 4
M 5	18 43	6 52	0n58	19 47	1 44	22 18	1 22	11 39	1 48	17 20	0 27	10 42	2 6	17 59	0 8	13 45	1 19	29 11	5 53	11 40	11 16	20 8		n.a.	M 5
T 6	18 28	1 13	2 1	19 14	1 41	22 24	1 19	11 50	1 47	17 21	0 27	10 43	2 5	17 59	0 8	13 45	1 19	29 11	5 53	11 39	11 17	20 5		n.a.	T 6
W 7	18 13	4n32	3 0	18 39	1 38	22 29	1 15	12 1	1 47	17 22	0 27	10 44	2 5	17 59	0 8	13 46	1 19	29 11	5 53	11 39	11 18	20 3		n.a.	W 7
T 8	17 57	10 14	3 51	18 4	1 35	22 33	1 11	12 11	1 46	17 23	0 26	10 45	2 5	17 59	0 8	13 46	1 19	29 11	5 53	11 38	11 20	20 0		n.a.	T 8
F 9	17 41	15 38	4 33	17 27	1 31	22 36	1 7	12 22	1 46	17 24	0 26	10 46	2 5	17 59	0 8	13 47	1 19	29 11	5 53	11 38	11 21	19 57		n.a.	F 9
S 10	17 25	20 30	5 2	16 49	1 27	22 39	1 4	12 32	1 45	17 25	0 26	10 47	2 4	17 59	0 8	13 48	1 19	29 12	5 53	11 38	11 22	19 55		n.a.	S 10
S 11	17 8	24 31	5 16	16 11	1 23	22 42	1 0	12 42	1 44	17 26	0 26	10 49	2 4	17 59	0 7	13 48	1 19	29 12	5 54	11 38	11 23	19 52		n.a.	S 11
M12	16 51	27 17	5 12	15 32	1 18	22 44	0 56	12 52	1 44	17 28	0 26	10 50	2 4	17 59	0 7	13 49	1 19	29 12	5 54	11 38	11 24	19 50		n.a.	M12
T 13	16 34	28 24	4 50	14 52	1 13	22 45	0 52	13 2	1 43	17 29	0 25	10 51	2 4	18 0	0 7	13 49	1 19	29 12	5 54	11 39	11 25	19 47		n.a.	T 13
W14	16 16	27 35	4 8	14 12	1 8	22 45	0 49	13 11	1 42	17 30	0 25	10 52	2 4	18 0	0 7	13 50	1 19	29 12	5 54	11 40	11 26	19 44		n.a.	W14
T 15	15 59	24 48	3 9	13 31	1 2	22 45	0 45	13 21	1 42	17 32	0 25	10 54	2 3	18 0	0 7	13 50	1 19	29 12	5 54	11 40	11 27	19 42		n.a.	T 15
F 16	15 41	20 14	1 56	12 50	0 57	22 45	0 41	13 30	1 41	17 33	0 25	10 55	2 3	18 0	0 7	13 51	1 19	29 12	5 54	11 41	11 29	19 39		n.a.	F 16
S 17	15 22	14 20	0 34	12 9	0 51	22 43	0 38	13 39	1 40	17 35	0 25	10 56	2 3	18 0	0 7	13 52	1 19	29 12	5 55	11 41	11 30	19 37		n.a.	S 17
S 18	15 4	7 38	0s49	11 27	0 44	22 41	0 34	13 48	1 40	17 36	0 24	10 58	2 3	18 0	0 7	13 52	1 19	29 12	5 55	11 41	11 31	19 34		n.a.	S 18
M19	14 45	0 38	2 8	10 45	0 38	22 39	0 30	13 57	1 39	17 38	0 24	10 59	2 2	18 1	0 7	13 53	1 19	29 12	5 55	11 41	11 32	19 31		n.a.	M19
T 20	14 26	6s13	3 17	10 3	0 31	22 35	0 27	14 6	1 38	17 39	0 24	11 0	2 2	18 1	0 7	13 53	1 19	29 12	5 55	11 40	11 33	19 29		n.a.	T 20
W21	14 7	12 33	4 11	9 20	0 25	22 31	0 23	14 14	1 37	17 41	0 24	11 2	2 2	18 1	0 7	13 54	1 19	29 12	5 55	11 40	11 34	19 26		n.a.	W21
T 22	13 47	18 6	4 50	8 38	0 18	22 27	0 19	14 23	1 37	17 43	0 24	11 3	2 2	18 1	0 7	13 55	1 19	29 12	5 55	11 40	11 35	19 23		n.a.	T 22
F 23	13 27	22 36	5 12	7 55	0 11	22 22	0 16	14 31	1 36	17 45	0 23	11 5	2 1	18 2	0 7	13 55	1 19	29 12	5 56	11 40	11 37	19 21		n.a.	F 23
S 24	13 7	25 54	5 17	7 13	0 4	22 16	0 12	14 39	1 35	17 46	0 23	11 6	2 1	18 2	0 7	13 56	1 19	29 12	5 56	11 40	11 38	19 18		n.a.	S 24
S 25	12 47	27 51	5 8	6 30	0s 4	22 9	0 9	14 47	1 34	17 48	0 23	11 8	2 1	18 2	0 7	13 56	1 19	29 12	5 56	11 40	11 39	19 15		n.a.	S 25
M26	12 27	28 25	4 45	5 48	0 11	22 2	0 5	14 55	1 33	17 50	0 23	11 9	2 1	18 3	0 7	13 57	1 19	29 12	5 56	11 40	11 40	19 13		n.a.	M26
T 27	12 6	27 37	4 9	5 5	0 18	21 54	0 2	15 2	1 32	17 52	0 23	11 11	2 1	18 3	0 7	13 58	1 19	29 12	5 56	11 40	11 41	19 10		n.a.	T 27
W28	11 45	25 34	3 23	4 23	0 26	21 46	0n 2	15 10	1 31	17 54	0 22	11 13	2 0	18 3	0 7	13 58	1 19	29 12	5 57	11 40	11 42	19 7		n.a.	W28
T 29	11 24	22 24	2 29	3 41	0 33	21 37	0 5	15 17	1 30	17 56	0 22	11 14	2 0	18 4	0 7	13 59	1 19	29 13	5 57	11 40	11 43	19 5		n.a.	T 29
F 30	11 3	18 19	1 28	3 0	0 41	21 27	0 8	15 24	1 29	17 58	0 22	11 16	2 0	18 4	0 7	13 59	1 19	29 13	5 57	11 40	11 44	19 2		n.a.	F 30
S 31	10n42	13s32	0s24	2n18	0s48	21n17	0n12	15n31	1s28	18s 0	0n22	11s18	2n 0	18s 4	0n 7	14s 0	1s19	29n13	5n57	11s40	11s46	18s59		n.a.	S 31

Julian Day Number = 1618269.5, Delta T = 03h49m05s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'12, Lahiri = - 7°51'12 Julian Calendar 1 Aug. 283 BCE == Greg. Calendar 28 July 283 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

SEPTEMBER 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 22 8	3♍31'05	7♓26	23♍52	27♋49	16♉41	21♏35	4♏33	20♏52	26°R41	10♋53	29°R50	29♒31	11♒52	n.a.	S 1
M 2	22 26 5	4°30'14	19°26	25°17	29° 1	17° 1	21°42	4°38	20°54	26♒40	10°55	29♒50	29°28	11°58	n.a.	M 2
T 3	22 30 1	5°29'25	1♈33	26°41	0♌13	17°21	21°49	4°42	20°55	26°38	10°56	29°49	29°25	12° 5	n.a.	T 3
W 4	22 33 58	6°28'38	13°51	28° 4	1°25	17°39	21°57	4°47	20°57	26°37	10°57	29°49	29°22	12°12	n.a.	W 4
T 5	22 37 54	7°27'54	26°20	29°26	2°38	17°58	22° 5	4°52	20°58	26°35	10°58	29°48	29°19	12°18	n.a.	T 5
F 6	22 41 51	8°27'12	9♉ 4	0♎46	3°50	18°16	22°13	4°56	21° 0	26°33	10°59	29°47	29°15	12°25	n.a.	F 6
S 7	22 45 48	9°26'32	22° 4	2° 6	5° 2	18°33	22°21	5° 1	21° 2	26°32	11° 0	29°46	29°12	12°32	n.a.	S 7
S 8	22 49 44	10°25'55	5♊23	3°24	6°15	18°50	22°29	5° 6	21° 4	26°30	11° 1	29°D45	29° 9	12°38	n.a.	S 8
M 9	22 53 41	11°25'20	19° 1	4°41	7°27	19° 6	22°37	5°11	21° 5	26°28	11° 2	29°45	29° 6	12°45	n.a.	M 9
T 10	22 57 37	12°24'48	3♋ 1	5°56	8°40	19°21	22°45	5°16	21° 7	26°27	11° 3	29°46	29° 3	12°51	n.a.	T 10
W11	23 1 34	13°24'19	17°22	7°10	9°53	19°36	22°54	5°21	21° 9	26°25	11° 4	29°47	29° 0	12°58	n.a.	W11
T 12	23 5 30	14°23'51	2♌ 0	8°23	11° 6	19°50	23° 2	5°27	21°11	26°24	11° 5	29°48	28°56	13° 5	n.a.	T 12
F 13	23 9 27	15°23'26	16°52	9°33	12°18	20° 4	23°11	5°32	21°13	26°22	11° 6	29°49	28°53	13°11	n.a.	F 13
S 14	23 13 23	16°23'04	1♍51	10°42	13°31	20°17	23°20	5°37	21°15	26°21	11° 7	29°R49	28°50	13°18	n.a.	S 14
S 15	23 17 20	17°22'43	16°49	11°49	14°45	20°29	23°29	5°42	21°17	26°19	11° 8	29°49	28°47	13°25	n.a.	S 15
M16	23 21 17	18°22'25	1♎37	12°54	15°58	20°40	23°38	5°48	21°19	26°18	11° 9	29°47	28°44	13°31	n.a.	M16
T 17	23 25 13	19°22'08	16° 8	13°56	17°11	20°51	23°48	5°53	21°21	26°16	11° 9	29°45	28°40	13°38	n.a.	T 17
W18	23 29 10	20°21'54	0♏17	14°56	18°24	21° 1	23°57	5°59	21°23	26°15	11°10	29°42	28°37	13°45	n.a.	W18
T 19	23 33 6	21°21'41	13°59	15°53	19°37	21°11	24° 7	6° 4	21°26	26°13	11°11	29°39	28°34	13°51	n.a.	T 19
F 20	23 37 3	22°21'30	27°15	16°46	20°51	21°20	24°16	6°10	21°28	26°12	11°12	29°36	28°31	13°58	n.a.	F 20
S 21	23 40 59	23°21'22	10♐ 6	17°36	22° 4	21°28	24°26	6°16	21°30	26°10	11°13	29°34	28°28	14° 5	n.a.	S 21
S 22	23 44 56	24°21'15	22°35	18°23	23°18	21°35	24°36	6°22	21°32	26° 9	11°13	29°D34	28°25	14°11	n.a.	S 22
M23	23 48 52	25°21'10	4♑46	19° 5	24°32	21°41	24°46	6°27	21°35	26° 7	11°14	29°34	28°21	14°18	n.a.	M23
T 24	23 52 49	26°21'06	16°45	19°42	25°45	21°47	24°56	6°33	21°37	26° 6	11°15	29°35	28°18	14°25	n.a.	T 24
W25	23 56 45	27°21'05	28°36	20°14	26°59	21°52	25° 6	6°39	21°40	26° 5	11°15	29°37	28°15	14°31	n.a.	W25
T 26	0 0 42	28°21'05	10♒24	20°40	28°13	21°56	25°16	6°45	21°42	26° 3	11°16	29°39	28°12	14°38	n.a.	T 26
F 27	0 4 39	29°21'06	22°12	21° 0	29°27	21°59	25°27	6°51	21°45	26° 2	11°16	29°40	28° 9	14°45	n.a.	F 27
S 28	0 8 35	0♎21'10	4♓ 6	21°13	0♍41	22° 2	25°37	6°57	21°47	26° 1	11°17	29°R40	28° 6	14°51	n.a.	S 28
S 29	0 12 32	1°21'16	16° 7	21°R18	1°55	22° 3	25°48	7° 3	21°50	25°59	11°17	29°39	28° 2	14°58	n.a.	S 29
M30	0 16 28	2♎21'23	28♓18	21♎16	3♍ 9	22°R 4	25♏58	7♏ 9	21♏53	25♒58	11♋18	29♒36	27♒59	15♒ 4	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	10n20	8s14	0n42	1n37	0s56	21n 6	0n15	15n38	1s27	18s 2	0n22	11s19	1n59	18s 5	0n 7	14s 0	1s19	29n13	5n57	11s40	11s47	18s57			n.a.
M 2	9 59	2 36	1 47	0 56	1 3	20 54	0 18	15 45	1 26	18 4	0 22	11 21	1 59	18 5	0 7	14 1	1 19	29 13	5 58	11 40	11 48	18 54			n.a.
T 3	9 37	3n11	2 47	0 16	1 10	20 42	0 21	15 51	1 25	18 6	0 21	11 23	1 59	18 5	0 7	14 2	1 19	29 13	5 58	11 40	11 49	18 51			n.a.
W 4	9 15	8 55	3 41	0s25	1 18	20 29	0 24	15 58	1 24	18 8	0 21	11 24	1 59	18 6	0 7	14 2	1 19	29 13	5 58	11 41	11 50	18 48			n.a.
T 5	8 52	14 23	4 25	1 4	1 25	20 15	0 27	16 4	1 23	18 10	0 21	11 26	1 59	18 6	0 7	14 3	1 19	29 13	5 58	11 41	11 51	18 46			n.a.
F 6	8 30	19 22	4 57	1 43	1 33	20 1	0 30	16 10	1 22	18 13	0 21	11 28	1 58	18 7	0 7	14 3	1 19	29 13	5 58	11 41	11 52	18 43			n.a.
S 7	8 7	23 33	5 14	2 22	1 40	19 47	0 33	16 16	1 20	18 15	0 21	11 30	1 58	18 7	0 7	14 4	1 19	29 14	5 59	11 42	11 53	18 40			n.a.
S 8	7 45	26 38	5 16	3 0	1 47	19 32	0 36	16 22	1 19	18 17	0 21	11 32	1 58	18 8	0 7	14 4	1 19	29 14	5 59	11 42	11 55	18 38			n.a.
M 9	7 22	28 15	4 59	3 37	1 54	19 16	0 39	16 27	1 18	18 19	0 20	11 34	1 58	18 8	0 7	14 5	1 19	29 14	5 59	11 42	11 56	18 35			n.a.
T 10	6 59	28 7	4 25	4 14	2 1	18 59	0 42	16 33	1 17	18 22	0 20	11 35	1 58	18 9	0 7	14 5	1 19	29 14	5 59	11 42	11 57	18 32			n.a.
W11	6 36	26 8	3 34	4 49	2 7	18 42	0 45	16 38	1 15	18 24	0 20	11 37	1 58	18 9	0 7	14 6	1 19	29 14	5 59	11 41	11 58	18 29			n.a.
T 12	6 13	22 21	2 28	5 24	2 14	18 25	0 47	16 43	1 14	18 26	0 20	11 39	1 57	18 10	0 7	14 7	1 19	29 14	6 0	11 41	11 59	18 27			n.a.
F 13	5 50	17 6	1 11	5 58	2 20	18 7	0 50	16 48	1 13	18 29	0 20	11 41	1 57	18 10	0 7	14 7	1 19	29 14	6 0	11 40	12 0	18 24			n.a.
S 14	5 26	10 46	0s11	6 31	2 26	17 48	0 53	16 53	1 11	18 31	0 20	11 43	1 57	18 11	0 7	14 8	1 19	29 14	6 0	11 40	12 1	18 21			n.a.
S 15	5 3	3 51	1 33	7 3	2 32	17 29	0 55	16 58	1 10	18 34	0 19	11 45	1 57	18 11	0 7	14 8	1 19	29 15	6 0	11 41	12 2	18 18			n.a.
M16	4 39	3s12	2 47	7 34	2 38	17 10	0 58	17 2	1 9	18 36	0 19	11 47	1 57	18 12	0 7	14 9	1 19	29 15	6 1	11 41	12 4	18 16			n.a.
T 17	4 15	9 56	3 49	8 3	2 43	16 50	1 0	17 7	1 7	18 39	0 19	11 49	1 56	18 13	0 7	14 9	1 19	29 15	6 1	11 42	12 5	18 13			n.a.
W18	3 52	15 59	4 35	8 31	2 48	16 29	1 2	17 11	1 5	18 41	0 19	11 51	1 56	18 13	0 7	14 10	1 19	29 15	6 1	11 43	12 6	18 10			n.a.
T 19	3 28	21 3	5 4	8 58	2 52	16 8	1 5	17 15	1 4	18 44	0 19	11 53	1 56	18 14	0 7	14 10	1 19	29 15	6 1	11 44	12 7	18 7			n.a.
F 20	3 4	24 53	5 15	9 22	2 56	15 46	1 7	17 19	1 2	18 46	0 19	11 55	1 56	18 14	0 7	14 11	1 19	29 15	6 2	11 45	12 8	18 5			n.a.
S 21	2 40	27 20	5 10	9 45	2 59	15 24	1 9	17 22	1 1	18 49	0 18	11 57	1 56	18 15	0 7	14 11	1 19	29 15	6 2	11 46	12 9	18 2			n.a.
S 22	2 16	28 21	4 50	10 6	3 2	15 2	1 11	17 26	0 59	18 51	0 18	11 59	1 56	18 16	0 7	14 12	1 19	29 16	6 2	11 46	12 10	17 59			n.a.
M23	1 52	27 56	4 18	10 24	3 5	14 39	1 13	17 29	0 57	18 54	0 18	12 1	1 55	18 16	0 7	14 12	1 19	29 16	6 2	11 46	12 11	17 56			n.a.
T 24	1 28	26 13	3 35	10 40	3 6	14 16	1 15	17 32	0 56	18 57	0 18	12 3	1 55	18 17	0 7	14 13	1 19	29 16	6 2	11 45	12 12	17 53			n.a.
W25	1 4	23 21	2 43	10 52	3 7	13 52	1 17	17 35	0 54	18 59	0 18	12 5	1 55	18 18	0 7	14 13	1 19	29 16	6 3	11 45	12 14	17 51			n.a.
T 26	0 40	19 31	1 44	11 2	3 6	13 28	1 18	17 38	0 52	19 2	0 18	12 8	1 55	18 18	0 7	14 13	1 19	29 16	6 3	11 44	12 15	17 48			n.a.
F 27	0 16	14 55	0 41	11 9	3 5	13 3	1 20	17 41	0 50	19 4	0 17	12 10	1 55	18 19	0 7	14 14	1 19	29 17	6 3	11 44	12 16	17 45			n.a.
S 28	0s 9	9 45	0n24	11 11	3 3	12 38	1 22	17 43	0 48	19 7	0 17	12 12	1 55	18 20	0 7	14 14	1 19	29 17	6 3	11 44	12 17	17 42			n.a.
S 29	0 33	4 11	1 29	11 10	2 59	12 13	1 23	17 45	0 46	19 10	0 17	12 14	1 55	18 20	0 7	14 15	1 19	29 17	6 4	11 44	12 18	17 40			n.a.
M30	0s57	1n37	2n30	11s 4	2s54	11n47	1n25	17n48	0s44	19s13	0n17	12s16	1n54	18s21	0n 7	14s15	1s19	29n17	6n 4	11s45	12s19	17s37			n.a.

Julian Day Number = 1618300.5, Delta T = 03h49m04s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'08, Lahiri = - 7°51'07 Julian Calendar 1 Sept. 283 BCE == Greg. Calendar 28 Aug. 283 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

OCTOBER 283 BCE (-282) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 20 25	3♎21'32	10♈41	21°R 4	4♍23	22°R 4	26♏ 9	7♏16	21♏55	25°R57	11♋18	29°R32	27♒56	15♒11	n.a.	T 1
W 2	0 24 21	4°21'43	23°16	20♎43	5°37	22♉ 3	26°20	7°22	21°58	25♒56	11°19	29♒26	27°53	15°18	n.a.	W 2
T 3	0 28 18	5°21'57	6♉ 4	20°13	6°51	22° 2	26°31	7°28	22° 1	25°54	11°19	29°19	27°50	15°24	n.a.	T 3
F 4	0 32 14	6°22'12	19° 5	19°33	8° 5	21°59	26°42	7°34	22° 4	25°53	11°20	29°13	27°46	15°31	n.a.	F 4
S 5	0 36 11	7°22'30	2♊18	18°44	9°20	21°56	26°53	7°41	22° 6	25°52	11°20	29° 8	27°43	15°38	n.a.	S 5
S 6	0 40 8	8°22'49	15°45	17°46	10°34	21°51	27° 4	7°47	22° 9	25°51	11°20	29° 4	27°40	15°44	n.a.	S 6
M 7	0 44 4	9°23'11	29°24	16°40	11°48	21°46	27°16	7°53	22°12	25°50	11°21	29° 2	27°37	15°51	n.a.	M 7
T 8	0 48 1	10°23'35	13♋17	15°27	13° 3	21°40	27°27	8° 0	22°15	25°49	11°21	29°D 1	27°34	15°58	n.a.	T 8
W 9	0 51 57	11°24'01	27°22	14°10	14°17	21°33	27°39	8° 6	22°18	25°48	11°21	29° 2	27°31	16° 4	n.a.	W 9
T 10	0 55 54	12°24'29	11♌40	12°51	15°32	21°25	27°50	8°13	22°21	25°47	11°21	29° 3	27°27	16°11	n.a.	T 10
F 11	0 59 50	13°24'59	26° 7	11°31	16°47	21°16	28° 2	8°20	22°24	25°46	11°22	29°R 4	27°24	16°18	n.a.	F 11
S 12	1 3 47	14°25'31	10♍41	10°15	18° 1	21° 7	28°14	8°26	22°27	25°45	11°22	29° 4	27°21	16°24	n.a.	S 12
S 13	1 7 43	15°26'04	25°17	9° 3	19°16	20°56	28°26	8°33	22°30	25°44	11°22	29° 1	27°18	16°31	n.a.	S 13
M14	1 11 40	16°26'40	9♎48	7°59	20°31	20°45	28°38	8°39	22°33	25°43	11°22	28°56	27°15	16°38	n.a.	M14
T 15	1 15 37	17°27'17	24° 8	7° 4	21°45	20°33	28°50	8°46	22°36	25°42	11°22	28°49	27°12	16°44	n.a.	T 15
W16	1 19 33	18°27'56	8♏11	6°20	23° 0	20°20	29° 2	8°53	22°39	25°41	11°22	28°41	27° 8	16°51	n.a.	W16
T 17	1 23 30	19°28'36	21°53	5°47	24°15	20° 6	29°14	8°59	22°43	25°40	11°R22	28°32	27° 5	16°58	n.a.	T 17
F 18	1 27 26	20°29'18	5♐11	5°26	25°30	19°51	29°26	9° 6	22°46	25°39	11°22	28°23	27° 2	17° 4	n.a.	F 18
S 19	1 31 23	21°30'01	18° 5	5°D17	26°45	19°36	29°38	9°13	22°49	25°39	11°22	28°16	26°59	17°11	n.a.	S 19
S 20	1 35 19	22°30'45	0♑36	5°19	28° 0	19°19	29°51	9°20	22°52	25°38	11°22	28°12	26°56	17°17	n.a.	S 20
M21	1 39 16	23°31'31	12°50	5°31	29°15	19° 2	0♐ 3	9°27	22°56	25°37	11°22	28° 9	26°52	17°24	n.a.	M21
T 22	1 43 12	24°32'18	24°49	5°53	0♎30	18°45	0°16	9°34	22°59	25°36	11°22	28°D 8	26°49	17°31	n.a.	T 22
W23	1 47 9	25°33'06	6♒40	6°24	1°45	18°27	0°28	9°40	23° 2	25°36	11°22	28° 9	26°46	17°37	n.a.	W23
T 24	1 51 6	26°33'55	18°27	7° 4	3° 0	18° 8	0°41	9°47	23° 6	25°35	11°22	28°10	26°43	17°44	n.a.	T 24
F 25	1 55 2	27°34'45	0♓17	7°50	4°15	17°48	0°53	9°54	23° 9	25°35	11°21	28°R10	26°40	17°51	n.a.	F 25
S 26	1 58 59	28°35'36	12°13	8°43	5°30	17°28	1° 6	10° 1	23°12	25°34	11°21	28° 9	26°37	17°57	n.a.	S 26
S 27	2 2 55	29°36'28	24°21	9°41	6°45	17° 8	1°19	10° 8	23°16	25°33	11°21	28° 5	26°33	18° 4	n.a.	S 27
M28	2 6 52	0♏37'22	6♈43	10°44	8° 0	16°46	1°32	10°15	23°19	25°33	11°21	27°59	26°30	18°11	n.a.	M28
T 29	2 10 48	1°38'16	19°21	11°51	9°15	16°25	1°45	10°22	23°23	25°32	11°20	27°51	26°27	18°17	n.a.	T 29
W30	2 14 45	2°39'12	2♉16	13° 2	10°30	16° 3	1°58	10°29	23°26	25°32	11°20	27°40	26°24	18°24	n.a.	W30
T 31	2 18 41	3♏40'09	15♉28	14♎16	11♎46	15♉41	2♐11	10♏36	23♏30	25♒32	11♋20	27♒28	26♒21	18♒31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	1s21	7n25	3n25	10s54	2s48	11n21	1n26	17n50	0s42	19s15	0n17	12s18	1n54	18s22	0n 7	14s16	1s19	29n17	6n 4	11s47	12s20	17s34			n.a.
W 2	1 45	13 2	4 11	10 39	2 39	10 55	1 27	17 51	0 40	19 18	0 17	12 20	1 54	18 22	0 7	14 16	1 19	29 17	6 4	11 49	12 21	17 31			n.a.
T 3	2 9	18 11	4 46	10 18	2 29	10 28	1 29	17 53	0 38	19 21	0 17	12 23	1 54	18 23	0 7	14 16	1 19	29 18	6 5	11 51	12 22	17 28			n.a.
F 4	2 34	22 36	5 6	9 52	2 18	10 1	1 30	17 54	0 36	19 23	0 16	12 25	1 54	18 24	0 7	14 17	1 19	29 18	6 5	11 53	12 24	17 25			n.a.
S 5	2 58	25 56	5 10	9 20	2 4	9 34	1 31	17 55	0 34	19 26	0 16	12 27	1 54	18 25	0 7	14 17	1 19	29 18	6 5	11 55	12 25	17 23			n.a.
S 6	3 22	27 53	4 58	8 44	1 49	9 6	1 32	17 56	0 32	19 29	0 16	12 29	1 54	18 25	0 7	14 18	1 19	29 18	6 5	11 56	12 26	17 20			n.a.
M 7	3 46	28 12	4 28	8 2	1 32	8 39	1 33	17 57	0 30	19 32	0 16	12 31	1 53	18 26	0 7	14 18	1 19	29 19	6 6	11 57	12 27	17 17			n.a.
T 8	4 10	26 45	3 43	7 17	1 14	8 11	1 33	17 58	0 27	19 34	0 16	12 34	1 53	18 27	0 7	14 18	1 19	29 19	6 6	11 57	12 28	17 14			n.a.
W 9	4 34	23 37	2 43	6 29	0 54	7 42	1 34	17 58	0 25	19 37	0 16	12 36	1 53	18 28	0 7	14 19	1 19	29 19	6 6	11 57	12 29	17 11			n.a.
T 10	4 58	18 59	1 33	5 39	0 34	7 14	1 35	17 58	0 23	19 40	0 16	12 38	1 53	18 28	0 7	14 19	1 19	29 19	6 6	11 57	12 30	17 8			n.a.
F 11	5 21	13 13	0 16	4 48	0 13	6 45	1 36	17 58	0 20	19 43	0 15	12 40	1 53	18 29	0 7	14 19	1 19	29 19	6 6	11 56	12 31	17 6			n.a.
S 12	5 45	6 41	1s 2	3 59	0n 8	6 16	1 36	17 58	0 18	19 46	0 15	12 43	1 53	18 30	0 7	14 20	1 19	29 20	6 7	11 56	12 32	17 3			n.a.
S 13	6 9	0s11	2 17	3 12	0 28	5 47	1 37	17 58	0 15	19 48	0 15	12 45	1 53	18 31	0 7	14 20	1 19	29 20	6 7	11 57	12 34	17 0			n.a.
M14	6 33	7 1	3 22	2 30	0 47	5 17	1 37	17 57	0 13	19 51	0 15	12 47	1 53	18 32	0 7	14 20	1 19	29 20	6 7	11 59	12 35	16 57			n.a.
T 15	6 56	13 23	4 13	1 51	1 4	4 48	1 37	17 56	0 10	19 54	0 15	12 49	1 53	18 33	0 7	14 20	1 19	29 20	6 7	12 2	12 36	16 54			n.a.
W16	7 19	18 56	4 48	1 19	1 20	4 18	1 37	17 55	0 8	19 57	0 15	12 52	1 52	18 33	0 7	14 21	1 19	29 21	6 8	12 5	12 37	16 51			n.a.
T 17	7 43	23 21	5 5	0 53	1 35	3 48	1 38	17 54	0 5	20 0	0 15	12 54	1 52	18 34	0 7	14 21	1 19	29 21	6 8	12 8	12 38	16 48			n.a.
F 18	8 6	26 25	5 5	0 33	1 47	3 18	1 38	17 52	0 3	20 2	0 15	12 56	1 52	18 35	0 6	14 21	1 19	29 21	6 8	12 11	12 39	16 46			n.a.
S 19	8 29	27 59	4 49	0 20	1 57	2 48	1 38	17 51	0 0	20 5	0 14	12 58	1 52	18 36	0 6	14 21	1 19	29 21	6 8	12 13	12 40	16 43			n.a.
S 20	8 52	28 3	4 20	0 13	2 6	2 18	1 38	17 49	0n 3	20 8	0 14	13 1	1 52	18 37	0 6	14 22	1 18	29 22	6 9	12 15	12 41	16 40			n.a.
M21	9 15	26 44	3 39	0 11	2 13	1 47	1 37	17 47	0 5	20 11	0 14	13 3	1 52	18 38	0 6	14 22	1 18	29 22	6 9	12 16	12 42	16 37			n.a.
T 22	9 37	24 12	2 49	0 16	2 18	1 17	1 37	17 44	0 8	20 14	0 14	13 5	1 52	18 38	0 6	14 22	1 18	29 22	6 9	12 16	12 43	16 34			n.a.
W23	10 0	20 39	1 53	0 25	2 22	0 47	1 37	17 42	0 11	20 16	0 14	13 7	1 52	18 39	0 6	14 22	1 18	29 22	6 9	12 16	12 45	16 31			n.a.
T 24	10 22	16 18	0 52	0 38	2 24	0 16	1 37	17 39	0 13	20 19	0 14	13 10	1 52	18 40	0 6	14 22	1 18	29 23	6 10	12 15	12 46	16 28			n.a.
F 25	10 44	11 20	0n11	0 56	2 25	0s14	1 36	17 36	0 16	20 22	0 14	13 12	1 52	18 41	0 6	14 23	1 18	29 23	6 10	12 15	12 47	16 25			n.a.
S 26	11 6	5 55	1 15	1 17	2 25	0 45	1 36	17 33	0 19	20 25	0 13	13 14	1 52	18 42	0 6	14 23	1 18	29 23	6 10	12 16	12 48	16 22			n.a.
S 27	11 28	0 12	2 15	1 41	2 24	1 16	1 35	17 30	0 22	20 27	0 13	13 16	1 51	18 43	0 6	14 23	1 18	29 23	6 10	12 17	12 49	16 20			n.a.
M28	11 50	5n36	3 11	2 8	2 22	1 46	1 34	17 26	0 24	20 30	0 13	13 19	1 51	18 44	0 6	14 23	1 18	29 24	6 11	12 19	12 50	16 17			n.a.
T 29	12 11	11 19	3 58	2 37	2 19	2 17	1 34	17 23	0 27	20 33	0 13	13 21	1 51	18 45	0 6	14 23	1 18	29 24	6 11	12 22	12 51	16 14			n.a.
W30	12 32	16 41	4 34	3 8	2 16	2 47	1 33	17 19	0 30	20 36	0 13	13 23	1 51	18 45	0 6	14 23	1 18	29 24	6 11	12 26	12 52	16 11			n.a.
T 31	12s54	21n22	4n56	3s40	2n12	3s18	1n32	17n15	0n33	20s38	0n13	13s25	1n51	18s46	0n 6	14s23	1s18	29n24	6n11	12s30	12s53	16s 8			n.a.

Julian Day Number = 1618330.5, Delta T = 03h49m03s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'04, Lahiri = - 7°51'03 Julian Calendar 1 Oct. 283 BCE == Greg. Calendar 27 Sept. 283 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

NOVEMBER 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 22 38	4♏41'07	28♉53	15♎33	13♎ 1	15°R18	2♐24	10♏43	23♏33	25°R31	11°R19	27°R17	26♒17	18♒37	n.a.	F 1
S 2	2 26 35	5°42'06	12♊30	16°52	14°16	14♉55	2°37	10°50	23°37	25♒31	11♋19	27♒ 6	26°14	18°44	n.a.	S 2
S 3	2 30 31	6°43'07	26°17	18°13	15°31	14°32	2°50	10°57	23°40	25°31	11°18	26°58	26°11	18°51	n.a.	S 3
M 4	2 34 28	7°44'09	10♋10	19°36	16°47	14° 9	3° 3	11° 4	23°44	25°30	11°18	26°52	26° 8	18°57	n.a.	M 4
T 5	2 38 24	8°45'12	24° 8	21° 0	18° 2	13°45	3°17	11°11	23°47	25°30	11°17	26°49	26° 5	19° 4	n.a.	T 5
W 6	2 42 21	9°46'17	8♌10	22°25	19°17	13°22	3°30	11°18	23°51	25°30	11°17	26°D48	26° 2	19°10	n.a.	W 6
T 7	2 46 17	10°47'22	22°16	23°51	20°32	12°58	3°43	11°25	23°54	25°30	11°16	26°R48	25°58	19°17	n.a.	T 7
F 8	2 50 14	11°48'29	6♍23	25°19	21°48	12°35	3°57	11°32	23°58	25°30	11°16	26°48	25°55	19°24	n.a.	F 8
S 9	2 54 10	12°49'37	20°32	26°47	23° 3	12°11	4°10	11°39	24° 2	25°30	11°15	26°46	25°52	19°30	n.a.	S 9
S 10	2 58 7	13°50'46	4♎40	28°15	24°19	11°48	4°24	11°46	24° 5	25°30	11°15	26°42	25°49	19°37	n.a.	S 10
M11	3 2 4	14°51'56	18°45	29°44	25°34	11°25	4°37	11°53	24° 9	25°D30	11°14	26°34	25°46	19°44	n.a.	M11
T 12	3 6 0	15°53'07	2♏41	1♏14	26°49	11° 2	4°51	12° 0	24°12	25°30	11°13	26°24	25°43	19°50	n.a.	T 12
W13	3 9 57	16°54'18	16°25	2°44	28° 5	10°39	5° 4	12° 7	24°16	25°30	11°13	26°11	25°39	19°57	n.a.	W13
T 14	3 13 53	17°55'31	29°54	4°15	29°20	10°17	5°18	12°14	24°20	25°30	11°12	25°58	25°36	20° 4	n.a.	T 14
F 15	3 17 50	18°56'44	13♐ 3	5°46	0♏36	9°55	5°31	12°21	24°23	25°30	11°11	25°45	25°33	20°10	n.a.	F 15
S 16	3 21 46	19°57'57	25°53	7°17	1°51	9°33	5°45	12°28	24°27	25°30	11°10	25°33	25°30	20°17	n.a.	S 16
S 17	3 25 43	20°59'11	8♑23	8°48	3° 6	9°12	5°59	12°35	24°31	25°30	11°10	25°25	25°27	20°24	n.a.	S 17
M18	3 29 39	22° 0'25	20°36	10°20	4°22	8°52	6°13	12°42	24°34	25°30	11° 9	25°19	25°23	20°30	n.a.	M18
T 19	3 33 36	23° 1'39	2♒35	11°52	5°37	8°31	6°26	12°49	24°38	25°31	11° 8	25°15	25°20	20°37	n.a.	T 19
W20	3 37 33	24° 2'54	14°26	13°24	6°53	8°12	6°40	12°56	24°42	25°31	11° 7	25°14	25°17	20°43	n.a.	W20
T 21	3 41 29	25° 4'09	26°13	14°56	8° 8	7°53	6°54	13° 3	24°45	25°31	11° 6	25°14	25°14	20°50	n.a.	T 21
F 22	3 45 26	26° 5'23	8♓ 3	16°29	9°23	7°35	7° 8	13°10	24°49	25°32	11° 5	25°14	25°11	20°57	n.a.	F 22
S 23	3 49 22	27° 6'38	20° 0	18° 1	10°39	7°17	7°22	13°16	24°53	25°32	11° 4	25°12	25° 8	21° 3	n.a.	S 23
S 24	3 53 19	28° 7'52	2♈10	19°34	11°54	7° 0	7°35	13°23	24°56	25°33	11° 3	25° 9	25° 4	21°10	n.a.	S 24
M25	3 57 15	29° 9'07	14°38	21° 7	13°10	6°44	7°49	13°30	25° 0	25°33	11° 2	25° 2	25° 1	21°17	n.a.	M25
T 26	4 1 12	0♐10'22	27°26	22°41	14°25	6°29	8° 3	13°37	25° 3	25°34	11° 1	24°53	24°58	21°23	n.a.	T 26
W27	4 5 8	1°11'36	10♑36	24°15	15°41	6°14	8°17	13°44	25° 7	25°34	11° 0	24°41	24°55	21°30	n.a.	W27
T 28	4 9 5	2°12'51	24° 7	25°49	16°56	6° 0	8°31	13°51	25°11	25°35	10°59	24°28	24°52	21°37	n.a.	T 28
F 29	4 13 2	3°14'06	7♊57	27°23	18°11	5°47	8°45	13°57	25°14	25°35	10°58	24°15	24°49	21°43	n.a.	F 29
S 30	4 16 58	4♐15'21	22♊ 2	28♏57	19♏27	5♉34	8♐59	14♏ 4	25♏18	25♒36	10♋57	24♒ 4	24♒45	21♒50	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s14	25n 4	5n 2	4s14	2n 8	3s48	1n31	17n11	0n35	20s41	0n13	13s28	1n51	18s47	0n 6	14s24	1s18	29n25	6n12	12s34	12s54	16s 5		n.a.
S 2	13 35	27 23	4 52	4 49	2 3	4 19	1 30	17 7	0 38	20 44	0 13	13 30	1 51	18 48	0 6	14 24	1 18	29 25	6 12	12 38	12 55	16 2		n.a.
S 3	13 55	28 5	4 24	5 25	1 57	4 49	1 29	17 3	0 41	20 47	0 13	13 32	1 51	18 49	0 6	14 24	1 18	29 25	6 12	12 41	12 57	15 59		n.a.
M 4	14 16	27 0	3 41	6 2	1 52	5 19	1 28	16 58	0 43	20 49	0 12	13 34	1 51	18 50	0 6	14 24	1 18	29 25	6 12	12 42	12 58	15 56		n.a.
T 5	14 35	24 14	2 44	6 40	1 46	5 49	1 27	16 54	0 46	20 52	0 12	13 37	1 51	18 51	0 6	14 24	1 18	29 26	6 12	12 43	12 59	15 53		n.a.
W 6	14 55	20 0	1 37	7 17	1 40	6 19	1 25	16 49	0 49	20 55	0 12	13 39	1 51	18 52	0 6	14 24	1 18	29 26	6 13	12 44	13 0	15 50		n.a.
T 7	15 15	14 38	0 24	7 56	1 33	6 49	1 24	16 44	0 51	20 57	0 12	13 41	1 51	18 53	0 6	14 24	1 18	29 26	6 13	12 44	13 1	15 47		n.a.
F 8	15 34	8 30	0s51	8 34	1 27	7 19	1 23	16 39	0 54	21 0	0 12	13 43	1 51	18 54	0 6	14 24	1 18	29 27	6 13	12 44	13 2	15 44		n.a.
S 9	15 53	1 56	2 2	9 12	1 20	7 49	1 21	16 34	0 56	21 3	0 12	13 46	1 51	18 54	0 6	14 24	1 18	29 27	6 13	12 44	13 3	15 41		n.a.
S 10	16 11	4s43	3 6	9 51	1 13	8 18	1 20	16 30	0 59	21 5	0 12	13 48	1 51	18 55	0 6	14 24	1 18	29 27	6 14	12 46	13 4	15 39		n.a.
M11	16 30	11 5	3 58	10 29	1 6	8 47	1 18	16 25	1 1	21 8	0 12	13 50	1 51	18 56	0 6	14 24	1 18	29 27	6 14	12 49	13 5	15 36		n.a.
T 12	16 48	16 51	4 35	11 7	0 59	9 16	1 17	16 20	1 4	21 11	0 11	13 52	1 51	18 57	0 6	14 24	1 18	29 28	6 14	12 52	13 6	15 33		n.a.
W13	17 5	21 40	4 56	11 45	0 52	9 45	1 15	16 15	1 6	21 13	0 11	13 54	1 51	18 58	0 6	14 24	1 18	29 28	6 14	12 57	13 7	15 30		n.a.
T 14	17 23	25 15	5 0	12 23	0 45	10 14	1 14	16 10	1 9	21 16	0 11	13 56	1 51	18 59	0 6	14 24	1 18	29 28	6 14	13 1	13 8	15 27		n.a.
F 15	17 40	27 23	4 47	13 0	0 38	10 42	1 12	16 5	1 11	21 18	0 11	13 59	1 51	19 0	0 6	14 24	1 18	29 28	6 15	13 6	13 10	15 24		n.a.
S 16	17 57	28 0	4 20	13 37	0 31	11 10	1 10	16 0	1 13	21 21	0 11	14 1	1 51	19 1	0 6	14 24	1 18	29 29	6 15	13 9	13 11	15 21		n.a.
S 17	18 13	27 8	3 41	14 14	0 24	11 38	1 8	15 55	1 15	21 23	0 11	14 3	1 50	19 2	0 6	14 23	1 18	29 29	6 15	13 12	13 12	15 18		n.a.
M18	18 29	24 58	2 52	14 50	0 17	12 5	1 6	15 51	1 17	21 26	0 11	14 5	1 50	19 3	0 6	14 23	1 18	29 29	6 15	13 14	13 13	15 15		n.a.
T 19	18 45	21 43	1 57	15 25	0 10	12 33	1 4	15 46	1 19	21 28	0 11	14 7	1 50	19 4	0 6	14 23	1 17	29 30	6 16	13 16	13 14	15 12		n.a.
W20	19 1	17 36	0 57	16 0	0 3	13 0	1 2	15 42	1 21	21 31	0 11	14 9	1 50	19 4	0 6	14 23	1 17	29 30	6 16	13 16	13 15	15 9		n.a.
T 21	19 16	12 51	0n 5	16 34	0s 4	13 26	1 1	15 37	1 23	21 33	0 10	14 11	1 50	19 5	0 6	14 23	1 17	29 30	6 16	13 16	13 16	15 6		n.a.
F 22	19 31	7 37	1 7	17 8	0 10	13 52	0 58	15 33	1 25	21 36	0 10	14 14	1 50	19 6	0 6	14 23	1 17	29 30	6 16	13 16	13 17	15 3		n.a.
S 23	19 45	2 4	2 7	17 41	0 17	14 18	0 56	15 29	1 27	21 38	0 10	14 16	1 50	19 7	0 6	14 23	1 17	29 31	6 16	13 17	13 18	15 0		n.a.
S 24	19 59	3n39	3 2	18 13	0 24	14 44	0 54	15 25	1 29	21 41	0 10	14 18	1 50	19 8	0 6	14 22	1 17	29 31	6 17	13 18	13 19	14 57		n.a.
M25	20 13	9 21	3 50	18 44	0 30	15 9	0 52	15 21	1 31	21 43	0 10	14 20	1 50	19 9	0 6	14 22	1 17	29 31	6 17	13 20	13 20	14 54		n.a.
T 26	20 26	14 50	4 27	19 15	0 36	15 34	0 50	15 18	1 32	21 45	0 10	14 22	1 50	19 10	0 6	14 22	1 17	29 32	6 17	13 23	13 21	14 51		n.a.
W27	20 39	19 47	4 51	19 45	0 43	15 58	0 48	15 14	1 34	21 48	0 10	14 24	1 50	19 11	0 6	14 22	1 17	29 32	6 17	13 27	13 23	14 48		n.a.
T 28	20 51	23 52	5 0	20 14	0 49	16 22	0 46	15 11	1 35	21 50	0 10	14 26	1 50	19 12	0 6	14 22	1 17	29 32	6 17	13 31	13 24	14 45		n.a.
F 29	21 4	26 42	4 52	20 42	0 55	16 46	0 43	15 8	1 37	21 52	0 10	14 28	1 50	19 13	0 6	14 21	1 17	29 32	6 17	13 36	13 25	14 42		n.a.
S 30	21s15	27n55	4n26	21s 9	1s 0	17s 9	0n41	15n 5	1n38	21s55	0n 9	14s30	1n50	19s13	0n 6	14s21	1s17	29n33	6n18	13s40	13s26	14s39		n.a.

Julian Day Number = 1618361.5, Delta T = 03h49m02s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°58'00, Lahiri = - 7°50'59 Julian Calendar 1 Nov. 283 BCE == Greg. Calendar 28 Oct. 283 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 283 BCE
geocentric

DECEMBER 283 BCE (-282) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 20 55	5♐16'36	6♋16	0♐32	20♏42	5°R23	9♐13	14♏11	25♏22	25♒37	10°R56	23°R54	24♒42	21♒57	n.a.	S 1
M 2	4 24 51	6°17'51	20°34	2° 7	21°58	5♉12	9°27	14°17	25°25	25°37	10♋55	23♒48	24°39	22° 3	n.a.	M 2
T 3	4 28 48	7°19'06	4♌52	3°43	23°13	5° 2	9°41	14°24	25°29	25°38	10°54	23°44	24°36	22°10	n.a.	T 3
W 4	4 32 44	8°20'21	19° 6	5°18	24°29	4°53	9°55	14°31	25°32	25°39	10°53	23°D43	24°33	22°17	n.a.	W 4
T 5	4 36 41	9°21'37	3♍15	6°54	25°44	4°44	10° 9	14°37	25°36	25°40	10°52	23°R43	24°29	22°23	n.a.	T 5
F 6	4 40 38	10°22'52	17°16	8°31	26°59	4°37	10°23	14°44	25°40	25°40	10°51	23°43	24°26	22°30	n.a.	F 6
S 7	4 44 34	11°24'08	1♎11	10° 8	28°15	4°30	10°37	14°51	25°43	25°41	10°49	23°42	24°23	22°36	n.a.	S 7
S 8	4 48 31	12°25'23	14°57	11°45	29°30	4°24	10°51	14°57	25°47	25°42	10°48	23°38	24°20	22°43	n.a.	S 8
M 9	4 52 27	13°26'39	28°36	13°23	0♐46	4°19	11° 5	15° 3	25°50	25°43	10°47	23°31	24°17	22°50	n.a.	M 9
T 10	4 56 24	14°27'54	12♏ 6	15° 1	2° 1	4°15	11°19	15°10	25°54	25°44	10°46	23°21	24°14	22°56	n.a.	T 10
W11	5 0 20	15°29'09	25°25	16°40	3°16	4°11	11°33	15°16	25°57	25°45	10°45	23°10	24°10	23° 3	n.a.	W11
T 12	5 4 17	16°30'24	8♐31	18°19	4°32	4° 9	11°47	15°23	26° 1	25°46	10°43	22°58	24° 7	23°10	n.a.	T 12
F 13	5 8 13	17°31'38	21°22	19°58	5°47	4° 7	12° 1	15°29	26° 4	25°47	10°42	22°45	24° 4	23°16	n.a.	F 13
S 14	5 12 10	18°32'52	3♑59	21°38	7° 3	4° 6	12°15	15°35	26° 8	25°48	10°41	22°35	24° 1	23°23	n.a.	S 14
S 15	5 16 7	19°34'05	16°21	23°19	8°18	4°D 5	12°29	15°42	26°11	25°50	10°40	22°26	23°58	23°30	n.a.	S 15
M16	5 20 3	20°35'17	28°29	25° 0	9°33	4° 6	12°43	15°48	26°15	25°51	10°38	22°21	23°55	23°36	n.a.	M16
T 17	5 24 0	21°36'29	10♒26	26°41	10°49	4° 7	12°56	15°54	26°18	25°52	10°37	22°18	23°51	23°43	n.a.	T 17
W18	5 27 56	22°37'40	22°16	28°23	12° 4	4° 9	13°10	16° 0	26°21	25°53	10°36	22°D17	23°48	23°50	n.a.	W18
T 19	5 31 53	23°38'49	4♓ 3	0♑ 5	13°19	4°12	13°24	16° 6	26°25	25°54	10°34	22°17	23°45	23°56	n.a.	T 19
F 20	5 35 49	24°39'58	15°51	1°47	14°35	4°15	13°38	16°12	26°28	25°56	10°33	22°18	23°42	24° 3	n.a.	F 20
S 21	5 39 46	25°41'05	27°47	3°30	15°50	4°19	13°52	16°18	26°31	25°57	10°32	22°R19	23°39	24°10	n.a.	S 21
S 22	5 43 43	26°42'11	9♈56	5°13	17° 5	4°24	14° 6	16°24	26°35	25°58	10°30	22°18	23°35	24°16	n.a.	S 22
M23	5 47 39	27°43'17	22°22	6°56	18°21	4°30	14°20	16°30	26°38	26° 0	10°29	22°14	23°32	24°23	n.a.	M23
T 24	5 51 36	28°44'21	5♉11	8°40	19°36	4°36	14°34	16°36	26°41	26° 1	10°28	22° 9	23°29	24°29	n.a.	T 24
W25	5 55 32	29°45'24	18°25	10°23	20°51	4°43	14°47	16°41	26°44	26° 2	10°26	22° 2	23°26	24°36	n.a.	W25
T 26	5 59 29	0♑46'26	2♊ 5	12° 6	22° 6	4°51	15° 1	16°47	26°48	26° 4	10°25	21°53	23°23	24°43	n.a.	T 26
F 27	6 3 25	1°47'26	16°10	13°49	23°22	4°59	15°15	16°53	26°51	26° 5	10°23	21°44	23°20	24°49	n.a.	F 27
S 28	6 7 22	2°48'26	0♋35	15°32	24°37	5° 8	15°28	16°58	26°54	26° 7	10°22	21°36	23°16	24°56	n.a.	S 28
S 29	6 11 18	3°49'24	15°14	17°13	25°52	5°17	15°42	17° 4	26°57	26° 8	10°21	21°30	23°13	25° 3	n.a.	S 29
M30	6 15 15	4°50'22	29°59	18°54	27° 7	5°27	15°56	17° 9	27° 0	26°10	10°19	21°26	23°10	25° 9	n.a.	M30
T 31	6 19 12	5♑51'18	14♌44	20♑33	28♐23	5♉38	16♐ 9	17♏15	27♏ 3	26♒12	10♋18	21°D24	23♒ 7	25♒16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21s27	27n18	3n43	21s35	1s 6	17s31	0n39	15n 2	1n40	21s57	0n 9	14s32	1n50	19s14	0n 6	14s21	1s17	29n33	6n18	13s43	13s27	14s36			n.a.
M 2	21 37	24 52	2 46	22 0	1 11	17 54	0 37	15 0	1 41	21 59	0 9	14 34	1 50	19 15	0 6	14 20	1 17	29 33	6 18	13 45	13 28	14 33			n.a.
T 3	21 48	20 52	1 38	22 24	1 17	18 15	0 34	14 58	1 42	22 1	0 9	14 36	1 50	19 16	0 6	14 20	1 17	29 33	6 18	13 46	13 29	14 30			n.a.
W 4	21 58	15 40	0 24	22 47	1 22	18 36	0 32	14 56	1 43	22 4	0 9	14 38	1 51	19 17	0 6	14 20	1 17	29 34	6 18	13 47	13 30	14 27			n.a.
T 5	22 7	9 39	0s50	23 9	1 26	18 57	0 29	14 54	1 45	22 6	0 9	14 40	1 51	19 18	0 6	14 20	1 17	29 34	6 19	13 47	13 31	14 24			n.a.
F 6	22 17	3 14	2 1	23 29	1 31	19 17	0 27	14 52	1 46	22 8	0 9	14 42	1 51	19 19	0 6	14 19	1 17	29 34	6 19	13 47	13 32	14 21			n.a.
S 7	22 25	3s18	3 5	23 49	1 35	19 37	0 25	14 51	1 47	22 10	0 9	14 44	1 51	19 20	0 6	14 19	1 17	29 35	6 19	13 47	13 33	14 18			n.a.
S 8	22 34	9 35	3 57	24 7	1 39	19 56	0 22	14 50	1 48	22 12	0 9	14 45	1 51	19 20	0 6	14 19	1 17	29 35	6 19	13 48	13 34	14 15			n.a.
M 9	22 41	15 22	4 34	24 23	1 43	20 14	0 20	14 49	1 49	22 14	0 9	14 47	1 51	19 21	0 6	14 18	1 17	29 35	6 19	13 51	13 35	14 12			n.a.
T 10	22 49	20 21	4 56	24 39	1 47	20 32	0 17	14 48	1 50	22 16	0 8	14 49	1 51	19 22	0 6	14 18	1 17	29 35	6 19	13 54	13 36	14 9			n.a.
W11	22 56	24 13	5 2	24 53	1 50	20 49	0 15	14 48	1 51	22 18	0 8	14 51	1 51	19 23	0 6	14 17	1 17	29 36	6 20	13 58	13 38	14 6			n.a.
T 12	23 2	26 47	4 51	25 5	1 53	21 6	0 13	14 48	1 51	22 20	0 8	14 53	1 51	19 24	0 6	14 17	1 17	29 36	6 20	14 2	13 39	14 3			n.a.
F 13	23 8	27 52	4 26	25 16	1 56	21 22	0 10	14 48	1 52	22 22	0 8	14 55	1 51	19 25	0 6	14 17	1 17	29 36	6 20	14 6	13 40	14 0			n.a.
S 14	23 14	27 28	3 48	25 25	1 58	21 38	0 8	14 48	1 53	22 24	0 8	14 56	1 51	19 25	0 6	14 16	1 17	29 36	6 20	14 9	13 41	13 57			n.a.
S 15	23 19	25 41	2 59	25 33	2 0	21 52	0 5	14 49	1 54	22 26	0 8	14 58	1 51	19 26	0 6	14 16	1 17	29 37	6 20	14 12	13 42	13 54			n.a.
M16	23 24	22 44	2 4	25 39	2 1	22 7	0 3	14 50	1 54	22 28	0 8	15 0	1 51	19 27	0 6	14 15	1 17	29 37	6 20	14 14	13 43	13 50			n.a.
T 17	23 28	18 51	1 3	25 44	2 3	22 20	0 0	14 51	1 55	22 30	0 8	15 2	1 51	19 28	0 6	14 15	1 17	29 37	6 20	14 15	13 44	13 47			n.a.
W18	23 31	14 16	0 0	25 47	2 3	22 33	0s 2	14 52	1 55	22 32	0 8	15 3	1 51	19 29	0 6	14 15	1 17	29 37	6 21	14 15	13 45	13 44			n.a.
T 19	23 35	9 10	1n 3	25 47	2 4	22 45	0 5	14 53	1 56	22 34	0 7	15 5	1 51	19 30	0 6	14 14	1 16	29 38	6 21	14 15	13 46	13 41			n.a.
F 20	23 37	3 45	2 3	25 46	2 3	22 57	0 7	14 55	1 57	22 36	0 7	15 7	1 51	19 30	0 6	14 14	1 16	29 38	6 21	14 15	13 47	13 38			n.a.
S 21	23 40	1n50	2 59	25 44	2 3	23 7	0 9	14 57	1 57	22 37	0 7	15 8	1 51	19 31	0 6	14 13	1 16	29 38	6 21	14 15	13 48	13 35			n.a.
S 22	23 41	7 27	3 47	25 39	2 2	23 17	0 12	14 59	1 58	22 39	0 7	15 10	1 51	19 32	0 6	14 13	1 16	29 38	6 21	14 15	13 49	13 32			n.a.
M23	23 43	12 55	4 26	25 32	2 0	23 27	0 14	15 1	1 58	22 41	0 7	15 12	1 51	19 33	0 6	14 12	1 16	29 39	6 21	14 16	13 50	13 29			n.a.
T 24	23 43	18 1	4 54	25 24	1 57	23 36	0 17	15 4	1 58	22 43	0 7	15 13	1 51	19 33	0 6	14 12	1 16	29 39	6 21	14 18	13 51	13 26			n.a.
W25	23 44	22 25	5 6	25 13	1 55	23 44	0 19	15 7	1 59	22 44	0 7	15 15	1 52	19 34	0 6	14 11	1 16	29 39	6 21	14 20	13 52	13 23			n.a.
T 26	23 44	25 46	5 2	25 1	1 51	23 51	0 21	15 9	1 59	22 46	0 7	15 16	1 52	19 35	0 6	14 11	1 16	29 39	6 21	14 23	13 53	13 20			n.a.
F 27	23 43	27 38	4 40	24 46	1 47	23 57	0 23	15 13	1 59	22 48	0 7	15 18	1 52	19 36	0 6	14 10	1 16	29 39	6 22	14 26	13 54	13 17			n.a.
S 28	23 42	27 43	3 59	24 30	1 42	24 3	0 26	15 16	2 0	22 49	0 7	15 20	1 52	19 36	0 6	14 10	1 16	29 40	6 22	14 28	13 56	13 14			n.a.
S 29	23 40	25 52	3 3	24 12	1 36	24 8	0 28	15 19	2 0	22 51	0 6	15 21	1 52	19 37	0 6	14 9	1 16	29 40	6 22	14 31	13 57	13 11			n.a.
M30	23 38	22 14	1 53	23 52	1 30	24 12	0 30	15 23	2 0	22 52	0 6	15 22	1 52	19 38	0 6	14 8	1 16	29 40	6 22	14 32	13 58	13 8			n.a.
T 31	23s36	17n11	0n36	23s30	1s23	24s16	0s32	15n27	2n 0	22s54	0n 6	15s24	1n52	19s39	0n 6	14s 8	1s16	29n40	6n22	14s32	13s59	13s 4			n.a.

Julian Day Number = 1618391.5, Delta T = 03h49m01s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'56, Lahiri = - 7°50'55 Julian Calendar 1 Dec. 283 BCE == Greg. Calendar 27 Nov. 283 BCE

The year -282 astronomical counting style corresponds to year 283 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

JANUARY 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 23 8	6♉52'13	29♌22	22♉11	29♐38	5♑49	16♐23	17♏20	27♏ 6	26♒13	10°R16	21♒24	23♒ 4	25♒23	n.a.	W 1
T 2	6 27 5	7°53'08	13♍48	23°47	0♉53	6° 1	16°37	17°25	27° 9	26°15	10♋15	21°25	23° 1	25°29	n.a.	T 2
F 3	6 31 1	8°54'01	27°59	25°20	2° 8	6°13	16°50	17°31	27°12	26°16	10°14	21°26	22°57	25°36	n.a.	F 3
S 4	6 34 58	9°54'53	11♎54	26°50	3°23	6°26	17° 4	17°36	27°15	26°18	10°12	21°R27	22°54	25°43	n.a.	S 4
S 5	6 38 54	10°55'44	25°33	28°16	4°39	6°39	17°17	17°41	27°18	26°20	10°11	21°26	22°51	25°49	n.a.	S 5
M 6	6 42 51	11°56'35	8♏57	29°38	5°54	6°53	17°30	17°46	27°21	26°22	10° 9	21°23	22°48	25°56	n.a.	M 6
T 7	6 46 47	12°57'24	22° 7	0♒55	7° 9	7° 8	17°44	17°51	27°24	26°23	10° 8	21°18	22°45	26° 3	n.a.	T 7
W 8	6 50 44	13°58'12	5♐ 3	2° 7	8°24	7°23	17°57	17°56	27°26	26°25	10° 7	21°12	22°41	26° 9	n.a.	W 8
T 9	6 54 41	14°58'59	17°46	3°12	9°39	7°38	18°10	18° 1	27°29	26°27	10° 5	21° 5	22°38	26°16	n.a.	T 9
F 10	6 58 37	15°59'44	0♉18	4° 9	10°54	7°54	18°24	18° 5	27°32	26°29	10° 4	20°59	22°35	26°22	n.a.	F 10
S 11	7 2 34	17° 0'28	12°37	4°59	12°10	8°10	18°37	18°10	27°35	26°31	10° 2	20°53	22°32	26°29	n.a.	S 11
S 12	7 6 30	18° 1'11	24°47	5°40	13°25	8°27	18°50	18°15	27°37	26°32	10° 1	20°49	22°29	26°36	n.a.	S 12
M13	7 10 27	19° 1'52	6♒47	6°12	14°40	8°44	19° 3	18°19	27°40	26°34	10° 0	20°46	22°26	26°42	n.a.	M13
T 14	7 14 23	20° 2'31	18°40	6°34	15°55	9° 2	19°16	18°24	27°43	26°36	9°58	20°D45	22°22	26°49	n.a.	T 14
W15	7 18 20	21° 3'08	0♓28	6°46	17°10	9°20	19°29	18°28	27°45	26°38	9°57	20°45	22°19	26°56	n.a.	W15
T 16	7 22 17	22° 3'44	12°14	6°R48	18°25	9°39	19°42	18°33	27°48	26°40	9°55	20°47	22°16	27° 2	n.a.	T 16
F 17	7 26 13	23° 4'18	24° 2	6°38	19°40	9°58	19°55	18°37	27°50	26°42	9°54	20°49	22°13	27° 9	n.a.	F 17
S 18	7 30 10	24° 4'49	5♈58	6°19	20°55	10°17	20° 8	18°41	27°52	26°44	9°53	20°50	22°10	27°16	n.a.	S 18
S 19	7 34 6	25° 5'19	18° 5	5°50	22°10	10°37	20°20	18°45	27°55	26°46	9°51	20°51	22° 7	27°22	n.a.	S 19
M20	7 38 3	26° 5'47	0♉28	5°12	23°25	10°57	20°33	18°49	27°57	26°48	9°50	20°R52	22° 3	27°29	n.a.	M20
T 21	7 41 59	27° 6'13	13°12	4°26	24°40	11°17	20°46	18°53	27°59	26°50	9°49	20°51	22° 0	27°36	n.a.	T 21
W22	7 45 56	28° 6'37	26°21	3°33	25°55	11°38	20°58	18°57	28° 2	26°52	9°47	20°49	21°57	27°42	n.a.	W22
T 23	7 49 52	29° 6'58	9♊57	2°34	27°10	11°59	21°11	19° 1	28° 4	26°54	9°46	20°46	21°54	27°49	n.a.	T 23
F 24	7 53 49	0♒ 7'18	24° 1	1°32	28°25	12°20	21°23	19° 4	28° 6	26°56	9°45	20°43	21°51	27°55	n.a.	F 24
S 25	7 57 46	1° 7'36	8♋31	0°27	29°40	12°42	21°36	19° 8	28° 8	26°58	9°43	20°40	21°47	28° 2	n.a.	S 25
S 26	8 1 42	2° 7'52	23°20	29♉22	0♒55	13° 4	21°48	19°12	28°10	27° 0	9°42	20°38	21°44	28° 9	n.a.	S 26
M27	8 5 39	3° 8'06	8♌23	28°17	2°10	13°27	22° 0	19°15	28°12	27° 2	9°41	20°37	21°41	28°15	n.a.	M27
T 28	8 9 35	4° 8'17	23°30	27°15	3°25	13°49	22°12	19°18	28°14	27° 5	9°40	20°D36	21°38	28°22	n.a.	T 28
W29	8 13 32	5° 8'27	8♍31	26°17	4°39	14°12	22°24	19°22	28°16	27° 7	9°38	20°37	21°35	28°29	n.a.	W29
T 30	8 17 28	6° 8'36	23°20	25°24	5°54	14°36	22°36	19°25	28°18	27° 9	9°37	20°38	21°32	28°35	n.a.	T 30
F 31	8 21 25	7♒ 8'42	7♎50	24♉36	7♒ 9	14♑59	22♐48	19♏28	28♏20	27♒11	9♋36	20♒39	21♒28	28♒42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23s33	11n10	0s43	23s 6	1s15	24s19	0s35	15n31	2n 1	22s55	0n 6	15s25	1n52	19s39	0n 6	14s 7	1s16	29n40	6n22	14s32	14s 0	13s 1			n.a.
T 2	23 30	4 38	1 58	22 41	1 6	24 21	0 37	15 35	2 1	22 57	0 6	15 27	1 52	19 40	0 6	14 7	1 16	29 41	6 22	14 32	14 1	12 58			n.a.
F 3	23 26	2s 1	3 5	22 15	0 56	24 22	0 39	15 39	2 1	22 58	0 6	15 28	1 52	19 41	0 6	14 6	1 16	29 41	6 22	14 32	14 2	12 55			n.a.
S 4	23 21	8 26	4 0	21 47	0 45	24 22	0 41	15 44	2 1	23 0	0 6	15 30	1 52	19 41	0 6	14 6	1 16	29 41	6 22	14 32	14 3	12 52			n.a.
S 5	23 17	14 19	4 40	21 19	0 34	24 22	0 43	15 48	2 1	23 1	0 6	15 31	1 52	19 42	0 6	14 5	1 16	29 41	6 22	14 32	14 4	12 49			n.a.
M 6	23 11	19 26	5 3	20 50	0 21	24 21	0 45	15 53	2 1	23 3	0 6	15 32	1 53	19 43	0 6	14 4	1 16	29 41	6 22	14 33	14 5	12 46			n.a.
T 7	23 5	23 30	5 10	20 20	0 8	24 19	0 47	15 58	2 1	23 4	0 6	15 34	1 53	19 43	0 6	14 4	1 16	29 42	6 23	14 34	14 6	12 43			n.a.
W 8	22 59	26 20	5 2	19 50	0n 6	24 17	0 49	16 3	2 1	23 5	0 5	15 35	1 53	19 44	0 6	14 3	1 16	29 42	6 23	14 36	14 7	12 40			n.a.
T 9	22 53	27 46	4 38	19 21	0 21	24 13	0 51	16 8	2 1	23 7	0 5	15 36	1 53	19 45	0 6	14 2	1 16	29 42	6 23	14 39	14 8	12 37			n.a.
F 10	22 46	27 45	4 1	18 52	0 36	24 9	0 53	16 13	2 1	23 8	0 5	15 37	1 53	19 45	0 6	14 2	1 16	29 42	6 23	14 41	14 9	12 33			n.a.
S 11	22 38	26 20	3 13	18 25	0 52	24 4	0 55	16 19	2 2	23 9	0 5	15 39	1 53	19 46	0 6	14 1	1 16	29 42	6 23	14 43	14 10	12 30			n.a.
S 12	22 30	23 41	2 17	17 58	1 9	23 59	0 56	16 24	2 2	23 10	0 5	15 40	1 53	19 47	0 6	14 0	1 16	29 43	6 23	14 44	14 11	12 27			n.a.
M13	22 22	20 2	1 16	17 34	1 25	23 53	0 58	16 30	2 2	23 11	0 5	15 41	1 53	19 47	0 6	14 0	1 16	29 43	6 23	14 45	14 12	12 24			n.a.
T 14	22 13	15 36	0 11	17 12	1 42	23 46	1 0	16 36	2 2	23 13	0 5	15 42	1 53	19 48	0 6	13 59	1 16	29 43	6 23	14 45	14 13	12 21			n.a.
W15	22 4	10 37	0n53	16 53	1 59	23 38	1 2	16 42	2 1	23 14	0 5	15 43	1 53	19 48	0 6	13 58	1 16	29 43	6 23	14 45	14 14	12 18			n.a.
T 16	21 54	5 17	1 55	16 36	2 16	23 29	1 3	16 48	2 1	23 15	0 5	15 44	1 54	19 49	0 6	13 58	1 16	29 43	6 23	14 45	14 15	12 15			n.a.
F 17	21 44	0n15	2 53	16 23	2 32	23 20	1 5	16 54	2 1	23 16	0 5	15 45	1 54	19 49	0 6	13 57	1 16	29 43	6 23	14 44	14 17	12 12			n.a.
S 18	21 33	5 49	3 44	16 13	2 47	23 10	1 6	17 0	2 1	23 17	0 4	15 46	1 54	19 50	0 6	13 56	1 16	29 43	6 23	14 43	14 18	12 8			n.a.
S 19	21 23	11 15	4 25	16 7	3 2	23 0	1 8	17 6	2 1	23 18	0 4	15 47	1 54	19 51	0 6	13 56	1 16	29 44	6 23	14 43	14 19	12 5			n.a.
M20	21 11	16 22	4 56	16 3	3 14	22 48	1 9	17 12	2 1	23 19	0 4	15 48	1 54	19 51	0 6	13 55	1 16	29 44	6 23	14 43	14 20	12 2			n.a.
T 21	21 0	20 57	5 12	16 4	3 26	22 36	1 10	17 19	2 1	23 20	0 4	15 49	1 54	19 52	0 6	13 54	1 16	29 44	6 23	14 43	14 21	11 59			n.a.
W22	20 48	24 39	5 14	16 7	3 35	22 24	1 12	17 25	2 1	23 21	0 4	15 50	1 54	19 52	0 6	13 53	1 16	29 44	6 23	14 44	14 22	11 56			n.a.
T 23	20 35	27 7	4 58	16 13	3 42	22 10	1 13	17 32	2 1	23 22	0 4	15 51	1 54	19 53	0 6	13 53	1 16	29 44	6 23	14 45	14 23	11 53			n.a.
F 24	20 22	27 59	4 24	16 22	3 47	21 56	1 14	17 38	2 1	23 23	0 4	15 52	1 54	19 53	0 6	13 52	1 16	29 44	6 23	14 46	14 24	11 50			n.a.
S 25	20 9	26 59	3 32	16 33	3 50	21 42	1 15	17 45	2 1	23 24	0 4	15 53	1 55	19 54	0 6	13 51	1 16	29 44	6 23	14 47	14 25	11 47			n.a.
S 26	19 56	24 4	2 25	16 46	3 51	21 26	1 16	17 52	2 1	23 25	0 4	15 54	1 55	19 54	0 6	13 51	1 16	29 44	6 23	14 47	14 26	11 43			n.a.
M27	19 42	19 28	1 7	17 1	3 49	21 10	1 17	17 59	2 0	23 26	0 4	15 55	1 55	19 55	0 6	13 50	1 16	29 45	6 23	14 48	14 27	11 40			n.a.
T 28	19 27	13 36	0s16	17 16	3 46	20 54	1 18	18 5	2 0	23 27	0 3	15 55	1 55	19 55	0 6	13 49	1 16	29 45	6 23	14 48	14 28	11 37			n.a.
W29	19 13	6 58	1 38	17 33	3 40	20 37	1 19	18 12	2 0	23 27	0 3	15 56	1 55	19 56	0 6	13 48	1 16	29 45	6 23	14 48	14 29	11 34			n.a.
T 30	18 58	0 3	2 52	17 50	3 33	20 19	1 20	18 19	2 0	23 28	0 3	15 57	1 55	19 56	0 6	13 48	1 16	29 45	6 23	14 47	14 30	11 31			n.a.
F 31	18s43	6s42	3s53	18s 7	3n24	20s 1	1s21	18n26	2n 0	23s29	0n 3	15s58	1n55	19s56	0n 6	13s47	1s16	29n45	6n23	14s47	14s31	11s28			n.a.

Julian Day Number = 1618422.5, Delta T = 03h49m00s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'51, Lahiri = - 7°50'51 Julian Calendar 1 Jan. 282 BCE == Greg. Calendar 28 Dec. 283 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

FEBRUARY 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 25 21	8♒ 8'47	21♎58	23°R54	8♒24	15♉23	23♐ 0	19♏31	28♏22	27♒13	9°R35	20♒40	21♒25	28♒49	n.a.	S 1
S 2	8 29 18	9° 8'50	5♏43	23♑19	9°39	15°47	23°12	19°34	28°24	27°15	9♋33	20°R40	21°22	28°55	n.a.	S 2
M 3	8 33 15	10° 8'51	19° 5	22°51	10°54	16°12	23°24	19°37	28°25	27°17	9°32	20°40	21°19	29° 2	n.a.	M 3
T 4	8 37 11	11° 8'51	2♐ 7	22°29	12° 8	16°36	23°35	19°40	28°27	27°20	9°31	20°40	21°16	29° 9	n.a.	T 4
W 5	8 41 8	12° 8'49	14°50	22°15	13°23	17° 1	23°47	19°42	28°29	27°22	9°30	20°39	21°13	29°15	n.a.	W 5
T 6	8 45 4	13° 8'46	27°18	22° 7	14°38	17°26	23°58	19°45	28°30	27°24	9°29	20°38	21° 9	29°22	n.a.	T 6
F 7	8 49 1	14° 8'40	9♑33	22°D 5	15°53	17°52	24°10	19°47	28°32	27°26	9°28	20°37	21° 6	29°29	n.a.	F 7
S 8	8 52 57	15° 8'32	21°39	22°10	17° 7	18°17	24°21	19°50	28°33	27°29	9°27	20°36	21° 3	29°35	n.a.	S 8
S 9	8 56 54	16° 8'23	3♒36	22°21	18°22	18°43	24°32	19°52	28°35	27°31	9°26	20°35	21° 0	29°42	n.a.	S 9
M10	9 0 50	17° 8'11	15°28	22°37	19°37	19° 9	24°43	19°54	28°36	27°33	9°24	20°D35	20°57	29°49	n.a.	M10
T 11	9 4 47	18° 7'58	27°16	22°58	20°51	19°35	24°54	19°56	28°38	27°35	9°23	20°35	20°53	29°55	n.a.	T 11
W12	9 8 44	19° 7'42	9♓ 4	23°25	22° 6	20° 2	25° 5	19°58	28°39	27°38	9°22	20°35	20°50	0♓ 2	n.a.	W12
T 13	9 12 40	20° 7'24	20°52	23°56	23°21	20°29	25°16	20° 0	28°40	27°40	9°21	20°R35	20°47	0° 8	n.a.	T 13
F 14	9 16 37	21° 7'03	2♈44	24°31	24°35	20°56	25°27	20° 2	28°41	27°42	9°20	20°35	20°44	0°15	n.a.	F 14
S 15	9 20 33	22° 6'41	14°42	25°10	25°50	21°23	25°37	20° 4	28°42	27°44	9°19	20°35	20°41	0°22	n.a.	S 15
S 16	9 24 30	23° 6'16	26°51	25°54	27° 5	21°50	25°48	20° 5	28°43	27°47	9°18	20°35	20°38	0°28	n.a.	S 16
M17	9 28 26	24° 5'48	9♉14	26°41	28°19	22°18	25°58	20° 7	28°45	27°49	9°17	20°35	20°34	0°35	n.a.	M17
T 18	9 32 23	25° 5'19	21°55	27°31	29°34	22°45	26° 9	20° 8	28°46	27°51	9°17	20°D35	20°31	0°42	n.a.	T 18
W19	9 36 19	26° 4'47	4♊57	28°25	0♓48	23°13	26°19	20°10	28°46	27°53	9°16	20°35	20°28	0°48	n.a.	W19
T 20	9 40 16	27° 4'12	18°24	29°21	2° 3	23°41	26°29	20°11	28°47	27°56	9°15	20°35	20°25	0°55	n.a.	T 20
F 21	9 44 12	28° 3'35	2♋17	0♒20	3°17	24° 9	26°39	20°12	28°48	27°58	9°14	20°36	20°22	1° 2	n.a.	F 21
S 22	9 48 9	29° 2'56	16°37	1°22	4°32	24°38	26°49	20°13	28°49	28° 0	9°13	20°36	20°19	1° 8	n.a.	S 22
S 23	9 52 6	0♓ 2'14	1♌21	2°27	5°46	25° 6	26°59	20°14	28°50	28° 2	9°12	20°37	20°15	1°15	n.a.	S 23
M24	9 56 2	1° 1'30	16°23	3°34	7° 0	25°35	27° 8	20°15	28°50	28° 5	9°11	20°R37	20°12	1°22	n.a.	M24
T 25	9 59 59	2° 0'44	1♍35	4°43	8°15	26° 4	27°18	20°16	28°51	28° 7	9°11	20°37	20° 9	1°28	n.a.	T 25
W26	10 3 55	2°59'55	16°49	5°54	9°29	26°33	27°27	20°16	28°52	28° 9	9°10	20°36	20° 6	1°35	n.a.	W26
T 27	10 7 52	3°59'04	1♎53	7° 8	10°44	27° 2	27°36	20°17	28°52	28°12	9° 9	20°35	20° 3	1°42	n.a.	T 27
F 28	10 11 48	4♓58'12	16♎41	8♒23	11♓58	27♉32	27♐46	20♏17	28♏52	28♒14	9♋ 9	20♒33	19♒59	1♓48	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s27	12s57	4s38	18s24	3n14	19s42	1s22	18n33	2n 0	23s30	0n 3	15s58	1n56	19s57	0n 6	13s46	1s16	29n45	6n23	14s47	14s32	11s24		n.a.
S 2	18 11	18 24	5 7	18 41	3 3	19 22	1 22	18 40	1 59	23 30	0 3	15 59	1 56	19 57	0 6	13 45	1 16	29 45	6 23	14 47	14 33	11 21		n.a.
M 3	17 55	22 47	5 17	18 57	2 52	19 2	1 23	18 47	1 59	23 31	0 3	16 0	1 56	19 58	0 6	13 45	1 16	29 45	6 23	14 47	14 34	11 18		n.a.
T 4	17 38	25 55	5 11	19 13	2 39	18 42	1 23	18 54	1 59	23 32	0 3	16 0	1 56	19 58	0 6	13 44	1 16	29 45	6 23	14 47	14 35	11 15		n.a.
W 5	17 22	27 39	4 50	19 28	2 26	18 21	1 24	19 1	1 59	23 32	0 3	16 1	1 56	19 58	0 6	13 43	1 16	29 45	6 23	14 47	14 36	11 12		n.a.
T 6	17 5	27 57	4 15	19 42	2 13	17 59	1 24	19 8	1 59	23 33	0 2	16 1	1 56	19 59	0 6	13 42	1 16	29 45	6 23	14 48	14 37	11 9		n.a.
F 7	16 47	26 51	3 29	19 56	2 0	17 37	1 25	19 15	1 58	23 34	0 2	16 2	1 56	19 59	0 6	13 41	1 16	29 45	6 23	14 48	14 38	11 6		n.a.
S 8	16 29	24 30	2 34	20 8	1 46	17 14	1 25	19 22	1 58	23 34	0 2	16 2	1 56	19 59	0 6	13 41	1 16	29 45	6 23	14 48	14 39	11 2		n.a.
S 9	16 12	21 5	1 33	20 20	1 33	16 51	1 25	19 29	1 58	23 35	0 2	16 3	1 57	20 0	0 6	13 40	1 16	29 46	6 23	14 48	14 40	10 59		n.a.
M10	15 53	16 51	0 28	20 30	1 19	16 28	1 25	19 37	1 58	23 35	0 2	16 3	1 57	20 0	0 6	13 39	1 16	29 46	6 23	14 48	14 41	10 56		n.a.
T 11	15 35	11 59	0n37	20 40	1 6	16 4	1 26	19 44	1 58	23 36	0 2	16 4	1 57	20 0	0 6	13 38	1 16	29 46	6 23	14 48	14 42	10 53		n.a.
W12	15 16	6 43	1 41	20 48	0 53	15 40	1 26	19 51	1 57	23 37	0 2	16 4	1 57	20 1	0 6	13 38	1 16	29 46	6 23	14 48	14 43	10 50		n.a.
T 13	14 57	1 13	2 41	20 55	0 41	15 15	1 26	19 58	1 57	23 37	0 2	16 5	1 57	20 1	0 6	13 37	1 16	29 46	6 23	14 48	14 44	10 46		n.a.
F 14	14 38	4n21	3 34	21 1	0 28	14 50	1 25	20 5	1 57	23 38	0 2	16 5	1 57	20 1	0 6	13 36	1 16	29 46	6 23	14 48	14 45	10 43		n.a.
S 15	14 19	9 49	4 18	21 5	0 17	14 24	1 25	20 12	1 57	23 38	0 1	16 5	1 57	20 1	0 6	13 35	1 16	29 46	6 23	14 48	14 46	10 40		n.a.
S 16	13 59	14 59	4 51	21 9	0 5	13 58	1 25	20 19	1 56	23 38	0 1	16 6	1 58	20 2	0 6	13 34	1 16	29 46	6 23	14 48	14 47	10 37		n.a.
M17	13 39	19 39	5 12	21 11	0s 6	13 32	1 25	20 26	1 56	23 39	0 1	16 6	1 58	20 2	0 6	13 34	1 16	29 46	6 23	14 48	14 49	10 34		n.a.
T 18	13 19	23 34	5 18	21 11	0 17	13 5	1 24	20 33	1 56	23 39	0 1	16 6	1 58	20 2	0 6	13 33	1 16	29 46	6 23	14 48	14 50	10 31		n.a.
W19	12 59	26 25	5 8	21 11	0 27	12 38	1 24	20 40	1 56	23 40	0 1	16 6	1 58	20 2	0 6	13 32	1 16	29 46	6 23	14 48	14 51	10 27		n.a.
T 20	12 38	27 53	4 41	21 9	0 37	12 10	1 24	20 47	1 55	23 40	0 1	16 7	1 58	20 3	0 6	13 31	1 16	29 46	6 23	14 48	14 52	10 24		n.a.
F 21	12 18	27 40	3 58	21 5	0 47	11 43	1 23	20 54	1 55	23 41	0 1	16 7	1 58	20 3	0 6	13 30	1 16	29 46	6 23	14 48	14 53	10 21		n.a.
S 22	11 57	25 37	2 58	21 0	0 56	11 15	1 22	21 1	1 55	23 41	0 1	16 7	1 58	20 3	0 6	13 30	1 16	29 46	6 22	14 48	14 54	10 18		n.a.
S 23	11 36	21 49	1 45	20 54	1 5	10 46	1 22	21 8	1 55	23 41	0 1	16 7	1 59	20 3	0 6	13 29	1 16	29 46	6 22	14 48	14 55	10 15		n.a.
M24	11 15	16 30	0 24	20 47	1 13	10 18	1 21	21 14	1 54	23 42	0 0	16 7	1 59	20 3	0 6	13 28	1 16	29 46	6 22	14 48	14 56	10 11		n.a.
T 25	10 53	10 6	1s 0	20 37	1 21	9 49	1 20	21 21	1 54	23 42	0 0	16 7	1 59	20 3	0 6	13 27	1 16	29 46	6 22	14 48	14 57	10 8		n.a.
W26	10 32	3 7	2 20	20 27	1 28	9 20	1 20	21 28	1 54	23 42	0 0	16 7	1 59	20 3	0 6	13 27	1 16	29 46	6 22	14 48	14 58	10 5		n.a.
T 27	10 10	3s57	3 29	20 15	1 35	8 51	1 19	21 34	1 54	23 43	0 0	16 7	1 59	20 4	0 6	13 26	1 16	29 46	6 22	14 48	14 59	10 2		n.a.
F 28	9s48	10s40	4s23	20s 1	1s41	8s21	1s18	21n41	1n53	23s43	0s 0	16s 7	1n59	20s 4	0n 6	13s25	1s16	29n46	6n22	14s49	15s 0	9s59		n.a.

Julian Day Number = 1618453.5, Delta T = 03h48m59s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'47, Lahiri = - 7°50'47 Julian Calendar 1 Feb. 282 BCE == Greg. Calendar 28 Jan. 282 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

MARCH 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 15 45	5♓57'17	1♏ 5	9♒41	13♓12	28♉ 1	27♐55	20♏18	28♏53	28♒16	9°R 8	20°R32	19♒56	1♓55	n.a.	S 1
S 2	10 19 41	6°56'21	15° 1	11° 0	14°27	28°31	28° 4	20°18	28°53	28°18	9♋ 7	20♒30	19°53	2° 1	n.a.	S 2
M 3	10 23 38	7°55'22	28°31	12°21	15°41	29° 0	28°13	20°18	28°54	28°21	9° 7	20°29	19°50	2° 8	n.a.	M 3
T 4	10 27 35	8°54'22	11♐34	13°44	16°55	29°30	28°21	20°R18	28°54	28°23	9° 6	20°D29	19°47	2°15	n.a.	T 4
W 5	10 31 31	9°53'21	24°15	15° 9	18° 9	0♊ 0	28°30	20°18	28°54	28°25	9° 5	20°29	19°44	2°21	n.a.	W 5
T 6	10 35 28	10°52'17	6♑36	16°35	19°24	0°30	28°38	20°18	28°54	28°27	9° 5	20°31	19°40	2°28	n.a.	T 6
F 7	10 39 24	11°51'11	18°44	18° 3	20°38	1° 1	28°47	20°18	28°54	28°29	9° 4	20°32	19°37	2°35	n.a.	F 7
S 8	10 43 21	12°50'04	0♒40	19°33	21°52	1°31	28°55	20°17	28°R54	28°32	9° 4	20°34	19°34	2°41	n.a.	S 8
S 9	10 47 17	13°48'54	12°31	21° 4	23° 6	2° 2	29° 3	20°17	28°54	28°34	9° 3	20°35	19°31	2°48	n.a.	S 9
M10	10 51 14	14°47'42	24°18	22°37	24°20	2°32	29°11	20°16	28°54	28°36	9° 3	20°R35	19°28	2°55	n.a.	M10
T 11	10 55 10	15°46'29	6♓ 4	24°11	25°34	3° 3	29°18	20°16	28°54	28°38	9° 2	20°34	19°24	3° 1	n.a.	T 11
W12	10 59 7	16°45'13	17°53	25°47	26°49	3°34	29°26	20°15	28°54	28°41	9° 2	20°32	19°21	3° 8	n.a.	W12
T 13	11 3 3	17°43'55	29°46	27°25	28° 3	4° 5	29°34	20°14	28°54	28°43	9° 2	20°28	19°18	3°15	n.a.	T 13
F 14	11 7 0	18°42'36	11♈46	29° 4	29°17	4°36	29°41	20°13	28°54	28°45	9° 1	20°24	19°15	3°21	n.a.	F 14
S 15	11 10 57	19°41'14	23°53	0♓45	0♈31	5° 7	29°48	20°12	28°53	28°47	9° 1	20°18	19°12	3°28	n.a.	S 15
S 16	11 14 53	20°39'49	6♉11	2°27	1°45	5°39	29°55	20°11	28°53	28°49	9° 1	20°13	19° 9	3°35	n.a.	S 16
M17	11 18 50	21°38'23	18°40	4°11	2°59	6°10	0♑ 2	20°10	28°52	28°51	9° 0	20° 9	19° 5	3°41	n.a.	M17
T 18	11 22 46	22°36'55	1♊24	5°56	4°13	6°42	0° 9	20° 9	28°52	28°53	9° 0	20° 6	19° 2	3°48	n.a.	T 18
W19	11 26 43	23°35'24	14°25	7°44	5°27	7°13	0°15	20° 7	28°51	28°56	9° 0	20° 4	18°59	3°54	n.a.	W19
T 20	11 30 39	24°33'51	27°46	9°32	6°41	7°45	0°22	20° 6	28°51	28°58	9° 0	20°D 4	18°56	4° 1	n.a.	T 20
F 21	11 34 36	25°32'16	11♋29	11°23	7°55	8°17	0°28	20° 4	28°50	29° 0	9° 0	20° 4	18°53	4° 8	n.a.	F 21
S 22	11 38 32	26°30'38	25°34	13°15	9° 8	8°49	0°34	20° 3	28°50	29° 2	8°59	20° 6	18°50	4°14	n.a.	S 22
S 23	11 42 29	27°28'58	10♌ 2	15° 8	10°22	9°21	0°40	20° 1	28°49	29° 4	8°59	20° 7	18°46	4°21	n.a.	S 23
M24	11 46 26	28°27'16	24°49	17° 3	11°36	9°53	0°46	19°59	28°48	29° 6	8°59	20°R 7	18°43	4°28	n.a.	M24
T 25	11 50 22	29°25'32	9♍50	19° 0	12°50	10°25	0°52	19°57	28°47	29° 8	8°59	20° 6	18°40	4°34	n.a.	T 25
W26	11 54 19	0♈23'46	24°58	20°59	14° 4	10°58	0°57	19°55	28°46	29°10	8°59	20° 3	18°37	4°41	n.a.	W26
T 27	11 58 15	1°21'58	10♎ 2	22°59	15°17	11°30	1° 3	19°53	28°46	29°12	8°D59	19°58	18°34	4°48	n.a.	T 27
F 28	12 2 12	2°20'08	24°55	25° 0	16°31	12° 3	1° 8	19°51	28°45	29°14	8°59	19°52	18°30	4°54	n.a.	F 28
S 29	12 6 8	3°18'16	9♏26	27° 3	17°45	12°35	1°13	19°49	28°44	29°16	8°59	19°45	18°27	5° 1	n.a.	S 29
S 30	12 10 5	4°16'23	23°32	29° 7	18°58	13° 8	1°18	19°46	28°43	29°18	8°59	19°39	18°24	5° 8	n.a.	S 30
M31	12 14 1	5♈14'28	7♐ 9	1♈13	20♈12	13♊40	1♑22	19♏44	28♏42	29♒20	8♋59	19♒34	18♒21	5♓14	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s26	16s38	4s59	19s46	1s47	7s51	1s17	21n48	1n53	23s43	0s 0	16s 7	1n59	20s 4	0n 6	13s24	1s16	29n46	6n22	14s49	15s 1	9s55		n.a.
S 2	9 4	21 33	5 15	19 29	1 53	7 21	1 16	21 54	1 53	23 43	0 0	16 7	2 0	20 4	0 6	13 23	1 16	29 46	6 22	14 50	15 2	9 52		n.a.
M 3	8 42	25 10	5 13	19 11	1 58	6 51	1 14	22 0	1 52	23 44	0 0	16 7	2 0	20 4	0 6	13 23	1 16	29 46	6 22	14 50	15 3	9 49		n.a.
T 4	8 20	27 19	4 55	18 51	2 2	6 21	1 13	22 7	1 52	23 44	0 1	16 7	2 0	20 4	0 6	13 22	1 16	29 46	6 22	14 50	15 4	9 46		n.a.
W 5	7 57	27 59	4 23	18 30	2 7	5 50	1 12	22 13	1 52	23 44	0 1	16 7	2 0	20 4	0 6	13 21	1 16	29 46	6 22	14 50	15 5	9 43		n.a.
T 6	7 35	27 13	3 40	18 7	2 10	5 20	1 11	22 19	1 52	23 44	0 1	16 6	2 0	20 4	0 6	13 20	1 16	29 46	6 22	14 50	15 6	9 39		n.a.
F 7	7 12	25 10	2 47	17 43	2 13	4 49	1 9	22 26	1 51	23 44	0 1	16 6	2 0	20 4	0 6	13 20	1 16	29 46	6 22	14 49	15 7	9 36		n.a.
S 8	6 49	22 0	1 48	17 17	2 16	4 18	1 8	22 32	1 51	23 45	0 1	16 6	2 0	20 4	0 6	13 19	1 16	29 45	6 21	14 49	15 8	9 33		n.a.
S 9	6 26	17 58	0 44	16 50	2 18	3 47	1 6	22 38	1 51	23 45	0 1	16 6	2 1	20 4	0 6	13 18	1 16	29 45	6 21	14 48	15 9	9 30		n.a.
M10	6 4	13 16	0n20	16 21	2 20	3 16	1 5	22 44	1 50	23 45	0 1	16 6	2 1	20 4	0 6	13 17	1 16	29 45	6 21	14 48	15 10	9 27		n.a.
T 11	5 41	8 5	1 24	15 50	2 21	2 45	1 3	22 49	1 50	23 45	0 1	16 5	2 1	20 4	0 6	13 16	1 16	29 45	6 21	14 49	15 11	9 23		n.a.
W12	5 17	2 38	2 25	15 18	2 22	2 14	1 2	22 55	1 50	23 45	0 2	16 5	2 1	20 4	0 6	13 16	1 16	29 45	6 21	14 49	15 12	9 20		n.a.
T 13	4 54	2n57	3 19	14 44	2 22	1 42	1 0	23 1	1 50	23 46	0 2	16 5	2 1	20 4	0 5	13 15	1 16	29 45	6 21	14 51	15 13	9 17		n.a.
F 14	4 31	8 27	4 5	14 9	2 21	1 11	0 58	23 6	1 49	23 46	0 2	16 4	2 1	20 4	0 5	13 14	1 16	29 45	6 21	14 52	15 14	9 14		n.a.
S 15	4 8	13 42	4 40	13 32	2 21	0 39	0 57	23 12	1 49	23 46	0 2	16 4	2 1	20 4	0 5	13 13	1 16	29 45	6 21	14 54	15 15	9 10		n.a.
S 16	3 45	18 30	5 3	12 53	2 19	0 8	0 55	23 17	1 49	23 46	0 2	16 3	2 2	20 4	0 5	13 13	1 16	29 45	6 21	14 55	15 16	9 7		n.a.
M17	3 21	22 35	5 12	12 13	2 17	0n23	0 53	23 23	1 48	23 46	0 2	16 3	2 2	20 4	0 5	13 12	1 16	29 45	6 21	14 57	15 17	9 4		n.a.
T 18	2 58	25 41	5 7	11 32	2 15	0 55	0 51	23 28	1 48	23 46	0 2	16 2	2 2	20 4	0 5	13 11	1 16	29 45	6 21	14 58	15 18	9 1		n.a.
W19	2 35	27 31	4 45	10 49	2 12	1 26	0 49	23 33	1 48	23 46	0 2	16 2	2 2	20 4	0 5	13 11	1 16	29 45	6 20	14 58	15 19	8 58		n.a.
T 20	2 11	27 50	4 8	10 4	2 9	1 58	0 47	23 38	1 47	23 46	0 3	16 1	2 2	20 3	0 5	13 10	1 16	29 45	6 20	14 58	15 20	8 54		n.a.
F 21	1 48	26 28	3 15	9 18	2 5	2 29	0 45	23 43	1 47	23 47	0 3	16 1	2 2	20 3	0 5	13 9	1 16	29 45	6 20	14 58	15 21	8 51		n.a.
S 22	1 24	23 25	2 10	8 30	2 0	3 0	0 43	23 48	1 47	23 47	0 3	16 0	2 2	20 3	0 5	13 8	1 16	29 45	6 20	14 58	15 22	8 48		n.a.
S 23	1 1	18 50	0 55	7 41	1 55	3 32	0 41	23 53	1 46	23 47	0 3	16 0	2 2	20 3	0 5	13 8	1 16	29 44	6 20	14 57	15 23	8 45		n.a.
M24	0 37	13 1	0s26	6 51	1 49	4 3	0 39	23 57	1 46	23 47	0 3	15 59	2 2	20 3	0 5	13 7	1 16	29 44	6 20	14 57	15 24	8 41		n.a.
T 25	0 14	6 21	1 45	5 59	1 43	4 34	0 37	24 2	1 46	23 47	0 3	15 59	2 3	20 3	0 5	13 6	1 16	29 44	6 20	14 58	15 25	8 38		n.a.
W26	0n10	0s41	2 58	5 6	1 37	5 5	0 34	24 6	1 46	23 47	0 3	15 58	2 3	20 3	0 5	13 6	1 16	29 44	6 20	14 59	15 26	8 35		n.a.
T 27	0 33	7 40	3 58	4 11	1 29	5 36	0 32	24 10	1 45	23 47	0 4	15 57	2 3	20 2	0 5	13 5	1 16	29 44	6 20	15 0	15 27	8 32		n.a.
F 28	0 56	14 6	4 41	3 15	1 22	6 7	0 30	24 15	1 45	23 47	0 4	15 57	2 3	20 2	0 5	13 4	1 16	29 44	6 20	15 2	15 28	8 28		n.a.
S 29	1 20	19 37	5 4	2 19	1 14	6 37	0 28	24 19	1 45	23 47	0 4	15 56	2 3	20 2	0 5	13 4	1 16	29 44	6 19	15 4	15 29	8 25		n.a.
S 30	1 43	23 51	5 9	1 21	1 5	7 8	0 25	24 22	1 44	23 47	0 4	15 55	2 3	20 2	0 5	13 3	1 16	29 44	6 19	15 6	15 30	8 22		n.a.
M31	2n 6	26s37	4s55	0s22	0s56	7n38	0s23	24n26	1n44	23s48	0s 4	15s54	2n 3	20s 1	0n 5	13s 2	1s16	29n44	6n19	15s 8	15s31	8s19		n.a.

Julian Day Number = 1618481.5, Delta T = 03h48m58s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'43, Lahiri = - 7°50'43 Julian Calendar 1 March 282 BCE == Greg. Calendar 25 Feb. 282 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

APRIL 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 17 58	6♈12'32	20♐18	3♈20	21♈26	14♊13	1♑27	19°R41	28°R40	29♒22	9♋ 0	19°R31	18♒18	5♓21	n.a.	T 1
W 2	12 21 55	7°10'34	3♑ 2	5°27	22°39	14°46	1°31	19♏39	28♏39	29°24	9° 0	19°D29	18°15	5°28	n.a.	W 2
T 3	12 25 51	8° 8'35	15°24	7°36	23°53	15°19	1°35	19°36	28°38	29°25	9° 0	19♒30	18°11	5°34	n.a.	T 3
F 4	12 29 48	9° 6'34	27°29	9°45	25° 7	15°52	1°39	19°33	28°37	29°27	9° 0	19°31	18° 8	5°41	n.a.	F 4
S 5	12 33 44	10° 4'32	9♒24	11°55	26°20	16°25	1°43	19°31	28°35	29°29	9° 0	19°32	18° 5	5°48	n.a.	S 5
S 6	12 37 41	11° 2'28	21°12	14° 5	27°34	16°58	1°47	19°28	28°34	29°31	9° 1	19°R32	18° 2	5°54	n.a.	S 6
M 7	12 41 37	12° 0'23	2♓58	16°15	28°47	17°32	1°50	19°25	28°33	29°33	9° 1	19°31	17°59	6° 1	n.a.	M 7
T 8	12 45 34	12°58'17	14°46	18°24	0♉ 1	18° 5	1°54	19°22	28°31	29°35	9° 1	19°28	17°56	6° 8	n.a.	T 8
W 9	12 49 30	13°56'08	26°39	20°33	1°14	18°38	1°57	19°19	28°30	29°36	9° 2	19°23	17°52	6°14	n.a.	W 9
T 10	12 53 27	14°53'59	8♈40	22°41	2°27	19°12	2° 0	19°15	28°28	29°38	9° 2	19°15	17°49	6°21	n.a.	T 10
F 11	12 57 23	15°51'47	20°51	24°48	3°41	19°45	2° 2	19°12	28°27	29°40	9° 2	19° 5	17°46	6°27	n.a.	F 11
S 12	13 1 20	16°49'35	3♉12	26°53	4°54	20°19	2° 5	19° 9	28°25	29°41	9° 3	18°55	17°43	6°34	n.a.	S 12
S 13	13 5 17	17°47'20	15°44	28°56	6° 8	20°53	2° 7	19° 5	28°24	29°43	9° 3	18°44	17°40	6°41	n.a.	S 13
M14	13 9 13	18°45'05	28°28	0♉58	7°21	21°27	2°10	19° 2	28°22	29°45	9° 4	18°35	17°36	6°47	n.a.	M14
T 15	13 13 10	19°42'47	11♊24	2°57	8°34	22° 0	2°12	18°58	28°20	29°46	9° 4	18°27	17°33	6°54	n.a.	T 15
W16	13 17 6	20°40'28	24°33	4°54	9°48	22°34	2°13	18°55	28°18	29°48	9° 5	18°22	17°30	7° 1	n.a.	W16
T 17	13 21 3	21°38'07	7♋57	6°48	11° 1	23° 8	2°15	18°51	28°17	29°50	9° 5	18°19	17°27	7° 7	n.a.	T 17
F 18	13 24 59	22°35'45	21°36	8°40	12°14	23°42	2°17	18°48	28°15	29°51	9° 6	18°D18	17°24	7°14	n.a.	F 18
S 19	13 28 56	23°33'21	5♌32	10°29	13°27	24°16	2°18	18°44	28°13	29°53	9° 6	18°19	17°21	7°21	n.a.	S 19
S 20	13 32 53	24°30'55	19°44	12°14	14°40	24°50	2°19	18°40	28°11	29°54	9° 7	18°R19	17°17	7°27	n.a.	S 20
M21	13 36 49	25°28'27	4♍12	13°57	15°54	25°25	2°20	18°36	28° 9	29°56	9° 8	18°18	17°14	7°34	n.a.	M21
T 22	13 40 46	26°25'58	18°53	15°37	17° 7	25°59	2°20	18°33	28° 7	29°57	9° 8	18°15	17°11	7°41	n.a.	T 22
W23	13 44 42	27°23'28	3♎41	17°14	18°20	26°33	2°21	18°29	28° 5	29°58	9° 9	18° 9	17° 8	7°47	n.a.	W23
T 24	13 48 39	28°20'56	18°30	18°47	19°33	27° 8	2°21	18°25	28° 3	29°59	9°10	18° 1	17° 5	7°54	n.a.	T 24
F 25	13 52 35	29°18'23	3♏11	20°18	20°46	27°42	2°R21	18°21	28° 1	0♓ 1	9°11	17°51	17° 1	8° 1	n.a.	F 25
S 26	13 56 32	0♉15'49	17°36	21°45	21°59	28°16	2°21	18°17	27°59	0° 3	9°11	17°41	16°58	8° 7	n.a.	S 26
S 27	14 0 28	1°13'13	1♐40	23° 8	23°12	28°51	2°21	18°13	27°57	0° 4	9°12	17°31	16°55	8°14	n.a.	S 27
M28	14 4 25	2°10'37	15°18	24°29	24°25	29°26	2°21	18° 8	27°55	0° 5	9°13	17°22	16°52	8°21	n.a.	M28
T 29	14 8 21	3° 8'00	28°29	25°46	25°38	0♋ 0	2°20	18° 4	27°53	0° 6	9°14	17°15	16°49	8°27	n.a.	T 29
W30	14 12 18	4♉ 5'23	11♑15	27♉ 0	26♉50	0♋35	2♑19	18♏ 0	27♏51	0♓ 8	9♋15	17♒11	16♒46	8♓34	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n30	27s48	4s26	0n38	0s47	8n 8	0s20	24n30	1n44	23s48	0s 4	15s54	2n 3	20s 1	0n 5	13s 2	1s17	29n44	6n19	15s 9	15s32	8s15		n.a.
W 2	2 53	27 26	3 45	1 38	0 37	8 38	0 18	24 34	1 43	23 48	0 4	15 53	2 3	20 1	0 5	13 1	1 17	29 43	6 19	15 9	15 33	8 12		n.a.
T 3	3 16	25 43	2 54	2 38	0 27	9 8	0 16	24 37	1 43	23 48	0 5	15 52	2 3	20 1	0 5	13 0	1 17	29 43	6 19	15 9	15 34	8 9		n.a.
F 4	3 39	22 49	1 56	3 39	0 17	9 38	0 13	24 40	1 43	23 48	0 5	15 51	2 4	20 0	0 5	13 0	1 17	29 43	6 19	15 9	15 35	8 6		n.a.
S 5	4 2	19 0	0 55	4 40	0 6	10 7	0 11	24 43	1 42	23 48	0 5	15 50	2 4	20 0	0 5	12 59	1 17	29 43	6 19	15 8	15 36	8 3		n.a.
S 6	4 25	14 28	0n 9	5 41	0n 5	10 36	0 8	24 47	1 42	23 48	0 5	15 50	2 4	20 0	0 5	12 59	1 17	29 43	6 19	15 8	15 37	7 59		n.a.
M 7	4 48	9 26	1 12	6 42	0 15	11 5	0 6	24 49	1 42	23 48	0 5	15 49	2 4	20 0	0 5	12 58	1 17	29 43	6 19	15 9	15 38	7 56		n.a.
T 8	5 11	4 3	2 11	7 42	0 26	11 34	0 3	24 52	1 41	23 48	0 5	15 48	2 4	19 59	0 5	12 57	1 17	29 43	6 18	15 10	15 39	7 53		n.a.
W 9	5 34	1n29	3 6	8 41	0 37	12 2	0 1	24 55	1 41	23 48	0 5	15 47	2 4	19 59	0 5	12 57	1 17	29 43	6 18	15 11	15 40	7 50		n.a.
T 10	5 56	7 2	3 52	9 39	0 47	12 30	0n 2	24 57	1 41	23 49	0 6	15 46	2 4	19 59	0 5	12 56	1 17	29 42	6 18	15 14	15 41	7 46		n.a.
F 11	6 19	12 22	4 29	10 36	0 57	12 58	0 4	25 0	1 40	23 49	0 6	15 45	2 4	19 58	0 5	12 56	1 17	29 42	6 18	15 17	15 42	7 43		n.a.
S 12	6 41	17 18	4 53	11 32	1 7	13 25	0 7	25 2	1 40	23 49	0 6	15 44	2 4	19 58	0 5	12 55	1 17	29 42	6 18	15 20	15 43	7 40		n.a.
S 13	7 4	21 35	5 4	12 25	1 17	13 53	0 10	25 4	1 40	23 49	0 6	15 43	2 4	19 57	0 5	12 54	1 17	29 42	6 18	15 24	15 44	7 36		n.a.
M14	7 26	24 56	5 0	13 17	1 26	14 19	0 12	25 6	1 39	23 49	0 6	15 42	2 4	19 57	0 5	12 54	1 17	29 42	6 18	15 26	15 45	7 33		n.a.
T 15	7 48	27 3	4 41	14 7	1 34	14 46	0 15	25 8	1 39	23 49	0 6	15 41	2 4	19 57	0 5	12 53	1 17	29 42	6 18	15 29	15 46	7 30		n.a.
W16	8 10	27 43	4 6	14 55	1 42	15 12	0 17	25 10	1 39	23 49	0 7	15 40	2 4	19 56	0 5	12 53	1 17	29 42	6 18	15 31	15 47	7 27		n.a.
T 17	8 32	26 47	3 18	15 41	1 50	15 38	0 20	25 11	1 38	23 49	0 7	15 39	2 4	19 56	0 5	12 52	1 17	29 42	6 18	15 31	15 48	7 23		n.a.
F 18	8 54	24 14	2 17	16 24	1 57	16 3	0 22	25 13	1 38	23 50	0 7	15 38	2 4	19 56	0 5	12 52	1 17	29 41	6 17	15 32	15 49	7 20		n.a.
S 19	9 15	20 13	1 8	17 5	2 3	16 28	0 25	25 14	1 38	23 50	0 7	15 37	2 5	19 55	0 5	12 51	1 17	29 41	6 17	15 32	15 50	7 17		n.a.
S 20	9 37	14 57	0s 8	17 44	2 8	16 53	0 28	25 15	1 37	23 50	0 7	15 36	2 5	19 55	0 5	12 51	1 17	29 41	6 17	15 31	15 50	7 14		n.a.
M21	9 58	8 47	1 24	18 20	2 13	17 17	0 30	25 16	1 37	23 50	0 7	15 35	2 5	19 54	0 5	12 50	1 17	29 41	6 17	15 32	15 51	7 10		n.a.
T 22	10 19	2 5	2 35	18 54	2 17	17 40	0 33	25 17	1 36	23 50	0 8	15 34	2 5	19 54	0 5	12 50	1 17	29 41	6 17	15 33	15 52	7 7		n.a.
W23	10 40	4s47	3 37	19 25	2 20	18 3	0 35	25 17	1 36	23 50	0 8	15 32	2 5	19 53	0 5	12 49	1 17	29 41	6 17	15 34	15 53	7 4		n.a.
T 24	11 1	11 23	4 23	19 54	2 22	18 26	0 38	25 18	1 36	23 50	0 8	15 31	2 5	19 53	0 5	12 49	1 17	29 41	6 17	15 37	15 54	7 1		n.a.
F 25	11 22	17 18	4 52	20 21	2 24	18 48	0 40	25 18	1 35	23 51	0 8	15 30	2 5	19 53	0 5	12 48	1 17	29 40	6 17	15 40	15 55	6 57		n.a.
S 26	11 42	22 7	5 2	20 45	2 25	19 10	0 43	25 18	1 35	23 51	0 8	15 29	2 5	19 52	0 5	12 48	1 18	29 40	6 17	15 43	15 56	6 54		n.a.
S 27	12 2	25 31	4 53	21 7	2 25	19 32	0 45	25 18	1 35	23 51	0 8	15 28	2 5	19 52	0 5	12 48	1 18	29 40	6 17	15 46	15 57	6 51		n.a.
M28	12 23	27 20	4 27	21 27	2 24	19 52	0 48	25 18	1 34	23 51	0 9	15 27	2 5	19 51	0 5	12 47	1 18	29 40	6 17	15 49	15 58	6 48		n.a.
T 29	12 42	27 31	3 48	21 44	2 22	20 13	0 50	25 18	1 34	23 51	0 9	15 26	2 5	19 51	0 5	12 47	1 18	29 40	6 16	15 51	15 59	6 44		n.a.
W30	13n 2	26s13	2s58	22n 0	2n20	20n32	0n52	25n17	1n34	23s51	0s 9	15s24	2n 5	19s50	0n 5	12s46	1s18	29n40	6n16	15s52	16s 0	6s41		n.a.

Julian Day Number = 1618512.5, Delta T = 03h48m57s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'39, Lahiri = - 7°50'39 Julian Calendar 1 Apr. 282 BCE == Greg. Calendar 28 March 282 BCE

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

MAY 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 16 15	5♉ 2'44	23♑39	28♉10	28♉ 3	1♋10	2°R18	17°R56	27°R49	0♓ 9	9♋16	17°R 9	16♒42	8♓41	n.a.	T 1
F 2	14 20 11	6° 0'05	5♒46	29°17	29°16	1°44	2♑17	17♏52	27♏47	0°10	9°17	17°D 9	16°39	8°47	n.a.	F 2
S 3	14 24 8	6°57'25	17°41	0♊20	0♊29	2°19	2°16	17°47	27°44	0°11	9°18	17°R 9	16°36	8°54	n.a.	S 3
S 4	14 28 4	7°54'44	29°30	1°19	1°42	2°54	2°14	17°43	27°42	0°12	9°19	17♒ 8	16°33	9° 1	n.a.	S 4
M 5	14 32 1	8°52'03	11♓18	2°15	2°55	3°29	2°12	17°39	27°40	0°13	9°20	17° 6	16°30	9° 7	n.a.	M 5
T 6	14 35 57	9°49'21	23° 9	3° 7	4° 7	4° 4	2°10	17°35	27°38	0°15	9°21	17° 2	16°27	9°14	n.a.	T 6
W 7	14 39 54	10°46'38	5♈ 8	3°55	5°20	4°39	2° 8	17°30	27°35	0°16	9°22	16°55	16°23	9°21	n.a.	W 7
T 8	14 43 50	11°43'54	17°18	4°40	6°33	5°14	2° 6	17°26	27°33	0°17	9°23	16°45	16°20	9°27	n.a.	T 8
F 9	14 47 47	12°41'10	29°41	5°20	7°45	5°50	2° 3	17°21	27°31	0°18	9°24	16°34	16°17	9°34	n.a.	F 9
S 10	14 51 44	13°38'26	12♉18	5°56	8°58	6°25	2° 1	17°17	27°28	0°18	9°25	16°21	16°14	9°40	n.a.	S 10
S 11	14 55 40	14°35'40	25° 8	6°27	10°11	7° 0	1°58	17°13	27°26	0°19	9°26	16° 8	16°11	9°47	n.a.	S 11
M12	14 59 37	15°32'55	8♊12	6°55	11°23	7°36	1°55	17° 8	27°24	0°20	9°27	15°56	16° 7	9°54	n.a.	M12
T 13	15 3 33	16°30'08	21°27	7°18	12°36	8°11	1°52	17° 4	27°21	0°21	9°28	15°46	16° 4	10° 0	n.a.	T 13
W14	15 7 30	17°27'20	4♋54	7°36	13°48	8°46	1°48	17° 0	27°19	0°22	9°29	15°40	16° 1	10° 7	n.a.	W14
T 15	15 11 26	18°24'32	18°31	7°50	15° 1	9°22	1°45	16°55	27°16	0°23	9°31	15°36	15°58	10°14	n.a.	T 15
F 16	15 15 23	19°21'43	2♌17	8° 0	16°13	9°57	1°41	16°51	27°14	0°24	9°32	15°34	15°55	10°20	n.a.	F 16
S 17	15 19 20	20°18'53	16°13	8° 5	17°25	10°33	1°37	16°46	27°12	0°24	9°33	15°34	15°52	10°27	n.a.	S 17
S 18	15 23 16	21°16'02	0♍19	8°R 5	18°38	11° 9	1°33	16°42	27° 9	0°25	9°34	15°33	15°48	10°34	n.a.	S 18
M19	15 27 13	22°13'11	14°33	8° 1	19°50	11°44	1°29	16°38	27° 7	0°26	9°36	15°32	15°45	10°40	n.a.	M19
T 20	15 31 9	23°10'19	28°54	7°53	21° 2	12°20	1°24	16°33	27° 4	0°26	9°37	15°29	15°42	10°47	n.a.	T 20
W21	15 35 6	24° 7'26	13♎19	7°40	22°15	12°56	1°20	16°29	27° 2	0°27	9°38	15°23	15°39	10°54	n.a.	W21
T 22	15 39 2	25° 4'32	27°43	7°23	23°27	13°32	1°15	16°25	26°59	0°27	9°40	15°14	15°36	11° 0	n.a.	T 22
F 23	15 42 59	26° 1'38	12♏ 1	7° 2	24°39	14° 7	1°10	16°20	26°57	0°28	9°41	15° 4	15°33	11° 7	n.a.	F 23
S 24	15 46 55	26°58'44	26° 7	6°38	25°51	14°43	1° 5	16°16	26°54	0°29	9°42	14°53	15°29	11°14	n.a.	S 24
S 25	15 50 52	27°55'50	9♐56	6°11	27° 3	15°19	1° 0	16°12	26°52	0°29	9°44	14°42	15°26	11°20	n.a.	S 25
M26	15 54 49	28°52'55	23°24	5°41	28°15	15°55	0°54	16° 8	26°50	0°29	9°45	14°32	15°23	11°27	n.a.	M26
T 27	15 58 45	29°50'01	6♑29	5° 8	29°27	16°31	0°49	16° 3	26°47	0°30	9°46	14°25	15°20	11°34	n.a.	T 27
W28	16 2 42	0♊47'06	19°12	4°34	0♋39	17° 7	0°43	15°59	26°45	0°30	9°48	14°20	15°17	11°40	n.a.	W28
T 29	16 6 38	1°44'12	1♒36	3°59	1°51	17°44	0°38	15°55	26°42	0°31	9°49	14°18	15°13	11°47	n.a.	T 29
F 30	16 10 35	2°41'18	13°44	3°23	3° 3	18°20	0°32	15°51	26°40	0°31	9°51	14°D17	15°10	11°54	n.a.	F 30
S 31	16 14 31	3♊38'23	25♒40	2♊47	4♋15	18♋56	0♑26	15♏47	26♏37	0♓31	9♋52	14♒17	15♒ 7	12♓ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n22	23s37	2s 1	22n13	2n17	20n51	0n55	25n17	1n33	23s52	0s 9	15s23	2n 5	19s50	0n 5	12s46	1s18	29n40	6n16	15s53	16s 1	6s38		n.a.
F 2	13 41	20 2	1 0	22 24	2 13	21 10	0 57	25 16	1 33	23 52	0 9	15 22	2 5	19 49	0 5	12 46	1 18	29 39	6 16	15 53	16 2	6 34		n.a.
S 3	14 0	15 40	0n 3	22 33	2 8	21 28	0 59	25 15	1 33	23 52	0 9	15 21	2 5	19 49	0 5	12 45	1 18	29 39	6 16	15 53	16 3	6 31		n.a.
S 4	14 19	10 46	1 5	22 40	2 2	21 46	1 2	25 14	1 32	23 52	0 10	15 20	2 5	19 48	0 5	12 45	1 18	29 39	6 16	15 53	16 4	6 28		n.a.
M 5	14 38	5 30	2 4	22 45	1 55	22 2	1 4	25 13	1 32	23 52	0 10	15 19	2 5	19 48	0 5	12 45	1 18	29 39	6 16	15 54	16 5	6 25		n.a.
T 6	14 56	0 1	2 58	22 48	1 48	22 19	1 6	25 12	1 32	23 53	0 10	15 17	2 5	19 47	0 5	12 44	1 18	29 39	6 16	15 55	16 6	6 21		n.a.
W 7	15 14	5n30	3 45	22 49	1 40	22 34	1 8	25 10	1 31	23 53	0 10	15 16	2 5	19 47	0 5	12 44	1 18	29 39	6 16	15 57	16 7	6 18		n.a.
T 8	15 32	10 54	4 22	22 49	1 31	22 49	1 11	25 8	1 31	23 53	0 10	15 15	2 5	19 46	0 5	12 44	1 18	29 38	6 16	16 0	16 8	6 15		n.a.
F 9	15 50	15 58	4 47	22 46	1 21	23 4	1 13	25 6	1 30	23 53	0 10	15 14	2 5	19 46	0 5	12 43	1 18	29 38	6 16	16 4	16 9	6 12		n.a.
S 10	16 8	20 27	4 59	22 43	1 10	23 18	1 15	25 4	1 30	23 54	0 11	15 13	2 4	19 45	0 5	12 43	1 18	29 38	6 16	16 8	16 10	6 8		n.a.
S 11	16 25	24 4	4 56	22 37	0 59	23 31	1 17	25 2	1 30	23 54	0 11	15 11	2 4	19 45	0 5	12 43	1 18	29 38	6 16	16 12	16 11	6 5		n.a.
M12	16 42	26 31	4 38	22 30	0 47	23 43	1 19	25 0	1 29	23 54	0 11	15 10	2 4	19 44	0 5	12 42	1 18	29 38	6 16	16 15	16 12	6 2		n.a.
T 13	16 58	27 31	4 5	22 21	0 34	23 55	1 21	24 57	1 29	23 54	0 11	15 9	2 4	19 44	0 5	12 42	1 18	29 38	6 15	16 18	16 13	5 58		n.a.
W14	17 15	26 55	3 17	22 11	0 20	24 6	1 22	24 55	1 29	23 54	0 11	15 8	2 4	19 43	0 5	12 42	1 18	29 38	6 15	16 20	16 14	5 55		n.a.
T 15	17 31	24 42	2 18	21 59	0 6	24 16	1 24	24 52	1 28	23 55	0 11	15 7	2 4	19 42	0 5	12 42	1 18	29 37	6 15	16 21	16 15	5 52		n.a.
F 16	17 47	21 1	1 10	21 46	0s 9	24 26	1 26	24 49	1 28	23 55	0 12	15 5	2 4	19 42	0 5	12 41	1 19	29 37	6 15	16 22	16 16	5 49		n.a.
S 17	18 2	16 7	0s 4	21 32	0 24	24 35	1 28	24 46	1 27	23 55	0 12	15 4	2 4	19 41	0 5	12 41	1 19	29 37	6 15	16 22	16 17	5 45		n.a.
S 18	18 18	10 18	1 17	21 16	0 40	24 43	1 29	24 42	1 27	23 55	0 12	15 3	2 4	19 41	0 5	12 41	1 19	29 37	6 15	16 22	16 18	5 42		n.a.
M19	18 33	3 54	2 27	20 59	0 56	24 51	1 31	24 39	1 27	23 56	0 12	15 2	2 4	19 40	0 5	12 41	1 19	29 37	6 15	16 22	16 18	5 39		n.a.
T 20	18 48	2s44	3 28	20 42	1 12	24 58	1 33	24 35	1 26	23 56	0 12	15 1	2 4	19 40	0 5	12 41	1 19	29 37	6 15	16 23	16 19	5 35		n.a.
W21	19 2	9 14	4 16	20 24	1 29	25 4	1 34	24 31	1 26	23 56	0 13	15 0	2 4	19 39	0 5	12 40	1 19	29 37	6 15	16 25	16 20	5 32		n.a.
T 22	19 16	15 15	4 47	20 4	1 45	25 9	1 35	24 27	1 26	23 56	0 13	14 58	2 4	19 39	0 5	12 40	1 19	29 36	6 15	16 28	16 21	5 29		n.a.
F 23	19 30	20 23	5 1	19 45	2 2	25 14	1 37	24 23	1 25	23 56	0 13	14 57	2 4	19 38	0 5	12 40	1 19	29 36	6 15	16 31	16 22	5 26		n.a.
S 24	19 43	24 18	4 55	19 25	2 18	25 18	1 38	24 19	1 25	23 57	0 13	14 56	2 3	19 37	0 5	12 40	1 19	29 36	6 15	16 34	16 23	5 22		n.a.
S 25	19 56	26 42	4 33	19 4	2 34	25 21	1 39	24 14	1 24	23 57	0 13	14 55	2 3	19 37	0 5	12 40	1 19	29 36	6 15	16 37	16 24	5 19		n.a.
M26	20 9	27 29	3 55	18 44	2 49	25 24	1 41	24 9	1 24	23 57	0 13	14 54	2 3	19 36	0 5	12 40	1 19	29 36	6 15	16 40	16 25	5 16		n.a.
T 27	20 22	26 40	3 6	18 24	3 4	25 25	1 42	24 5	1 24	23 57	0 14	14 53	2 3	19 36	0 5	12 40	1 19	29 36	6 15	16 42	16 26	5 13		n.a.
W28	20 34	24 28	2 9	18 4	3 18	25 26	1 43	24 0	1 23	23 58	0 14	14 52	2 3	19 35	0 5	12 40	1 19	29 35	6 15	16 44	16 27	5 9		n.a.
T 29	20 46	21 8	1 7	17 45	3 31	25 27	1 44	23 55	1 23	23 58	0 14	14 51	2 3	19 35	0 5	12 40	1 19	29 35	6 15	16 45	16 28	5 6		n.a.
F 30	20 57	16 57	0 3	17 27	3 42	25 26	1 45	23 49	1 22	23 58	0 14	14 50	2 3	19 34	0 5	12 40	1 19	29 35	6 15	16 45	16 29	5 3		n.a.
S 31	21n 8	12s11	1n 0	17n10	3s53	25n25	1n45	23n44	1n22	23s58	0s14	14s48	2n 3	19s33	0n 5	12s39	1s19	29n35	6n15	16s45	16s30	4s59		n.a.

Julian Day Number = 1618542.5, Delta T = 03h48m56s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'35, Lahiri = - 7°50'35 Julian Calendar 1 May 282 BCE == Greg. Calendar 27 Apr. 282 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

JUNE 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 18 28	4♊35'29	7♓30	2°R12	5♋27	19♋32	0°R20	15°R43	26°R35	0♓31	9♋54	14°R17	15♒ 4	12♓ 7	n.a.	S 1
M 2	16 22 24	5°32'36	19°20	1♊38	6°39	20° 8	0♉13	15♏39	26♏33	0°32	9°55	14♒16	15° 1	12°14	n.a.	M 2
T 3	16 26 21	6°29'42	1♈14	1° 6	7°51	20°45	0° 7	15°35	26°30	0°32	9°57	14°14	14°58	12°20	n.a.	T 3
W 4	16 30 18	7°26'49	13°17	0°36	9° 2	21°21	0° 0	15°31	26°28	0°32	9°58	14° 8	14°54	12°27	n.a.	W 4
T 5	16 34 14	8°23'57	25°34	0° 9	10°14	21°58	29♐54	15°27	26°25	0°32	10° 0	14° 1	14°51	12°34	n.a.	T 5
F 6	16 38 11	9°21'04	8♉ 6	29♉46	11°26	22°34	29°47	15°23	26°23	0°32	10° 1	13°52	14°48	12°40	n.a.	F 6
S 7	16 42 7	10°18'12	20°57	29°26	12°37	23°11	29°40	15°19	26°21	0°32	10° 3	13°41	14°45	12°47	n.a.	S 7
S 8	16 46 4	11°15'21	4♊ 5	29°11	13°49	23°47	29°33	15°16	26°18	0°R32	10° 5	13°31	14°42	12°54	n.a.	S 8
M 9	16 50 0	12°12'30	17°29	29° 0	15° 1	24°24	29°26	15°12	26°16	0°32	10° 6	13°21	14°39	13° 0	n.a.	M 9
T 10	16 53 57	13° 9'39	1♋ 9	28°54	16°12	25° 1	29°19	15° 8	26°14	0°32	10° 8	13°13	14°35	13° 7	n.a.	T 10
W11	16 57 54	14° 6'48	14°59	28°D53	17°24	25°37	29°12	15° 5	26°11	0°32	10°10	13° 8	14°32	13°14	n.a.	W11
T 12	17 1 50	15° 3'58	28°58	28°57	18°35	26°14	29° 5	15° 1	26° 9	0°32	10°11	13° 5	14°29	13°20	n.a.	T 12
F 13	17 5 47	16° 1'07	13♌ 2	29° 7	19°46	26°51	28°57	14°58	26° 7	0°32	10°13	13°D 4	14°26	13°27	n.a.	F 13
S 14	17 9 43	16°58'17	27° 9	29°21	20°58	27°28	28°50	14°54	26° 5	0°32	10°14	13° 4	14°23	13°34	n.a.	S 14
S 15	17 13 40	17°55'27	11♍19	29°42	22° 9	28° 5	28°43	14°51	26° 2	0°32	10°16	13°R 5	14°19	13°40	n.a.	S 15
M16	17 17 36	18°52'37	25°28	0♊ 7	23°20	28°42	28°35	14°48	26° 0	0°31	10°18	13° 5	14°16	13°47	n.a.	M16
T 17	17 21 33	19°49'47	9♎37	0°38	24°31	29°19	28°27	14°45	25°58	0°31	10°19	13° 3	14°13	13°54	n.a.	T 17
W18	17 25 29	20°46'58	23°42	1°15	25°42	29°56	28°20	14°41	25°56	0°31	10°21	13° 0	14°10	14° 0	n.a.	W18
T 19	17 29 26	21°44'09	7♏42	1°56	26°53	0♌33	28°12	14°38	25°54	0°30	10°23	12°54	14° 7	14° 7	n.a.	T 19
F 20	17 33 23	22°41'20	21°34	2°44	28° 4	1°10	28° 5	14°35	25°52	0°30	10°25	12°47	14° 4	14°14	n.a.	F 20
S 21	17 37 19	23°38'32	5♐14	3°36	29°15	1°47	27°57	14°32	25°50	0°30	10°26	12°39	14° 0	14°20	n.a.	S 21
S 22	17 41 16	24°35'45	18°40	4°34	0♌26	2°24	27°49	14°30	25°48	0°29	10°28	12°31	13°57	14°27	n.a.	S 22
M23	17 45 12	25°32'58	1♑49	5°37	1°37	3° 2	27°41	14°27	25°46	0°29	10°30	12°24	13°54	14°34	n.a.	M23
T 24	17 49 9	26°30'12	14°41	6°45	2°48	3°39	27°34	14°24	25°44	0°28	10°31	12°19	13°51	14°40	n.a.	T 24
W25	17 53 5	27°27'27	27°15	7°58	3°58	4°16	27°26	14°22	25°42	0°28	10°33	12°16	13°48	14°47	n.a.	W25
T 26	17 57 2	28°24'43	9♒34	9°16	5° 9	4°54	27°18	14°19	25°40	0°27	10°35	12°D15	13°45	14°54	n.a.	T 26
F 27	18 0 59	29°21'59	21°39	10°38	6°20	5°31	27°10	14°17	25°38	0°27	10°37	12°15	13°41	15° 0	n.a.	F 27
S 28	18 4 55	0♋19'17	3♓34	12° 6	7°30	6° 8	27° 3	14°14	25°36	0°26	10°39	12°16	13°38	15° 7	n.a.	S 28
S 29	18 8 52	1°16'36	15°25	13°37	8°41	6°46	26°55	14°12	25°34	0°25	10°40	12°18	13°35	15°14	n.a.	S 29
M30	18 12 48	2♋13'56	27♓15	15♊13	9♌51	7♌24	26♐47	14♏10	25♏32	0♓25	10♋42	12°R19	13♒32	15♓20	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n19	7s 0	2n 0	16n54	4s 2	25n23	1n46	23n38	1n22	23s58	0s15	14s47	2n 3	19s33	0n 5	12s39	1s19	29n35	6n15	16s45	16s31	4s56		n.a.
M 2	21 29	1 36	2 55	16 40	4 10	25 20	1 47	23 32	1 21	23 59	0 15	14 46	2 2	19 32	0 5	12 39	1 19	29 35	6 15	16 45	16 32	4 53		n.a.
T 3	21 39	3n54	3 43	16 27	4 16	25 17	1 47	23 26	1 21	23 59	0 15	14 45	2 2	19 32	0 5	12 39	1 19	29 35	6 15	16 46	16 33	4 50		n.a.
W 4	21 49	9 18	4 21	16 16	4 21	25 13	1 48	23 20	1 20	23 59	0 15	14 44	2 2	19 31	0 5	12 39	1 20	29 34	6 15	16 47	16 34	4 46		n.a.
T 5	21 58	14 27	4 48	16 7	4 25	25 8	1 48	23 14	1 20	23 59	0 15	14 43	2 2	19 31	0 5	12 39	1 20	29 34	6 14	16 49	16 35	4 43		n.a.
F 6	22 7	19 8	5 2	16 0	4 27	25 2	1 49	23 8	1 20	23 59	0 15	14 42	2 2	19 30	0 5	12 39	1 20	29 34	6 14	16 52	16 36	4 40		n.a.
S 7	22 16	23 2	5 1	15 56	4 27	24 56	1 49	23 1	1 19	23 59	0 16	14 41	2 2	19 30	0 5	12 39	1 20	29 34	6 14	16 55	16 36	4 36		n.a.
S 8	22 24	25 52	4 44	15 54	4 26	24 49	1 49	22 54	1 19	24 0	0 16	14 40	2 2	19 29	0 5	12 39	1 20	29 34	6 14	16 58	16 37	4 33		n.a.
M 9	22 32	27 19	4 12	15 54	4 24	24 41	1 49	22 47	1 18	24 0	0 16	14 40	2 1	19 29	0 5	12 40	1 20	29 34	6 14	17 1	16 38	4 30		n.a.
T 10	22 39	27 8	3 24	15 56	4 20	24 33	1 49	22 40	1 18	24 0	0 16	14 39	2 1	19 28	0 5	12 40	1 20	29 34	6 14	17 3	16 39	4 26		n.a.
W11	22 46	25 16	2 24	16 0	4 15	24 23	1 49	22 33	1 18	24 0	0 16	14 38	2 1	19 27	0 5	12 40	1 20	29 33	6 14	17 5	16 40	4 23		n.a.
T 12	22 53	21 50	1 15	16 7	4 9	24 13	1 49	22 25	1 17	24 0	0 16	14 37	2 1	19 27	0 5	12 40	1 20	29 33	6 14	17 6	16 41	4 20		n.a.
F 13	22 59	17 7	0 0	16 16	4 2	24 3	1 49	22 18	1 17	24 0	0 17	14 36	2 1	19 26	0 5	12 40	1 20	29 33	6 14	17 6	16 42	4 17		n.a.
S 14	23 5	11 26	1s15	16 28	3 53	23 52	1 49	22 10	1 16	24 0	0 17	14 35	2 1	19 26	0 5	12 40	1 20	29 33	6 14	17 6	16 43	4 13		n.a.
S 15	23 10	5 10	2 26	16 41	3 44	23 40	1 48	22 2	1 16	24 0	0 17	14 34	2 0	19 25	0 5	12 40	1 20	29 33	6 14	17 6	16 44	4 10		n.a.
M16	23 16	1s21	3 27	16 56	3 34	23 27	1 48	21 54	1 16	24 1	0 17	14 34	2 0	19 25	0 5	12 40	1 20	29 33	6 14	17 6	16 45	4 7		n.a.
T 17	23 20	7 46	4 16	17 13	3 24	23 14	1 47	21 46	1 15	24 1	0 17	14 33	2 0	19 24	0 5	12 40	1 20	29 33	6 14	17 6	16 46	4 3		n.a.
W18	23 24	13 47	4 50	17 31	3 12	23 0	1 46	21 38	1 15	24 1	0 17	14 32	2 0	19 24	0 5	12 41	1 20	29 33	6 14	17 7	16 47	4 0		n.a.
T 19	23 28	19 3	5 5	17 51	3 1	22 46	1 46	21 29	1 14	24 1	0 18	14 31	2 0	19 23	0 5	12 41	1 20	29 32	6 15	17 9	16 48	3 57		n.a.
F 20	23 32	23 15	5 3	18 13	2 48	22 31	1 45	21 21	1 14	24 1	0 18	14 31	1 59	19 23	0 5	12 41	1 20	29 32	6 15	17 11	16 49	3 54		n.a.
S 21	23 35	26 5	4 44	18 35	2 35	22 15	1 44	21 12	1 14	24 1	0 18	14 30	1 59	19 22	0 5	12 41	1 20	29 32	6 15	17 13	16 50	3 50		n.a.
S 22	23 37	27 22	4 8	18 59	2 22	21 59	1 43	21 3	1 13	24 1	0 18	14 29	1 59	19 22	0 5	12 41	1 20	29 32	6 15	17 15	16 50	3 47		n.a.
M23	23 39	27 4	3 21	19 24	2 9	21 42	1 42	20 54	1 13	24 1	0 18	14 29	1 59	19 21	0 5	12 41	1 21	29 32	6 15	17 17	16 51	3 44		n.a.
T 24	23 41	25 17	2 23	19 49	1 55	21 24	1 41	20 45	1 12	24 1	0 18	14 28	1 59	19 21	0 5	12 42	1 21	29 32	6 15	17 19	16 52	3 40		n.a.
W25	23 42	22 16	1 20	20 15	1 41	21 6	1 39	20 35	1 12	24 1	0 19	14 27	1 58	19 20	0 5	12 42	1 21	29 32	6 15	17 20	16 53	3 37		n.a.
T 26	23 43	18 19	0 15	20 40	1 27	20 48	1 38	20 26	1 11	24 1	0 19	14 27	1 58	19 20	0 5	12 42	1 21	29 32	6 15	17 20	16 54	3 34		n.a.
F 27	23 44	13 40	0n51	21 6	1 13	20 29	1 37	20 16	1 11	24 1	0 19	14 26	1 58	19 20	0 5	12 42	1 21	29 31	6 15	17 20	16 55	3 31		n.a.
S 28	23 44	8 34	1 53	21 32	0 59	20 9	1 35	20 6	1 11	24 1	0 19	14 26	1 58	19 19	0 5	12 43	1 21	29 31	6 15	17 20	16 56	3 27		n.a.
S 29	23 43	3 12	2 50	21 57	0 46	19 49	1 33	19 56	1 10	24 1	0 19	14 25	1 58	19 19	0 5	12 43	1 21	29 31	6 15	17 19	16 57	3 24		n.a.
M30	23n43	2n15	3n40	22n22	0s32	19n28	1n32	19n46	1n10	24s 1	0s19	14s25	1n57	19s18	0n 5	12s43	1s21	29n31	6n15	17s19	16s58	3s21		n.a.

Julian Day Number = 1618573.5, Delta T = 03h48m55s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'31, Lahiri = - 7°50'30 Julian Calendar 1 June 282 BCE == Greg. Calendar 28 May 282 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

JULY 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 16 45	3♋11'18	9♈10	16♊53	11♌ 1	8♌ 1	26°R39	14°R 7	25°R30	0°R24	10♋44	12°R19	13♒29	15♓27	n.a.	T 1
W 2	18 20 41	4° 8'40	21°15	18°37	12°12	8°39	26♐32	14♏ 5	25♏29	0♓23	10°46	12♒17	13°25	15°34	n.a.	W 2
T 3	18 24 38	5° 6'04	3♉34	20°24	13°22	9°16	26°24	14° 3	25°27	0°22	10°47	12°14	13°22	15°40	n.a.	T 3
F 4	18 28 34	6° 3'29	16°11	22°14	14°32	9°54	26°17	14° 2	25°25	0°22	10°49	12°10	13°19	15°47	n.a.	F 4
S 5	18 32 31	7° 0'56	29° 9	24° 7	15°42	10°32	26° 9	14° 0	25°24	0°21	10°51	12° 4	13°16	15°54	n.a.	S 5
S 6	18 36 28	7°58'24	12♊28	26° 3	16°52	11°10	26° 2	13°58	25°22	0°20	10°53	11°59	13°13	16° 0	n.a.	S 6
M 7	18 40 24	8°55'53	26° 9	28° 0	18° 2	11°48	25°54	13°56	25°21	0°19	10°55	11°54	13°10	16° 7	n.a.	M 7
T 8	18 44 21	9°53'24	10♋ 9	29°59	19°12	12°26	25°47	13°55	25°19	0°18	10°56	11°50	13° 6	16°14	n.a.	T 8
W 9	18 48 17	10°50'56	24°24	2♋ 1	20°21	13° 4	25°40	13°53	25°18	0°17	10°58	11°47	13° 3	16°20	n.a.	W 9
T 10	18 52 14	11°48'29	8♌48	4° 3	21°31	13°42	25°32	13°52	25°16	0°16	11° 0	11°D46	13° 0	16°27	n.a.	T 10
F 11	18 56 10	12°46'03	23°17	6° 6	22°41	14°20	25°25	13°51	25°15	0°15	11° 2	11°47	12°57	16°34	n.a.	F 11
S 12	19 0 7	13°43'38	7♍46	8° 9	23°50	14°58	25°18	13°50	25°13	0°14	11° 3	11°48	12°54	16°40	n.a.	S 12
S 13	19 4 3	14°41'14	22°10	10°12	25° 0	15°36	25°11	13°49	25°12	0°13	11° 5	11°49	12°51	16°47	n.a.	S 13
M14	19 8 0	15°38'51	6♎26	12°15	26° 9	16°14	25° 5	13°48	25°11	0°12	11° 7	11°50	12°47	16°54	n.a.	M14
T 15	19 11 57	16°36'29	20°32	14°18	27°18	16°52	24°58	13°47	25°10	0°11	11° 9	11°R50	12°44	17° 0	n.a.	T 15
W16	19 15 53	17°34'08	4♏27	16°20	28°27	17°31	24°51	13°46	25° 8	0°10	11°11	11°50	12°41	17° 7	n.a.	W16
T 17	19 19 50	18°31'48	18° 9	18°21	29°36	18° 9	24°45	13°45	25° 7	0° 9	11°12	11°48	12°38	17°14	n.a.	T 17
F 18	19 23 46	19°29'30	1♐38	20°22	0♍45	18°48	24°38	13°45	25° 6	0° 8	11°14	11°45	12°35	17°20	n.a.	F 18
S 19	19 27 43	20°27'13	14°54	22°21	1°54	19°26	24°32	13°44	25° 5	0° 7	11°16	11°42	12°31	17°27	n.a.	S 19
S 20	19 31 39	21°24'57	27°56	24°19	3° 3	20° 4	24°26	13°44	25° 4	0° 6	11°18	11°39	12°28	17°34	n.a.	S 20
M21	19 35 36	22°22'43	10♑43	26°17	4°12	20°43	24°20	13°43	25° 3	0° 4	11°19	11°36	12°25	17°40	n.a.	M21
T 22	19 39 32	23°20'30	23°17	28°13	5°20	21°21	24°14	13°43	25° 2	0° 3	11°21	11°34	12°22	17°47	n.a.	T 22
W23	19 43 29	24°18'19	5♒38	0♌ 8	6°29	22° 0	24° 8	13°43	25° 1	0° 2	11°23	11°D34	12°19	17°54	n.a.	W23
T 24	19 47 26	25°16'09	17°47	2° 1	7°37	22°39	24° 2	13°D43	25° 1	0° 1	11°25	11°34	12°16	18° 0	n.a.	T 24
F 25	19 51 22	26°14'01	29°47	3°53	8°45	23°17	23°57	13°43	25° 0	29♒59	11°26	11°34	12°12	18° 7	n.a.	F 25
S 26	19 55 19	27°11'55	11♓41	5°44	9°53	23°56	23°52	13°43	24°59	29°58	11°28	11°35	12° 9	18°14	n.a.	S 26
S 27	19 59 15	28° 9'51	23°30	7°34	11° 1	24°35	23°46	13°43	24°58	29°57	11°30	11°37	12° 6	18°20	n.a.	S 27
M28	20 3 12	29° 7'48	5♈20	9°22	12° 9	25°14	23°41	13°44	24°58	29°55	11°32	11°38	12° 3	18°27	n.a.	M28
T 29	20 7 8	0♌ 5'47	17°14	11° 9	13°17	25°53	23°36	13°44	24°57	29°54	11°33	11°39	12° 0	18°34	n.a.	T 29
W30	20 11 5	1° 3'49	29°18	12°55	14°25	26°32	23°32	13°45	24°57	29°52	11°35	11°R39	11°57	18°40	n.a.	W30
T 31	20 15 1	2♌ 1'52	11♉36	14♌39	15♍32	27♌11	23♐27	13♏45	24♏56	29♒51	11♋37	11♒39	11♒53	18♓47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n42	7n40	4n21	22n45	0s19	19n 7	1n30	19n36	1n 9	24s 1	0s20	14s24	1n57	19s18	0n 5	12s44	1s21	29n31	6n15	17s19	16s59	3s17			n.a.
W 2	23 40	12 52	4 51	23 8	0 7	18 45	1 28	19 26	1 9	24 1	0 20	14 24	1 57	19 17	0 5	12 44	1 21	29 31	6 15	17 19	17 0	3 14			n.a.
T 3	23 38	17 40	5 8	23 28	0n 6	18 23	1 26	19 15	1 8	24 1	0 20	14 24	1 57	19 17	0 5	12 44	1 21	29 31	6 15	17 20	17 1	3 11			n.a.
F 4	23 35	21 49	5 10	23 47	0 17	18 0	1 24	19 4	1 8	24 1	0 20	14 23	1 57	19 17	0 5	12 44	1 21	29 31	6 15	17 21	17 2	3 8			n.a.
S 5	23 33	25 3	4 58	24 4	0 29	17 37	1 22	18 54	1 8	24 1	0 20	14 23	1 56	19 16	0 4	12 45	1 21	29 31	6 15	17 23	17 2	3 4			n.a.
S 6	23 29	27 0	4 29	24 19	0 39	17 14	1 19	18 43	1 7	24 0	0 20	14 23	1 56	19 16	0 4	12 45	1 21	29 31	6 15	17 24	17 3	3 1			n.a.
M 7	23 26	27 24	3 44	24 32	0 49	16 50	1 17	18 31	1 7	24 0	0 20	14 22	1 56	19 16	0 4	12 46	1 21	29 30	6 15	17 26	17 4	2 58			n.a.
T 8	23 21	26 4	2 44	24 42	0 58	16 26	1 14	18 20	1 6	24 0	0 21	14 22	1 56	19 15	0 4	12 46	1 21	29 30	6 15	17 27	17 5	2 54			n.a.
W 9	23 17	23 2	1 34	24 49	1 6	16 1	1 12	18 9	1 6	24 0	0 21	14 22	1 55	19 15	0 4	12 46	1 21	29 30	6 15	17 28	17 6	2 51			n.a.
T 10	23 12	18 32	0 16	24 54	1 14	15 36	1 9	17 57	1 5	24 0	0 21	14 22	1 55	19 15	0 4	12 47	1 21	29 30	6 15	17 28	17 7	2 48			n.a.
F 11	23 7	12 56	1s 3	24 56	1 21	15 10	1 7	17 46	1 5	24 0	0 21	14 22	1 55	19 14	0 4	12 47	1 21	29 30	6 16	17 28	17 8	2 45			n.a.
S 12	23 1	6 38	2 18	24 55	1 27	14 44	1 4	17 34	1 4	24 0	0 21	14 22	1 55	19 14	0 4	12 47	1 21	29 30	6 16	17 28	17 9	2 41			n.a.
S 13	22 55	0 2	3 24	24 52	1 32	14 18	1 1	17 22	1 4	24 0	0 21	14 21	1 55	19 14	0 4	12 48	1 21	29 30	6 16	17 27	17 10	2 38			n.a.
M14	22 48	6s30	4 16	24 45	1 36	13 52	0 58	17 10	1 3	24 0	0 21	14 21	1 54	19 13	0 4	12 48	1 22	29 30	6 16	17 27	17 11	2 35			n.a.
T 15	22 41	12 38	4 53	24 37	1 40	13 25	0 55	16 58	1 3	23 59	0 21	14 21	1 54	19 13	0 4	12 49	1 22	29 30	6 16	17 27	17 12	2 31			n.a.
W16	22 34	18 2	5 12	24 25	1 43	12 58	0 52	16 46	1 3	23 59	0 22	14 21	1 54	19 13	0 4	12 49	1 22	29 30	6 16	17 27	17 12	2 28			n.a.
T 17	22 26	22 26	5 12	24 11	1 45	12 30	0 48	16 33	1 2	23 59	0 22	14 21	1 54	19 12	0 4	12 50	1 22	29 30	6 16	17 28	17 13	2 25			n.a.
F 18	22 18	25 34	4 56	23 55	1 46	12 2	0 45	16 21	1 2	23 59	0 22	14 21	1 53	19 12	0 4	12 50	1 22	29 30	6 16	17 28	17 14	2 22			n.a.
S 19	22 9	27 14	4 23	23 37	1 47	11 34	0 42	16 8	1 1	23 59	0 22	14 21	1 53	19 12	0 4	12 50	1 22	29 30	6 16	17 29	17 15	2 18			n.a.
S 20	22 0	27 21	3 38	23 16	1 47	11 6	0 38	15 56	1 1	23 59	0 22	14 21	1 53	19 12	0 4	12 51	1 22	29 30	6 16	17 30	17 16	2 15			n.a.
M21	21 51	25 59	2 42	22 54	1 47	10 38	0 35	15 43	1 0	23 59	0 22	14 22	1 53	19 12	0 4	12 51	1 22	29 29	6 16	17 31	17 17	2 12			n.a.
T 22	21 41	23 19	1 39	22 30	1 46	10 9	0 31	15 30	1 0	23 58	0 22	14 22	1 52	19 11	0 4	12 52	1 22	29 29	6 17	17 31	17 18	2 8			n.a.
W23	21 31	19 37	0 33	22 4	1 44	9 40	0 27	15 17	0 59	23 58	0 22	14 22	1 52	19 11	0 4	12 52	1 22	29 29	6 17	17 32	17 19	2 5			n.a.
T 24	21 21	15 8	0n34	21 36	1 42	9 11	0 24	15 4	0 59	23 58	0 23	14 22	1 52	19 11	0 4	12 53	1 22	29 29	6 17	17 32	17 20	2 2			n.a.
F 25	21 10	10 8	1 39	21 8	1 39	8 41	0 20	14 50	0 58	23 58	0 23	14 22	1 52	19 11	0 4	12 53	1 22	29 29	6 17	17 31	17 21	1 59			n.a.
S 26	20 58	4 49	2 39	20 37	1 36	8 12	0 16	14 37	0 58	23 58	0 23	14 23	1 51	19 11	0 4	12 54	1 22	29 29	6 17	17 31	17 22	1 55			n.a.
S 27	20 47	0n38	3 32	20 6	1 33	7 42	0 12	14 23	0 57	23 58	0 23	14 23	1 51	19 10	0 4	12 54	1 22	29 29	6 17	17 31	17 22	1 52			n.a.
M28	20 35	6 3	4 16	19 33	1 29	7 12	0 8	14 10	0 57	23 58	0 23	14 23	1 51	19 10	0 4	12 55	1 22	29 29	6 17	17 30	17 23	1 49			n.a.
T 29	20 23	11 17	4 49	19 0	1 25	6 42	0 3	13 56	0 56	23 57	0 23	14 24	1 51	19 10	0 4	12 55	1 22	29 29	6 17	17 30	17 24	1 45			n.a.
W30	20 10	16 10	5 10	18 25	1 20	6 12	0s 1	13 42	0 56	23 57	0 23	14 24	1 50	19 10	0 4	12 56	1 22	29 29	6 17	17 30	17 25	1 42			n.a.
T 31	19n57	20n30	5n17	17n50	1n15	5n41	0s 5	13n28	0n56	23s57	0s23	14s25	1n50	19s10	0n 4	12s56	1s22	29n29	6n18	17s30	17s26	1s39			n.a.

Julian Day Number = 1618603.5, Delta T = 03h48m54s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'27, Lahiri = - 7°50'26 Julian Calendar 1 July 282 BCE == Greg. Calendar 27 June 282 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

AUGUST 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 18 58	2♌59'58	24♉11	16♌22	16♍40	27♌50	23°R23	13♏46	24°R56	29°R50	11♋38	11°R38	11♒50	18♓54	n.a.	F 1
S 2	20 22 55	3°58'06	7♊ 9	18° 4	17°47	28°29	23♐19	13°47	24♏55	29♒48	11°40	11♒38	11°47	19° 0	n.a.	S 2
S 3	20 26 51	4°56'15	20°31	19°45	18°54	29° 8	23°14	13°48	24°55	29°47	11°42	11°37	11°44	19° 7	n.a.	S 3
M 4	20 30 48	5°54'27	4♋18	21°24	20° 1	29°47	23°11	13°49	24°55	29°45	11°44	11°36	11°41	19°14	n.a.	M 4
T 5	20 34 44	6°52'41	18°29	23° 2	21° 8	0♍26	23° 7	13°50	24°55	29°44	11°45	11°35	11°37	19°20	n.a.	T 5
W 6	20 38 41	7°50'57	3♌ 0	24°39	22°15	1° 6	23° 3	13°51	24°54	29°42	11°47	11°35	11°34	19°27	n.a.	W 6
T 7	20 42 37	8°49'15	17°46	26°15	23°21	1°45	23° 0	13°53	24°54	29°41	11°48	11°D35	11°31	19°34	n.a.	T 7
F 8	20 46 34	9°47'34	2♍40	27°50	24°28	2°24	22°57	13°54	24°54	29°39	11°50	11°35	11°28	19°41	n.a.	F 8
S 9	20 50 30	10°45'55	17°34	29°23	25°34	3° 4	22°54	13°55	24°D54	29°38	11°52	11°35	11°25	19°47	n.a.	S 9
S 10	20 54 27	11°44'18	2♎20	0♍55	26°40	3°43	22°51	13°57	24°54	29°36	11°53	11°R35	11°22	19°54	n.a.	S 10
M11	20 58 24	12°42'43	16°52	2°26	27°46	4°23	22°48	13°59	24°54	29°35	11°55	11°35	11°18	20° 1	n.a.	M11
T 12	21 2 20	13°41'09	1♏ 7	3°56	28°52	5° 2	22°46	14° 1	24°54	29°33	11°56	11°35	11°15	20° 7	n.a.	T 12
W13	21 6 17	14°39'37	15° 1	5°25	29°57	5°42	22°44	14° 2	24°55	29°31	11°58	11°D35	11°12	20°14	n.a.	W13
T 14	21 10 13	15°38'07	28°36	6°53	1♐ 2	6°22	22°42	14° 4	24°55	29°30	12° 0	11°35	11° 9	20°21	n.a.	T 14
F 15	21 14 10	16°36'38	11♐51	8°19	2° 8	7° 1	22°40	14° 6	24°55	29°28	12° 1	11°36	11° 6	20°27	n.a.	F 15
S 16	21 18 6	17°35'12	24°49	9°44	3°13	7°41	22°38	14° 9	24°56	29°27	12° 3	11°36	11° 3	20°34	n.a.	S 16
S 17	21 22 3	18°33'47	7♑30	11° 8	4°17	8°21	22°37	14°11	24°56	29°25	12° 4	11°37	10°59	20°41	n.a.	S 17
M18	21 25 59	19°32'24	19°59	12°31	5°22	9° 1	22°35	14°13	24°56	29°23	12° 6	11°38	10°56	20°47	n.a.	M18
T 19	21 29 56	20°31'03	2♒16	13°52	6°26	9°41	22°34	14°16	24°57	29°22	12° 7	11°38	10°53	20°54	n.a.	T 19
W20	21 33 53	21°29'43	14°23	15°12	7°30	10°21	22°33	14°18	24°57	29°20	12° 9	11°R38	10°50	21° 1	n.a.	W20
T 21	21 37 49	22°28'26	26°23	16°31	8°34	11° 1	22°33	14°21	24°58	29°18	12°10	11°38	10°47	21° 7	n.a.	T 21
F 22	21 41 46	23°27'11	8♓17	17°48	9°38	11°41	22°32	14°23	24°59	29°17	12°11	11°37	10°43	21°14	n.a.	F 22
S 23	21 45 42	24°25'58	20° 8	19° 4	10°41	12°21	22°32	14°26	24°59	29°15	12°13	11°35	10°40	21°21	n.a.	S 23
S 24	21 49 39	25°24'47	1♈57	20°18	11°45	13° 1	22°D32	14°29	25° 0	29°13	12°14	11°33	10°37	21°27	n.a.	S 24
M25	21 53 35	26°23'38	13°48	21°30	12°48	13°41	22°32	14°32	25° 1	29°12	12°16	11°31	10°34	21°34	n.a.	M25
T 26	21 57 32	27°22'32	25°43	22°41	13°50	14°22	22°32	14°35	25° 2	29°10	12°17	11°29	10°31	21°41	n.a.	T 26
W27	22 1 28	28°21'28	7♉46	23°50	14°53	15° 2	22°32	14°38	25° 3	29° 8	12°18	11°27	10°28	21°47	n.a.	W27
T 28	22 5 25	29°20'27	20° 1	24°57	15°55	15°42	22°33	14°41	25° 4	29° 7	12°20	11°26	10°24	21°54	n.a.	T 28
F 29	22 9 21	0♍19'28	2♊33	26° 2	16°57	16°23	22°34	14°45	25° 5	29° 5	12°21	11°D26	10°21	22° 1	n.a.	F 29
S 30	22 13 18	1°18'31	15°24	27° 4	17°58	17° 3	22°35	14°48	25° 6	29° 3	12°22	11°26	10°18	22° 7	n.a.	S 30
S 31	22 17 15	2♍17'37	28♊40	28♍ 4	18♎59	17♍44	22♐36	14♏52	25♏ 7	29♒ 2	12♋23	11♒27	10♒15	22♓14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n44	24n 2	5n10	17n14	1n 9	5n11	0s 9	13n14	0n55	23s57	0s23	14s25	1n50	19s10	0n 4	12s57	1s22	29n29	6n18	17s30	17s27	1s36		n.a.
S 2	19 30	26 28	4 46	16 37	1 4	4 40	0 14	13 0	0 55	23 57	0 23	14 25	1 50	19 10	0 4	12 58	1 22	29 29	6 18	17 30	17 28	1 32		n.a.
S 3	19 16	27 30	4 7	15 59	0 58	4 10	0 18	12 46	0 54	23 57	0 24	14 26	1 50	19 10	0 4	12 58	1 22	29 29	6 18	17 31	17 29	1 29		n.a.
M 4	19 1	26 52	3 13	15 21	0 52	3 39	0 23	12 31	0 54	23 57	0 24	14 26	1 49	19 10	0 4	12 59	1 22	29 29	6 18	17 31	17 30	1 26		n.a.
T 5	18 47	24 30	2 5	14 43	0 45	3 8	0 27	12 17	0 53	23 57	0 24	14 27	1 49	19 10	0 4	12 59	1 22	29 29	6 18	17 31	17 30	1 22		n.a.
W 6	18 32	20 30	0 48	14 4	0 39	2 37	0 32	12 2	0 53	23 57	0 24	14 28	1 49	19 10	0 4	13 0	1 22	29 29	6 18	17 31	17 31	1 19		n.a.
T 7	18 16	15 9	0s34	13 25	0 32	2 6	0 37	11 47	0 52	23 56	0 24	14 28	1 49	19 10	0 4	13 0	1 22	29 29	6 19	17 31	17 32	1 16		n.a.
F 8	18 1	8 52	1 54	12 46	0 25	1 35	0 42	11 33	0 52	23 56	0 24	14 29	1 48	19 10	0 4	13 1	1 22	29 29	6 19	17 31	17 33	1 13		n.a.
S 9	17 45	2 7	3 7	12 6	0 18	1 5	0 46	11 18	0 51	23 56	0 24	14 30	1 48	19 10	0 4	13 1	1 22	29 29	6 19	17 31	17 34	1 9		n.a.
S 10	17 29	4s41	4 6	11 26	0 10	0 34	0 51	11 3	0 51	23 56	0 24	14 30	1 48	19 10	0 4	13 2	1 22	29 29	6 19	17 31	17 35	1 6		n.a.
M11	17 12	11 8	4 48	10 47	0 3	0 3	0 56	10 48	0 50	23 56	0 24	14 31	1 48	19 10	0 4	13 3	1 22	29 29	6 19	17 31	17 36	1 3		n.a.
T 12	16 55	16 52	5 12	10 7	0s 5	0s28	1 1	10 33	0 50	23 56	0 24	14 32	1 47	19 10	0 4	13 3	1 22	29 29	6 19	17 31	17 37	0 59		n.a.
W13	16 38	21 35	5 17	9 27	0 12	0 59	1 6	10 18	0 49	23 56	0 24	14 33	1 47	19 10	0 4	13 4	1 23	29 29	6 20	17 31	17 38	0 56		n.a.
T 14	16 21	25 1	5 4	8 47	0 20	1 30	1 11	10 2	0 49	23 56	0 24	14 33	1 47	19 10	0 4	13 4	1 23	29 29	6 20	17 31	17 38	0 53		n.a.
F 15	16 3	27 1	4 34	8 7	0 28	2 1	1 16	9 47	0 48	23 56	0 25	14 34	1 47	19 10	0 4	13 5	1 23	29 29	6 20	17 31	17 39	0 50		n.a.
S 16	15 45	27 29	3 52	7 27	0 36	2 32	1 21	9 31	0 48	23 56	0 25	14 35	1 46	19 10	0 4	13 6	1 23	29 29	6 20	17 31	17 40	0 46		n.a.
S 17	15 27	26 29	2 58	6 48	0 44	3 3	1 27	9 16	0 47	23 56	0 25	14 36	1 46	19 10	0 4	13 6	1 23	29 29	6 20	17 31	17 41	0 43		n.a.
M18	15 8	24 9	1 57	6 8	0 52	3 34	1 32	9 0	0 47	23 56	0 25	14 37	1 46	19 10	0 4	13 7	1 23	29 29	6 20	17 30	17 42	0 40		n.a.
T 19	14 50	20 44	0 52	5 30	1 0	4 4	1 37	8 45	0 46	23 56	0 25	14 38	1 46	19 10	0 4	13 7	1 23	29 29	6 21	17 30	17 43	0 37		n.a.
W20	14 31	16 28	0n15	4 51	1 9	4 35	1 42	8 29	0 46	23 56	0 25	14 39	1 46	19 10	0 4	13 8	1 23	29 29	6 21	17 30	17 44	0 33		n.a.
T 21	14 11	11 36	1 21	4 13	1 17	5 5	1 47	8 13	0 45	23 56	0 25	14 40	1 45	19 11	0 4	13 9	1 23	29 29	6 21	17 30	17 45	0 30		n.a.
F 22	13 52	6 22	2 22	3 35	1 25	5 35	1 53	7 57	0 45	23 56	0 25	14 41	1 45	19 11	0 4	13 9	1 23	29 29	6 21	17 31	17 45	0 27		n.a.
S 23	13 32	0 56	3 17	2 57	1 33	6 5	1 58	7 41	0 44	23 56	0 25	14 42	1 45	19 11	0 4	13 10	1 23	29 29	6 21	17 31	17 46	0 23		n.a.
S 24	13 12	4n30	4 4	2 21	1 41	6 35	2 3	7 25	0 43	23 56	0 25	14 43	1 45	19 11	0 4	13 10	1 23	29 29	6 21	17 32	17 47	0 20		n.a.
M25	12 52	9 48	4 40	1 45	1 49	7 5	2 9	7 9	0 43	23 56	0 25	14 44	1 44	19 11	0 4	13 11	1 23	29 29	6 22	17 32	17 48	0 17		n.a.
T 26	12 32	14 46	5 4	1 9	1 57	7 35	2 14	6 53	0 42	23 56	0 25	14 45	1 44	19 12	0 4	13 12	1 23	29 29	6 22	17 33	17 49	0 14		n.a.
W27	12 11	19 13	5 15	0 35	2 5	8 4	2 19	6 37	0 42	23 56	0 25	14 46	1 44	19 12	0 4	13 12	1 23	29 30	6 22	17 33	17 50	0 10		n.a.
T 28	11 51	22 58	5 12	0 1	2 12	8 33	2 25	6 20	0 41	23 56	0 25	14 47	1 44	19 12	0 4	13 13	1 23	29 30	6 22	17 34	17 51	0 7		n.a.
F 29	11 30	25 44	4 55	0s32	2 20	9 2	2 30	6 4	0 41	23 57	0 25	14 49	1 44	19 12	0 4	13 13	1 23	29 30	6 22	17 34	17 52	0 4		n.a.
S 30	11 8	27 16	4 22	1 4	2 27	9 31	2 35	5 47	0 40	23 57	0 25	14 50	1 43	19 13	0 4	13 14	1 23	29 30	6 23	17 34	17 52	0 1		n.a.
S 31	10n47	27n18	3n35	1s35	2s34	10s 0	2s41	5n31	0n40	23s57	0s26	14s51	1n43	19s13	0n 4	13s15	1s23	29n30	6n23	17s33	17s53	0n 3		n.a.

Julian Day Number = 1618634.5, Delta T = 03h48m53s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'22, Lahiri = - 7°50'22 Julian Calendar 1 Aug. 282 BCE == Greg. Calendar 28 July 282 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

SEPTEMBER 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 21 11	3♍16'45	12♋22	29♍ 2	20♎ 0	18♍24	22♐38	14♏55	25♏ 8	29°R 0	12♋25	11♒29	10♒12	22♓21	n.a.	M 1
T 2	22 25 8	4°15'56	26°31	29°56	21° 1	19° 5	22°39	14°59	25° 9	28♒58	12°26	11°30	10° 8	22°27	n.a.	T 2
W 3	22 29 4	5°15'09	11♌ 5	0♎48	22° 1	19°46	22°41	15° 3	25°10	28°57	12°27	11°R31	10° 5	22°34	n.a.	W 3
T 4	22 33 1	6°14'24	26° 0	1°36	23° 1	20°26	22°43	15° 6	25°12	28°55	12°28	11°30	10° 2	22°41	n.a.	T 4
F 5	22 36 57	7°13'41	11♍ 9	2°20	24° 1	21° 7	22°45	15°10	25°13	28°53	12°29	11°28	9°59	22°48	n.a.	F 5
S 6	22 40 54	8°13'01	26°22	3° 1	25° 0	21°48	22°48	15°14	25°14	28°52	12°31	11°25	9°56	22°54	n.a.	S 6
S 7	22 44 50	9°12'22	11♎29	3°37	25°59	22°29	22°50	15°18	25°16	28°50	12°32	11°21	9°53	23° 1	n.a.	S 7
M 8	22 48 47	10°11'46	26°21	4° 8	26°57	23°10	22°53	15°22	25°17	28°49	12°33	11°17	9°49	23° 8	n.a.	M 8
T 9	22 52 44	11°11'11	10♏51	4°34	27°55	23°51	22°56	15°26	25°19	28°47	12°34	11°14	9°46	23°14	n.a.	T 9
W10	22 56 40	12°10'38	24°55	4°55	28°53	24°32	22°59	15°31	25°20	28°45	12°35	11°11	9°43	23°21	n.a.	W10
T 11	23 0 37	13°10'08	8♐32	5° 9	29°50	25°13	23° 3	15°35	25°22	28°44	12°36	11°D10	9°40	23°28	n.a.	T 11
F 12	23 4 33	14° 9'39	21°44	5°16	0♏46	25°54	23° 6	15°39	25°24	28°42	12°37	11°10	9°37	23°34	n.a.	F 12
S 13	23 8 30	15° 9'12	4♑33	5°R16	1°42	26°35	23°10	15°44	25°26	28°41	12°38	11°11	9°34	23°41	n.a.	S 13
S 14	23 12 26	16° 8'47	17° 3	5° 9	2°38	27°17	23°14	15°49	25°27	28°39	12°39	11°13	9°30	23°48	n.a.	S 14
M15	23 16 23	17° 8'23	29°19	4°54	3°33	27°58	23°18	15°53	25°29	28°37	12°40	11°15	9°27	23°54	n.a.	M15
T 16	23 20 19	18° 8'02	11♒23	4°30	4°28	28°39	23°22	15°58	25°31	28°36	12°41	11°R15	9°24	24° 1	n.a.	T 16
W17	23 24 16	19° 7'42	23°20	3°57	5°22	29°21	23°26	16° 3	25°33	28°34	12°42	11°14	9°21	24° 8	n.a.	W17
T 18	23 28 13	20° 7'25	5♓13	3°16	6°15	0♎ 2	23°31	16° 7	25°35	28°33	12°42	11°12	9°18	24°14	n.a.	T 18
F 19	23 32 9	21° 7'09	17° 3	2°27	7° 8	0°43	23°36	16°12	25°37	28°31	12°43	11° 7	9°14	24°21	n.a.	F 19
S 20	23 36 6	22° 6'55	28°53	1°30	8° 0	1°25	23°41	16°17	25°39	28°30	12°44	11° 1	9°11	24°28	n.a.	S 20
S 21	23 40 2	23° 6'44	10♈45	0°26	8°51	2° 7	23°46	16°22	25°41	28°28	12°45	10°53	9° 8	24°34	n.a.	S 21
M22	23 43 59	24° 6'35	22°40	29♍16	9°42	2°48	23°51	16°27	25°43	28°27	12°46	10°44	9° 5	24°41	n.a.	M22
T 23	23 47 55	25° 6'27	4♉39	28° 2	10°32	3°30	23°57	16°33	25°45	28°25	12°46	10°36	9° 2	24°48	n.a.	T 23
W24	23 51 52	26° 6'23	16°46	26°46	11°22	4°12	24° 2	16°38	25°48	28°24	12°47	10°29	8°59	24°54	n.a.	W24
T 25	23 55 48	27° 6'20	29° 4	25°31	12°10	4°54	24° 8	16°43	25°50	28°22	12°48	10°23	8°55	25° 1	n.a.	T 25
F 26	23 59 45	28° 6'20	11♊34	24°18	12°58	5°35	24°14	16°48	25°52	28°21	12°48	10°19	8°52	25° 8	n.a.	F 26
S 27	0 3 41	29° 6'22	24°21	23° 9	13°45	6°17	24°20	16°54	25°55	28°20	12°49	10°D18	8°49	25°15	n.a.	S 27
S 28	0 7 38	0♎ 6'26	7♋28	22° 8	14°31	6°59	24°27	16°59	25°57	28°18	12°50	10°18	8°46	25°21	n.a.	S 28
M29	0 11 35	1° 6'33	20°59	21°15	15°16	7°41	24°33	17° 5	25°59	28°17	12°50	10°19	8°43	25°28	n.a.	M29
T 30	0 15 31	2♎ 6'42	4♌56	20♍32	16♏ 0	8♎23	24♐40	17♏10	26♏ 2	28♒16	12♋51	10°R20	8♒40	25♓35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n26	25n42	2n34	2s 4	2s41	10s28	2s46	5n14	0n39	23s57	0s26	14s52	1n43	19s13	0n 4	13s15	1s23	29n30	6n23	17s33	17s54	0n 6		n.a.
T 2	10 4	22 27	1 22	2 32	2 48	10 56	2 52	4 58	0 39	23 57	0 26	14 54	1 43	19 13	0 4	13 16	1 23	29 30	6 23	17 33	17 55	0 9		n.a.
W 3	9 42	17 42	0 2	2 59	2 54	11 24	2 57	4 41	0 38	23 57	0 26	14 55	1 43	19 14	0 4	13 16	1 23	29 30	6 23	17 32	17 56	0 12		n.a.
T 4	9 20	11 46	1s19	3 23	3 0	11 52	3 2	4 24	0 38	23 57	0 26	14 56	1 42	19 14	0 4	13 17	1 23	29 30	6 24	17 33	17 57	0 16		n.a.
F 5	8 58	5 4	2 36	3 46	3 6	12 19	3 7	4 8	0 37	23 58	0 26	14 57	1 42	19 14	0 4	13 18	1 23	29 30	6 24	17 33	17 58	0 19		n.a.
S 6	8 35	1s56	3 42	4 7	3 11	12 46	3 13	3 51	0 37	23 58	0 26	14 59	1 42	19 15	0 4	13 18	1 23	29 30	6 24	17 34	17 59	0 22		n.a.
S 7	8 13	8 45	4 32	4 26	3 15	13 13	3 18	3 34	0 36	23 58	0 26	15 0	1 42	19 15	0 4	13 19	1 23	29 30	6 24	17 35	17 59	0 25		n.a.
M 8	7 50	14 59	5 3	4 42	3 19	13 40	3 23	3 17	0 35	23 58	0 26	15 2	1 41	19 16	0 4	13 19	1 23	29 31	6 25	17 36	18 0	0 29		n.a.
T 9	7 27	20 12	5 13	4 55	3 22	14 6	3 28	3 0	0 35	23 58	0 26	15 3	1 41	19 16	0 4	13 20	1 23	29 31	6 25	17 37	18 1	0 32		n.a.
W10	7 5	24 8	5 4	5 6	3 25	14 31	3 33	2 43	0 34	23 59	0 26	15 4	1 41	19 16	0 4	13 20	1 23	29 31	6 25	17 38	18 2	0 35		n.a.
T 11	6 41	26 34	4 38	5 13	3 26	14 57	3 38	2 26	0 34	23 59	0 26	15 6	1 41	19 17	0 4	13 21	1 23	29 31	6 25	17 38	18 3	0 38		n.a.
F 12	6 18	27 26	3 58	5 16	3 27	15 22	3 44	2 9	0 33	23 59	0 26	15 7	1 41	19 17	0 4	13 22	1 23	29 31	6 25	17 38	18 4	0 42		n.a.
S 13	5 55	26 46	3 7	5 16	3 26	15 46	3 48	1 52	0 33	23 59	0 26	15 9	1 40	19 18	0 4	13 22	1 23	29 31	6 26	17 38	18 5	0 45		n.a.
S 14	5 32	24 45	2 8	5 11	3 24	16 11	3 53	1 35	0 32	24 0	0 26	15 10	1 40	19 18	0 4	13 23	1 23	29 31	6 26	17 37	18 5	0 48		n.a.
M15	5 8	21 36	1 5	5 2	3 21	16 35	3 58	1 18	0 32	24 0	0 26	15 12	1 40	19 19	0 4	13 23	1 23	29 31	6 26	17 37	18 6	0 51		n.a.
T 16	4 45	17 34	0n 1	4 48	3 16	16 58	4 3	1 1	0 31	24 0	0 26	15 13	1 40	19 19	0 4	13 24	1 23	29 32	6 26	17 37	18 7	0 55		n.a.
W17	4 21	12 53	1 5	4 29	3 9	17 21	4 8	0 44	0 30	24 0	0 26	15 15	1 40	19 19	0 4	13 24	1 23	29 32	6 27	17 37	18 8	0 58		n.a.
T 18	3 57	7 45	2 7	4 4	3 1	17 44	4 12	0 27	0 30	24 1	0 26	15 17	1 40	19 20	0 4	13 25	1 23	29 32	6 27	17 38	18 9	1 1		n.a.
F 19	3 34	2 23	3 2	3 35	2 50	18 6	4 17	0 9	0 29	24 1	0 26	15 18	1 39	19 20	0 4	13 25	1 23	29 32	6 27	17 39	18 10	1 4		n.a.
S 20	3 10	3n 3	3 49	3 1	2 38	18 27	4 21	0s 8	0 29	24 1	0 26	15 20	1 39	19 21	0 4	13 26	1 23	29 32	6 27	17 41	18 11	1 8		n.a.
S 21	2 46	8 23	4 27	2 22	2 24	18 49	4 26	0 25	0 28	24 1	0 27	15 21	1 39	19 21	0 3	13 26	1 23	29 32	6 28	17 43	18 11	1 11		n.a.
M22	2 22	13 26	4 53	1 39	2 8	19 9	4 30	0 42	0 28	24 2	0 27	15 23	1 39	19 22	0 3	13 27	1 23	29 33	6 28	17 45	18 12	1 14		n.a.
T 23	1 58	18 1	5 6	0 54	1 50	19 30	4 34	1 0	0 27	24 2	0 27	15 25	1 39	19 23	0 3	13 27	1 23	29 33	6 28	17 48	18 13	1 17		n.a.
W24	1 34	21 56	5 6	0 6	1 31	19 49	4 38	1 17	0 26	24 2	0 27	15 26	1 38	19 23	0 3	13 28	1 23	29 33	6 28	17 50	18 14	1 21		n.a.
T 25	1 10	24 56	4 52	0n43	1 12	20 9	4 42	1 34	0 26	24 3	0 27	15 28	1 38	19 24	0 3	13 28	1 23	29 33	6 29	17 51	18 15	1 24		n.a.
F 26	0 46	26 48	4 24	1 31	0 51	20 27	4 46	1 52	0 25	24 3	0 27	15 30	1 38	19 24	0 3	13 29	1 23	29 33	6 29	17 52	18 16	1 27		n.a.
S 27	0 22	27 18	3 42	2 17	0 30	20 45	4 50	2 9	0 25	24 3	0 27	15 31	1 38	19 25	0 3	13 29	1 23	29 33	6 29	17 53	18 16	1 30		n.a.
S 28	0s 3	26 18	2 47	3 0	0 10	21 3	4 54	2 26	0 24	24 4	0 27	15 33	1 38	19 25	0 3	13 30	1 23	29 34	6 29	17 52	18 17	1 34		n.a.
M29	0 27	23 45	1 42	3 39	0n10	21 20	4 57	2 44	0 23	24 4	0 27	15 35	1 38	19 26	0 3	13 30	1 23	29 34	6 30	17 52	18 18	1 37		n.a.
T 30	0s51	19n44	0n29	4n14	0n28	21s36	5s 0	3s 1	0n23	24s 4	0s27	15s37	1n37	19s27	0n 3	13s31	1s23	29n34	6n30	17s52	18s19	1n40		n.a.

Julian Day Number = 1618665.5, Delta T = 03h48m52s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'18, Lahiri = - 7°50'18 Julian Calendar 1 Sept. 282 BCE == Greg. Calendar 28 Aug. 282 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

OCTOBER 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 19 28	3♎ 6'53	19♌19	20°R 0	16♏43	9♎ 6	24♐47	17♏16	26♏ 4	28°R14	12♋51	10°R20	8♒36	25♓41	n.a.	W 1
T 2	0 23 24	4° 7'06	4♍ 7	19♍40	17°25	9°48	24°54	17°22	26° 7	28♒13	12°52	10♒17	8°33	25°48	n.a.	T 2
F 3	0 27 21	5° 7'21	19°13	19°D31	18° 7	10°30	25° 1	17°27	26° 9	28°12	12°52	10°13	8°30	25°55	n.a.	F 3
S 4	0 31 17	6° 7'38	4♎30	19°34	18°47	11°12	25° 8	17°33	26°12	28°11	12°53	10° 6	8°27	26° 1	n.a.	S 4
S 5	0 35 14	7° 7'57	19°46	19°47	19°26	11°55	25°15	17°39	26°15	28° 9	12°53	9°57	8°24	26° 8	n.a.	S 5
M 6	0 39 10	8° 8'18	4♏50	20°11	20° 3	12°37	25°23	17°45	26°17	28° 8	12°54	9°48	8°20	26°15	n.a.	M 6
T 7	0 43 7	9° 8'40	19°33	20°44	20°40	13°20	25°31	17°51	26°20	28° 7	12°54	9°39	8°17	26°21	n.a.	T 7
W 8	0 47 4	10° 9'04	3♐49	21°26	21°15	14° 2	25°39	17°57	26°23	28° 6	12°54	9°32	8°14	26°28	n.a.	W 8
T 9	0 51 0	11° 9'30	17°35	22°15	21°49	14°45	25°47	18° 3	26°26	28° 5	12°55	9°27	8°11	26°35	n.a.	T 9
F 10	0 54 57	12° 9'57	0♑52	23°11	22°21	15°27	25°55	18° 9	26°29	28° 4	12°55	9°25	8° 8	26°41	n.a.	F 10
S 11	0 58 53	13°10'26	13°42	24°13	22°52	16°10	26° 3	18°15	26°31	28° 3	12°55	9°D24	8° 5	26°48	n.a.	S 11
S 12	1 2 50	14°10'56	26°10	25°20	23°21	16°53	26°12	18°21	26°34	28° 2	12°55	9°24	8° 1	26°55	n.a.	S 12
M13	1 6 46	15°11'28	8♒21	26°32	23°49	17°35	26°20	18°27	26°37	28° 0	12°55	9°R25	7°58	27° 2	n.a.	M13
T 14	1 10 43	16°12'01	20°20	27°48	24°15	18°18	26°29	18°34	26°40	28° 0	12°56	9°24	7°55	27° 8	n.a.	T 14
W15	1 14 39	17°12'35	2♓12	29° 7	24°39	19° 1	26°38	18°40	26°43	27°59	12°56	9°22	7°52	27°15	n.a.	W15
T 16	1 18 36	18°13'11	14° 1	0♎28	25° 2	19°44	26°47	18°46	26°46	27°58	12°56	9°16	7°49	27°22	n.a.	T 16
F 17	1 22 33	19°13'48	25°50	1°52	25°22	20°27	26°56	18°53	26°49	27°57	12°56	9° 8	7°45	27°28	n.a.	F 17
S 18	1 26 29	20°14'26	7♈42	3°18	25°41	21°10	27° 5	18°59	26°52	27°56	12°56	8°57	7°42	27°35	n.a.	S 18
S 19	1 30 26	21°15'06	19°39	4°45	25°58	21°53	27°14	19° 6	26°55	27°55	12°R56	8°44	7°39	27°42	n.a.	S 19
M20	1 34 22	22°15'48	1♉41	6°14	26°13	22°36	27°24	19°12	26°59	27°54	12°56	8°30	7°36	27°48	n.a.	M20
T 21	1 38 19	23°16'31	13°51	7°44	26°25	23°19	27°34	19°19	27° 2	27°53	12°56	8°17	7°33	27°55	n.a.	T 21
W22	1 42 15	24°17'16	26° 9	9°15	26°36	24° 2	27°43	19°25	27° 5	27°53	12°56	8° 4	7°30	28° 2	n.a.	W22
T 23	1 46 12	25°18'02	8♊35	10°47	26°44	24°46	27°53	19°32	27° 8	27°52	12°56	7°54	7°26	28° 8	n.a.	T 23
F 24	1 50 8	26°18'50	21°13	12°19	26°50	25°29	28° 3	19°38	27°11	27°51	12°56	7°47	7°23	28°15	n.a.	F 24
S 25	1 54 5	27°19'40	4♋ 3	13°51	26°53	26°12	28°13	19°45	27°15	27°51	12°56	7°42	7°20	28°22	n.a.	S 25
S 26	1 58 2	28°20'31	17° 9	15°24	26°R55	26°56	28°23	19°52	27°18	27°50	12°55	7°40	7°17	28°29	n.a.	S 26
M27	2 1 58	29°21'24	0♌33	16°58	26°53	27°39	28°34	19°58	27°21	27°49	12°55	7°40	7°14	28°35	n.a.	M27
T 28	2 5 55	0♏22'18	14°18	18°31	26°50	28°23	28°44	20° 5	27°24	27°49	12°55	7°40	7°11	28°42	n.a.	T 28
W29	2 9 51	1°23'14	28°25	20° 5	26°44	29° 6	28°55	20°12	27°28	27°48	12°55	7°39	7° 7	28°49	n.a.	W29
T 30	2 13 48	2°24'12	12♍54	21°39	26°35	29°50	29° 5	20°19	27°31	27°48	12°54	7°35	7° 4	28°55	n.a.	T 30
F 31	2 17 44	3♏25'10	27♍42	23♎13	26♏24	0♏34	29♐16	20♏25	27♏35	27♒47	12♋54	7♒29	7♒ 1	29♓ 2	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1s15	14n27	0s48	4n42	0n46	21s52	5s 3	3s18	0n22	24s 5	0s27	15s38	1n37	19s27	0n 3	13s31	1s23	29n34	6n30	17s52	18s20	1n43		n.a.
T 2	1 39	8 12	2 4	5 5	1 2	22 8	5 6	3 36	0 22	24 5	0 27	15 40	1 37	19 28	0 3	13 32	1 23	29 34	6 30	17 53	18 21	1 47		n.a.
F 3	2 4	1 22	3 13	5 22	1 16	22 22	5 9	3 53	0 21	24 5	0 27	15 42	1 37	19 28	0 3	13 32	1 23	29 35	6 31	17 54	18 22	1 50		n.a.
S 4	2 28	5s36	4 8	5 32	1 29	22 36	5 12	4 10	0 21	24 5	0 27	15 44	1 37	19 29	0 3	13 32	1 22	29 35	6 31	17 56	18 22	1 53		n.a.
S 5	2 52	12 13	4 46	5 37	1 40	22 50	5 14	4 28	0 20	24 6	0 27	15 45	1 37	19 30	0 3	13 33	1 22	29 35	6 31	17 58	18 23	1 56		n.a.
M 6	3 16	18 2	5 4	5 36	1 49	23 2	5 16	4 45	0 19	24 6	0 27	15 47	1 37	19 30	0 3	13 33	1 22	29 35	6 31	18 1	18 24	1 59		n.a.
T 7	3 40	22 38	5 0	5 30	1 56	23 14	5 18	5 2	0 19	24 6	0 27	15 49	1 36	19 31	0 3	13 34	1 22	29 35	6 32	18 3	18 25	2 3		n.a.
W 8	4 4	25 43	4 38	5 19	2 2	23 26	5 20	5 19	0 18	24 7	0 27	15 51	1 36	19 32	0 3	13 34	1 22	29 36	6 32	18 5	18 26	2 6		n.a.
T 9	4 28	27 8	4 0	5 3	2 7	23 36	5 21	5 37	0 18	24 7	0 27	15 53	1 36	19 32	0 3	13 34	1 22	29 36	6 32	18 6	18 27	2 9		n.a.
F 10	4 52	26 54	3 11	4 44	2 11	23 46	5 23	5 54	0 17	24 7	0 27	15 54	1 36	19 33	0 3	13 35	1 22	29 36	6 32	18 7	18 27	2 12		n.a.
S 11	5 16	25 13	2 13	4 21	2 13	23 55	5 24	6 11	0 16	24 8	0 27	15 56	1 36	19 34	0 3	13 35	1 22	29 36	6 33	18 7	18 28	2 16		n.a.
S 12	5 40	22 19	1 10	3 55	2 14	24 4	5 24	6 28	0 16	24 8	0 27	15 58	1 36	19 34	0 3	13 35	1 22	29 37	6 33	18 7	18 29	2 19		n.a.
M13	6 3	18 29	0 6	3 26	2 14	24 11	5 25	6 45	0 15	24 8	0 27	16 0	1 36	19 35	0 3	13 36	1 22	29 37	6 33	18 7	18 30	2 22		n.a.
T 14	6 27	13 58	0n58	2 55	2 13	24 18	5 25	7 2	0 14	24 8	0 27	16 2	1 35	19 36	0 3	13 36	1 22	29 37	6 33	18 7	18 31	2 25		n.a.
W15	6 50	8 59	1 58	2 22	2 12	24 24	5 25	7 19	0 14	24 9	0 27	16 4	1 35	19 36	0 3	13 36	1 22	29 37	6 34	18 8	18 31	2 28		n.a.
T 16	7 14	3 43	2 53	1 47	2 9	24 29	5 24	7 36	0 13	24 9	0 28	16 6	1 35	19 37	0 3	13 37	1 22	29 37	6 34	18 9	18 32	2 32		n.a.
F 17	7 37	1n41	3 40	1 11	2 7	24 33	5 23	7 53	0 13	24 9	0 28	16 8	1 35	19 38	0 3	13 37	1 22	29 38	6 34	18 11	18 33	2 35		n.a.
S 18	8 0	7 2	4 18	0 33	2 3	24 37	5 22	8 10	0 12	24 10	0 28	16 9	1 35	19 39	0 3	13 37	1 22	29 38	6 34	18 14	18 34	2 38		n.a.
S 19	8 23	12 9	4 44	0s 6	1 59	24 39	5 20	8 27	0 11	24 10	0 28	16 11	1 35	19 39	0 3	13 37	1 22	29 38	6 35	18 18	18 35	2 41		n.a.
M20	8 46	16 51	4 58	0 45	1 55	24 41	5 18	8 44	0 11	24 10	0 28	16 13	1 35	19 40	0 3	13 38	1 22	29 38	6 35	18 21	18 36	2 44		n.a.
T 21	9 9	20 56	4 59	1 26	1 50	24 42	5 15	9 1	0 10	24 10	0 28	16 15	1 35	19 41	0 3	13 38	1 22	29 39	6 35	18 25	18 36	2 48		n.a.
W22	9 32	24 9	4 46	2 6	1 45	24 41	5 12	9 17	0 10	24 10	0 28	16 17	1 34	19 42	0 3	13 38	1 22	29 39	6 35	18 28	18 37	2 51		n.a.
T 23	9 54	26 16	4 19	2 48	1 39	24 40	5 9	9 34	0 9	24 11	0 28	16 19	1 34	19 42	0 3	13 38	1 22	29 39	6 36	18 31	18 38	2 54		n.a.
F 24	10 17	27 5	3 39	3 29	1 34	24 37	5 5	9 51	0 8	24 11	0 28	16 21	1 34	19 43	0 3	13 39	1 22	29 40	6 36	18 33	18 39	2 57		n.a.
S 25	10 39	26 28	2 48	4 11	1 28	24 34	5 0	10 7	0 8	24 11	0 28	16 23	1 34	19 44	0 3	13 39	1 22	29 40	6 36	18 34	18 40	3 0		n.a.
S 26	11 1	24 22	1 46	4 53	1 22	24 29	4 55	10 24	0 7	24 11	0 28	16 25	1 34	19 45	0 3	13 39	1 22	29 40	6 36	18 35	18 41	3 4		n.a.
M27	11 23	20 53	0 38	5 35	1 16	24 24	4 50	10 40	0 6	24 11	0 28	16 27	1 34	19 45	0 3	13 39	1 22	29 40	6 37	18 35	18 41	3 7		n.a.
T 28	11 44	16 11	0s35	6 17	1 9	24 17	4 44	10 56	0 6	24 12	0 28	16 28	1 34	19 46	0 3	13 39	1 22	29 41	6 37	18 35	18 42	3 10		n.a.
W29	12 6	10 30	1 47	6 59	1 3	24 9	4 37	11 13	0 5	24 12	0 28	16 30	1 34	19 47	0 3	13 40	1 22	29 41	6 37	18 35	18 43	3 13		n.a.
T 30	12 27	4 7	2 54	7 40	0 56	24 0	4 30	11 29	0 4	24 12	0 28	16 32	1 34	19 48	0 3	13 40	1 22	29 41	6 37	18 36	18 44	3 16		n.a.
F 31	12s48	2s36	3s51	8s22	0n49	23s50	4s22	11s45	0n 4	24s12	0s28	16s34	1n34	19s49	0n 3	13s40	1s22	29n41	6n38	18s37	18s45	3n20		n.a.

Julian Day Number = 1618695.5, Delta T = 03h48m51s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'14, Lahiri = - 7°50'14 Julian Calendar 1 Oct. 282 BCE == Greg. Calendar 27 Sept. 282 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

NOVEMBER 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 21 41	4♏26'10	12♎44	24♎46	26°R11	1♏17	29♐27	20♏32	27♏38	27°R47	12°R54	7°R20	6♒58	29♓ 9	n.a.	S 1
S 2	2 25 37	5°27'12	27°49	26°20	25♏55	2° 1	29°38	20°39	27°41	27♒46	12♋53	7♒ 9	6°55	29°15	n.a.	S 2
M 3	2 29 34	6°28'14	12♏49	27°54	25°37	2°45	29°49	20°46	27°45	27°46	12°53	6°57	6°51	29°22	n.a.	M 3
T 4	2 33 31	7°29'18	27°33	29°28	25°16	3°29	0♑ 0	20°53	27°48	27°46	12°53	6°45	6°48	29°29	n.a.	T 4
W 5	2 37 27	8°30'22	11♐53	1♏ 2	24°53	4°13	0°11	21° 0	27°52	27°45	12°52	6°35	6°45	29°36	n.a.	W 5
T 6	2 41 24	9°31'28	25°46	2°36	24°29	4°57	0°23	21° 7	27°55	27°45	12°52	6°27	6°42	29°42	n.a.	T 6
F 7	2 45 20	10°32'34	9♑ 9	4°10	24° 2	5°41	0°34	21°13	27°59	27°45	12°51	6°23	6°39	29°49	n.a.	F 7
S 8	2 49 17	11°33'41	22° 5	5°44	23°33	6°25	0°46	21°20	28° 2	27°45	12°51	6°21	6°36	29°56	n.a.	S 8
S 9	2 53 13	12°34'48	4♒36	7°18	23° 2	7° 9	0°58	21°27	28° 6	27°44	12°50	6°20	6°32	0♈ 2	n.a.	S 9
M10	2 57 10	13°35'56	16°49	8°52	22°30	7°53	1° 9	21°34	28° 9	27°44	12°50	6°20	6°29	0° 9	n.a.	M10
T 11	3 1 6	14°37'04	28°49	10°26	21°57	8°37	1°21	21°41	28°13	27°44	12°49	6°19	6°26	0°16	n.a.	T 11
W12	3 5 3	15°38'13	10♓40	12° 1	21°23	9°21	1°33	21°48	28°17	27°44	12°48	6°17	6°23	0°22	n.a.	W12
T 13	3 9 0	16°39'22	22°29	13°35	20°47	10° 6	1°45	21°55	28°20	27°44	12°48	6°12	6°20	0°29	n.a.	T 13
F 14	3 12 56	17°40'31	4♈19	15° 9	20°11	10°50	1°57	22° 2	28°24	27°D44	12°47	6° 4	6°17	0°36	n.a.	F 14
S 15	3 16 53	18°41'41	16°14	16°43	19°35	11°34	2° 9	22° 9	28°27	27°44	12°46	5°53	6°13	0°42	n.a.	S 15
S 16	3 20 49	19°42'52	28°17	18°18	18°58	12°19	2°21	22°16	28°31	27°44	12°46	5°40	6°10	0°49	n.a.	S 16
M17	3 24 46	20°44'03	10♉30	19°52	18°22	13° 3	2°34	22°23	28°34	27°44	12°45	5°27	6° 7	0°56	n.a.	M17
T 18	3 28 42	21°45'14	22°53	21°27	17°45	13°48	2°46	22°30	28°38	27°44	12°44	5°13	6° 4	1° 3	n.a.	T 18
W19	3 32 39	22°46'27	5♊26	23° 2	17°10	14°32	2°59	22°37	28°42	27°45	12°43	5° 0	6° 1	1° 9	n.a.	W19
T 20	3 36 35	23°47'39	18°10	24°37	16°35	15°17	3°11	22°44	28°45	27°45	12°42	4°50	5°57	1°16	n.a.	T 20
F 21	3 40 32	24°48'52	1♋ 5	26°12	16° 2	16° 2	3°24	22°51	28°49	27°45	12°42	4°42	5°54	1°23	n.a.	F 21
S 22	3 44 29	25°50'06	14°10	27°48	15°30	16°46	3°36	22°58	28°53	27°45	12°41	4°38	5°51	1°29	n.a.	S 22
S 23	3 48 25	26°51'20	27°27	29°23	14°59	17°31	3°49	23° 5	28°56	27°46	12°40	4°36	5°48	1°36	n.a.	S 23
M24	3 52 22	27°52'35	10♌56	0♐59	14°31	18°16	4° 2	23°12	29° 0	27°46	12°39	4°D36	5°45	1°43	n.a.	M24
T 25	3 56 18	28°53'50	24°39	2°35	14° 4	19° 1	4°15	23°19	29° 4	27°46	12°38	4°R36	5°42	1°49	n.a.	T 25
W26	4 0 15	29°55'06	8♍37	4°12	13°39	19°46	4°28	23°26	29° 7	27°47	12°37	4°36	5°38	1°56	n.a.	W26
T 27	4 4 11	0♐56'22	22°49	5°48	13°16	20°31	4°41	23°33	29°11	27°47	12°36	4°34	5°35	2° 3	n.a.	T 27
F 28	4 8 8	1°57'39	7♎16	7°25	12°56	21°16	4°54	23°40	29°14	27°48	12°35	4°30	5°32	2°10	n.a.	F 28
S 29	4 12 5	2°58'56	21°51	9° 2	12°38	22° 1	5° 7	23°47	29°18	27°48	12°34	4°23	5°29	2°16	n.a.	S 29
S 30	4 16 1	4♐ 0'13	6♏31	10♐40	12♏22	22♏46	5♑20	23♏54	29♏22	27♒49	12♋33	4♒14	5♒26	2♈23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s 9	9s16	4s33	9s 3	0n43	23s38	4s14	12s 1	0n 3	24s12	0s28	16s36	1n33	19s49	0n 3	13s40	1s22	29n42	6n38	18s40	18s45	3n23		n.a.
S 2	13 30	15 25	4 56	9 44	0 36	23 25	4 4	12 17	0 3	24 12	0 28	16 38	1 33	19 50	0 3	13 40	1 22	29 42	6 38	18 43	18 46	3 26		n.a.
M 3	13 50	20 36	4 58	10 24	0 29	23 11	3 55	12 33	0 2	24 12	0 28	16 40	1 33	19 51	0 3	13 40	1 22	29 42	6 38	18 46	18 47	3 29		n.a.
T 4	14 11	24 24	4 41	11 4	0 23	22 56	3 44	12 48	0 1	24 12	0 28	16 42	1 33	19 52	0 3	13 40	1 22	29 43	6 39	18 49	18 48	3 32		n.a.
W 5	14 31	26 33	4 6	11 44	0 16	22 40	3 34	13 4	0 1	24 12	0 28	16 44	1 33	19 53	0 3	13 40	1 22	29 43	6 39	18 51	18 49	3 36		n.a.
T 6	14 50	26 56	3 17	12 23	0 9	22 23	3 22	13 20	0 0	24 12	0 28	16 46	1 33	19 53	0 3	13 40	1 22	29 43	6 39	18 53	18 49	3 39		n.a.
F 7	15 10	25 43	2 18	13 2	0 2	22 4	3 10	13 35	0s 1	24 12	0 28	16 48	1 33	19 54	0 3	13 40	1 21	29 43	6 39	18 54	18 50	3 42		n.a.
S 8	15 29	23 7	1 15	13 40	0s 4	21 45	2 57	13 50	0 1	24 12	0 29	16 49	1 33	19 55	0 3	13 40	1 21	29 44	6 40	18 55	18 51	3 45		n.a.
S 9	15 48	19 30	0 9	14 17	0 11	21 24	2 44	14 6	0 2	24 12	0 29	16 51	1 33	19 56	0 3	13 41	1 21	29 44	6 40	18 55	18 52	3 48		n.a.
M10	16 7	15 7	0n55	14 54	0 17	21 3	2 31	14 21	0 3	24 12	0 29	16 53	1 33	19 57	0 3	13 41	1 21	29 44	6 40	18 55	18 53	3 51		n.a.
T 11	16 25	10 13	1 56	15 31	0 24	20 40	2 16	14 36	0 3	24 12	0 29	16 55	1 33	19 57	0 3	13 41	1 21	29 45	6 40	18 55	18 54	3 55		n.a.
W12	16 43	5 1	2 51	16 6	0 30	20 17	2 2	14 51	0 4	24 12	0 29	16 57	1 33	19 58	0 3	13 41	1 21	29 45	6 41	18 56	18 54	3 58		n.a.
T 13	17 1	0n19	3 38	16 41	0 37	19 53	1 47	15 6	0 5	24 12	0 29	16 59	1 32	19 59	0 3	13 41	1 21	29 45	6 41	18 57	18 55	4 1		n.a.
F 14	17 19	5 39	4 16	17 15	0 43	19 29	1 32	15 20	0 5	24 12	0 29	17 1	1 32	20 0	0 3	13 40	1 21	29 46	6 41	18 59	18 56	4 4		n.a.
S 15	17 36	10 48	4 43	17 49	0 49	19 4	1 17	15 35	0 6	24 12	0 29	17 3	1 32	20 1	0 3	13 40	1 21	29 46	6 41	19 2	18 57	4 7		n.a.
S 16	17 53	15 37	4 58	18 22	0 55	18 39	1 1	15 49	0 6	24 12	0 29	17 4	1 32	20 1	0 3	13 40	1 21	29 46	6 42	19 5	18 58	4 10		n.a.
M17	18 9	19 52	4 59	18 53	1 0	18 14	0 46	16 4	0 7	24 11	0 29	17 6	1 32	20 2	0 3	13 40	1 21	29 46	6 42	19 8	18 58	4 14		n.a.
T 18	18 25	23 20	4 46	19 24	1 6	17 49	0 30	16 18	0 8	24 11	0 29	17 8	1 32	20 3	0 3	13 40	1 21	29 47	6 42	19 12	18 59	4 17		n.a.
W19	18 41	25 44	4 20	19 55	1 12	17 24	0 14	16 32	0 8	24 11	0 29	17 10	1 32	20 4	0 3	13 40	1 21	29 47	6 42	19 15	19 0	4 20		n.a.
T 20	18 57	26 51	3 40	20 24	1 17	16 59	0n 1	16 46	0 9	24 11	0 29	17 12	1 32	20 5	0 3	13 40	1 21	29 47	6 42	19 17	19 1	4 23		n.a.
F 21	19 12	26 31	2 48	20 52	1 22	16 35	0 16	16 59	0 10	24 10	0 29	17 14	1 32	20 6	0 3	13 40	1 21	29 48	6 43	19 19	19 1	4 26		n.a.
S 22	19 27	24 44	1 46	21 19	1 27	16 11	0 32	17 13	0 10	24 10	0 29	17 16	1 32	20 6	0 3	13 40	1 21	29 48	6 43	19 20	19 2	4 29		n.a.
S 23	19 42	21 33	0 38	21 45	1 32	15 47	0 46	17 27	0 11	24 10	0 29	17 17	1 32	20 7	0 3	13 40	1 21	29 48	6 43	19 21	19 3	4 33		n.a.
M24	19 56	17 10	0s34	22 10	1 36	15 25	1 1	17 40	0 12	24 9	0 29	17 19	1 32	20 8	0 3	13 39	1 21	29 49	6 43	19 21	19 4	4 36		n.a.
T 25	20 9	11 49	1 45	22 34	1 40	15 3	1 15	17 53	0 12	24 9	0 29	17 21	1 32	20 9	0 3	13 39	1 21	29 49	6 43	19 21	19 5	4 39		n.a.
W26	20 23	5 48	2 51	22 57	1 44	14 43	1 29	18 6	0 13	24 9	0 29	17 23	1 32	20 10	0 3	13 39	1 21	29 49	6 44	19 21	19 5	4 42		n.a.
T 27	20 36	0s36	3 47	23 18	1 48	14 23	1 42	18 19	0 14	24 8	0 30	17 25	1 32	20 10	0 3	13 39	1 21	29 49	6 44	19 21	19 6	4 45		n.a.
F 28	20 48	7 3	4 30	23 39	1 51	14 5	1 55	18 32	0 14	24 8	0 30	17 26	1 32	20 11	0 3	13 39	1 21	29 50	6 44	19 22	19 7	4 48		n.a.
S 29	21 1	13 11	4 57	23 58	1 55	13 48	2 7	18 44	0 15	24 7	0 30	17 28	1 32	20 12	0 3	13 38	1 21	29 50	6 44	19 24	19 8	4 51		n.a.
S 30	21s12	18s37	5s 4	24s15	1s57	13s32	2n19	18s56	0s16	24s 7	0s30	17s30	1n32	20s13	0n 3	13s38	1s21	29n50	6n44	19s26	19s 9	4n55		n.a.

Julian Day Number = 1618726.5, Delta T = 03h48m50s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'10, Lahiri = - 7°50'09 Julian Calendar 1 Nov. 282 BCE == Greg. Calendar 28 Oct. 282 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 282 BCE
geocentric

DECEMBER 282 BCE (-281) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 19 58	5♐ 1'30	21♏ 9	12♐17	12°R 9	23♏31	5♑34	24♏ 1	29♏25	27♒49	12°R32	4°R 4	5♒23	2♈30	n.a.	M 1
T 2	4 23 54	6° 2'48	5♐35	13°55	11♏58	24°16	5°47	24° 8	29°29	27°50	12♋31	3♒54	5°19	2°36	n.a.	T 2
W 3	4 27 51	7° 4'06	19°45	15°33	11°50	25° 1	6° 0	24°15	29°33	27°51	12°30	3°45	5°16	2°43	n.a.	W 3
T 4	4 31 47	8° 5'23	3♑32	17°12	11°44	25°46	6°14	24°22	29°36	27°51	12°29	3°39	5°13	2°50	n.a.	T 4
F 5	4 35 44	9° 6'40	16°54	18°50	11°41	26°32	6°27	24°29	29°40	27°52	12°28	3°35	5°10	2°56	n.a.	F 5
S 6	4 39 40	10° 7'57	29°52	20°28	11°D40	27°17	6°41	24°36	29°43	27°53	12°26	3°D34	5° 7	3° 3	n.a.	S 6
S 7	4 43 37	11° 9'13	12♒28	22° 7	11°41	28° 2	6°54	24°43	29°47	27°54	12°25	3°34	5° 3	3°10	n.a.	S 7
M 8	4 47 34	12°10'28	24°44	23°45	11°45	28°48	7° 8	24°49	29°51	27°55	12°24	3°35	5° 0	3°17	n.a.	M 8
T 9	4 51 30	13°11'43	6♓47	25°24	11°52	29°33	7°21	24°56	29°54	27°55	12°23	3°36	4°57	3°23	n.a.	T 9
W10	4 55 27	14°12'58	18°41	27° 2	12° 0	0♐19	7°35	25° 3	29°58	27°56	12°22	3°R36	4°54	3°30	n.a.	W10
T 11	4 59 23	15°14'11	0♈31	28°39	12°11	1° 4	7°49	25°10	0♐ 1	27°57	12°20	3°35	4°51	3°37	n.a.	T 11
F 12	5 3 20	16°15'24	12°23	0♑16	12°24	1°50	8° 3	25°16	0° 5	27°58	12°19	3°31	4°48	3°43	n.a.	F 12
S 13	5 7 16	17°16'36	24°21	1°53	12°39	2°35	8°16	25°23	0° 8	27°59	12°18	3°25	4°44	3°50	n.a.	S 13
S 14	5 11 13	18°17'48	6♉28	3°28	12°57	3°21	8°30	25°30	0°12	28° 0	12°17	3°18	4°41	3°57	n.a.	S 14
M15	5 15 9	19°18'59	18°49	5° 2	13°16	4° 6	8°44	25°36	0°15	28° 1	12°15	3°10	4°38	4° 4	n.a.	M15
T 16	5 19 6	20°20'09	1♊23	6°35	13°37	4°52	8°58	25°43	0°19	28° 2	12°14	3° 1	4°35	4°10	n.a.	T 16
W17	5 23 3	21°21'19	14°12	8° 6	14° 0	5°38	9°12	25°50	0°22	28° 3	12°13	2°54	4°32	4°17	n.a.	W17
T 18	5 26 59	22°22'27	27°17	9°34	14°25	6°24	9°26	25°56	0°26	28° 5	12°12	2°48	4°29	4°24	n.a.	T 18
F 19	5 30 56	23°23'35	10♋34	11° 0	14°52	7° 9	9°40	26° 3	0°29	28° 6	12°10	2°44	4°25	4°30	n.a.	F 19
S 20	5 34 52	24°24'43	24° 4	12°22	15°20	7°55	9°54	26° 9	0°33	28° 7	12° 9	2°41	4°22	4°37	n.a.	S 20
S 21	5 38 49	25°25'50	7♌44	13°40	15°50	8°41	10° 8	26°16	0°36	28° 8	12° 8	2°D41	4°19	4°44	n.a.	S 21
M22	5 42 45	26°26'56	21°32	14°54	16°22	9°27	10°22	26°22	0°39	28° 9	12° 6	2°42	4°16	4°50	n.a.	M22
T 23	5 46 42	27°28'01	5♍29	16° 2	16°55	10°13	10°36	26°28	0°43	28°11	12° 5	2°44	4°13	4°57	n.a.	T 23
W24	5 50 39	28°29'06	19°32	17° 5	17°29	10°59	10°50	26°35	0°46	28°12	12° 4	2°45	4° 9	5° 4	n.a.	W24
T 25	5 54 35	29°30'10	3♎40	18° 0	18° 5	11°45	11° 5	26°41	0°49	28°13	12° 2	2°R45	4° 6	5°11	n.a.	T 25
F 26	5 58 32	0♑31'14	17°52	18°47	18°42	12°31	11°19	26°47	0°53	28°15	12° 1	2°44	4° 3	5°17	n.a.	F 26
S 27	6 2 28	1°32'17	2♏ 5	19°26	19°21	13°17	11°33	26°53	0°56	28°16	11°59	2°41	4° 0	5°24	n.a.	S 27
S 28	6 6 25	2°33'19	16°17	19°56	20° 1	14° 3	11°47	27° 0	0°59	28°18	11°58	2°37	3°57	5°31	n.a.	S 28
M29	6 10 21	3°34'20	0♐24	20°15	20°42	14°49	12° 1	27° 6	1° 2	28°19	11°57	2°33	3°54	5°37	n.a.	M29
T 30	6 14 18	4°35'21	14°22	20°R23	21°24	15°35	12°16	27°12	1° 6	28°21	11°55	2°28	3°50	5°44	n.a.	T 30
W31	6 18 14	5♑36'20	28♐ 7	20♑21	22♏ 7	16♐21	12♑30	27♏18	1♐ 9	28♒22	11♋54	2♒24	3♒47	5♈51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21s24	22s56	4s51	24s31	2s 0	13s17	2n31	19s 8	0s16	24s 7	0s30	17s32	1n32	20s14	0n 3	13s38	1s21	29n51	6n45	19s29	19s 9	4n58			n.a.
T 2	21 35	25 45	4 19	24 46	2 2	13 3	2 41	19 20	0 17	24 6	0 30	17 33	1 32	20 14	0 3	13 38	1 21	29 51	6 45	19 31	19 10	5 1			n.a.
W 3	21 45	26 51	3 32	24 59	2 4	12 51	2 52	19 32	0 18	24 5	0 30	17 35	1 32	20 15	0 3	13 37	1 20	29 51	6 45	19 33	19 11	5 4			n.a.
T 4	21 55	26 15	2 34	25 11	2 5	12 40	3 1	19 44	0 18	24 5	0 30	17 37	1 32	20 16	0 3	13 37	1 20	29 52	6 45	19 34	19 12	5 7			n.a.
F 5	22 5	24 6	1 28	25 21	2 6	12 30	3 11	19 55	0 19	24 4	0 30	17 39	1 32	20 17	0 3	13 37	1 20	29 52	6 45	19 35	19 12	5 10			n.a.
S 6	22 14	20 45	0 20	25 30	2 7	12 22	3 19	20 7	0 20	24 4	0 30	17 40	1 32	20 18	0 3	13 37	1 20	29 52	6 46	19 36	19 13	5 13			n.a.
S 7	22 23	16 31	0n48	25 36	2 7	12 14	3 27	20 18	0 20	24 3	0 30	17 42	1 31	20 18	0 3	13 36	1 20	29 52	6 46	19 36	19 14	5 17			n.a.
M 8	22 32	11 41	1 51	25 41	2 6	12 8	3 35	20 28	0 21	24 2	0 30	17 44	1 31	20 19	0 3	13 36	1 20	29 53	6 46	19 35	19 15	5 20			n.a.
T 9	22 40	6 31	2 49	25 44	2 5	12 3	3 42	20 39	0 22	24 2	0 30	17 45	1 31	20 20	0 3	13 36	1 20	29 53	6 46	19 35	19 16	5 23			n.a.
W10	22 47	1 11	3 39	25 46	2 4	12 0	3 49	20 50	0 22	24 1	0 30	17 47	1 31	20 21	0 3	13 35	1 20	29 53	6 46	19 35	19 16	5 26			n.a.
T 11	22 54	4n 9	4 19	25 45	2 2	11 57	3 55	21 0	0 23	24 0	0 30	17 49	1 31	20 21	0 3	13 35	1 20	29 54	6 46	19 35	19 17	5 29			n.a.
F 12	23 1	9 21	4 47	25 43	1 59	11 56	4 1	21 10	0 24	23 59	0 31	17 50	1 31	20 22	0 3	13 35	1 20	29 54	6 47	19 36	19 18	5 32			n.a.
S 13	23 7	14 15	5 4	25 38	1 55	11 55	4 6	21 20	0 24	23 59	0 31	17 52	1 31	20 23	0 3	13 34	1 20	29 54	6 47	19 38	19 19	5 35			n.a.
S 14	23 12	18 40	5 7	25 32	1 51	11 56	4 11	21 29	0 25	23 58	0 31	17 53	1 31	20 24	0 3	13 34	1 20	29 54	6 47	19 39	19 19	5 38			n.a.
M15	23 18	22 22	4 57	25 24	1 46	11 58	4 15	21 39	0 26	23 57	0 31	17 55	1 31	20 25	0 3	13 33	1 20	29 55	6 47	19 41	19 20	5 41			n.a.
T 16	23 22	25 7	4 31	25 14	1 41	12 0	4 19	21 48	0 26	23 56	0 31	17 57	1 31	20 25	0 3	13 33	1 20	29 55	6 47	19 43	19 21	5 45			n.a.
W17	23 27	26 38	3 52	25 3	1 34	12 4	4 22	21 57	0 27	23 55	0 31	17 58	1 31	20 26	0 3	13 33	1 20	29 55	6 47	19 45	19 22	5 48			n.a.
T 18	23 30	26 42	3 0	24 49	1 27	12 8	4 25	22 5	0 27	23 54	0 31	18 0	1 31	20 27	0 3	13 32	1 20	29 56	6 48	19 46	19 23	5 51			n.a.
F 19	23 34	25 15	1 57	24 34	1 18	12 13	4 28	22 14	0 28	23 53	0 31	18 1	1 31	20 27	0 3	13 32	1 20	29 56	6 48	19 47	19 23	5 54			n.a.
S 20	23 37	22 20	0 47	24 17	1 9	12 19	4 30	22 22	0 29	23 52	0 31	18 3	1 31	20 28	0 3	13 31	1 20	29 56	6 48	19 48	19 24	5 57			n.a.
S 21	23 39	18 7	0s27	23 59	0 58	12 26	4 33	22 30	0 29	23 51	0 31	18 4	1 31	20 29	0 3	13 31	1 20	29 56	6 48	19 48	19 25	6 0			n.a.
M22	23 41	12 54	1 41	23 40	0 47	12 33	4 34	22 38	0 30	23 50	0 31	18 6	1 31	20 30	0 3	13 30	1 20	29 57	6 48	19 48	19 26	6 3			n.a.
T 23	23 42	7 0	2 49	23 20	0 35	12 41	4 36	22 46	0 31	23 49	0 31	18 7	1 31	20 30	0 3	13 30	1 20	29 57	6 48	19 47	19 26	6 6			n.a.
W24	23 43	0 43	3 48	22 59	0 21	12 50	4 37	22 53	0 31	23 48	0 31	18 9	1 32	20 31	0 3	13 29	1 20	29 57	6 48	19 47	19 27	6 9			n.a.
T 25	23 44	5s38	4 33	22 37	0 7	12 59	4 38	23 0	0 32	23 47	0 32	18 10	1 32	20 32	0 3	13 29	1 20	29 57	6 48	19 47	19 28	6 12			n.a.
F 26	23 44	11 44	5 2	22 16	0n 8	13 9	4 38	23 7	0 33	23 46	0 32	18 12	1 32	20 32	0 3	13 28	1 20	29 58	6 49	19 47	19 29	6 16			n.a.
S 27	23 43	17 13	5 12	21 54	0 24	13 19	4 38	23 13	0 33	23 45	0 32	18 13	1 32	20 33	0 3	13 28	1 20	29 58	6 49	19 48	19 29	6 19			n.a.
S 28	23 42	21 45	5 3	21 33	0 41	13 29	4 38	23 20	0 34	23 44	0 32	18 14	1 32	20 34	0 3	13 27	1 20	29 58	6 49	19 49	19 30	6 22			n.a.
M29	23 41	24 59	4 36	21 13	0 59	13 40	4 38	23 26	0 35	23 42	0 32	18 16	1 32	20 35	0 3	13 27	1 20	29 58	6 49	19 50	19 31	6 25			n.a.
T 30	23 39	26 40	3 53	20 54	1 17	13 52	4 38	23 31	0 35	23 41	0 32	18 17	1 32	20 35	0 3	13 26	1 20	29 59	6 49	19 51	19 32	6 28			n.a.
W31	23s37	26s40	2s57	20s36	1n35	14s 4	4n37	23s37	0s36	23s40	0s32	18s18	1n32	20s36	0n 3	13s26	1s20	29n59	6n49	19s52	19s32	6n31			n.a.

Julian Day Number = 1618756.5, Delta T = 03h48m49s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'06, Lahiri = - 7°50'05 Julian Calendar 1 Dec. 282 BCE == Greg. Calendar 27 Nov. 282 BCE

The year -281 astronomical counting style corresponds to year 282 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

JANUARY 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 22 11	6♑37'19	11♑35	20°R 7	22♏51	17♐ 8	12♑44	27♏24	1♐12	28♒24	11°R52	2°R22	3♒44	5♈58	n.a.	T 1
F 2	6 26 8	7°38'16	24°45	19♑42	23°36	17°54	12°59	27°30	1°15	28°25	11♋51	2♒20	3°41	6° 4	n.a.	F 2
S 3	6 30 4	8°39'12	7♒36	19° 6	24°22	18°40	13°13	27°36	1°18	28°27	11°50	2°D20	3°38	6°11	n.a.	S 3
S 4	6 34 1	9°40'06	20°10	18°21	25° 9	19°26	13°27	27°41	1°21	28°29	11°48	2°21	3°35	6°18	n.a.	S 4
M 5	6 37 57	10°40'59	2♓27	17°27	25°57	20°13	13°42	27°47	1°24	28°30	11°47	2°23	3°31	6°24	n.a.	M 5
T 6	6 41 54	11°41'50	14°31	16°25	26°46	20°59	13°56	27°53	1°27	28°32	11°45	2°24	3°28	6°31	n.a.	T 6
W 7	6 45 50	12°42'39	26°27	15°18	27°36	21°45	14°10	27°59	1°30	28°34	11°44	2°26	3°25	6°38	n.a.	W 7
T 8	6 49 47	13°43'27	8♈19	14° 8	28°26	22°32	14°24	28° 4	1°33	28°35	11°43	2°R27	3°22	6°45	n.a.	T 8
F 9	6 53 43	14°44'13	20°11	12°57	29°17	23°18	14°39	28°10	1°36	28°37	11°41	2°27	3°19	6°51	n.a.	F 9
S 10	6 57 40	15°44'58	2♉ 9	11°45	0♐ 9	24° 4	14°53	28°15	1°39	28°39	11°40	2°26	3°15	6°58	n.a.	S 10
S 11	7 1 37	16°45'40	14°18	10°37	1° 1	24°51	15° 7	28°21	1°42	28°41	11°38	2°24	3°12	7° 5	n.a.	S 11
M12	7 5 33	17°46'21	26°40	9°32	1°54	25°37	15°22	28°26	1°45	28°42	11°37	2°22	3° 9	7°11	n.a.	M12
T 13	7 9 30	18°47'01	9♊20	8°32	2°48	26°24	15°36	28°31	1°47	28°44	11°35	2°20	3° 6	7°18	n.a.	T 13
W14	7 13 26	19°47'38	22°19	7°39	3°43	27°10	15°50	28°37	1°50	28°46	11°34	2°18	3° 3	7°25	n.a.	W14
T 15	7 17 23	20°48'14	5♋38	6°53	4°38	27°57	16° 5	28°42	1°53	28°48	11°33	2°17	3° 0	7°31	n.a.	T 15
F 16	7 21 19	21°48'49	19°17	6°14	5°33	28°43	16°19	28°47	1°55	28°50	11°31	2°16	2°56	7°38	n.a.	F 16
S 17	7 25 16	22°49'21	3♌12	5°43	6°29	29°30	16°33	28°52	1°58	28°52	11°30	2°D16	2°53	7°45	n.a.	S 17
S 18	7 29 13	23°49'52	17°20	5°20	7°26	0♑16	16°48	28°57	2° 1	28°54	11°29	2°16	2°50	7°52	n.a.	S 18
M19	7 33 9	24°50'21	1♍38	5° 5	8°23	1° 3	17° 2	29° 2	2° 3	28°56	11°27	2°17	2°47	7°58	n.a.	M19
T 20	7 37 6	25°50'49	16° 0	4°57	9°21	1°50	17°16	29° 7	2° 6	28°58	11°26	2°17	2°44	8° 5	n.a.	T 20
W21	7 41 2	26°51'15	0♎22	4°D56	10°19	2°36	17°30	29°12	2° 8	28°59	11°24	2°18	2°41	8°12	n.a.	W21
T 22	7 44 59	27°51'39	14°41	5° 2	11°17	3°23	17°45	29°16	2°11	29° 1	11°23	2°18	2°37	8°18	n.a.	T 22
F 23	7 48 55	28°52'02	28°53	5°14	12°16	4°10	17°59	29°21	2°13	29° 3	11°22	2°R18	2°34	8°25	n.a.	F 23
S 24	7 52 52	29°52'24	12♏57	5°32	13°16	4°56	18°13	29°25	2°15	29° 6	11°20	2°18	2°31	8°32	n.a.	S 24
S 25	7 56 48	0♒52'44	26°50	5°56	14°16	5°43	18°27	29°30	2°18	29° 8	11°19	2°18	2°28	8°39	n.a.	S 25
M26	8 0 45	1°53'03	10♐32	6°25	15°16	6°30	18°41	29°34	2°20	29°10	11°18	2°D18	2°25	8°45	n.a.	M26
T 27	8 4 42	2°53'20	24° 2	6°59	16°16	7°16	18°55	29°39	2°22	29°12	11°16	2°18	2°21	8°52	n.a.	T 27
W28	8 8 38	3°53'36	7♑18	7°37	17°17	8° 3	19°10	29°43	2°24	29°14	11°15	2°18	2°18	8°59	n.a.	W28
T 29	8 12 35	4°53'49	20°22	8°19	18°19	8°50	19°24	29°47	2°27	29°16	11°14	2°18	2°15	9° 5	n.a.	T 29
F 30	8 16 31	5°54'01	3♒11	9° 5	19°20	9°37	19°38	29°51	2°29	29°18	11°13	2°R18	2°12	9°12	n.a.	F 30
S 31	8 20 28	6♒54'11	15♒48	9♑54	20♐22	10♑23	19♑52	29♏55	2♐31	29♒20	11♋11	2♒18	2♒ 9	9♈19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s34	25s 4	1s51	20s20	1n53	14s16	4n36	23s42	0s37	23s39	0s32	18s20	1n32	20s37	0n 3	13s25	1s20	29n59	6n49	19s52	19s33	6n34		n.a.
F 2	23 30	22 7	0 42	20 6	2 11	14 28	4 35	23 47	0 37	23 37	0 32	18 21	1 32	20 37	0 2	13 24	1 20	29 59	6 49	19 53	19 34	6 37		n.a.
S 3	23 27	18 7	0n29	19 54	2 28	14 40	4 33	23 52	0 38	23 36	0 32	18 22	1 32	20 38	0 2	13 24	1 19	29 59	6 49	19 53	19 35	6 40		n.a.
S 4	23 22	13 25	1 37	19 44	2 45	14 53	4 32	23 57	0 38	23 35	0 32	18 24	1 32	20 38	0 2	13 23	1 19	30 0	6 49	19 53	19 35	6 43		n.a.
M 5	23 18	8 16	2 38	19 37	3 0	15 6	4 30	24 1	0 39	23 33	0 32	18 25	1 32	20 39	0 2	13 23	1 19	30 0	6 50	19 52	19 36	6 46		n.a.
T 6	23 13	2 55	3 32	19 31	3 13	15 19	4 28	24 5	0 40	23 32	0 33	18 26	1 32	20 40	0 2	13 22	1 19	30 0	6 50	19 52	19 37	6 49		n.a.
W 7	23 7	2n28	4 16	19 28	3 24	15 32	4 26	24 8	0 40	23 30	0 33	18 27	1 32	20 40	0 2	13 21	1 19	30 0	6 50	19 51	19 38	6 52		n.a.
T 8	23 1	7 44	4 48	19 27	3 33	15 46	4 24	24 12	0 41	23 29	0 33	18 29	1 32	20 41	0 2	13 21	1 19	30 1	6 50	19 51	19 38	6 55		n.a.
F 9	22 54	12 44	5 9	19 27	3 39	15 59	4 22	24 15	0 42	23 28	0 33	18 30	1 32	20 42	0 2	13 20	1 19	30 1	6 50	19 51	19 39	6 58		n.a.
S 10	22 47	17 17	5 16	19 29	3 44	16 12	4 19	24 18	0 42	23 26	0 33	18 31	1 32	20 42	0 2	13 19	1 19	30 1	6 50	19 51	19 40	7 2		n.a.
S 11	22 40	21 14	5 9	19 33	3 45	16 26	4 16	24 20	0 43	23 24	0 33	18 32	1 32	20 43	0 2	13 19	1 19	30 1	6 50	19 52	19 41	7 5		n.a.
M12	22 32	24 18	4 48	19 39	3 45	16 39	4 14	24 23	0 43	23 23	0 33	18 33	1 32	20 43	0 2	13 18	1 19	30 1	6 50	19 52	19 41	7 8		n.a.
T 13	22 24	26 17	4 13	19 45	3 42	16 53	4 11	24 25	0 44	23 21	0 33	18 34	1 32	20 44	0 2	13 17	1 19	30 1	6 50	19 53	19 42	7 11		n.a.
W14	22 15	26 53	3 23	19 53	3 38	17 6	4 7	24 27	0 45	23 20	0 33	18 36	1 32	20 44	0 2	13 17	1 19	30 2	6 50	19 53	19 43	7 14		n.a.
T 15	22 6	25 59	2 22	20 1	3 32	17 19	4 4	24 28	0 45	23 18	0 33	18 37	1 32	20 45	0 2	13 16	1 19	30 2	6 50	19 53	19 44	7 17		n.a.
F 16	21 56	23 30	1 11	20 11	3 24	17 32	4 1	24 29	0 46	23 16	0 34	18 38	1 32	20 46	0 2	13 15	1 19	30 2	6 50	19 54	19 44	7 20		n.a.
S 17	21 46	19 36	0s 5	20 21	3 16	17 45	3 58	24 30	0 46	23 15	0 34	18 39	1 32	20 46	0 2	13 15	1 19	30 2	6 50	19 54	19 45	7 23		n.a.
S 18	21 36	14 31	1 23	20 32	3 6	17 58	3 54	24 31	0 47	23 13	0 34	18 40	1 32	20 47	0 2	13 14	1 19	30 2	6 50	19 54	19 46	7 26		n.a.
M19	21 25	8 36	2 36	20 43	2 55	18 11	3 50	24 31	0 48	23 11	0 34	18 41	1 33	20 47	0 2	13 13	1 19	30 3	6 50	19 54	19 47	7 29		n.a.
T 20	21 14	2 13	3 39	20 54	2 44	18 23	3 47	24 31	0 48	23 10	0 34	18 42	1 33	20 48	0 2	13 13	1 19	30 3	6 50	19 53	19 47	7 32		n.a.
W21	21 2	4s16	4 29	21 6	2 33	18 36	3 43	24 31	0 49	23 8	0 34	18 43	1 33	20 48	0 2	13 12	1 19	30 3	6 50	19 53	19 48	7 35		n.a.
T 22	20 51	10 29	5 2	21 17	2 21	18 48	3 39	24 31	0 49	23 6	0 34	18 44	1 33	20 49	0 2	13 11	1 19	30 3	6 50	19 53	19 49	7 38		n.a.
F 23	20 38	16 8	5 17	21 29	2 9	18 59	3 35	24 30	0 50	23 4	0 34	18 45	1 33	20 49	0 2	13 10	1 19	30 3	6 50	19 53	19 50	7 41		n.a.
S 24	20 25	20 51	5 12	21 40	1 57	19 11	3 31	24 29	0 50	23 3	0 34	18 46	1 33	20 50	0 2	13 10	1 19	30 3	6 50	19 53	19 50	7 44		n.a.
S 25	20 12	24 22	4 49	21 51	1 45	19 22	3 27	24 27	0 51	23 1	0 35	18 47	1 33	20 50	0 2	13 9	1 19	30 3	6 50	19 53	19 51	7 47		n.a.
M26	19 59	26 25	4 9	22 2	1 33	19 33	3 22	24 26	0 52	22 59	0 35	18 47	1 33	20 51	0 2	13 8	1 19	30 4	6 50	19 53	19 52	7 50		n.a.
T 27	19 45	26 52	3 17	22 12	1 21	19 44	3 18	24 24	0 52	22 57	0 35	18 48	1 33	20 51	0 2	13 8	1 19	30 4	6 51	19 53	19 52	7 53		n.a.
W28	19 31	25 46	2 14	22 22	1 9	19 54	3 14	24 22	0 53	22 55	0 35	18 49	1 33	20 51	0 2	13 7	1 19	30 4	6 51	19 53	19 53	7 56		n.a.
T 29	19 16	23 15	1 6	22 31	0 57	20 4	3 10	24 19	0 53	22 53	0 35	18 50	1 33	20 52	0 2	13 6	1 19	30 4	6 51	19 53	19 54	7 59		n.a.
F 30	19 2	19 36	0n 5	22 39	0 46	20 13	3 5	24 16	0 54	22 51	0 35	18 51	1 33	20 52	0 2	13 5	1 19	30 4	6 51	19 53	19 55	8 2		n.a.
S 31	18s46	15s 7	1n14	22s47	0n35	20s22	3n 1	24s13	0s54	22s49	0s35	18s52	1n33	20s53	0n 2	13s 4	1s19	30n 4	6n51	19s53	19s55	8n 5		n.a.

Julian Day Number = 1618787.5, Delta T = 03h48m48s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°57'02, Lahiri = - 7°50'01 Julian Calendar 1 Jan. 281 BCE == Greg. Calendar 28 Dec. 282 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

FEBRUARY 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 24	7♒54'18	28♒11	10♑47	21♐24	11♑10	20♑ 6	29♏59	2♐33	29♒22	11°R10	2°R18	2♒ 6	9♈26	n.a.	S 1
M 2	8 28 21	8°54'24	10♓23	11°43	22°27	11°57	20°20	0♐ 3	2°35	29°24	11♋ 9	2♒17	2° 2	9°32	n.a.	M 2
T 3	8 32 17	9°54'27	22°26	12°42	23°30	12°44	20°34	0° 7	2°37	29°27	11° 8	2°16	1°59	9°39	n.a.	T 3
W 4	8 36 14	10°54'28	4♈21	13°43	24°33	13°30	20°48	0°11	2°39	29°29	11° 6	2°15	1°56	9°46	n.a.	W 4
T 5	8 40 11	11°54'27	16°13	14°47	25°36	14°17	21° 1	0°15	2°40	29°31	11° 5	2°14	1°53	9°52	n.a.	T 5
F 6	8 44 7	12°54'24	28° 5	15°53	26°40	15° 4	21°15	0°18	2°42	29°33	11° 4	2°13	1°50	9°59	n.a.	F 6
S 7	8 48 4	13°54'19	10♉ 2	17° 1	27°44	15°51	21°29	0°22	2°44	29°35	11° 3	2°D12	1°46	10° 6	n.a.	S 7
S 8	8 52 0	14°54'11	22° 8	18°12	28°48	16°38	21°43	0°25	2°46	29°38	11° 2	2°12	1°43	10°13	n.a.	S 8
M 9	8 55 57	15°54'01	4♊28	19°24	29°52	17°24	21°57	0°28	2°47	29°40	11° 1	2°13	1°40	10°19	n.a.	M 9
T 10	8 59 53	16°53'48	17° 6	20°38	0♑57	18°11	22°10	0°32	2°49	29°42	11° 0	2°14	1°37	10°26	n.a.	T 10
W11	9 3 50	17°53'33	0♋ 6	21°55	2° 2	18°58	22°24	0°35	2°50	29°44	10°58	2°15	1°34	10°33	n.a.	W11
T 12	9 7 46	18°53'16	13°31	23°12	3° 6	19°45	22°38	0°38	2°52	29°46	10°57	2°17	1°31	10°39	n.a.	T 12
F 13	9 11 43	19°52'57	27°20	24°32	4°12	20°32	22°51	0°41	2°53	29°49	10°56	2°R17	1°27	10°46	n.a.	F 13
S 14	9 15 39	20°52'35	11♌32	25°53	5°17	21°18	23° 5	0°44	2°55	29°51	10°55	2°17	1°24	10°53	n.a.	S 14
S 15	9 19 36	21°52'11	26° 4	27°16	6°23	22° 5	23°18	0°46	2°56	29°53	10°54	2°16	1°21	11° 0	n.a.	S 15
M16	9 23 33	22°51'45	10♍49	28°40	7°28	22°52	23°31	0°49	2°57	29°55	10°53	2°14	1°18	11° 6	n.a.	M16
T 17	9 27 29	23°51'17	25°40	0♒ 6	8°34	23°39	23°45	0°52	2°59	29°58	10°52	2°11	1°15	11°13	n.a.	T 17
W18	9 31 26	24°50'47	10♎29	1°33	9°41	24°25	23°58	0°54	3° 0	29°59	10°51	2° 8	1°12	11°20	n.a.	W18
T 19	9 35 22	25°50'15	25° 9	3° 2	10°47	25°12	24°11	0°57	3° 1	0♓ 2	10°50	2° 5	1° 8	11°26	n.a.	T 19
F 20	9 39 19	26°49'41	9♏34	4°32	11°53	25°59	24°25	0°59	3° 2	0° 4	10°49	2° 3	1° 5	11°33	n.a.	F 20
S 21	9 43 15	27°49'06	23°41	6° 3	13° 0	26°46	24°38	1° 1	3° 3	0° 7	10°49	2°D 2	1° 2	11°40	n.a.	S 21
S 22	9 47 12	28°48'28	7♐29	7°36	14° 7	27°33	24°51	1° 3	3° 4	0° 9	10°48	2° 3	0°59	11°47	n.a.	S 22
M23	9 51 8	29°47'49	20°58	9°10	15°14	28°19	25° 4	1° 5	3° 5	0°11	10°47	2° 4	0°56	11°53	n.a.	M23
T 24	9 55 5	0♓47'08	4♑ 9	10°46	16°21	29° 6	25°17	1° 7	3° 6	0°14	10°46	2° 5	0°52	12° 0	n.a.	T 24
W25	9 59 2	1°46'25	17° 4	12°23	17°28	29°53	25°30	1° 9	3° 7	0°16	10°45	2° 7	0°49	12° 7	n.a.	W25
T 26	10 2 58	2°45'40	29°45	14° 1	18°35	0♒40	25°43	1°11	3° 8	0°18	10°44	2°R 8	0°46	12°13	n.a.	T 26
F 27	10 6 55	3°44'53	12♒15	15°41	19°43	1°26	25°55	1°13	3° 9	0°20	10°44	2° 7	0°43	12°20	n.a.	F 27
S 28	10 10 51	4°44'04	24°35	17°22	20°51	2°13	26° 8	1°14	3° 9	0°23	10°43	2° 5	0°40	12°27	n.a.	S 28
S 29	10 14 48	5♓43'13	6♓46	19♒ 4	21♑58	3♒ 0	26♑21	1♐16	3♐10	0♓25	10♋42	2♒ 1	0♒37	12♈34	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s31	10s 5	2n19	22s53	0n24	20s31	2n56	24s10	0s55	22s47	0s35	18s52	1n33	20s53	0n 2	13s 4	1s19	30n 4	6n50	19s53	19s56	8n 8		n.a.
M 2	18 15	4 45	3 16	22 59	0 13	20 39	2 52	24 6	0 55	22 45	0 35	18 53	1 34	20 54	0 2	13 3	1 19	30 4	6 50	19 53	19 57	8 11		n.a.
T 3	17 59	0n41	4 3	23 4	0 3	20 47	2 47	24 3	0 56	22 43	0 36	18 54	1 34	20 54	0 2	13 2	1 19	30 4	6 50	19 54	19 57	8 14		n.a.
W 4	17 42	6 1	4 40	23 8	0s 7	20 55	2 42	23 58	0 57	22 41	0 36	18 55	1 34	20 54	0 2	13 1	1 19	30 4	6 50	19 54	19 58	8 17		n.a.
T 5	17 26	11 7	5 4	23 10	0 16	21 2	2 38	23 54	0 57	22 39	0 36	18 55	1 34	20 55	0 2	13 1	1 19	30 5	6 50	19 54	19 59	8 20		n.a.
F 6	17 9	15 49	5 16	23 12	0 26	21 8	2 33	23 49	0 58	22 37	0 36	18 56	1 34	20 55	0 2	13 0	1 19	30 5	6 50	19 54	20 0	8 23		n.a.
S 7	16 51	19 57	5 14	23 12	0 35	21 14	2 28	23 44	0 58	22 35	0 36	18 57	1 34	20 55	0 2	12 59	1 19	30 5	6 50	19 55	20 0	8 26		n.a.
S 8	16 34	23 18	4 58	23 11	0 43	21 20	2 24	23 39	0 59	22 33	0 36	18 57	1 34	20 56	0 2	12 58	1 19	30 5	6 50	19 55	20 1	8 29		n.a.
M 9	16 16	25 41	4 28	23 9	0 51	21 25	2 19	23 34	0 59	22 31	0 36	18 58	1 34	20 56	0 2	12 57	1 19	30 5	6 50	19 54	20 2	8 32		n.a.
T 10	15 58	26 49	3 44	23 6	0 59	21 30	2 14	23 28	1 0	22 29	0 37	18 58	1 34	20 56	0 2	12 57	1 19	30 5	6 50	19 54	20 3	8 35		n.a.
W11	15 39	26 32	2 49	23 1	1 7	21 34	2 9	23 22	1 0	22 27	0 37	18 59	1 34	20 57	0 2	12 56	1 19	30 5	6 50	19 54	20 3	8 38		n.a.
T 12	15 21	24 43	1 42	22 55	1 14	21 37	2 4	23 15	1 1	22 25	0 37	19 0	1 34	20 57	0 2	12 55	1 19	30 5	6 50	19 54	20 4	8 41		n.a.
F 13	15 2	21 24	0 27	22 48	1 21	21 40	2 0	23 9	1 1	22 23	0 37	19 0	1 34	20 57	0 2	12 54	1 19	30 5	6 50	19 53	20 5	8 44		n.a.
S 14	14 43	16 43	0s51	22 39	1 27	21 43	1 55	23 2	1 2	22 20	0 37	19 1	1 35	20 58	0 2	12 53	1 19	30 5	6 50	19 53	20 5	8 47		n.a.
S 15	14 23	10 59	2 7	22 29	1 33	21 45	1 50	22 55	1 2	22 18	0 37	19 1	1 35	20 58	0 2	12 53	1 19	30 5	6 50	19 54	20 6	8 50		n.a.
M16	14 4	4 34	3 17	22 17	1 39	21 46	1 45	22 48	1 3	22 16	0 37	19 2	1 35	20 58	0 2	12 52	1 19	30 5	6 50	19 54	20 7	8 53		n.a.
T 17	13 44	2s 7	4 13	22 4	1 44	21 47	1 41	22 40	1 3	22 14	0 38	19 2	1 35	20 58	0 2	12 51	1 19	30 5	6 50	19 55	20 7	8 56		n.a.
W18	13 24	8 40	4 52	21 50	1 49	21 47	1 36	22 32	1 3	22 12	0 38	19 2	1 35	20 59	0 2	12 50	1 19	30 5	6 50	19 55	20 8	8 59		n.a.
T 19	13 4	14 40	5 12	21 33	1 53	21 47	1 31	22 24	1 4	22 9	0 38	19 3	1 35	20 59	0 2	12 49	1 19	30 5	6 50	19 56	20 9	9 2		n.a.
F 20	12 43	19 46	5 12	21 16	1 57	21 46	1 26	22 16	1 4	22 7	0 38	19 3	1 35	20 59	0 2	12 49	1 19	30 5	6 50	19 57	20 10	9 4		n.a.
S 21	12 23	23 38	4 52	20 56	2 1	21 44	1 22	22 7	1 5	22 5	0 38	19 4	1 35	20 59	0 2	12 48	1 19	30 5	6 50	19 57	20 10	9 7		n.a.
S 22	12 2	26 2	4 16	20 36	2 4	21 42	1 17	21 58	1 5	22 3	0 38	19 4	1 35	21 0	0 2	12 47	1 19	30 5	6 50	19 57	20 11	9 10		n.a.
M23	11 41	26 51	3 27	20 13	2 7	21 39	1 12	21 49	1 6	22 1	0 38	19 4	1 35	21 0	0 2	12 46	1 19	30 5	6 50	19 56	20 12	9 13		n.a.
T 24	11 20	26 7	2 27	19 49	2 9	21 36	1 8	21 40	1 6	21 58	0 39	19 5	1 35	21 0	0 2	12 45	1 19	30 5	6 50	19 56	20 12	9 16		n.a.
W25	10 58	23 59	1 22	19 23	2 11	21 32	1 3	21 30	1 7	21 56	0 39	19 5	1 36	21 0	0 2	12 45	1 19	30 5	6 49	19 56	20 13	9 19		n.a.
T 26	10 37	20 40	0 13	18 56	2 12	21 28	0 58	21 21	1 7	21 54	0 39	19 5	1 36	21 0	0 2	12 44	1 19	30 5	6 49	19 56	20 14	9 22		n.a.
F 27	10 15	16 27	0n55	18 27	2 13	21 23	0 54	21 11	1 7	21 52	0 39	19 5	1 36	21 0	0 2	12 43	1 19	30 5	6 49	19 56	20 15	9 25		n.a.
S 28	9 53	11 37	2 0	17 56	2 14	21 17	0 49	21 0	1 8	21 49	0 39	19 6	1 36	21 1	0 2	12 42	1 19	30 5	6 49	19 56	20 15	9 28		n.a.
S 29	9s31	6s23	2n58	17s24	2s14	21s11	0n45	20s50	1s 8	21s47	0s39	19s 6	1n36	21s 1	0n 2	12s41	1s19	30n 5	6n49	19s57	20s16	9n31		n.a.

Julian Day Number = 1618818.5, Delta T = 03h48m47s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'57, Lahiri = - 7°49'57 Julian Calendar 1 Feb. 281 BCE == Greg. Calendar 28 Jan. 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

MARCH 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 18 44	6♓42'19	18♓49	20♒48	23♑ 6	3♒47	26♑34	1♐17	3♐10	0♓27	10°R41	1°R56	0♒33	12♈40	n.a.	M 1
T 2	10 22 41	7°41'23	0♈47	22°33	24°14	4°33	26°46	1°18	3°11	0°29	10♋41	1♒50	0°30	12°47	n.a.	T 2
W 3	10 26 37	8°40'25	12°40	24°20	25°22	5°20	26°59	1°20	3°11	0°32	10°40	1°43	0°27	12°54	n.a.	W 3
T 4	10 30 34	9°39'25	24°31	26° 8	26°30	6° 7	27°11	1°21	3°12	0°34	10°39	1°36	0°24	13° 0	n.a.	T 4
F 5	10 34 30	10°38'23	6♉24	27°58	27°39	6°53	27°23	1°22	3°12	0°36	10°39	1°30	0°21	13° 7	n.a.	F 5
S 6	10 38 27	11°37'18	18°20	29°48	28°47	7°40	27°35	1°23	3°13	0°38	10°38	1°26	0°18	13°14	n.a.	S 6
S 7	10 42 24	12°36'11	0♊24	1♓41	29°56	8°26	27°48	1°23	3°13	0°41	10°38	1°23	0°14	13°21	n.a.	S 7
M 8	10 46 20	13°35'01	12°40	3°35	1♒ 4	9°13	28° 0	1°24	3°13	0°43	10°37	1°D22	0°11	13°27	n.a.	M 8
T 9	10 50 17	14°33'50	25°13	5°30	2°13	9°59	28°12	1°25	3°13	0°45	10°37	1°23	0° 8	13°34	n.a.	T 9
W10	10 54 13	15°32'35	8♋ 8	7°27	3°22	10°46	28°24	1°25	3°13	0°47	10°36	1°24	0° 5	13°41	n.a.	W10
T 11	10 58 10	16°31'19	21°28	9°25	4°30	11°33	28°35	1°26	3°14	0°50	10°36	1°25	0° 2	13°48	n.a.	T 11
F 12	11 2 6	17°30'00	5♌16	11°24	5°39	12°19	28°47	1°26	3°R14	0°52	10°35	1°R25	29♑58	13°54	n.a.	F 12
S 13	11 6 3	18°28'39	19°32	13°25	6°48	13° 5	28°59	1°26	3°14	0°54	10°35	1°24	29°55	14° 1	n.a.	S 13
S 14	11 9 59	19°27'15	4♍13	15°27	7°57	13°52	29°11	1°26	3°13	0°56	10°35	1°21	29°52	14° 8	n.a.	S 14
M15	11 13 56	20°25'49	19°14	17°30	9° 7	14°38	29°22	1°R26	3°13	0°58	10°34	1°15	29°49	14°14	n.a.	M15
T 16	11 17 53	21°24'22	4♎26	19°35	10°16	15°25	29°33	1°26	3°13	1° 0	10°34	1° 8	29°46	14°21	n.a.	T 16
W17	11 21 49	22°22'52	19°38	21°40	11°25	16°11	29°45	1°26	3°13	1° 3	10°34	1° 0	29°43	14°28	n.a.	W17
T 18	11 25 46	23°21'20	4♏40	23°46	12°35	16°57	29°56	1°26	3°13	1° 5	10°33	0°53	29°39	14°35	n.a.	T 18
F 19	11 29 42	24°19'47	19°23	25°53	13°44	17°44	0♒ 7	1°26	3°12	1° 7	10°33	0°47	29°36	14°41	n.a.	F 19
S 20	11 33 39	25°18'12	3♐43	28° 1	14°54	18°30	0°18	1°25	3°12	1° 9	10°33	0°43	29°33	14°48	n.a.	S 20
S 21	11 37 35	26°16'36	17°36	0♈ 8	16° 3	19°16	0°29	1°25	3°12	1°11	10°33	0°41	29°30	14°55	n.a.	S 21
M22	11 41 32	27°14'58	1♑ 3	2°16	17°13	20° 3	0°40	1°24	3°11	1°13	10°33	0°D41	29°27	15° 1	n.a.	M22
T 23	11 45 28	28°13'18	14° 8	4°23	18°23	20°49	0°51	1°23	3°11	1°15	10°32	0°41	29°24	15° 8	n.a.	T 23
W24	11 49 25	29°11'36	26°52	6°30	19°33	21°35	1° 1	1°22	3°10	1°17	10°32	0°R42	29°20	15°15	n.a.	W24
T 25	11 53 22	0♈ 9'53	9♒20	8°36	20°43	22°21	1°12	1°21	3° 9	1°19	10°32	0°42	29°17	15°22	n.a.	T 25
F 26	11 57 18	1° 8'08	21°36	10°41	21°53	23° 7	1°22	1°20	3° 9	1°21	10°32	0°39	29°14	15°28	n.a.	F 26
S 27	12 1 15	2° 6'21	3♓43	12°44	23° 3	23°53	1°33	1°19	3° 8	1°23	10°D32	0°35	29°11	15°35	n.a.	S 27
S 28	12 5 11	3° 4'33	15°43	14°46	24°13	24°40	1°43	1°18	3° 7	1°25	10°32	0°27	29° 8	15°42	n.a.	S 28
M29	12 9 8	4° 2'43	27°39	16°45	25°23	25°26	1°53	1°17	3° 6	1°27	10°32	0°18	29° 4	15°48	n.a.	M29
T 30	12 13 4	5° 0'51	9♈32	18°42	26°33	26°12	2° 3	1°15	3° 5	1°29	10°32	0° 6	29° 1	15°55	n.a.	T 30
W31	12 17 1	5♈58'57	21♈24	20♈36	27♒43	26♒58	2♒13	1♐14	3♐ 5	1♓31	10♋32	29♑54	28♑58	16♈ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9s 9	1s 0	3n47	16s50	2s13	21s 4	0n40	20s39	1s 9	21s45	0s40	19s 6	1n36	21s 1	0n 2	12s41	1s19	30n 5	6n49	19s58	20s17	9n34		n.a.
T 2	8 47	4n22	4 26	16 15	2 12	20 56	0 36	20 28	1 9	21 42	0 40	19 6	1 36	21 1	0 2	12 40	1 19	30 5	6 49	20 0	20 17	9 37		n.a.
W 3	8 25	9 33	4 53	15 37	2 11	20 49	0 31	20 17	1 9	21 40	0 40	19 6	1 36	21 1	0 2	12 39	1 19	30 5	6 49	20 1	20 18	9 40		n.a.
T 4	8 3	14 22	5 7	14 59	2 9	20 40	0 27	20 6	1 10	21 38	0 40	19 7	1 36	21 1	0 2	12 38	1 19	30 5	6 49	20 3	20 19	9 42		n.a.
F 5	7 40	18 39	5 9	14 18	2 6	20 31	0 23	19 54	1 10	21 36	0 40	19 7	1 36	21 1	0 2	12 37	1 19	30 5	6 49	20 4	20 19	9 45		n.a.
S 6	7 17	22 14	4 57	13 36	2 3	20 21	0 19	19 43	1 10	21 33	0 40	19 7	1 37	21 1	0 2	12 37	1 19	30 5	6 49	20 5	20 20	9 48		n.a.
S 7	6 55	24 54	4 31	12 52	2 0	20 11	0 14	19 31	1 11	21 31	0 41	19 7	1 37	21 1	0 2	12 36	1 19	30 5	6 49	20 6	20 21	9 51		n.a.
M 8	6 32	26 27	3 53	12 6	1 56	20 0	0 10	19 19	1 11	21 29	0 41	19 7	1 37	21 1	0 2	12 35	1 19	30 5	6 48	20 6	20 21	9 54		n.a.
T 9	6 9	26 42	3 3	11 19	1 51	19 48	0 6	19 6	1 11	21 26	0 41	19 7	1 37	21 1	0 2	12 34	1 19	30 5	6 48	20 6	20 22	9 57		n.a.
W10	5 46	25 31	2 3	10 31	1 46	19 36	0 2	18 54	1 12	21 24	0 41	19 7	1 37	21 1	0 2	12 34	1 19	30 5	6 48	20 5	20 23	10 0		n.a.
T 11	5 23	22 53	0 54	9 41	1 40	19 24	0s 2	18 41	1 12	21 22	0 41	19 7	1 37	21 1	0 2	12 33	1 19	30 5	6 48	20 5	20 23	10 3		n.a.
F 12	5 0	18 51	0s21	8 49	1 34	19 11	0 6	18 28	1 12	21 20	0 41	19 7	1 37	21 1	0 2	12 32	1 19	30 5	6 48	20 5	20 24	10 6		n.a.
S 13	4 37	13 37	1 36	7 56	1 27	18 57	0 10	18 15	1 13	21 17	0 42	19 7	1 37	21 1	0 2	12 31	1 19	30 5	6 48	20 5	20 25	10 9		n.a.
S 14	4 13	7 29	2 47	7 1	1 20	18 43	0 13	18 2	1 13	21 15	0 42	19 7	1 37	21 1	0 2	12 30	1 19	30 5	6 48	20 6	20 26	10 11		n.a.
M15	3 50	0 49	3 48	6 6	1 12	18 28	0 17	17 48	1 13	21 13	0 42	19 7	1 37	21 1	0 2	12 30	1 19	30 5	6 48	20 7	20 26	10 14		n.a.
T 16	3 27	5s58	4 34	5 9	1 3	18 13	0 21	17 35	1 14	21 11	0 42	19 7	1 37	21 1	0 2	12 29	1 19	30 4	6 48	20 9	20 27	10 17		n.a.
W17	3 4	12 23	5 0	4 11	0 55	17 57	0 25	17 21	1 14	21 8	0 42	19 6	1 38	21 1	0 2	12 28	1 19	30 4	6 48	20 11	20 28	10 20		n.a.
T 18	2 40	18 1	5 6	3 12	0 45	17 41	0 28	17 7	1 14	21 6	0 43	19 6	1 38	21 1	0 2	12 27	1 19	30 4	6 47	20 12	20 28	10 23		n.a.
F 19	2 17	22 26	4 50	2 12	0 36	17 24	0 32	16 53	1 14	21 4	0 43	19 6	1 38	21 1	0 2	12 27	1 19	30 4	6 47	20 14	20 29	10 26		n.a.
S 20	1 53	25 21	4 17	1 12	0 26	17 7	0 35	16 39	1 15	21 2	0 43	19 6	1 38	21 1	0 2	12 26	1 19	30 4	6 47	20 15	20 30	10 29		n.a.
S 21	1 30	26 38	3 30	0 11	0 15	16 50	0 38	16 24	1 15	21 0	0 43	19 6	1 38	21 1	0 2	12 25	1 19	30 4	6 47	20 15	20 30	10 31		n.a.
M22	1 6	26 16	2 32	0n50	0 5	16 31	0 42	16 10	1 15	20 57	0 43	19 6	1 38	21 1	0 2	12 24	1 19	30 4	6 47	20 15	20 31	10 34		n.a.
T 23	0 43	24 25	1 28	1 51	0n 6	16 13	0 45	15 55	1 15	20 55	0 44	19 5	1 38	21 1	0 2	12 24	1 19	30 4	6 47	20 15	20 32	10 37		n.a.
W24	0 19	21 22	0 21	2 52	0 17	15 54	0 48	15 40	1 16	20 53	0 44	19 5	1 38	21 1	0 2	12 23	1 20	30 4	6 47	20 15	20 32	10 40		n.a.
T 25	0n 4	17 24	0n46	3 53	0 28	15 34	0 51	15 25	1 16	20 51	0 44	19 5	1 38	21 1	0 2	12 22	1 20	30 4	6 47	20 15	20 33	10 43		n.a.
F 26	0 27	12 45	1 49	4 52	0 39	15 14	0 54	15 10	1 16	20 49	0 44	19 4	1 38	21 1	0 2	12 22	1 20	30 4	6 47	20 15	20 34	10 46		n.a.
S 27	0 51	7 41	2 47	5 51	0 50	14 54	0 57	14 55	1 16	20 47	0 44	19 4	1 38	21 0	0 2	12 21	1 20	30 3	6 46	20 16	20 34	10 48		n.a.
S 28	1 14	2 23	3 36	6 49	1 1	14 33	1 0	14 40	1 17	20 45	0 45	19 4	1 39	21 0	0 2	12 20	1 20	30 3	6 46	20 18	20 35	10 51		n.a.
M29	1 38	2n57	4 15	7 45	1 11	14 12	1 2	14 24	1 17	20 43	0 45	19 3	1 39	21 0	0 2	12 19	1 20	30 3	6 46	20 20	20 36	10 54		n.a.
T 30	2 1	8 9	4 43	8 40	1 21	13 50	1 5	14 9	1 17	20 40	0 45	19 3	1 39	21 0	0 2	12 19	1 20	30 3	6 46	20 23	20 36	10 57		n.a.
W31	2n24	13n 3	4n59	9n33	1n31	13s28	1s 8	13s53	1s17	20s38	0s45	19s 3	1n39	21s 0	0n 2	12s18	1s20	30n 3	6n46	20s25	20s37	11n 0		n.a.

Julian Day Number = 1618847.5, Delta T = 03h48m46s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'53, Lahiri = - 7°49'53 Julian Calendar 1 March 281 BCE == Greg. Calendar 26 Feb. 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

APRIL 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 20 57	6♈57'01	3♉16	22♈28	28♒54	27♒43	2♒23	1°R12	3°R 4	1♓33	10♋32	29°R41	28♑55	16♈ 9	n.a.	T 1
F 2	12 24 54	7°55'04	15°10	24°16	0♓ 4	28°29	2°33	1♐10	3♐ 3	1°35	10°33	29♑30	28°52	16°15	n.a.	F 2
S 3	12 28 50	8°53'05	27° 9	26° 2	1°14	29°15	2°42	1° 9	3° 1	1°37	10°33	29°21	28°49	16°22	n.a.	S 3
S 4	12 32 47	9°51'03	9♊14	27°44	2°25	0♓ 1	2°52	1° 7	3° 0	1°39	10°33	29°15	28°45	16°29	n.a.	S 4
M 5	12 36 44	10°49'00	21°30	29°22	3°35	0°47	3° 1	1° 5	2°59	1°41	10°33	29°11	28°42	16°35	n.a.	M 5
T 6	12 40 40	11°46'55	4♋ 1	0♉57	4°46	1°33	3°10	1° 3	2°58	1°43	10°33	29° 9	28°39	16°42	n.a.	T 6
W 7	12 44 37	12°44'48	16°51	2°28	5°56	2°18	3°19	1° 1	2°57	1°45	10°34	29°D 9	28°36	16°49	n.a.	W 7
T 8	12 48 33	13°42'40	0♌ 4	3°55	7° 7	3° 4	3°28	0°59	2°56	1°46	10°34	29°R 9	28°33	16°56	n.a.	T 8
F 9	12 52 30	14°40'29	13°45	5°18	8°18	3°49	3°37	0°56	2°54	1°48	10°34	29° 9	28°29	17° 2	n.a.	F 9
S 10	12 56 26	15°38'16	27°53	6°38	9°28	4°35	3°46	0°54	2°53	1°50	10°35	29° 6	28°26	17° 9	n.a.	S 10
S 11	13 0 23	16°36'02	12♍30	7°53	10°39	5°21	3°54	0°52	2°52	1°52	10°35	29° 1	28°23	17°16	n.a.	S 11
M12	13 4 19	17°33'45	27°30	9° 4	11°50	6° 6	4° 3	0°49	2°50	1°53	10°36	28°54	28°20	17°23	n.a.	M12
T 13	13 8 16	18°31'27	12♎46	10°12	13° 1	6°51	4°11	0°46	2°49	1°55	10°36	28°44	28°17	17°29	n.a.	T 13
W14	13 12 13	19°29'08	28° 7	11°15	14°12	7°37	4°19	0°44	2°47	1°57	10°36	28°33	28°14	17°36	n.a.	W14
T 15	13 16 9	20°26'47	13♏21	12°13	15°23	8°22	4°27	0°41	2°46	1°58	10°37	28°23	28°10	17°43	n.a.	T 15
F 16	13 20 6	21°24'25	28°18	13° 8	16°33	9° 7	4°35	0°38	2°44	2° 0	10°37	28°14	28° 7	17°49	n.a.	F 16
S 17	13 24 2	22°22'02	12♐49	13°58	17°44	9°53	4°43	0°35	2°42	2° 2	10°38	28° 8	28° 4	17°56	n.a.	S 17
S 18	13 27 59	23°19'38	26°52	14°44	18°56	10°38	4°50	0°32	2°41	2° 3	10°39	28° 4	28° 1	18° 3	n.a.	S 18
M19	13 31 55	24°17'13	10♑26	15°25	20° 7	11°23	4°58	0°29	2°39	2° 5	10°39	28° 2	27°58	18°10	n.a.	M19
T 20	13 35 52	25°14'46	23°32	16° 1	21°18	12° 8	5° 5	0°26	2°37	2° 6	10°40	28° 1	27°55	18°16	n.a.	T 20
W21	13 39 48	26°12'19	6♒15	16°33	22°29	12°53	5°12	0°23	2°35	2° 8	10°40	28° 1	27°51	18°23	n.a.	W21
T 22	13 43 45	27° 9'50	18°40	17° 1	23°40	13°38	5°19	0°20	2°34	2° 9	10°41	28° 0	27°48	18°30	n.a.	T 22
F 23	13 47 42	28° 7'21	0♓50	17°23	24°51	14°23	5°26	0°16	2°32	2°11	10°42	27°57	27°45	18°36	n.a.	F 23
S 24	13 51 38	29° 4'50	12°50	17°41	26° 3	15° 8	5°33	0°13	2°30	2°12	10°42	27°52	27°42	18°43	n.a.	S 24
S 25	13 55 35	0♉ 2'19	24°45	17°54	27°14	15°53	5°40	0°10	2°28	2°14	10°43	27°44	27°39	18°50	n.a.	S 25
M26	13 59 31	0°59'46	6♈37	18° 3	28°25	16°38	5°46	0° 6	2°26	2°15	10°44	27°33	27°35	18°57	n.a.	M26
T 27	14 3 28	1°57'13	18°28	18°R 7	29°37	17°23	5°52	0° 3	2°24	2°16	10°45	27°20	27°32	19° 3	n.a.	T 27
W28	14 7 24	2°54'38	0♉20	18° 6	0♈48	18° 7	5°59	29♏59	2°22	2°18	10°46	27° 6	27°29	19°10	n.a.	W28
T 29	14 11 21	3°52'03	12°16	18° 0	2° 0	18°52	6° 4	29°55	2°20	2°19	10°46	26°52	27°26	19°17	n.a.	T 29
F 30	14 15 17	4♉49'26	24♉15	17♉51	3♈11	19♓37	6♒10	29♏52	2♐18	2♓20	10♋47	26♑40	27♑23	19♈24	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n47	17n28	5n 1	10n24	1n40	13s 6	1s10	13s37	1s17	20s36	0s45	19s 2	1n39	21s 0	0n 2	12s17	1s20	30n 3	6n46	20s28	20s38	11n 3		n.a.
F 2	3 11	21 12	4 51	11 13	1 49	12 43	1 12	13 21	1 17	20 34	0 46	19 2	1 39	21 0	0 2	12 17	1 20	30 3	6 46	20 30	20 38	11 5		n.a.
S 3	3 34	24 6	4 28	11 59	1 57	12 20	1 15	13 5	1 18	20 32	0 46	19 1	1 39	20 59	0 2	12 16	1 20	30 3	6 46	20 32	20 39	11 8		n.a.
S 4	3 57	25 56	3 52	12 44	2 5	11 56	1 17	12 49	1 18	20 30	0 46	19 1	1 39	20 59	0 2	12 15	1 20	30 2	6 46	20 33	20 40	11 11		n.a.
M 5	4 20	26 32	3 6	13 26	2 12	11 32	1 19	12 32	1 18	20 28	0 46	19 1	1 39	20 59	0 2	12 15	1 20	30 2	6 45	20 34	20 40	11 14		n.a.
T 6	4 43	25 49	2 9	14 6	2 18	11 8	1 21	12 16	1 18	20 26	0 47	19 0	1 39	20 59	0 2	12 14	1 20	30 2	6 45	20 35	20 41	11 17		n.a.
W 7	5 6	23 44	1 5	14 43	2 24	10 44	1 23	12 0	1 18	20 25	0 47	19 0	1 39	20 58	0 2	12 14	1 20	30 2	6 45	20 35	20 42	11 19		n.a.
T 8	5 28	20 18	0s 5	15 18	2 28	10 19	1 25	11 43	1 18	20 23	0 47	18 59	1 39	20 58	0 2	12 13	1 20	30 2	6 45	20 35	20 42	11 22		n.a.
F 9	5 51	15 41	1 16	15 50	2 32	9 54	1 27	11 26	1 18	20 21	0 47	18 59	1 39	20 58	0 2	12 12	1 20	30 2	6 45	20 35	20 43	11 25		n.a.
S 10	6 14	10 4	2 26	16 20	2 35	9 29	1 29	11 10	1 18	20 19	0 48	18 58	1 39	20 58	0 2	12 12	1 20	30 2	6 45	20 35	20 43	11 28		n.a.
S 11	6 36	3 45	3 28	16 47	2 38	9 3	1 31	10 53	1 18	20 17	0 48	18 57	1 39	20 57	0 2	12 11	1 20	30 1	6 45	20 36	20 44	11 31		n.a.
M12	6 58	2s55	4 17	17 12	2 39	8 38	1 32	10 36	1 19	20 15	0 48	18 57	1 40	20 57	0 2	12 11	1 20	30 1	6 45	20 38	20 45	11 33		n.a.
T 13	7 21	9 32	4 49	17 34	2 39	8 11	1 34	10 19	1 19	20 14	0 48	18 56	1 40	20 57	0 2	12 10	1 20	30 1	6 45	20 40	20 45	11 36		n.a.
W14	7 43	15 36	5 1	17 54	2 39	7 45	1 35	10 2	1 19	20 12	0 48	18 56	1 40	20 57	0 2	12 9	1 20	30 1	6 44	20 42	20 46	11 39		n.a.
T 15	8 5	20 39	4 51	18 11	2 37	7 19	1 36	9 45	1 19	20 10	0 49	18 55	1 40	20 56	0 2	12 9	1 20	30 1	6 44	20 44	20 47	11 42		n.a.
F 16	8 27	24 15	4 21	18 26	2 35	6 52	1 38	9 28	1 19	20 8	0 49	18 54	1 40	20 56	0 2	12 8	1 20	30 1	6 44	20 46	20 47	11 44		n.a.
S 17	8 49	26 9	3 35	18 38	2 32	6 25	1 39	9 10	1 19	20 7	0 49	18 54	1 40	20 56	0 2	12 8	1 20	30 1	6 44	20 47	20 48	11 47		n.a.
S 18	9 10	26 18	2 37	18 48	2 27	5 58	1 40	8 53	1 19	20 5	0 49	18 53	1 40	20 55	0 2	12 7	1 20	30 0	6 44	20 48	20 49	11 50		n.a.
M19	9 32	24 50	1 32	18 55	2 22	5 30	1 41	8 36	1 19	20 4	0 50	18 52	1 40	20 55	0 2	12 7	1 20	30 0	6 44	20 48	20 49	11 53		n.a.
T 20	9 53	22 2	0 24	19 0	2 16	5 3	1 42	8 18	1 19	20 2	0 50	18 52	1 40	20 55	0 2	12 6	1 21	30 0	6 44	20 49	20 50	11 56		n.a.
W21	10 14	18 14	0n43	19 2	2 8	4 35	1 43	8 1	1 19	20 1	0 50	18 51	1 40	20 54	0 2	12 6	1 21	30 0	6 44	20 49	20 51	11 58		n.a.
T 22	10 35	13 44	1 47	19 2	2 0	4 7	1 43	7 43	1 19	19 59	0 50	18 50	1 40	20 54	0 2	12 5	1 21	30 0	6 44	20 49	20 51	12 1		n.a.
F 23	10 56	8 46	2 44	19 0	1 51	3 39	1 44	7 26	1 19	19 58	0 51	18 50	1 40	20 54	0 2	12 5	1 21	30 0	6 43	20 49	20 52	12 4		n.a.
S 24	11 17	3 33	3 33	18 55	1 41	3 11	1 45	7 8	1 19	19 56	0 51	18 49	1 40	20 53	0 2	12 4	1 21	29 59	6 43	20 50	20 52	12 6		n.a.
S 25	11 37	1n44	4 12	18 48	1 29	2 43	1 45	6 50	1 19	19 55	0 51	18 48	1 40	20 53	0 2	12 4	1 21	29 59	6 43	20 52	20 53	12 9		n.a.
M26	11 58	6 56	4 40	18 39	1 17	2 15	1 46	6 33	1 19	19 53	0 52	18 47	1 40	20 52	0 2	12 3	1 21	29 59	6 43	20 54	20 54	12 12		n.a.
T 27	12 18	11 52	4 56	18 28	1 4	1 46	1 46	6 15	1 19	19 52	0 52	18 47	1 40	20 52	0 2	12 3	1 21	29 59	6 43	20 57	20 54	12 15		n.a.
W28	12 38	16 23	4 59	18 14	0 50	1 18	1 46	5 57	1 19	19 51	0 52	18 46	1 40	20 52	0 2	12 2	1 21	29 59	6 43	21 0	20 55	12 17		n.a.
T 29	12 58	20 17	4 49	17 59	0 36	0 49	1 46	5 40	1 19	19 50	0 52	18 45	1 40	20 51	0 2	12 2	1 21	29 59	6 43	21 2	20 56	12 20		n.a.
F 30	13n17	23n21	4n26	17n41	0n20	0s21	1s47	5s22	1s19	19s48	0s53	18s44	1n40	20s51	0n 2	12s 1	1s21	29n58	6n43	21s 5	20s56	12n23		n.a.

Julian Day Number = 1618878.5, Delta T = 03h48m45s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'49, Lahiri = - 7°49'49 Julian Calendar 1 Apr. 281 BCE == Greg. Calendar 28 March 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

MAY 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 19 14	5♉46'49	6♊20	17°R37	4♈23	20♓21	6♒16	29°R48	2°R16	2♓22	10♋48	26°R29	27♑20	19♈30	n.a.	S 1
S 2	14 23 11	6°44'10	18°32	17♉19	5°34	21° 6	6°21	29♏44	2♐14	2°23	10°49	26♑22	27°16	19°37	n.a.	S 2
M 3	14 27 7	7°41'30	0♋54	16°58	6°46	21°50	6°27	29°40	2°12	2°24	10°50	26°17	27°13	19°44	n.a.	M 3
T 4	14 31 4	8°38'49	13°29	16°34	7°57	22°34	6°32	29°36	2°10	2°25	10°51	26°15	27°10	19°50	n.a.	T 4
W 5	14 35 0	9°36'07	26°20	16° 6	9° 9	23°19	6°37	29°32	2° 7	2°26	10°52	26°D14	27° 7	19°57	n.a.	W 5
T 6	14 38 57	10°33'24	9♌31	15°37	10°20	24° 3	6°42	29°28	2° 5	2°27	10°53	26°R15	27° 4	20° 4	n.a.	T 6
F 7	14 42 53	11°30'39	23° 5	15° 5	11°32	24°47	6°46	29°24	2° 3	2°29	10°54	26°14	27° 1	20°11	n.a.	F 7
S 8	14 46 50	12°27'54	7♍ 4	14°33	12°44	25°31	6°51	29°20	2° 1	2°30	10°55	26°12	26°57	20°17	n.a.	S 8
S 9	14 50 46	13°25'07	21°29	13°59	13°56	26°15	6°55	29°16	1°58	2°31	10°56	26° 8	26°54	20°24	n.a.	S 9
M10	14 54 43	14°22'20	6♎16	13°25	15° 7	26°59	6°59	29°12	1°56	2°32	10°57	26° 1	26°51	20°31	n.a.	M10
T 11	14 58 40	15°19'31	21°21	12°52	16°19	27°43	7° 3	29° 8	1°54	2°33	10°58	25°52	26°48	20°37	n.a.	T 11
W12	15 2 36	16°16'42	6♏33	12°20	17°31	28°27	7° 7	29° 3	1°52	2°34	10°59	25°43	26°45	20°44	n.a.	W12
T 13	15 6 33	17°13'52	21°43	11°49	18°43	29°11	7°10	28°59	1°49	2°34	11° 1	25°33	26°41	20°51	n.a.	T 13
F 14	15 10 29	18°11'02	6♐40	11°20	19°55	29°55	7°14	28°55	1°47	2°35	11° 2	25°25	26°38	20°58	n.a.	F 14
S 15	15 14 26	19° 8'11	21°15	10°54	21° 7	0♈38	7°17	28°51	1°45	2°36	11° 3	25°19	26°35	21° 4	n.a.	S 15
S 16	15 18 22	20° 5'20	5♑23	10°31	22°19	1°22	7°20	28°46	1°42	2°37	11° 4	25°15	26°32	21°11	n.a.	S 16
M17	15 22 19	21° 2'29	19° 3	10°11	23°31	2° 5	7°23	28°42	1°40	2°38	11° 5	25°D13	26°29	21°18	n.a.	M17
T 18	15 26 16	21°59'37	2♒14	9°55	24°43	2°49	7°26	28°38	1°37	2°38	11° 7	25°13	26°26	21°25	n.a.	T 18
W19	15 30 12	22°56'45	15° 1	9°43	25°55	3°32	7°28	28°33	1°35	2°39	11° 8	25°14	26°22	21°31	n.a.	W19
T 20	15 34 9	23°53'53	27°27	9°35	27° 7	4°16	7°30	28°29	1°33	2°40	11° 9	25°R14	26°19	21°38	n.a.	T 20
F 21	15 38 5	24°51'01	9♓38	9°D32	28°19	4°59	7°33	28°25	1°30	2°41	11°11	25°13	26°16	21°45	n.a.	F 21
S 22	15 42 2	25°48'09	21°38	9°33	29°31	5°42	7°34	28°20	1°28	2°41	11°12	25°10	26°13	21°51	n.a.	S 22
S 23	15 45 58	26°45'16	3♈31	9°38	0♉43	6°25	7°36	28°16	1°25	2°42	11°13	25° 4	26°10	21°58	n.a.	S 23
M24	15 49 55	27°42'24	15°22	9°49	1°55	7° 9	7°38	28°11	1°23	2°42	11°15	24°57	26° 6	22° 5	n.a.	M24
T 25	15 53 51	28°39'32	27°14	10° 4	3° 8	7°52	7°39	28° 7	1°21	2°43	11°16	24°47	26° 3	22°12	n.a.	T 25
W26	15 57 48	29°36'39	9♉10	10°24	4°20	8°34	7°40	28° 3	1°18	2°43	11°17	24°37	26° 0	22°18	n.a.	W26
T 27	16 1 45	0♊33'47	21°11	10°49	5°32	9°17	7°41	27°58	1°16	2°44	11°19	24°27	25°57	22°25	n.a.	T 27
F 28	16 5 41	1°30'54	3♊19	11°18	6°45	10° 0	7°42	27°54	1°13	2°44	11°20	24°18	25°54	22°32	n.a.	F 28
S 29	16 9 38	2°28'02	15°34	11°52	7°57	10°43	7°43	27°50	1°11	2°45	11°22	24°10	25°51	22°39	n.a.	S 29
S 30	16 13 34	3°25'09	28° 0	12°31	9° 9	11°25	7°43	27°45	1° 8	2°45	11°23	24° 5	25°47	22°45	n.a.	S 30
M31	16 17 31	4♊22'17	10♋35	13♉14	10♉22	12♈ 8	7♒43	27♏41	1♐ 6	2♓45	11♋25	24♑ 2	25♑44	22♈52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n37	25n25	3n51	17n22	0n 5	0n 8	1s47	5s 4	1s18	19s47	0s53	18s43	1n40	20s51	0n 2	12s 1	1s21	29n58	6n43	21s 7	20s57	12n26		n.a.
S 2	13 56	26 18	3 5	17 1	0s12	0 37	1 46	4 46	1 18	19 46	0 53	18 43	1 40	20 50	0 2	12 1	1 21	29 58	6 43	21 8	20 58	12 28		n.a.
M 3	14 15	25 53	2 10	16 39	0 29	1 5	1 46	4 28	1 18	19 45	0 53	18 42	1 40	20 50	0 2	12 0	1 21	29 58	6 42	21 9	20 58	12 31		n.a.
T 4	14 33	24 9	1 7	16 16	0 46	1 34	1 46	4 11	1 18	19 44	0 54	18 41	1 40	20 49	0 2	12 0	1 21	29 58	6 42	21 9	20 59	12 34		n.a.
W 5	14 52	21 8	0s 0	15 51	1 3	2 3	1 46	3 53	1 18	19 43	0 54	18 40	1 40	20 49	0 2	12 0	1 21	29 58	6 42	21 10	20 59	12 36		n.a.
T 6	15 10	16 58	1 10	15 27	1 20	2 32	1 45	3 35	1 18	19 42	0 54	18 39	1 40	20 48	0 1	11 59	1 21	29 57	6 42	21 10	21 0	12 39		n.a.
F 7	15 28	11 50	2 17	15 1	1 37	3 0	1 45	3 17	1 18	19 41	0 55	18 38	1 40	20 48	0 1	11 59	1 21	29 57	6 42	21 10	21 1	12 42		n.a.
S 8	15 46	5 57	3 18	14 36	1 53	3 29	1 45	2 59	1 18	19 40	0 55	18 38	1 40	20 48	0 1	11 58	1 21	29 57	6 42	21 10	21 1	12 44		n.a.
S 9	16 3	0s23	4 9	14 10	2 9	3 58	1 44	2 41	1 18	19 39	0 55	18 37	1 40	20 47	0 1	11 58	1 21	29 57	6 42	21 11	21 2	12 47		n.a.
M10	16 21	6 52	4 44	13 46	2 25	4 27	1 43	2 24	1 17	19 39	0 55	18 36	1 40	20 47	0 1	11 58	1 21	29 57	6 42	21 12	21 3	12 50		n.a.
T 11	16 38	13 4	5 1	13 22	2 39	4 55	1 43	2 6	1 17	19 38	0 56	18 35	1 40	20 46	0 1	11 58	1 22	29 57	6 42	21 14	21 3	12 52		n.a.
W12	16 54	18 31	4 57	12 59	2 53	5 24	1 42	1 48	1 17	19 37	0 56	18 34	1 40	20 46	0 1	11 57	1 22	29 56	6 42	21 16	21 4	12 55		n.a.
T 13	17 11	22 46	4 31	12 37	3 6	5 52	1 41	1 30	1 17	19 37	0 56	18 33	1 40	20 45	0 1	11 57	1 22	29 56	6 42	21 17	21 4	12 58		n.a.
F 14	17 27	25 26	3 48	12 17	3 17	6 20	1 40	1 12	1 17	19 36	0 57	18 32	1 40	20 45	0 1	11 57	1 22	29 56	6 42	21 19	21 5	13 0		n.a.
S 15	17 43	26 16	2 50	11 59	3 28	6 49	1 39	0 55	1 17	19 35	0 57	18 31	1 40	20 44	0 1	11 56	1 22	29 56	6 41	21 20	21 6	13 3		n.a.
S 16	17 59	25 21	1 44	11 43	3 37	7 17	1 38	0 37	1 16	19 35	0 57	18 30	1 40	20 44	0 1	11 56	1 22	29 56	6 41	21 21	21 6	13 6		n.a.
M17	18 14	22 54	0 33	11 30	3 45	7 45	1 37	0 19	1 16	19 34	0 57	18 29	1 40	20 43	0 1	11 56	1 22	29 55	6 41	21 21	21 7	13 8		n.a.
T 18	18 29	19 18	0n37	11 18	3 51	8 12	1 35	0 1	1 16	19 34	0 58	18 29	1 40	20 43	0 1	11 56	1 22	29 55	6 41	21 21	21 7	13 11		n.a.
W19	18 44	14 53	1 44	11 10	3 57	8 40	1 34	0n16	1 16	19 34	0 58	18 28	1 40	20 42	0 1	11 56	1 22	29 55	6 41	21 21	21 8	13 14		n.a.
T 20	18 58	9 57	2 43	11 3	4 1	9 8	1 33	0 34	1 15	19 33	0 58	18 27	1 40	20 42	0 1	11 55	1 22	29 55	6 41	21 21	21 9	13 16		n.a.
F 21	19 13	4 45	3 34	11 0	4 3	9 35	1 31	0 51	1 15	19 33	0 59	18 26	1 40	20 41	0 1	11 55	1 22	29 55	6 41	21 21	21 9	13 19		n.a.
S 22	19 27	0n32	4 14	10 59	4 5	10 2	1 30	1 9	1 15	19 33	0 59	18 25	1 39	20 41	0 1	11 55	1 22	29 55	6 41	21 22	21 10	13 22		n.a.
S 23	19 40	5 44	4 43	11 0	4 5	10 29	1 29	1 26	1 15	19 33	0 59	18 24	1 39	20 40	0 1	11 55	1 22	29 54	6 41	21 23	21 10	13 24		n.a.
M24	19 53	10 44	5 0	11 4	4 4	10 56	1 27	1 44	1 14	19 33	0 59	18 23	1 39	20 40	0 1	11 55	1 22	29 54	6 41	21 24	21 11	13 27		n.a.
T 25	20 6	15 20	5 4	11 11	4 2	11 22	1 25	2 1	1 14	19 33	1 0	18 22	1 39	20 39	0 1	11 54	1 22	29 54	6 41	21 26	21 12	13 30		n.a.
W26	20 19	19 22	4 55	11 20	3 59	11 48	1 24	2 19	1 14	19 32	1 0	18 21	1 39	20 39	0 1	11 54	1 22	29 54	6 41	21 28	21 12	13 32		n.a.
T 27	20 31	22 39	4 32	11 32	3 55	12 14	1 22	2 36	1 14	19 33	1 0	18 20	1 39	20 38	0 1	11 54	1 22	29 54	6 41	21 29	21 13	13 35		n.a.
F 28	20 43	24 57	3 58	11 45	3 50	12 40	1 20	2 53	1 13	19 33	1 1	18 19	1 39	20 38	0 1	11 54	1 22	29 54	6 41	21 31	21 13	13 37		n.a.
S 29	20 54	26 6	3 11	12 1	3 44	13 6	1 18	3 11	1 13	19 33	1 1	18 19	1 39	20 37	0 1	11 54	1 23	29 53	6 41	21 32	21 14	13 40		n.a.
S 30	21 6	25 58	2 15	12 20	3 38	13 31	1 17	3 28	1 13	19 33	1 1	18 18	1 39	20 37	0 1	11 54	1 23	29 53	6 41	21 33	21 15	13 43		n.a.
M31	21n16	24n30	1n12	12n40	3s30	13n56	1s15	3n45	1s12	19s33	1s 2	18s17	1n39	20s36	0n 1	11s54	1s23	29n53	6n41	21s34	21s15	13n45		n.a.

Julian Day Number = 1618908.5, Delta T = 03h48m44s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'45, Lahiri = - 7°49'45 Julian Calendar 1 May 281 BCE == Greg. Calendar 27 Apr. 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

JUNE 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 21 27	5♊19'24	23♋22	14♉ 2	11♉34	12♈51	7°R43	27°R36	1°R 3	2♓46	11♋26	24°D 1	25♑41	22♈59	n.a.	T 1
W 2	16 25 24	6°16'31	6♌24	14°54	12°47	13°33	7♒43	27♏32	1♐ 1	2°46	11°28	24♑ 1	25°38	23° 5	n.a.	W 2
T 3	16 29 20	7°13'37	19°41	15°51	13°59	14°15	7°43	27°28	0°59	2°46	11°29	24° 3	25°35	23°12	n.a.	T 3
F 4	16 33 17	8°10'44	3♍15	16°52	15°12	14°57	7°42	27°24	0°56	2°46	11°31	24°R 4	25°32	23°19	n.a.	F 4
S 5	16 37 14	9° 7'50	17° 9	17°57	16°24	15°40	7°41	27°19	0°54	2°47	11°32	24° 3	25°28	23°26	n.a.	S 5
S 6	16 41 10	10° 4'56	1♎23	19° 7	17°37	16°22	7°40	27°15	0°51	2°47	11°34	24° 2	25°25	23°32	n.a.	S 6
M 7	16 45 7	11° 2'02	15°54	20°20	18°50	17° 4	7°39	27°11	0°49	2°47	11°35	23°58	25°22	23°39	n.a.	M 7
T 8	16 49 3	11°59'08	0♏38	21°38	20° 2	17°46	7°38	27° 7	0°47	2°47	11°37	23°53	25°19	23°46	n.a.	T 8
W 9	16 53 0	12°56'15	15°29	23° 0	21°15	18°28	7°36	27° 3	0°44	2°47	11°39	23°47	25°16	23°53	n.a.	W 9
T 10	16 56 56	13°53'21	0♐20	24°26	22°28	19° 9	7°35	26°58	0°42	2°R47	11°40	23°41	25°12	23°59	n.a.	T 10
F 11	17 0 53	14°50'28	15° 2	25°56	23°40	19°51	7°33	26°54	0°40	2°47	11°42	23°36	25° 9	24° 6	n.a.	F 11
S 12	17 4 50	15°47'35	29°27	27°29	24°53	20°33	7°31	26°50	0°37	2°47	11°43	23°33	25° 6	24°13	n.a.	S 12
S 13	17 8 46	16°44'43	13♑31	29° 7	26° 6	21°14	7°28	26°46	0°35	2°47	11°45	23°31	25° 3	24°19	n.a.	S 13
M14	17 12 43	17°41'51	27°10	0♊48	27°19	21°56	7°26	26°42	0°33	2°47	11°47	23°D30	25° 0	24°26	n.a.	M14
T 15	17 16 39	18°39'00	10♒23	2°32	28°32	22°37	7°23	26°38	0°30	2°46	11°48	23°31	24°57	24°33	n.a.	T 15
W16	17 20 36	19°36'09	23°13	4°20	29°45	23°18	7°20	26°35	0°28	2°46	11°50	23°33	24°53	24°40	n.a.	W16
T 17	17 24 32	20°33'20	5♓43	6°11	0♊58	23°59	7°17	26°31	0°26	2°46	11°52	23°34	24°50	24°46	n.a.	T 17
F 18	17 28 29	21°30'31	17°56	8° 4	2°11	24°40	7°14	26°27	0°24	2°46	11°54	23°R35	24°47	24°53	n.a.	F 18
S 19	17 32 25	22°27'43	29°58	10° 1	3°24	25°21	7°11	26°23	0°21	2°46	11°55	23°35	24°44	25° 0	n.a.	S 19
S 20	17 36 22	23°24'56	11♈53	11°59	4°37	26° 2	7° 7	26°20	0°19	2°45	11°57	23°33	24°41	25° 7	n.a.	S 20
M21	17 40 19	24°22'09	23°45	14° 0	5°50	26°43	7° 3	26°16	0°17	2°45	11°59	23°31	24°38	25°13	n.a.	M21
T 22	17 44 15	25°19'24	5♉39	16° 3	7° 3	27°24	6°59	26°12	0°15	2°44	12° 0	23°27	24°34	25°20	n.a.	T 22
W23	17 48 12	26°16'40	17°38	18° 7	8°16	28° 5	6°55	26° 9	0°13	2°44	12° 2	23°22	24°31	25°27	n.a.	W23
T 24	17 52 8	27°13'57	29°46	20°12	9°29	28°45	6°51	26° 5	0°11	2°44	12° 4	23°18	24°28	25°33	n.a.	T 24
F 25	17 56 5	28°11'14	12♊ 3	22°17	10°43	29°26	6°46	26° 2	0° 9	2°43	12° 6	23°14	24°25	25°40	n.a.	F 25
S 26	18 0 1	29° 8'33	24°33	24°24	11°56	0♉ 6	6°42	25°59	0° 7	2°43	12° 7	23°11	24°22	25°47	n.a.	S 26
S 27	18 3 58	0♋ 5'53	7♋14	26°30	13° 9	0°46	6°37	25°55	0° 5	2°42	12° 9	23° 9	24°18	25°54	n.a.	S 27
M28	18 7 54	1° 3'13	20° 9	28°37	14°22	1°27	6°32	25°52	0° 3	2°42	12°11	23°D 8	24°15	26° 0	n.a.	M28
T 29	18 11 51	2° 0'34	3♌17	0♋43	15°36	2° 7	6°27	25°49	0° 1	2°41	12°13	23° 8	24°12	26° 7	n.a.	T 29
W30	18 15 48	2♋57'56	16♌38	2♋48	16♊49	2♉47	6♒22	25♏46	29♏59	2♓40	12♋15	23♑ 9	24♑ 9	26♈14	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n27	21n44	0n 3	13n 2	3s22	14n20	1s13	4n 2	1s12	19s33	1s 2	18s16	1n39	20s36	0n 1	11s54	1s23	29n53	6n41	21s34	21s16	13n48		n.a.
W 2	21 37	17 50	1s 6	13 26	3 13	14 44	1 11	4 19	1 12	19 34	1 2	18 15	1 39	20 36	0 1	11 54	1 23	29 53	6 41	21 34	21 16	13 50		n.a.
T 3	21 47	12 59	2 14	13 51	3 4	15 8	1 9	4 36	1 11	19 34	1 3	18 14	1 38	20 35	0 1	11 54	1 23	29 52	6 40	21 34	21 17	13 53		n.a.
F 4	21 56	7 24	3 16	14 18	2 54	15 32	1 7	4 52	1 11	19 35	1 3	18 13	1 38	20 35	0 1	11 54	1 23	29 52	6 40	21 34	21 18	13 56		n.a.
S 5	22 5	1 20	4 7	14 47	2 43	15 55	1 4	5 9	1 10	19 35	1 3	18 12	1 38	20 34	0 1	11 54	1 23	29 52	6 40	21 34	21 18	13 58		n.a.
S 6	22 14	4s54	4 45	15 16	2 32	16 18	1 2	5 26	1 10	19 36	1 3	18 11	1 38	20 34	0 1	11 54	1 23	29 52	6 40	21 34	21 19	14 1		n.a.
M 7	22 22	11 1	5 6	15 47	2 21	16 40	1 0	5 43	1 10	19 36	1 4	18 11	1 38	20 33	0 1	11 54	1 23	29 52	6 40	21 35	21 19	14 3		n.a.
T 8	22 30	16 37	5 7	16 19	2 9	17 2	0 58	5 59	1 9	19 37	1 4	18 10	1 38	20 33	0 1	11 54	1 23	29 52	6 40	21 35	21 20	14 6		n.a.
W 9	22 38	21 15	4 47	16 52	1 57	17 24	0 56	6 16	1 9	19 38	1 4	18 9	1 38	20 32	0 1	11 54	1 23	29 51	6 40	21 36	21 21	14 8		n.a.
T 10	22 45	24 31	4 8	17 25	1 45	17 45	0 53	6 32	1 9	19 38	1 5	18 8	1 38	20 32	0 1	11 54	1 23	29 51	6 40	21 37	21 21	14 11		n.a.
F 11	22 51	26 5	3 14	17 59	1 32	18 6	0 51	6 48	1 8	19 39	1 5	18 7	1 38	20 31	0 1	11 54	1 23	29 51	6 40	21 38	21 22	14 14		n.a.
S 12	22 58	25 51	2 7	18 33	1 19	18 26	0 49	7 4	1 8	19 40	1 5	18 6	1 37	20 31	0 1	11 54	1 23	29 51	6 40	21 39	21 22	14 16		n.a.
S 13	23 4	23 56	0 54	19 7	1 7	18 46	0 46	7 21	1 7	19 41	1 6	18 6	1 37	20 30	0 1	11 54	1 23	29 51	6 40	21 39	21 23	14 19		n.a.
M14	23 9	20 39	0n20	19 41	0 54	19 5	0 44	7 37	1 7	19 42	1 6	18 5	1 37	20 30	0 1	11 54	1 23	29 51	6 40	21 39	21 23	14 21		n.a.
T 15	23 14	16 24	1 31	20 15	0 42	19 24	0 42	7 53	1 6	19 43	1 6	18 4	1 37	20 29	0 1	11 54	1 23	29 51	6 40	21 39	21 24	14 24		n.a.
W16	23 19	11 30	2 35	20 47	0 29	19 42	0 39	8 8	1 6	19 44	1 6	18 3	1 37	20 29	0 1	11 54	1 24	29 50	6 40	21 39	21 25	14 26		n.a.
T 17	23 23	6 17	3 30	21 20	0 17	20 0	0 37	8 24	1 5	19 45	1 7	18 3	1 37	20 28	0 1	11 55	1 24	29 50	6 40	21 39	21 25	14 29		n.a.
F 18	23 27	0 56	4 14	21 50	0 5	20 17	0 34	8 40	1 5	19 46	1 7	18 2	1 37	20 28	0 1	11 55	1 24	29 50	6 40	21 39	21 26	14 31		n.a.
S 19	23 31	4n21	4 46	22 20	0n 7	20 34	0 32	8 56	1 4	19 47	1 7	18 1	1 36	20 27	0 1	11 55	1 24	29 50	6 40	21 39	21 26	14 34		n.a.
S 20	23 34	9 26	5 6	22 48	0 18	20 50	0 29	9 11	1 4	19 48	1 8	18 0	1 36	20 27	0 1	11 55	1 24	29 50	6 40	21 39	21 27	14 36		n.a.
M21	23 37	14 9	5 12	23 14	0 29	21 6	0 27	9 26	1 4	19 50	1 8	18 0	1 36	20 26	0 1	11 55	1 24	29 50	6 40	21 39	21 28	14 39		n.a.
T 22	23 39	18 21	5 5	23 38	0 39	21 21	0 24	9 42	1 3	19 51	1 8	17 59	1 36	20 26	0 1	11 55	1 24	29 49	6 40	21 40	21 28	14 41		n.a.
W23	23 41	21 51	4 45	24 0	0 49	21 36	0 22	9 57	1 2	19 52	1 8	17 58	1 36	20 26	0 1	11 56	1 24	29 49	6 40	21 41	21 29	14 44		n.a.
T 24	23 42	24 26	4 12	24 19	0 58	21 50	0 19	10 12	1 2	19 54	1 9	17 58	1 36	20 25	0 1	11 56	1 24	29 49	6 40	21 42	21 29	14 46		n.a.
F 25	23 43	25 55	3 27	24 36	1 6	22 3	0 17	10 27	1 1	19 55	1 9	17 57	1 36	20 25	0 1	11 56	1 24	29 49	6 40	21 42	21 30	14 49		n.a.
S 26	23 44	26 7	2 31	24 50	1 13	22 16	0 14	10 42	1 1	19 56	1 9	17 56	1 35	20 24	0 1	11 56	1 24	29 49	6 40	21 43	21 30	14 51		n.a.
S 27	23 44	24 58	1 26	25 1	1 20	22 28	0 12	10 56	1 0	19 58	1 10	17 56	1 35	20 24	0 1	11 56	1 24	29 49	6 41	21 43	21 31	14 54		n.a.
M28	23 44	22 28	0 16	25 10	1 26	22 39	0 9	11 11	1 0	19 59	1 10	17 55	1 35	20 23	0 1	11 57	1 24	29 49	6 41	21 43	21 31	14 56		n.a.
T 29	23 43	18 46	0s56	25 15	1 32	22 50	0 7	11 26	0 59	20 1	1 10	17 55	1 35	20 23	0 1	11 57	1 24	29 48	6 41	21 43	21 32	14 59		n.a.
W30	23n42	14n 3	2s 6	25n18	1n36	23n 0	0s 4	11n40	0s59	20s 3	1s10	17s54	1n35	20s23	0n 1	11s57	1s24	29n48	6n41	21s43	21s33	15n 1		n.a.

Julian Day Number = 1618939.5, Delta T = 03h48m42s
Ecliptic obliquity = 23°43'49, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'41, Lahiri = - 7°49'40 Julian Calendar 1 June 281 BCE == Greg. Calendar 28 May 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

JULY 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 19 44	3♋55'19	0♍11	4♋53	18♊ 3	3♉27	6°R16	25°R43	29°R57	2°R40	12♋16	23♑11	24♑ 6	26♈20	n.a.	T 1
F 2	18 23 41	4°52'43	13°57	6°57	19°16	4° 6	6♒11	25♏40	29♏55	2♓39	12°18	23°12	24° 3	26°27	n.a.	F 2
S 3	18 27 37	5°50'07	27°55	9° 0	20°30	4°46	6° 5	25°37	29°53	2°38	12°20	23°13	23°59	26°34	n.a.	S 3
S 4	18 31 34	6°47'32	12♎ 4	11° 1	21°43	5°26	5°59	25°35	29°51	2°38	12°22	23°R13	23°56	26°41	n.a.	S 4
M 5	18 35 30	7°44'58	26°22	13° 2	22°57	6° 5	5°53	25°32	29°50	2°37	12°24	23°12	23°53	26°47	n.a.	M 5
T 6	18 39 27	8°42'24	10♏46	15° 1	24°10	6°44	5°47	25°29	29°48	2°36	12°25	23°11	23°50	26°54	n.a.	T 6
W 7	18 43 23	9°39'52	25°13	16°58	25°24	7°24	5°41	25°27	29°46	2°35	12°27	23° 9	23°47	27° 1	n.a.	W 7
T 8	18 47 20	10°37'21	9♐37	18°54	26°37	8° 3	5°34	25°24	29°45	2°34	12°29	23° 8	23°44	27° 8	n.a.	T 8
F 9	18 51 17	11°34'51	23°53	20°49	27°51	8°42	5°28	25°22	29°43	2°33	12°31	23° 6	23°40	27°14	n.a.	F 9
S 10	18 55 13	12°32'22	7♑57	22°42	29° 5	9°21	5°21	25°20	29°41	2°33	12°33	23° 5	23°37	27°21	n.a.	S 10
S 11	18 59 10	13°29'54	21°44	24°34	0♋19	10° 0	5°15	25°17	29°40	2°32	12°34	23°D 5	23°34	27°28	n.a.	S 11
M12	19 3 6	14°27'27	5♒13	26°24	1°32	10°38	5° 8	25°15	29°38	2°31	12°36	23° 5	23°31	27°34	n.a.	M12
T 13	19 7 3	15°25'02	18°21	28°13	2°46	11°17	5° 1	25°13	29°37	2°30	12°38	23° 6	23°28	27°41	n.a.	T 13
W14	19 10 59	16°22'39	1♓ 9	0♌ 0	4° 0	11°56	4°54	25°11	29°35	2°29	12°40	23° 6	23°24	27°48	n.a.	W14
T 15	19 14 56	17°20'17	13°39	1°46	5°14	12°34	4°47	25° 9	29°34	2°28	12°42	23° 7	23°21	27°55	n.a.	T 15
F 16	19 18 53	18°17'56	25°54	3°31	6°28	13°12	4°39	25° 8	29°33	2°27	12°43	23° 8	23°18	28° 1	n.a.	F 16
S 17	19 22 49	19°15'37	7♈57	5°14	7°42	13°50	4°32	25° 6	29°31	2°25	12°45	23° 8	23°15	28° 8	n.a.	S 17
S 18	19 26 46	20°13'20	19°53	6°55	8°56	14°28	4°25	25° 4	29°30	2°24	12°47	23°R 8	23°12	28°15	n.a.	S 18
M19	19 30 42	21°11'05	1♉47	8°35	10°10	15° 6	4°17	25° 3	29°29	2°23	12°49	23° 8	23° 9	28°22	n.a.	M19
T 20	19 34 39	22° 8'52	13°42	10°14	11°24	15°44	4°10	25° 1	29°28	2°22	12°51	23° 8	23° 5	28°28	n.a.	T 20
W21	19 38 35	23° 6'40	25°43	11°51	12°38	16°22	4° 2	25° 0	29°27	2°21	12°52	23°D 8	23° 2	28°35	n.a.	W21
T 22	19 42 32	24° 4'30	7♊55	13°27	13°52	17° 0	3°54	24°59	29°26	2°20	12°54	23° 8	22°59	28°42	n.a.	T 22
F 23	19 46 28	25° 2'22	20°20	15° 1	15° 6	17°37	3°47	24°58	29°25	2°18	12°56	23° 8	22°56	28°48	n.a.	F 23
S 24	19 50 25	26° 0'16	3♋ 0	16°34	16°20	18°14	3°39	24°57	29°24	2°17	12°58	23° 8	22°53	28°55	n.a.	S 24
S 25	19 54 22	26°58'12	15°58	18° 6	17°34	18°52	3°31	24°56	29°23	2°16	12°59	23° 8	22°50	29° 2	n.a.	S 25
M26	19 58 18	27°56'09	29°14	19°36	18°49	19°29	3°23	24°55	29°22	2°15	13° 1	23°R 8	22°46	29° 9	n.a.	M26
T 27	20 2 15	28°54'08	12♌46	21° 5	20° 3	20° 6	3°15	24°54	29°21	2°13	13° 3	23° 8	22°43	29°15	n.a.	T 27
W28	20 6 11	29°52'09	26°33	22°32	21°17	20°42	3° 7	24°53	29°20	2°12	13° 5	23° 8	22°40	29°22	n.a.	W28
T 29	20 10 8	0♌50'11	10♍32	23°58	22°31	21°19	3° 0	24°53	29°19	2°11	13° 6	23° 7	22°37	29°29	n.a.	T 29
F 30	20 14 4	1°48'14	24°40	25°23	23°46	21°56	2°52	24°52	29°19	2° 9	13° 8	23° 6	22°34	29°36	n.a.	F 30
S 31	20 18 1	2♌46'19	8♎53	26♌46	25♋ 0	22♉32	2♒44	24♏52	29♏18	2♓ 8	13♋10	23♑ 5	22♑30	29♈42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n40	8n35	3s10	25n18	1n40	23n 9	0s 2	11n54	0s58	20s 4	1s11	17s54	1n35	20s22	0n 1	11s58	1s24	29n48	6n41	21s43	21s33	15n 4		n.a.	
F 2	23 38	2 38	4 5	25 16	1 43	23 18	0n 1	12 8	0 58	20 6	1 11	17 53	1 34	20 22	0 1	11 58	1 24	29 48	6 41	21 43	21 34	15 6		n.a.	
S 3	23 36	3s31	4 45	25 11	1 46	23 26	0 3	12 22	0 57	20 8	1 11	17 53	1 34	20 21	0 1	11 58	1 24	29 48	6 41	21 42	21 34	15 9		n.a.	
S 4	23 33	9 34	5 10	25 3	1 47	23 34	0 6	12 36	0 56	20 9	1 11	17 52	1 34	20 21	0 1	11 58	1 24	29 48	6 41	21 42	21 35	15 11		n.a.	
M 5	23 30	15 11	5 15	24 53	1 48	23 41	0 8	12 50	0 56	20 11	1 12	17 52	1 34	20 21	0 1	11 59	1 24	29 48	6 41	21 43	21 35	15 14		n.a.	
T 6	23 26	19 59	5 1	24 40	1 49	23 47	0 11	13 4	0 55	20 13	1 12	17 51	1 34	20 20	0 1	11 59	1 25	29 48	6 41	21 43	21 36	15 16		n.a.	
W 7	23 22	23 37	4 28	24 26	1 48	23 52	0 13	13 17	0 54	20 15	1 12	17 51	1 33	20 20	0 1	11 59	1 25	29 47	6 41	21 43	21 37	15 19		n.a.	
T 8	23 18	25 45	3 38	24 9	1 48	23 57	0 16	13 31	0 54	20 16	1 12	17 50	1 33	20 20	0 1	12 0	1 25	29 47	6 41	21 43	21 37	15 21		n.a.	
F 9	23 13	26 10	2 35	23 51	1 46	24 1	0 18	13 44	0 53	20 18	1 13	17 50	1 33	20 19	0 1	12 0	1 25	29 47	6 41	21 43	21 38	15 23		n.a.	
S 10	23 8	24 52	1 23	23 30	1 44	24 4	0 20	13 57	0 53	20 20	1 13	17 50	1 33	20 19	0 1	12 1	1 25	29 47	6 41	21 44	21 38	15 26		n.a.	
S 11	23 2	22 4	0 7	23 8	1 42	24 7	0 23	14 10	0 52	20 22	1 13	17 49	1 33	20 19	0 1	12 1	1 25	29 47	6 41	21 44	21 39	15 28		n.a.	
M12	22 56	18 7	1n 7	22 44	1 39	24 8	0 25	14 23	0 51	20 24	1 13	17 49	1 32	20 18	0 1	12 1	1 25	29 47	6 41	21 44	21 39	15 31		n.a.	
T 13	22 50	13 22	2 15	22 19	1 35	24 10	0 27	14 36	0 51	20 26	1 13	17 49	1 32	20 18	0 1	12 2	1 25	29 47	6 41	21 44	21 40	15 33		n.a.	
W14	22 43	8 9	3 16	21 53	1 31	24 10	0 30	14 48	0 50	20 28	1 14	17 48	1 32	20 18	0 1	12 2	1 25	29 47	6 42	21 43	21 40	15 36		n.a.	
T 15	22 35	2 44	4 5	21 25	1 27	24 10	0 32	15 1	0 49	20 30	1 14	17 48	1 32	20 17	0 1	12 3	1 25	29 47	6 42	21 43	21 41	15 38		n.a.	
F 16	22 28	2n39	4 42	20 56	1 22	24 8	0 34	15 13	0 48	20 32	1 14	17 48	1 32	20 17	0 1	12 3	1 25	29 46	6 42	21 43	21 41	15 40		n.a.	
S 17	22 20	7 52	5 6	20 26	1 17	24 7	0 36	15 26	0 48	20 34	1 14	17 48	1 31	20 17	0 1	12 3	1 25	29 46	6 42	21 43	21 42	15 43		n.a.	
S 18	22 11	12 44	5 16	19 56	1 12	24 4	0 39	15 38	0 47	20 36	1 14	17 47	1 31	20 17	0 1	12 4	1 25	29 46	6 42	21 43	21 43	15 45		n.a.	
M19	22 2	17 7	5 13	19 24	1 6	24 1	0 41	15 50	0 46	20 38	1 15	17 47	1 31	20 16	0 1	12 4	1 25	29 46	6 42	21 43	21 43	15 48		n.a.	
T 20	21 53	20 51	4 57	18 51	1 0	23 57	0 43	16 1	0 46	20 40	1 15	17 47	1 31	20 16	0 1	12 5	1 25	29 46	6 42	21 43	21 44	15 50		n.a.	
W21	21 43	23 44	4 27	18 18	0 54	23 52	0 45	16 13	0 45	20 42	1 15	17 47	1 31	20 16	0 1	12 5	1 25	29 46	6 42	21 43	21 44	15 52		n.a.	
T 22	21 33	25 36	3 45	17 44	0 47	23 47	0 47	16 25	0 44	20 44	1 15	17 47	1 30	20 16	0 1	12 6	1 25	29 46	6 42	21 43	21 45	15 55		n.a.	
F 23	21 23	26 14	2 52	17 10	0 40	23 40	0 49	16 36	0 43	20 46	1 15	17 47	1 30	20 15	0 1	12 6	1 25	29 46	6 42	21 43	21 45	15 57		n.a.	
S 24	21 12	25 31	1 49	16 35	0 33	23 33	0 51	16 47	0 43	20 48	1 15	17 47	1 30	20 15	0 1	12 7	1 25	29 46	6 42	21 43	21 46	15 59		n.a.	
S 25	21 1	23 25	0 40	16 0	0 25	23 26	0 53	16 58	0 42	20 50	1 16	17 47	1 30	20 15	0 1	12 7	1 25	29 46	6 43	21 43	21 46	16 2		n.a.	
M26	20 50	20 1	0s34	15 24	0 18	23 17	0 55	17 9	0 41	20 52	1 16	17 47	1 30	20 15	0 1	12 8	1 25	29 46	6 43	21 43	21 47	16 4		n.a.	
T 27	20 38	15 29	1 47	14 48	0 10	23 8	0 56	17 20	0 40	20 54	1 16	17 47	1 29	20 15	0 1	12 8	1 25	29 46	6 43	21 43	21 47	16 7		n.a.	
W28	20 25	10 5	2 55	14 12	0 2	22 59	0 58	17 31	0 39	20 56	1 16	17 47	1 29	20 15	0 1	12 9	1 25	29 46	6 43	21 43	21 48	16 9		n.a.	
T 29	20 13	4 7	3 53	13 36	0s 6	22 48	1 0	17 41	0 39	20 58	1 16	17 47	1 29	20 14	0 1	12 9	1 26	29 46	6 43	21 43	21 48	16 11		n.a.	
F 30	20 0	2s 6	4 38	12 59	0 14	22 37	1 1	17 52	0 38	21 0	1 16	17 47	1 29	20 14	0 1	12 10	1 26	29 45	6 43	21 44	21 49	16 14		n.a.	
S 31	19n47	8s15	5s 7	12n23	0s23	22n25	1n 3	18n 2	0s37	21s 2	1s16	17s47	1n29	20s14	0n 1	12s10	1s26	29n45	6n43	21s44	21s50	16n16		n.a.	

Julian Day Number = 1618969.5, Delta T = 03h48m41s
Ecliptic obliquity = 23°43'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'37, Lahiri = - 7°49'36 Julian Calendar 1 July 281 BCE == Greg. Calendar 27 June 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

AUGUST 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 21 57	3♌44'26	23♎ 8	28♌ 8	26♋15	23♉ 8	2°R36	24°R52	29°R17	2°R 6	13♋12	23°R 4	22♑27	29♈49	n.a.	S 1
M 2	20 25 54	4°42'34	7♏22	29°28	27°29	23°44	2♒28	24♏51	29♏17	2♓ 5	13°13	23°D 4	22°24	29°56	n.a.	M 2
T 3	20 29 50	5°40'44	21°33	0♍46	28°43	24°20	2°20	24°51	29°16	2° 4	13°15	23♑ 5	22°21	0♉ 2	n.a.	T 3
W 4	20 33 47	6°38'55	5♐39	2° 3	29°58	24°56	2°12	24°D51	29°16	2° 2	13°17	23° 5	22°18	0° 9	n.a.	W 4
T 5	20 37 44	7°37'08	19°36	3°18	1♌12	25°32	2° 4	24°51	29°15	2° 1	13°18	23° 7	22°15	0°16	n.a.	T 5
F 6	20 41 40	8°35'23	3♑25	4°31	2°27	26° 7	1°56	24°52	29°15	1°59	13°20	23° 8	22°11	0°23	n.a.	F 6
S 7	20 45 37	9°33'39	17° 2	5°43	3°42	26°43	1°49	24°52	29°15	1°58	13°22	23°R 8	22° 8	0°29	n.a.	S 7
S 8	20 49 33	10°31'57	0♒26	6°52	4°56	27°18	1°41	24°52	29°14	1°56	13°23	23° 8	22° 5	0°36	n.a.	S 8
M 9	20 53 30	11°30'17	13°36	8° 0	6°11	27°53	1°33	24°53	29°14	1°55	13°25	23° 7	22° 2	0°43	n.a.	M 9
T 10	20 57 26	12°28'39	26°31	9° 5	7°25	28°28	1°26	24°53	29°14	1°53	13°27	23° 5	21°59	0°49	n.a.	T 10
W11	21 1 23	13°27'03	9♓11	10° 8	8°40	29° 3	1°18	24°54	29°14	1°52	13°28	23° 3	21°56	0°56	n.a.	W11
T 12	21 5 19	14°25'28	21°37	11° 9	9°55	29°37	1°10	24°55	29°14	1°50	13°30	22°59	21°52	1° 3	n.a.	T 12
F 13	21 9 16	15°23'56	3♈50	12° 7	11° 9	0♊12	1° 3	24°56	29°D14	1°48	13°31	22°56	21°49	1°10	n.a.	F 13
S 14	21 13 13	16°22'27	15°52	13° 2	12°24	0°46	0°56	24°57	29°14	1°47	13°33	22°53	21°46	1°16	n.a.	S 14
S 15	21 17 9	17°20'59	27°48	13°55	13°39	1°20	0°48	24°58	29°14	1°45	13°34	22°50	21°43	1°23	n.a.	S 15
M16	21 21 6	18°19'34	9♉40	14°44	14°54	1°54	0°41	24°59	29°14	1°44	13°36	22°49	21°40	1°30	n.a.	M16
T 17	21 25 2	19°18'11	21°34	15°30	16° 8	2°28	0°34	25° 0	29°14	1°42	13°38	22°D48	21°36	1°37	n.a.	T 17
W18	21 28 59	20°16'50	3♊35	16°12	17°23	3° 2	0°27	25° 1	29°15	1°40	13°39	22°49	21°33	1°43	n.a.	W18
T 19	21 32 55	21°15'32	15°46	16°51	18°38	3°35	0°20	25° 3	29°15	1°39	13°41	22°50	21°30	1°50	n.a.	T 19
F 20	21 36 52	22°14'16	28°13	17°25	19°53	4° 8	0°13	25° 4	29°15	1°37	13°42	22°52	21°27	1°57	n.a.	F 20
S 21	21 40 48	23°13'03	10♋59	17°55	21° 8	4°41	0° 7	25° 6	29°16	1°35	13°44	22°54	21°24	2° 3	n.a.	S 21
S 22	21 44 45	24°11'52	24° 7	18°20	22°23	5°14	29♑59	25° 8	29°16	1°34	13°45	22°R54	21°21	2°10	n.a.	S 22
M23	21 48 42	25°10'42	7♌39	18°39	23°38	5°47	29°53	25° 9	29°17	1°32	13°46	22°53	21°17	2°17	n.a.	M23
T 24	21 52 38	26° 9'36	21°33	18°53	24°52	6°19	29°47	25°11	29°17	1°31	13°48	22°51	21°14	2°24	n.a.	T 24
W25	21 56 35	27° 8'31	5♍46	19° 1	26° 7	6°52	29°41	25°13	29°18	1°29	13°49	22°47	21°11	2°30	n.a.	W25
T 26	22 0 31	28° 7'28	20°14	19°R 2	27°22	7°24	29°35	25°16	29°18	1°27	13°51	22°42	21° 8	2°37	n.a.	T 26
F 27	22 4 28	29° 6'27	4♎50	18°57	28°37	7°56	29°29	25°18	29°19	1°26	13°52	22°36	21° 5	2°44	n.a.	F 27
S 28	22 8 24	0♍ 5'28	19°27	18°44	29°52	8°27	29°23	25°20	29°20	1°24	13°53	22°31	21° 1	2°50	n.a.	S 28
S 29	22 12 21	1° 4'31	3♏59	18°24	1♍ 7	8°59	29°17	25°22	29°21	1°22	13°55	22°27	20°58	2°57	n.a.	S 29
M30	22 16 17	2° 3'36	18°21	17°56	2°22	9°30	29°12	25°25	29°22	1°21	13°56	22°24	20°55	3° 4	n.a.	M30
T 31	22 20 14	3♍ 2'43	2♐30	17♍21	3♍37	10♊ 1	29♑ 7	25♏27	29♏22	1♓19	13♋57	22°D24	20♑52	3♉11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n33	13s59	5s16	11n47	0s31	22n13	1n 5	18n12	0s36	21s 4	1s16	17s47	1n28	20s14	0n 1	12s11	1s26	29n45	6n43	21s44	21s50	16n18		n.a.
M 2	19 19	18 57	5 6	11 10	0 40	22 0	1 6	18 22	0 35	21 5	1 17	17 47	1 28	20 14	0 1	12 11	1 26	29 45	6 44	21 44	21 51	16 21		n.a.
T 3	19 5	22 50	4 38	10 34	0 49	21 46	1 8	18 32	0 34	21 7	1 17	17 47	1 28	20 14	0 1	12 12	1 26	29 45	6 44	21 44	21 51	16 23		n.a.
W 4	18 50	25 20	3 53	9 58	0 58	21 32	1 9	18 41	0 34	21 9	1 17	17 48	1 28	20 14	0 1	12 13	1 26	29 45	6 44	21 44	21 52	16 25		n.a.
T 5	18 35	26 13	2 55	9 23	1 7	21 16	1 10	18 51	0 33	21 11	1 17	17 48	1 28	20 14	0 1	12 13	1 26	29 45	6 44	21 43	21 52	16 28		n.a.
F 6	18 20	25 28	1 47	8 48	1 16	21 1	1 12	19 0	0 32	21 13	1 17	17 48	1 27	20 13	0 1	12 14	1 26	29 45	6 44	21 43	21 53	16 30		n.a.
S 7	18 4	23 11	0 34	8 13	1 25	20 44	1 13	19 9	0 31	21 15	1 17	17 48	1 27	20 13	0 1	12 14	1 26	29 45	6 44	21 43	21 53	16 32		n.a.
S 8	17 49	19 39	0n40	7 39	1 34	20 28	1 14	19 19	0 30	21 17	1 17	17 49	1 27	20 13	0 1	12 15	1 26	29 45	6 45	21 43	21 54	16 34		n.a.
M 9	17 32	15 11	1 50	7 5	1 43	20 10	1 15	19 27	0 29	21 18	1 17	17 49	1 27	20 13	0 1	12 15	1 26	29 45	6 45	21 43	21 54	16 37		n.a.
T 10	17 16	10 6	2 54	6 32	1 52	19 52	1 16	19 36	0 28	21 20	1 17	17 49	1 27	20 13	0 1	12 16	1 26	29 45	6 45	21 44	21 55	16 39		n.a.
W11	16 59	4 43	3 47	6 0	2 1	19 33	1 17	19 45	0 27	21 22	1 17	17 50	1 26	20 13	0 1	12 17	1 26	29 45	6 45	21 44	21 55	16 41		n.a.
T 12	16 42	0n44	4 28	5 29	2 10	19 14	1 18	19 53	0 26	21 24	1 17	17 50	1 26	20 13	0 0	12 17	1 26	29 45	6 45	21 45	21 56	16 44		n.a.
F 13	16 25	6 4	4 57	4 58	2 18	18 54	1 19	20 2	0 25	21 25	1 17	17 50	1 26	20 13	0 0	12 18	1 26	29 45	6 45	21 45	21 56	16 46		n.a.
S 14	16 7	11 6	5 11	4 29	2 27	18 34	1 20	20 10	0 24	21 27	1 17	17 51	1 26	20 13	0 0	12 18	1 26	29 45	6 45	21 46	21 57	16 48		n.a.
S 15	15 49	15 40	5 13	4 1	2 36	18 13	1 20	20 18	0 23	21 29	1 17	17 51	1 25	20 13	0 0	12 19	1 26	29 45	6 46	21 46	21 57	16 50		n.a.
M16	15 31	19 37	5 0	3 34	2 44	17 51	1 21	20 26	0 22	21 30	1 17	17 52	1 25	20 13	0 0	12 20	1 26	29 45	6 46	21 46	21 58	16 53		n.a.
T 17	15 13	22 48	4 35	3 8	2 52	17 29	1 22	20 34	0 21	21 32	1 17	17 52	1 25	20 13	0 0	12 20	1 26	29 45	6 46	21 47	21 58	16 55		n.a.
W18	14 54	25 1	3 58	2 45	3 0	17 7	1 22	20 41	0 20	21 34	1 17	17 53	1 25	20 14	0 0	12 21	1 26	29 45	6 46	21 46	21 59	16 57		n.a.
T 19	14 35	26 6	3 9	2 23	3 8	16 44	1 23	20 49	0 19	21 35	1 17	17 53	1 25	20 14	0 0	12 21	1 26	29 45	6 46	21 46	21 59	16 59		n.a.
F 20	14 16	25 54	2 11	2 3	3 15	16 21	1 23	20 56	0 18	21 37	1 17	17 54	1 24	20 14	0 0	12 22	1 26	29 45	6 47	21 46	22 0	17 2		n.a.
S 21	13 57	24 21	1 5	1 45	3 21	15 57	1 24	21 3	0 17	21 38	1 17	17 55	1 24	20 14	0 0	12 23	1 26	29 45	6 47	21 46	22 0	17 4		n.a.
S 22	13 37	21 26	0s 7	1 30	3 28	15 33	1 24	21 10	0 16	21 39	1 17	17 55	1 24	20 14	0 0	12 23	1 26	29 45	6 47	21 46	22 1	17 6		n.a.
M23	13 17	17 18	1 20	1 17	3 33	15 8	1 24	21 17	0 15	21 41	1 17	17 56	1 24	20 14	0 0	12 24	1 26	29 45	6 47	21 46	22 1	17 8		n.a.
T 24	12 57	12 8	2 30	1 7	3 38	14 43	1 24	21 24	0 14	21 42	1 17	17 57	1 24	20 14	0 0	12 24	1 26	29 45	6 47	21 46	22 2	17 11		n.a.
W25	12 37	6 13	3 32	1 0	3 42	14 17	1 25	21 30	0 13	21 43	1 17	17 57	1 23	20 14	0 0	12 25	1 26	29 45	6 48	21 47	22 2	17 13		n.a.
T 26	12 16	0s 6	4 22	0 57	3 45	13 51	1 25	21 37	0 12	21 45	1 17	17 58	1 23	20 14	0 0	12 26	1 26	29 45	6 48	21 48	22 3	17 15		n.a.
F 27	11 55	6 27	4 56	0 57	3 47	13 25	1 25	21 43	0 11	21 46	1 17	17 59	1 23	20 15	0 0	12 26	1 26	29 45	6 48	21 49	22 3	17 17		n.a.
S 28	11 35	12 28	5 10	1 1	3 48	12 58	1 24	21 50	0 10	21 47	1 17	17 59	1 23	20 15	0 0	12 27	1 26	29 46	6 48	21 49	22 4	17 19		n.a.
S 29	11 13	17 45	5 4	1 9	3 48	12 31	1 24	21 56	0 8	21 48	1 17	18 0	1 23	20 15	0 0	12 27	1 26	29 46	6 48	21 50	22 4	17 22		n.a.
M30	10 52	21 58	4 39	1 22	3 46	12 4	1 24	22 2	0 7	21 49	1 17	18 1	1 22	20 15	0 0	12 28	1 26	29 46	6 49	21 51	22 5	17 24		n.a.
T 31	10n31	24s47	3s58	1n39	3s42	11n36	1n24	22n 7	0s 6	21s50	1s17	18s 2	1n22	20s15	0n 0	12s29	1s26	29n46	6n49	21s51	22s 5	17n26		n.a.

Julian Day Number = 1619000.5, Delta T = 03h48m40s
Ecliptic obliquity = 23°43'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'33, Lahiri = - 7°49'32 Julian Calendar 1 Aug. 281 BCE == Greg. Calendar 28 July 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

SEPTEMBER 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 24 11	4♍ 1'52	16♐24	16°R38	4♍53	10♊32	29°R 1	25♏30	29♏23	1°R17	13♋59	22♑24	20♑49	3♉17	n.a.	W 1
T 2	22 28 7	5° 1'03	0♑ 4	15♍48	6° 8	11° 2	28♑56	25°33	29°24	1♓16	14° 0	22°25	20°46	3°24	n.a.	T 2
F 3	22 32 4	6° 0'15	13°30	14°51	7°23	11°33	28°52	25°36	29°26	1°14	14° 1	22°27	20°42	3°31	n.a.	F 3
S 4	22 36 0	6°59'29	26°43	13°49	8°38	12° 3	28°47	25°39	29°27	1°12	14° 2	22°R27	20°39	3°38	n.a.	S 4
S 5	22 39 57	7°58'46	9♒43	12°43	9°53	12°32	28°42	25°42	29°28	1°11	14° 3	22°25	20°36	3°44	n.a.	S 5
M 6	22 43 53	8°58'04	22°32	11°33	11° 8	13° 2	28°38	25°45	29°29	1° 9	14° 5	22°22	20°33	3°51	n.a.	M 6
T 7	22 47 50	9°57'24	5♓10	10°22	12°23	13°31	28°34	25°48	29°30	1° 7	14° 6	22°16	20°30	3°58	n.a.	T 7
W 8	22 51 46	10°56'47	17°37	9°12	13°38	14° 1	28°30	25°51	29°32	1° 6	14° 7	22° 8	20°27	4° 4	n.a.	W 8
T 9	22 55 43	11°56'11	29°54	8° 4	14°53	14°29	28°26	25°54	29°33	1° 4	14° 8	21°59	20°23	4°11	n.a.	T 9
F 10	22 59 39	12°55'38	12♈ 1	7° 1	16° 8	14°58	28°23	25°58	29°34	1° 2	14° 9	21°49	20°20	4°18	n.a.	F 10
S 11	23 3 36	13°55'07	24° 1	6° 4	17°24	15°26	28°19	26° 1	29°36	1° 1	14°10	21°39	20°17	4°25	n.a.	S 11
S 12	23 7 33	14°54'38	5♉54	5°16	18°39	15°54	28°16	26° 5	29°37	0°59	14°11	21°31	20°14	4°31	n.a.	S 12
M13	23 11 29	15°54'12	17°45	4°36	19°54	16°22	28°13	26° 9	29°39	0°58	14°12	21°25	20°11	4°38	n.a.	M13
T 14	23 15 26	16°53'48	29°37	4° 7	21° 9	16°50	28°10	26°12	29°41	0°56	14°13	21°21	20° 7	4°45	n.a.	T 14
W15	23 19 22	17°53'27	11♊34	3°48	22°24	17°17	28° 7	26°16	29°42	0°54	14°14	21°19	20° 4	4°51	n.a.	W15
T 16	23 23 19	18°53'08	23°42	3°D41	23°39	17°44	28° 5	26°20	29°44	0°53	14°15	21°D19	20° 1	4°58	n.a.	T 16
F 17	23 27 15	19°52'51	6♋ 5	3°45	24°55	18°10	28° 3	26°24	29°46	0°51	14°16	21°20	19°58	5° 5	n.a.	F 17
S 18	23 31 12	20°52'37	18°49	3°59	26°10	18°37	28° 0	26°28	29°47	0°50	14°17	21°R20	19°55	5°12	n.a.	S 18
S 19	23 35 8	21°52'25	1♌58	4°24	27°25	19° 3	27°59	26°33	29°49	0°48	14°18	21°20	19°52	5°18	n.a.	S 19
M20	23 39 5	22°52'15	15°35	4°59	28°40	19°28	27°57	26°37	29°51	0°47	14°19	21°17	19°48	5°25	n.a.	M20
T 21	23 43 2	23°52'07	29°39	5°42	29°56	19°54	27°55	26°41	29°53	0°45	14°19	21°12	19°45	5°32	n.a.	T 21
W22	23 46 58	24°52'02	14♍ 9	6°34	1♎11	20°19	27°54	26°45	29°55	0°44	14°20	21° 5	19°42	5°38	n.a.	W22
T 23	23 50 55	25°51'59	28°59	7°33	2°26	20°43	27°53	26°50	29°57	0°42	14°21	20°55	19°39	5°45	n.a.	T 23
F 24	23 54 51	26°51'57	14♎ 1	8°38	3°41	21° 8	27°52	26°54	29°59	0°41	14°22	20°45	19°36	5°52	n.a.	F 24
S 25	23 58 48	27°51'58	29° 4	9°49	4°57	21°32	27°51	26°59	0♐ 1	0°39	14°22	20°35	19°33	5°59	n.a.	S 25
S 26	0 2 44	28°52'01	13♏59	11° 4	6°12	21°55	27°51	27° 4	0° 3	0°38	14°23	20°27	19°29	6° 5	n.a.	S 26
M27	0 6 41	29°52'05	28°39	12°24	7°27	22°18	27°51	27° 8	0° 6	0°36	14°24	20°21	19°26	6°12	n.a.	M27
T 28	0 10 37	0♎52'11	12♐58	13°47	8°42	22°41	27°D51	27°13	0° 8	0°35	14°24	20°17	19°23	6°19	n.a.	T 28
W29	0 14 34	1°52'19	26°54	15°14	9°58	23° 4	27°51	27°18	0°10	0°34	14°25	20°D16	19°20	6°25	n.a.	W29
T 30	0 18 31	2♎52'29	10♑29	16♍42	11♎13	23♊26	27♑51	27♏23	0♐12	0♓32	14♋26	20♑16	19♑17	6♉32	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n 9	26s 3	3s 3	2n 1	3s37	11n 8	1n24	22n13	0s 5	21s52	1s17	18s 3	1n22	20s16	0n 0	12s29	1s26	29n46	6n49	21s51	22s 6	17n28		n.a.
T 2	9 47	25 42	1 58	2 27	3 30	10 39	1 23	22 19	0 4	21 53	1 17	18 3	1 22	20 16	0 0	12 30	1 26	29 46	6 49	21 50	22 6	17 30		n.a.
F 3	9 25	23 50	0 48	2 58	3 20	10 11	1 23	22 24	0 2	21 53	1 17	18 4	1 22	20 16	0 0	12 30	1 26	29 46	6 49	21 50	22 7	17 33		n.a.
S 4	9 3	20 42	0n23	3 32	3 9	9 42	1 22	22 29	0 1	21 54	1 17	18 5	1 21	20 16	0 0	12 31	1 26	29 46	6 50	21 50	22 7	17 35		n.a.
S 5	8 41	16 33	1 32	4 10	2 56	9 13	1 22	22 35	0n 0	21 55	1 17	18 6	1 21	20 17	0 0	12 32	1 26	29 46	6 50	21 50	22 8	17 37		n.a.
M 6	8 18	11 44	2 35	4 50	2 41	8 43	1 21	22 40	0 1	21 56	1 17	18 7	1 21	20 17	0 0	12 32	1 26	29 46	6 50	21 51	22 8	17 39		n.a.
T 7	7 56	6 29	3 29	5 33	2 24	8 14	1 20	22 45	0 3	21 57	1 17	18 8	1 21	20 17	0 0	12 33	1 26	29 46	6 50	21 52	22 9	17 41		n.a.
W 8	7 33	1 5	4 13	6 16	2 6	7 44	1 19	22 49	0 4	21 58	1 17	18 9	1 21	20 17	0 0	12 33	1 26	29 46	6 51	21 53	22 9	17 43		n.a.
T 9	7 10	4n17	4 44	6 59	1 47	7 14	1 19	22 54	0 5	21 58	1 16	18 10	1 20	20 18	0 0	12 34	1 26	29 47	6 51	21 55	22 10	17 46		n.a.
F 10	6 47	9 25	5 1	7 42	1 27	6 43	1 18	22 59	0 6	21 59	1 16	18 11	1 20	20 18	0 0	12 35	1 26	29 47	6 51	21 56	22 10	17 48		n.a.
S 11	6 24	14 8	5 5	8 22	1 7	6 13	1 17	23 3	0 8	22 0	1 16	18 12	1 20	20 18	0 0	12 35	1 26	29 47	6 51	21 58	22 11	17 50		n.a.
S 12	6 1	18 18	4 56	8 59	0 46	5 42	1 16	23 8	0 9	22 0	1 16	18 13	1 20	20 19	0 0	12 36	1 26	29 47	6 52	21 59	22 11	17 52		n.a.
M13	5 38	21 43	4 34	9 32	0 26	5 11	1 15	23 12	0 11	22 1	1 16	18 14	1 20	20 19	0 0	12 36	1 26	29 47	6 52	22 0	22 12	17 54		n.a.
T 14	5 14	24 13	4 1	10 1	0 7	4 40	1 13	23 16	0 12	22 1	1 16	18 15	1 20	20 19	0 0	12 37	1 26	29 47	6 52	22 1	22 12	17 56		n.a.
W15	4 51	25 41	3 16	10 24	0n11	4 9	1 12	23 20	0 13	22 2	1 16	18 16	1 19	20 20	0 0	12 38	1 26	29 47	6 52	22 1	22 13	17 58		n.a.
T 16	4 27	25 57	2 22	10 43	0 28	3 38	1 11	23 24	0 15	22 2	1 16	18 17	1 19	20 20	0 0	12 38	1 26	29 47	6 52	22 1	22 13	18 0		n.a.
F 17	4 3	24 56	1 21	10 56	0 44	3 7	1 10	23 28	0 16	22 2	1 16	18 18	1 19	20 21	0 0	12 39	1 26	29 48	6 53	22 1	22 13	18 2		n.a.
S 18	3 40	22 37	0 13	11 4	0 59	2 35	1 8	23 32	0 18	22 3	1 15	18 20	1 19	20 21	0 0	12 39	1 26	29 48	6 53	22 1	22 14	18 5		n.a.
S 19	3 16	19 3	0s56	11 7	1 11	2 4	1 7	23 35	0 19	22 3	1 15	18 21	1 19	20 21	0 0	12 40	1 26	29 48	6 53	22 1	22 14	18 7		n.a.
M20	2 52	14 22	2 5	11 5	1 23	1 32	1 5	23 39	0 21	22 3	1 15	18 22	1 18	20 22	0 0	12 40	1 26	29 48	6 53	22 1	22 15	18 9		n.a.
T 21	2 28	8 47	3 9	10 58	1 33	1 0	1 4	23 42	0 22	22 3	1 15	18 23	1 18	20 22	0 0	12 41	1 26	29 48	6 54	22 2	22 15	18 11		n.a.
W22	2 4	2 35	4 3	10 46	1 41	0 29	1 2	23 46	0 24	22 3	1 15	18 24	1 18	20 23	0 0	12 41	1 26	29 48	6 54	22 3	22 16	18 13		n.a.
T 23	1 40	3s53	4 41	10 31	1 48	0s 3	1 1	23 49	0 25	22 3	1 15	18 25	1 18	20 23	0 0	12 42	1 26	29 48	6 54	22 5	22 16	18 15		n.a.
F 24	1 16	10 12	5 0	10 11	1 54	0 35	0 59	23 52	0 27	22 4	1 15	18 27	1 18	20 24	0 0	12 42	1 26	29 49	6 54	22 6	22 17	18 17		n.a.
S 25	0 52	15 55	4 59	9 48	1 58	1 7	0 57	23 56	0 28	22 4	1 15	18 28	1 18	20 24	0 0	12 43	1 26	29 49	6 55	22 8	22 17	18 19		n.a.
S 26	0 27	20 38	4 38	9 22	2 1	1 38	0 56	23 59	0 30	22 3	1 14	18 29	1 17	20 24	0 0	12 43	1 26	29 49	6 55	22 9	22 18	18 21		n.a.
M27	0 3	23 58	3 58	8 53	2 4	2 10	0 54	24 2	0 32	22 3	1 14	18 30	1 17	20 25	0 0	12 44	1 26	29 49	6 55	22 10	22 18	18 23		n.a.
T 28	0s21	25 40	3 4	8 22	2 5	2 42	0 52	24 5	0 33	22 3	1 14	18 32	1 17	20 25	0 0	12 44	1 26	29 49	6 56	22 11	22 19	18 25		n.a.
W29	0 45	25 42	2 1	7 49	2 5	3 14	0 50	24 8	0 35	22 3	1 14	18 33	1 17	20 26	0 0	12 45	1 26	29 50	6 56	22 11	22 19	18 27		n.a.
T 30	1s 9	24s10	0s52	7n13	2n 5	3s45	0n48	24n10	0n37	22s 3	1s14	18s34	1n17	20s26	0n 0	12s45	1s26	29n50	6n56	22s11	22s20	18n29		n.a.

Julian Day Number = 1619031.5, Delta T = 03h48m39s
Ecliptic obliquity = 23°43'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'28, Lahiri = - 7°49'28 Julian Calendar 1 Sept. 281 BCE == Greg. Calendar 28 Aug. 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

OCTOBER 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 22 27	3♎52'40	23♑43	18♍13	12♎28	23♊47	27♑52	27♏28	0♐15	0°R31	14♋26	20°R16	19♑13	6♉39	n.a.	F 1
S 2	0 26 24	4°52'52	6♒40	19°46	13°43	24° 8	27°53	27°33	0°17	0♓30	14°27	20♑15	19°10	6°46	n.a.	S 2
S 3	0 30 20	5°53'07	19°23	21°19	14°59	24°29	27°54	27°38	0°20	0°28	14°27	20°12	19° 7	6°52	n.a.	S 3
M 4	0 34 17	6°53'22	1♓54	22°54	16°14	24°50	27°55	27°44	0°22	0°27	14°28	20° 6	19° 4	6°59	n.a.	M 4
T 5	0 38 13	7°53'40	14°16	24°30	17°29	25° 9	27°56	27°49	0°25	0°26	14°28	19°57	19° 1	7° 6	n.a.	T 5
W 6	0 42 10	8°53'59	26°29	26° 6	18°44	25°29	27°58	27°54	0°27	0°25	14°28	19°45	18°58	7°13	n.a.	W 6
T 7	0 46 6	9°54'20	8♈36	27°43	20° 0	25°48	27°59	28° 0	0°30	0°23	14°29	19°31	18°54	7°19	n.a.	T 7
F 8	0 50 3	10°54'43	20°36	29°20	21°15	26° 7	28° 1	28° 5	0°32	0°22	14°29	19°16	18°51	7°26	n.a.	F 8
S 9	0 53 59	11°55'08	2♉32	0♎57	22°30	26°25	28° 4	28°11	0°35	0°21	14°30	19° 2	18°48	7°33	n.a.	S 9
S 10	0 57 56	12°55'34	14°23	2°35	23°45	26°42	28° 6	28°16	0°38	0°20	14°30	18°49	18°45	7°39	n.a.	S 10
M11	1 1 53	13°56'03	26°13	4°12	25° 0	26°59	28° 8	28°22	0°40	0°19	14°30	18°39	18°42	7°46	n.a.	M11
T 12	1 5 49	14°56'33	8♊ 4	5°49	26°16	27°16	28°11	28°27	0°43	0°18	14°30	18°32	18°38	7°53	n.a.	T 12
W13	1 9 46	15°57'05	20° 0	7°27	27°31	27°32	28°14	28°33	0°46	0°17	14°31	18°27	18°35	8° 0	n.a.	W13
T 14	1 13 42	16°57'40	2♋ 5	9° 4	28°46	27°48	28°17	28°39	0°49	0°16	14°31	18°25	18°32	8° 6	n.a.	T 14
F 15	1 17 39	17°58'16	14°24	10°41	0♏ 1	28° 3	28°21	28°45	0°52	0°15	14°31	18°25	18°29	8°13	n.a.	F 15
S 16	1 21 35	18°58'54	27° 3	12°17	1°17	28°17	28°24	28°51	0°55	0°14	14°31	18°25	18°26	8°20	n.a.	S 16
S 17	1 25 32	19°59'34	10♌ 5	13°54	2°32	28°31	28°28	28°57	0°58	0°13	14°31	18°24	18°23	8°26	n.a.	S 17
M18	1 29 28	21° 0'15	23°36	15°30	3°47	28°44	28°32	29° 3	1° 0	0°12	14°31	18°21	18°19	8°33	n.a.	M18
T 19	1 33 25	22° 0'58	7♍37	17° 7	5° 2	28°57	28°36	29° 9	1° 3	0°11	14°31	18°15	18°16	8°40	n.a.	T 19
W20	1 37 22	23° 1'44	22° 7	18°43	6°17	29° 9	28°40	29°15	1° 6	0°10	14°R31	18° 7	18°13	8°47	n.a.	W20
T 21	1 41 18	24° 2'30	7♎ 3	20°18	7°33	29°21	28°45	29°21	1°10	0° 9	14°31	17°57	18°10	8°53	n.a.	T 21
F 22	1 45 15	25° 3'18	22°17	21°54	8°48	29°32	28°49	29°27	1°13	0° 8	14°31	17°45	18° 7	9° 0	n.a.	F 22
S 23	1 49 11	26° 4'08	7♏37	23°29	10° 3	29°42	28°54	29°33	1°16	0° 8	14°31	17°33	18° 4	9° 7	n.a.	S 23
S 24	1 53 8	27° 4'59	22°51	25° 4	11°18	29°52	28°59	29°39	1°19	0° 7	14°31	17°23	18° 0	9°13	n.a.	S 24
M25	1 57 4	28° 5'52	7♐50	26°39	12°34	0♋ 1	29° 5	29°46	1°22	0° 6	14°31	17°16	17°57	9°20	n.a.	M25
T 26	2 1 1	29° 6'45	22°25	28°14	13°49	0° 9	29°10	29°52	1°25	0° 5	14°31	17°12	17°54	9°27	n.a.	T 26
W27	2 4 57	0♏ 7'40	6♑34	29°49	15° 4	0°16	29°16	29°59	1°28	0° 5	14°31	17°10	17°51	9°34	n.a.	W27
T 28	2 8 54	1° 8'35	20°15	1♏24	16°19	0°23	29°21	0♐ 5	1°32	0° 4	14°30	17°D 9	17°48	9°40	n.a.	T 28
F 29	2 12 51	2° 9'32	3♒30	2°58	17°34	0°29	29°27	0°11	1°35	0° 4	14°30	17°R10	17°44	9°47	n.a.	F 29
S 30	2 16 47	3°10'29	16°24	4°32	18°49	0°35	29°33	0°18	1°38	0° 3	14°30	17° 9	17°41	9°54	n.a.	S 30
S 31	2 20 44	4♏11'27	28♒59	6♏ 7	20♏ 5	0♋40	29♑40	0♐24	1♐41	0♓ 3	14♋30	17♑ 6	17♑38	10♉ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s34	21s19	0n18	6n36	2n 4	4s17	0n46	24n13	0n38	22s 3	1s14	18s35	1n17	20s27	0n 0	12s46	1s26	29n50	6n56	22s11	22s20	18n31		n.a.
S 2	1 58	17 27	1 26	5 58	2 2	4 48	0 44	24 16	0 40	22 2	1 14	18 37	1 16	20 27	0 0	12 46	1 26	29 50	6 57	22 11	22 20	18 33		n.a.
S 3	2 22	12 51	2 28	5 18	1 59	5 19	0 42	24 19	0 42	22 2	1 13	18 38	1 16	20 28	0 0	12 47	1 26	29 50	6 57	22 11	22 21	18 35		n.a.
M 4	2 46	7 48	3 21	4 37	1 56	5 51	0 40	24 21	0 43	22 2	1 13	18 39	1 16	20 29	0s 0	12 47	1 26	29 51	6 57	22 12	22 21	18 37		n.a.
T 5	3 10	2 31	4 4	3 56	1 53	6 22	0 38	24 24	0 45	22 1	1 13	18 41	1 16	20 29	0 0	12 48	1 26	29 51	6 57	22 14	22 22	18 39		n.a.
W 6	3 34	2n48	4 36	3 14	1 49	6 53	0 36	24 26	0 47	22 1	1 13	18 42	1 16	20 30	0 0	12 48	1 26	29 51	6 58	22 15	22 22	18 41		n.a.
T 7	3 58	7 57	4 54	2 31	1 44	7 23	0 34	24 29	0 49	22 0	1 13	18 44	1 16	20 30	0 0	12 48	1 26	29 51	6 58	22 17	22 23	18 43		n.a.
F 8	4 22	12 45	4 59	1 47	1 40	7 54	0 31	24 31	0 51	22 0	1 13	18 45	1 15	20 31	0 0	12 49	1 26	29 51	6 58	22 20	22 23	18 45		n.a.
S 9	4 46	17 3	4 51	1 4	1 35	8 25	0 29	24 34	0 53	21 59	1 13	18 46	1 15	20 31	0 0	12 49	1 26	29 52	6 58	22 22	22 24	18 47		n.a.
S 10	5 10	20 39	4 31	0 20	1 29	8 55	0 27	24 36	0 55	21 58	1 12	18 48	1 15	20 32	0 0	12 50	1 26	29 52	6 59	22 23	22 24	18 49		n.a.
M11	5 34	23 24	3 58	0s24	1 24	9 25	0 25	24 38	0 57	21 58	1 12	18 49	1 15	20 32	0 0	12 50	1 26	29 52	6 59	22 25	22 24	18 51		n.a.
T 12	5 57	25 8	3 16	1 9	1 18	9 55	0 22	24 41	0 59	21 57	1 12	18 50	1 15	20 33	0 0	12 50	1 26	29 52	6 59	22 26	22 25	18 53		n.a.
W13	6 21	25 44	2 24	1 53	1 12	10 24	0 20	24 43	1 1	21 56	1 12	18 52	1 15	20 34	0 0	12 51	1 26	29 53	7 0	22 26	22 25	18 55		n.a.
T 14	6 45	25 8	1 25	2 37	1 6	10 54	0 18	24 45	1 3	21 56	1 12	18 53	1 15	20 34	0 0	12 51	1 26	29 53	7 0	22 27	22 26	18 57		n.a.
F 15	7 8	23 17	0 21	3 21	1 0	11 23	0 15	24 48	1 5	21 55	1 12	18 55	1 14	20 35	0 0	12 51	1 26	29 53	7 0	22 27	22 26	18 59		n.a.
S 16	7 31	20 16	0s45	4 5	0 54	11 52	0 13	24 50	1 7	21 54	1 11	18 56	1 14	20 35	0 0	12 52	1 26	29 53	7 0	22 27	22 27	19 1		n.a.
S 17	7 55	16 8	1 52	4 49	0 47	12 20	0 10	24 52	1 9	21 53	1 11	18 58	1 14	20 36	0 0	12 52	1 26	29 54	7 1	22 27	22 27	19 3		n.a.
M18	8 18	11 5	2 54	5 33	0 41	12 48	0 8	24 54	1 11	21 52	1 11	18 59	1 14	20 37	0 0	12 52	1 26	29 54	7 1	22 27	22 28	19 5		n.a.
T 19	8 41	5 17	3 49	6 16	0 34	13 16	0 5	24 57	1 13	21 51	1 11	19 0	1 14	20 37	0 0	12 53	1 26	29 54	7 1	22 28	22 28	19 7		n.a.
W20	9 3	0s58	4 30	6 59	0 28	13 44	0 3	24 59	1 15	21 50	1 11	19 2	1 14	20 38	0 0	12 53	1 26	29 54	7 1	22 29	22 28	19 9		n.a.
T 21	9 26	7 20	4 55	7 42	0 21	14 11	0 1	25 1	1 18	21 49	1 11	19 3	1 14	20 39	0 0	12 53	1 25	29 55	7 2	22 31	22 29	19 11		n.a.
F 22	9 49	13 23	4 59	8 24	0 15	14 38	0s 2	25 4	1 20	21 48	1 11	19 5	1 14	20 39	0 0	12 53	1 25	29 55	7 2	22 32	22 29	19 13		n.a.
S 23	10 11	18 39	4 42	9 6	0 8	15 5	0 4	25 6	1 22	21 47	1 10	19 6	1 13	20 40	0 0	12 54	1 25	29 55	7 2	22 34	22 30	19 15		n.a.
S 24	10 33	22 39	4 5	9 48	0 1	15 31	0 7	25 8	1 24	21 45	1 10	19 8	1 13	20 41	0 0	12 54	1 25	29 55	7 2	22 35	22 30	19 17		n.a.
M25	10 56	25 2	3 12	10 29	0s 5	15 57	0 9	25 10	1 27	21 44	1 10	19 9	1 13	20 41	0 0	12 54	1 25	29 56	7 3	22 36	22 31	19 19		n.a.
T 26	11 17	25 37	2 7	11 9	0 12	16 22	0 12	25 13	1 29	21 43	1 10	19 11	1 13	20 42	0 0	12 54	1 25	29 56	7 3	22 37	22 31	19 20		n.a.
W27	11 39	24 30	0 56	11 50	0 18	16 47	0 14	25 15	1 31	21 42	1 10	19 12	1 13	20 43	0 0	12 54	1 25	29 56	7 3	22 37	22 31	19 22		n.a.
T 28	12 1	21 55	0n16	12 29	0 25	17 11	0 17	25 18	1 34	21 40	1 10	19 14	1 13	20 43	0 0	12 55	1 25	29 57	7 4	22 37	22 32	19 24		n.a.
F 29	12 22	18 13	1 26	13 8	0 31	17 35	0 19	25 20	1 36	21 39	1 10	19 15	1 13	20 44	0 0	12 55	1 25	29 57	7 4	22 37	22 32	19 26		n.a.
S 30	12 43	13 45	2 28	13 46	0 37	17 59	0 22	25 22	1 39	21 37	1 9	19 17	1 13	20 45	0 0	12 55	1 25	29 57	7 4	22 37	22 33	19 28		n.a.
S 31	13s 4	8s49	3n22	14s24	0s43	18s22	0s24	25n25	1n41	21s36	1s 9	19s18	1n12	20s45	0s 0	12s55	1s25	29n57	7n 4	22s37	22s33	19n30		n.a.

Julian Day Number = 1619061.5, Delta T = 03h48m38s
Ecliptic obliquity = 23°43'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'24, Lahiri = - 7°49'24 Julian Calendar 1 Oct. 281 BCE == Greg. Calendar 27 Sept. 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

NOVEMBER 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 24 40	5♏12'26	11♓20	7♏41	21♏20	0♋44	29♑46	0♐31	1♐45	0°R 2	14°R29	17°R 1	17♑35	10♉ 7	n.a.	M 1
T 2	2 28 37	6°13'25	23°31	9°15	22°35	0°47	29°53	0°38	1°48	0♓ 2	14♋29	16♑53	17°32	10°14	n.a.	T 2
W 3	2 32 33	7°14'26	5♈34	10°49	23°50	0°49	29°59	0°44	1°52	0° 1	14°29	16°42	17°29	10°21	n.a.	W 3
T 4	2 36 30	8°15'27	17°32	12°23	25° 5	0°51	0♒ 6	0°51	1°55	0° 1	14°28	16°29	17°25	10°27	n.a.	T 4
F 5	2 40 26	9°16'30	29°27	13°57	26°20	0°52	0°13	0°58	1°58	0° 0	14°28	16°16	17°22	10°34	n.a.	F 5
S 6	2 44 23	10°17'33	11♉19	15°31	27°35	0°R52	0°21	1° 4	2° 2	0° 0	14°27	16° 2	17°19	10°41	n.a.	S 6
S 7	2 48 20	11°18'37	23°11	17° 5	28°50	0°52	0°28	1°11	2° 5	29♒59	14°27	15°50	17°16	10°47	n.a.	S 7
M 8	2 52 16	12°19'42	5♊ 3	18°40	0♐ 5	0°50	0°36	1°18	2° 9	29°59	14°26	15°41	17°13	10°54	n.a.	M 8
T 9	2 56 13	13°20'49	16°58	20°14	1°20	0°48	0°43	1°25	2°12	29°59	14°26	15°34	17°10	11° 1	n.a.	T 9
W10	3 0 9	14°21'56	28°58	21°48	2°36	0°45	0°51	1°31	2°16	29°59	14°25	15°30	17° 6	11° 7	n.a.	W10
T 11	3 4 6	15°23'04	11♋ 6	23°22	3°51	0°41	0°59	1°38	2°19	29°59	14°25	15°D28	17° 3	11°14	n.a.	T 11
F 12	3 8 2	16°24'13	23°26	24°56	5° 6	0°37	1° 7	1°45	2°23	29°59	14°24	15°29	17° 0	11°21	n.a.	F 12
S 13	3 11 59	17°25'23	6♌ 3	26°31	6°21	0°31	1°16	1°52	2°26	29°59	14°23	15°29	16°57	11°28	n.a.	S 13
S 14	3 15 55	18°26'34	19° 0	28° 5	7°36	0°25	1°24	1°59	2°30	29°59	14°23	15°R30	16°54	11°34	n.a.	S 14
M15	3 19 52	19°27'46	2♍21	29°40	8°51	0°17	1°33	2° 6	2°33	29°D59	14°22	15°29	16°50	11°41	n.a.	M15
T 16	3 23 49	20°28'58	16°11	1♐14	10° 6	0° 9	1°42	2°13	2°37	29°59	14°21	15°26	16°47	11°48	n.a.	T 16
W17	3 27 45	21°30'12	0♎29	2°48	11°21	0° 0	1°50	2°20	2°40	29°59	14°21	15°21	16°44	11°54	n.a.	W17
T 18	3 31 42	22°31'26	15°13	4°23	12°36	29♊51	1°59	2°27	2°44	29°59	14°20	15°14	16°41	12° 1	n.a.	T 18
F 19	3 35 38	23°32'41	0♏18	5°57	13°51	29°40	2° 9	2°33	2°47	29°59	14°19	15° 6	16°38	12° 8	n.a.	F 19
S 20	3 39 35	24°33'56	15°34	7°31	15° 6	29°29	2°18	2°40	2°51	29°59	14°18	14°57	16°35	12°15	n.a.	S 20
S 21	3 43 31	25°35'12	0♐52	9° 5	16°21	29°17	2°27	2°47	2°55	29°59	14°17	14°50	16°31	12°21	n.a.	S 21
M22	3 47 28	26°36'28	15°59	10°38	17°36	29° 4	2°37	2°54	2°58	29°59	14°17	14°45	16°28	12°28	n.a.	M22
T 23	3 51 25	27°37'45	0♑46	12°11	18°50	28°50	2°47	3° 1	3° 2	29°59	14°16	14°42	16°25	12°35	n.a.	T 23
W24	3 55 21	28°39'02	15° 8	13°44	20° 5	28°35	2°56	3° 9	3° 6	0♓ 0	14°15	14°D41	16°22	12°41	n.a.	W24
T 25	3 59 18	29°40'18	29° 1	15°16	21°20	28°20	3° 6	3°16	3° 9	0° 0	14°14	14°42	16°19	12°48	n.a.	T 25
F 26	4 3 14	0♐41'35	12♒26	16°47	22°35	28° 4	3°16	3°23	3°13	0° 1	14°13	14°43	16°16	12°55	n.a.	F 26
S 27	4 7 11	1°42'51	25°26	18°17	23°50	27°47	3°27	3°30	3°16	0° 1	14°12	14°44	16°12	13° 2	n.a.	S 27
S 28	4 11 7	2°44'07	8♓ 3	19°46	25° 5	27°29	3°37	3°37	3°20	0° 2	14°11	14°R44	16° 9	13° 8	n.a.	S 28
M29	4 15 4	3°45'22	20°23	21°13	26°20	27°11	3°47	3°44	3°24	0° 2	14°10	14°43	16° 6	13°15	n.a.	M29
T 30	4 19 0	4♐46'38	2♈31	22♐39	27♐35	26♊52	3♒58	3♐51	3♐27	0♓ 3	14♋ 9	14♑39	16♑ 3	13♉22	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13 s25	3 s37	4n 6	15 s 1	0 s50	18 s44	0 s27	25n27	1n44	21 s34	1 s 9	19 s20	1n12	20 s46	0 s 0	12 s55	1 s25	29n58	7n 5	22 s38	22 s34	19n32		n.a.
T 2	13 45	1n38	4 37	15 38	0 56	19 6	0 29	25 30	1 46	21 33	1 9	19 21	1 12	20 47	0 0	12 55	1 25	29 58	7 5	22 39	22 34	19 34		n.a.
W 3	14 6	6 45	4 56	16 13	1 1	19 28	0 31	25 32	1 49	21 31	1 9	19 23	1 12	20 47	0 0	12 56	1 25	29 58	7 5	22 40	22 34	19 35		n.a.
T 4	14 26	11 35	5 1	16 48	1 7	19 49	0 34	25 35	1 51	21 30	1 9	19 24	1 12	20 48	0 0	12 56	1 25	29 59	7 5	22 42	22 35	19 37		n.a.
F 5	14 46	15 58	4 54	17 22	1 13	20 9	0 36	25 38	1 54	21 28	1 9	19 26	1 12	20 49	0 0	12 56	1 25	29 59	7 6	22 44	22 35	19 39		n.a.
S 6	15 5	19 44	4 33	17 56	1 18	20 29	0 39	25 40	1 57	21 26	1 8	19 27	1 12	20 49	0 0	12 56	1 25	29 59	7 6	22 45	22 36	19 41		n.a.
S 7	15 24	22 40	4 1	18 28	1 23	20 49	0 41	25 43	1 59	21 24	1 8	19 29	1 12	20 50	0 0	12 56	1 25	30 0	7 6	22 47	22 36	19 43		n.a.
M 8	15 43	24 38	3 18	19 0	1 28	21 7	0 43	25 45	2 2	21 23	1 8	19 30	1 12	20 51	0 0	12 56	1 25	30 0	7 6	22 48	22 36	19 45		n.a.
T 9	16 2	25 30	2 26	19 31	1 33	21 25	0 46	25 48	2 4	21 21	1 8	19 32	1 12	20 52	0 0	12 56	1 25	30 0	7 7	22 49	22 37	19 47		n.a.
W10	16 21	25 11	1 27	20 1	1 38	21 43	0 48	25 51	2 7	21 19	1 8	19 33	1 11	20 52	0 0	12 56	1 25	30 1	7 7	22 49	22 37	19 48		n.a.
T 11	16 39	23 39	0 23	20 30	1 42	22 0	0 50	25 54	2 10	21 17	1 8	19 34	1 11	20 53	0 0	12 56	1 25	30 1	7 7	22 49	22 38	19 50		n.a.
F 12	16 57	20 58	0 s43	20 57	1 47	22 16	0 52	25 56	2 13	21 15	1 8	19 36	1 11	20 54	0 0	12 56	1 25	30 1	7 7	22 49	22 38	19 52		n.a.
S 13	17 14	17 15	1 48	21 24	1 51	22 32	0 55	25 59	2 15	21 13	1 8	19 37	1 11	20 54	0 0	12 56	1 25	30 1	7 8	22 49	22 38	19 54		n.a.
S 14	17 32	12 38	2 50	21 50	1 54	22 47	0 57	26 2	2 18	21 11	1 7	19 39	1 11	20 55	0 0	12 56	1 25	30 2	7 8	22 49	22 39	19 56		n.a.
M15	17 49	7 17	3 44	22 14	1 58	23 1	0 59	26 5	2 21	21 9	1 7	19 40	1 11	20 56	0 0	12 56	1 25	30 2	7 8	22 49	22 39	19 57		n.a.
T 16	18 5	1 25	4 28	22 38	2 1	23 14	1 1	26 7	2 24	21 7	1 7	19 42	1 11	20 57	0 0	12 56	1 25	30 2	7 8	22 49	22 40	19 59		n.a.
W17	18 21	4 s42	4 56	23 0	2 4	23 27	1 3	26 10	2 26	21 5	1 7	19 43	1 11	20 57	0 0	12 56	1 24	30 3	7 9	22 50	22 40	20 1		n.a.
T 18	18 37	10 45	5 6	23 20	2 6	23 39	1 5	26 13	2 29	21 3	1 7	19 45	1 11	20 58	0 0	12 56	1 24	30 3	7 9	22 51	22 40	20 3		n.a.
F 19	18 53	16 19	4 56	23 40	2 8	23 51	1 7	26 16	2 32	21 0	1 7	19 46	1 11	20 59	0 0	12 56	1 24	30 3	7 9	22 52	22 41	20 4		n.a.
S 20	19 8	20 54	4 24	23 58	2 10	24 2	1 9	26 18	2 35	20 58	1 7	19 48	1 11	20 59	0 0	12 56	1 24	30 4	7 9	22 53	22 41	20 6		n.a.
S 21	19 23	24 3	3 34	24 14	2 11	24 12	1 11	26 21	2 37	20 56	1 7	19 49	1 11	21 0	0 0	12 56	1 24	30 4	7 10	22 54	22 42	20 8		n.a.
M22	19 38	25 26	2 28	24 29	2 12	24 21	1 13	26 24	2 40	20 54	1 7	19 51	1 10	21 1	0 0	12 55	1 24	30 4	7 10	22 54	22 42	20 10		n.a.
T 23	19 52	24 58	1 14	24 43	2 12	24 30	1 15	26 26	2 43	20 51	1 6	19 52	1 10	21 2	0 0	12 55	1 24	30 5	7 10	22 54	22 42	20 11		n.a.
W24	20 6	22 49	0n 2	24 54	2 12	24 37	1 16	26 29	2 45	20 49	1 6	19 53	1 10	21 2	0 0	12 55	1 24	30 5	7 10	22 55	22 43	20 13		n.a.
T 25	20 20	19 21	1 17	25 4	2 11	24 44	1 18	26 31	2 48	20 46	1 6	19 55	1 10	21 3	0 0	12 55	1 24	30 5	7 10	22 55	22 43	20 15		n.a.
F 26	20 33	14 58	2 24	25 13	2 10	24 51	1 20	26 34	2 51	20 44	1 6	19 56	1 10	21 4	0 0	12 55	1 24	30 6	7 11	22 54	22 44	20 17		n.a.
S 27	20 45	10 2	3 22	25 19	2 8	24 56	1 21	26 36	2 53	20 41	1 6	19 58	1 10	21 4	0 0	12 55	1 24	30 6	7 11	22 54	22 44	20 18		n.a.
S 28	20 58	4 48	4 9	25 24	2 5	25 1	1 23	26 38	2 56	20 39	1 6	19 59	1 10	21 5	0 1	12 54	1 24	30 6	7 11	22 54	22 44	20 20		n.a.
M29	21 9	0n28	4 43	25 27	2 1	25 5	1 24	26 40	2 58	20 36	1 6	20 0	1 10	21 6	0 1	12 54	1 24	30 7	7 11	22 54	22 45	20 22		n.a.
T 30	21 s21	5n38	5n 3	25 s28	1 s57	25 s 8	1 s26	26n42	3n 1	20 s34	1 s 6	20 s 2	1n10	21 s 7	0 s 1	12 s54	1 s24	30n 7	7n12	22 s55	22 s45	20n23		n.a.

Julian Day Number = 1619092.5, Delta T = 03h48m37s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'20, Lahiri = - 7°49'20 Julian Calendar 1 Nov. 281 BCE == Greg. Calendar 28 Oct. 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 281 BCE
geocentric

DECEMBER 281 BCE (-280) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 22 57	5♐47'53	14♈29	24♐ 2	28♐49	26°R33	4♒ 8	3♐58	3♐31	0♓ 3	14°R 8	14°R34	16♑ 0	13♉28	n.a.	W 1
T 2	4 26 54	6°49'08	26°22	25°22	0♑ 4	26♊13	4°19	4° 5	3°34	0° 4	14♋ 7	14♑27	15°56	13°35	n.a.	T 2
F 3	4 30 50	7°50'23	8♉13	26°40	1°19	25°52	4°30	4°12	3°38	0° 4	14° 6	14°20	15°53	13°42	n.a.	F 3
S 4	4 34 47	8°51'37	20° 5	27°54	2°34	25°31	4°41	4°19	3°42	0° 5	14° 5	14°13	15°50	13°49	n.a.	S 4
S 5	4 38 43	9°52'51	1♊59	29° 4	3°48	25°10	4°52	4°26	3°45	0° 6	14° 4	14° 6	15°47	13°55	n.a.	S 5
M 6	4 42 40	10°54'05	13°57	0♑ 8	5° 3	24°48	5° 3	4°33	3°49	0° 6	14° 2	14° 1	15°44	14° 2	n.a.	M 6
T 7	4 46 36	11°55'19	26° 0	1° 7	6°18	24°25	5°14	4°40	3°53	0° 7	14° 1	13°58	15°41	14° 9	n.a.	T 7
W 8	4 50 33	12°56'33	8♋11	2° 0	7°32	24° 3	5°26	4°47	3°56	0° 8	14° 0	13°D57	15°37	14°15	n.a.	W 8
T 9	4 54 29	13°57'46	20°31	2°45	8°47	23°40	5°37	4°54	4° 0	0° 9	13°59	13°57	15°34	14°22	n.a.	T 9
F 10	4 58 26	14°58'59	3♌ 2	3°21	10° 2	23°16	5°49	5° 1	4° 3	0°10	13°58	13°58	15°31	14°29	n.a.	F 10
S 11	5 2 23	16° 0'12	15°46	3°49	11°16	22°53	6° 1	5° 8	4° 7	0°10	13°57	14° 0	15°28	14°35	n.a.	S 11
S 12	5 6 19	17° 1'25	28°47	4° 6	12°31	22°29	6°12	5°15	4°10	0°11	13°55	14° 1	15°25	14°42	n.a.	S 12
M13	5 10 16	18° 2'37	12♍ 7	4°R13	13°45	22° 5	6°24	5°22	4°14	0°12	13°54	14°R 2	15°22	14°49	n.a.	M13
T 14	5 14 12	19° 3'49	25°49	4° 8	15° 0	21°41	6°36	5°29	4°18	0°13	13°53	14° 2	15°18	14°56	n.a.	T 14
W15	5 18 9	20° 5'01	9♎52	3°52	16°14	21°17	6°48	5°35	4°21	0°14	13°52	14° 1	15°15	15° 2	n.a.	W15
T 16	5 22 5	21° 6'12	24°17	3°24	17°29	20°52	7° 0	5°42	4°25	0°15	13°50	13°59	15°12	15° 9	n.a.	T 16
F 17	5 26 2	22° 7'23	8♏59	2°44	18°43	20°28	7°12	5°49	4°28	0°16	13°49	13°56	15° 9	15°16	n.a.	F 17
S 18	5 29 59	23° 8'34	23°55	1°54	19°57	20° 4	7°25	5°56	4°32	0°18	13°48	13°53	15° 6	15°22	n.a.	S 18
S 19	5 33 55	24° 9'44	8♐54	0°55	21°12	19°41	7°37	6° 3	4°35	0°19	13°46	13°50	15° 2	15°29	n.a.	S 19
M20	5 37 52	25°10'54	23°50	29♐48	22°26	19°17	7°49	6°10	4°39	0°20	13°45	13°48	14°59	15°36	n.a.	M20
T 21	5 41 48	26°12'03	8♑34	28°35	23°41	18°53	8° 2	6°16	4°42	0°21	13°44	13°D48	14°56	15°43	n.a.	T 21
W22	5 45 45	27°13'10	22°57	27°20	24°55	18°30	8°15	6°23	4°45	0°22	13°42	13°48	14°53	15°49	n.a.	W22
T 23	5 49 41	28°14'17	6♒57	26° 3	26° 9	18° 8	8°27	6°30	4°49	0°24	13°41	13°48	14°50	15°56	n.a.	T 23
F 24	5 53 38	29°15'23	20°31	24°47	27°23	17°45	8°40	6°37	4°52	0°25	13°40	13°50	14°47	16° 3	n.a.	F 24
S 25	5 57 34	0♑16'27	3♓38	23°35	28°38	17°23	8°53	6°43	4°56	0°26	13°38	13°51	14°43	16° 9	n.a.	S 25
S 26	6 1 31	1°17'30	16°23	22°28	29°52	17° 2	9° 6	6°50	4°59	0°27	13°37	13°52	14°40	16°16	n.a.	S 26
M27	6 5 28	2°18'32	28°48	21°27	1♒ 6	16°41	9°19	6°56	5° 2	0°29	13°36	13°R52	14°37	16°23	n.a.	M27
T 28	6 9 24	3°19'32	10♈57	20°35	2°20	16°20	9°32	7° 3	5° 6	0°30	13°34	13°52	14°34	16°29	n.a.	T 28
W29	6 13 21	4°20'31	22°56	19°50	3°34	16° 0	9°45	7°10	5° 9	0°32	13°33	13°52	14°31	16°36	n.a.	W29
T 30	6 17 17	5°21'29	4♉48	19°15	4°48	15°41	9°58	7°16	5°12	0°33	13°31	13°51	14°28	16°43	n.a.	T 30
F 31	6 21 14	6♑22'25	16♉39	18♐48	6♒ 2	15♊22	10♒11	7♐23	5♐15	0♓35	13♋30	13♑50	14♑24	16♉50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s32	10n31	5n10	25s28	1s52	25s11	1s27	26n44	3n 3	20s31	1s 6	20s 3	1n10	21s 7	0s 1	12s54	1s24	30n 7	7n12	22s55	22s46	20n25		n.a.
T 2	21 43	15 0	5 3	25 25	1 46	25 12	1 29	26 46	3 6	20 28	1 5	20 5	1 10	21 8	0 1	12 53	1 24	30 8	7 12	22 56	22 46	20 27		n.a.
F 3	21 53	18 53	4 44	25 21	1 39	25 13	1 30	26 48	3 8	20 26	1 5	20 6	1 10	21 9	0 1	12 53	1 24	30 8	7 12	22 57	22 46	20 29		n.a.
S 4	22 3	22 1	4 12	25 14	1 32	25 13	1 31	26 49	3 10	20 23	1 5	20 7	1 10	21 9	0 1	12 53	1 24	30 8	7 12	22 58	22 47	20 30		n.a.
S 5	22 12	24 13	3 29	25 6	1 23	25 13	1 32	26 51	3 13	20 20	1 5	20 9	1 10	21 10	0 1	12 53	1 24	30 9	7 13	22 58	22 47	20 32		n.a.
M 6	22 21	25 20	2 36	24 57	1 13	25 11	1 33	26 52	3 15	20 17	1 5	20 10	1 10	21 11	0 1	12 52	1 24	30 9	7 13	22 59	22 47	20 34		n.a.
T 7	22 30	25 17	1 37	24 45	1 2	25 9	1 34	26 53	3 17	20 14	1 5	20 11	1 10	21 11	0 1	12 52	1 24	30 9	7 13	22 59	22 48	20 35		n.a.
W 8	22 38	24 0	0 31	24 32	0 49	25 6	1 35	26 54	3 19	20 11	1 5	20 13	1 9	21 12	0 1	12 52	1 24	30 10	7 13	22 59	22 48	20 37		n.a.
T 9	22 45	21 33	0s36	24 18	0 36	25 2	1 36	26 55	3 21	20 8	1 5	20 14	1 9	21 13	0 1	12 51	1 24	30 10	7 13	22 59	22 49	20 39		n.a.
F 10	22 52	18 3	1 43	24 3	0 21	24 58	1 37	26 56	3 23	20 6	1 5	20 15	1 9	21 13	0 1	12 51	1 24	30 10	7 13	22 59	22 49	20 40		n.a.
S 11	22 59	13 40	2 46	23 46	0 6	24 52	1 38	26 56	3 25	20 3	1 5	20 17	1 9	21 14	0 1	12 51	1 24	30 10	7 14	22 59	22 49	20 42		n.a.
S 12	23 5	8 34	3 42	23 29	0n11	24 46	1 39	26 57	3 26	19 59	1 5	20 18	1 9	21 15	0 1	12 50	1 24	30 11	7 14	22 59	22 50	20 43		n.a.
M13	23 11	2 59	4 27	23 11	0 29	24 39	1 39	26 57	3 28	19 56	1 5	20 19	1 9	21 16	0 1	12 50	1 23	30 11	7 14	22 59	22 50	20 45		n.a.
T 14	23 16	2s53	4 59	22 53	0 47	24 32	1 40	26 57	3 29	19 53	1 5	20 21	1 9	21 16	0 1	12 50	1 23	30 11	7 14	22 59	22 50	20 47		n.a.
W15	23 21	8 45	5 14	22 34	1 6	24 23	1 40	26 57	3 31	19 50	1 4	20 22	1 9	21 17	0 1	12 49	1 23	30 12	7 14	22 59	22 51	20 48		n.a.
T 16	23 26	14 18	5 10	22 16	1 25	24 14	1 41	26 56	3 32	19 47	1 4	20 23	1 9	21 18	0 1	12 49	1 23	30 12	7 14	22 59	22 51	20 50		n.a.
F 17	23 30	19 10	4 45	21 57	1 45	24 4	1 41	26 56	3 34	19 44	1 4	20 24	1 9	21 18	0 1	12 48	1 23	30 12	7 15	22 59	22 51	20 52		n.a.
S 18	23 33	22 52	4 1	21 40	2 3	23 54	1 41	26 55	3 35	19 41	1 4	20 25	1 9	21 19	0 1	12 48	1 23	30 13	7 15	23 0	22 52	20 53		n.a.
S 19	23 36	25 2	3 1	21 22	2 21	23 42	1 41	26 55	3 36	19 37	1 4	20 27	1 9	21 20	0 1	12 48	1 23	30 13	7 15	23 0	22 52	20 55		n.a.
M20	23 38	25 23	1 48	21 6	2 38	23 30	1 41	26 54	3 37	19 34	1 4	20 28	1 9	21 20	0 1	12 47	1 23	30 13	7 15	23 0	22 53	20 56		n.a.
T 21	23 40	23 56	0 29	20 51	2 53	23 18	1 42	26 53	3 38	19 31	1 4	20 29	1 9	21 21	0 1	12 47	1 23	30 13	7 15	23 0	22 53	20 58		n.a.
W22	23 42	20 55	0n50	20 37	3 6	23 4	1 41	26 51	3 39	19 27	1 4	20 30	1 9	21 21	0 1	12 46	1 23	30 14	7 15	23 0	22 53	21 0		n.a.
T 23	23 43	16 45	2 5	20 24	3 16	22 50	1 41	26 50	3 39	19 24	1 4	20 32	1 9	21 22	0 1	12 46	1 23	30 14	7 15	23 0	22 54	21 1		n.a.
F 24	23 44	11 50	3 9	20 13	3 24	22 35	1 41	26 48	3 40	19 20	1 4	20 33	1 9	21 23	0 1	12 45	1 23	30 14	7 16	23 0	22 54	21 3		n.a.
S 25	23 44	6 32	4 2	20 5	3 30	22 20	1 41	26 47	3 41	19 17	1 4	20 34	1 9	21 23	0 1	12 45	1 23	30 15	7 16	23 0	22 54	21 4		n.a.
S 26	23 43	1 7	4 41	19 58	3 33	22 4	1 41	26 45	3 41	19 13	1 4	20 35	1 9	21 24	0 1	12 44	1 23	30 15	7 16	23 0	22 55	21 6		n.a.
M27	23 43	4n11	5 6	19 53	3 34	21 47	1 40	26 43	3 41	19 10	1 4	20 36	1 9	21 25	0 1	12 44	1 23	30 15	7 16	23 0	22 55	21 7		n.a.
T 28	23 41	9 13	5 16	19 51	3 33	21 30	1 40	26 42	3 42	19 6	1 4	20 37	1 9	21 25	0 1	12 43	1 23	30 15	7 16	23 0	22 55	21 9		n.a.
W29	23 39	13 51	5 13	19 50	3 30	21 12	1 39	26 40	3 42	19 3	1 4	20 38	1 9	21 26	0 1	12 43	1 23	30 16	7 16	23 0	22 56	21 10		n.a.
T 30	23 37	17 55	4 56	19 52	3 26	20 53	1 38	26 38	3 42	18 59	1 4	20 39	1 9	21 26	0 1	12 42	1 23	30 16	7 16	23 0	22 56	21 12		n.a.
F 31	23s34	21n16	4n26	19s56	3n20	20s34	1s38	26n36	3n42	18s55	1s 4	20s41	1n 9	21s27	0s 1	12s41	1s23	30n16	7n16	23s 0	22s56	21n13		n.a.

Julian Day Number = 1619122.5, Delta T = 03h48m36s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'16, Lahiri = - 7°49'15 Julian Calendar 1 Dec. 281 BCE == Greg. Calendar 27 Nov. 281 BCE

The year -280 astronomical counting style corresponds to year 281 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

JANUARY 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 25 10	7♑23'20	28♉31	18°R29	7♒16	15°R 4	10♒24	7♐29	5♐19	0♓36	13°R29	13°R49	14♑21	16♉56	n.a.	S 1
S 2	6 29 7	8°24'14	10♊28	18♐19	8°30	14♊46	10°38	7°35	5°22	0°38	13♋27	13♑48	14°18	17° 3	n.a.	S 2
M 3	6 33 3	9°25'06	22°33	18°D17	9°43	14°30	10°51	7°42	5°25	0°39	13°26	13°47	14°15	17°10	n.a.	M 3
T 4	6 37 0	10°25'57	4♋48	18°23	10°57	14°14	11° 4	7°48	5°28	0°41	13°24	13°47	14°12	17°16	n.a.	T 4
W 5	6 40 57	11°26'47	17°14	18°35	12°11	13°58	11°18	7°54	5°31	0°42	13°23	13°D47	14° 8	17°23	n.a.	W 5
T 6	6 44 53	12°27'35	29°52	18°54	13°25	13°44	11°31	8° 1	5°34	0°44	13°21	13°47	14° 5	17°30	n.a.	T 6
F 7	6 48 50	13°28'22	12♌42	19°19	14°38	13°30	11°45	8° 7	5°37	0°46	13°20	13°R47	14° 2	17°37	n.a.	F 7
S 8	6 52 46	14°29'07	25°47	19°49	15°52	13°17	11°59	8°13	5°40	0°47	13°19	13°47	13°59	17°43	n.a.	S 8
S 9	6 56 43	15°29'51	9♍ 4	20°25	17° 5	13° 5	12°12	8°19	5°43	0°49	13°17	13°47	13°56	17°50	n.a.	S 9
M10	7 0 39	16°30'34	22°36	21° 5	18°19	12°53	12°26	8°25	5°46	0°51	13°16	13°47	13°53	17°57	n.a.	M10
T 11	7 4 36	17°31'16	6♎21	21°49	19°32	12°42	12°40	8°31	5°49	0°53	13°14	13°47	13°49	18° 3	n.a.	T 11
W12	7 8 33	18°31'57	20°19	22°37	20°45	12°32	12°54	8°37	5°52	0°54	13°13	13°D46	13°46	18°10	n.a.	W12
T 13	7 12 29	19°32'36	4♏30	23°29	21°59	12°23	13° 7	8°43	5°55	0°56	13°11	13°47	13°43	18°17	n.a.	T 13
F 14	7 16 26	20°33'14	18°51	24°23	23°12	12°15	13°21	8°49	5°58	0°58	13°10	13°47	13°40	18°23	n.a.	F 14
S 15	7 20 22	21°33'51	3♐19	25°21	24°25	12° 7	13°35	8°55	6° 1	1° 0	13° 9	13°48	13°37	18°30	n.a.	S 15
S 16	7 24 19	22°34'26	17°51	26°22	25°38	12° 0	13°49	9° 0	6° 4	1° 2	13° 7	13°48	13°34	18°37	n.a.	S 16
M17	7 28 15	23°35'00	2♑20	27°25	26°51	11°54	14° 3	9° 6	6° 6	1° 4	13° 6	13°49	13°30	18°44	n.a.	M17
T 18	7 32 12	24°35'33	16°42	28°30	28° 4	11°49	14°17	9°12	6° 9	1° 5	13° 4	13°R49	13°27	18°50	n.a.	T 18
W19	7 36 8	25°36'03	0♒51	29°38	29°17	11°45	14°31	9°17	6°12	1° 7	13° 3	13°49	13°24	18°57	n.a.	W19
T 20	7 40 5	26°36'32	14°43	0♑48	0♓30	11°41	14°45	9°23	6°14	1° 9	13° 2	13°48	13°21	19° 4	n.a.	T 20
F 21	7 44 2	27°36'59	28°15	2° 0	1°43	11°38	15° 0	9°28	6°17	1°11	13° 0	13°46	13°18	19°10	n.a.	F 21
S 22	7 47 58	28°37'24	11♓25	3°13	2°56	11°36	15°14	9°34	6°19	1°13	12°59	13°44	13°14	19°17	n.a.	S 22
S 23	7 51 55	29°37'47	24°13	4°28	4° 9	11°35	15°28	9°39	6°22	1°15	12°58	13°42	13°11	19°24	n.a.	S 23
M24	7 55 51	0♒38'08	6♈42	5°45	5°21	11°D35	15°42	9°44	6°24	1°17	12°56	13°40	13° 8	19°30	n.a.	M24
T 25	7 59 48	1°38'27	18°55	7° 4	6°34	11°35	15°56	9°49	6°27	1°19	12°55	13°38	13° 5	19°37	n.a.	T 25
W26	8 3 44	2°38'43	0♉56	8°23	7°46	11°36	16°11	9°55	6°29	1°21	12°54	13°D38	13° 2	19°44	n.a.	W26
T 27	8 7 41	3°38'58	12°49	9°45	8°59	11°38	16°25	10° 0	6°32	1°23	12°52	13°38	12°59	19°50	n.a.	T 27
F 28	8 11 37	4°39'11	24°40	11° 7	10°11	11°40	16°39	10° 5	6°34	1°25	12°51	13°39	12°55	19°57	n.a.	F 28
S 29	8 15 34	5°39'21	6♊32	12°31	11°23	11°43	16°54	10°10	6°36	1°27	12°50	13°41	12°52	20° 4	n.a.	S 29
S 30	8 19 31	6°39'29	18°32	13°56	12°35	11°47	17° 8	10°15	6°39	1°30	12°48	13°42	12°49	20°11	n.a.	S 30
M31	8 23 27	7♒39'35	0♋42	15♑23	13♓47	11♊51	17♒22	10♐19	6♐41	1♓32	12♋47	13♑44	12♑46	20♉17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s31	23n44	3n46	20s 2	3n13	20s14	1s37	26n33	3n42	18s52	1s 4	20s42	1n 9	21s28	0s 1	12s41	1s23	30n16	7n17	23s 0	22s57	21n15		n.a.	S 1
S 2	23 28	25 10	2 55	20 9	3 4	19 54	1 36	26 31	3 42	18 48	1 3	20 43	1 9	21 28	0 1	12 40	1 23	30 17	7 17	23 0	22 57	21 16		n.a.	S 2
M 3	23 23	25 26	1 55	20 18	2 56	19 33	1 35	26 29	3 42	18 44	1 3	20 44	1 9	21 29	0 1	12 40	1 23	30 17	7 17	23 0	22 57	21 18		n.a.	M 3
T 4	23 19	24 28	0 50	20 28	2 46	19 12	1 34	26 27	3 41	18 41	1 3	20 45	1 9	21 29	0 1	12 39	1 23	30 17	7 17	23 0	22 58	21 19		n.a.	T 4
W 5	23 14	22 17	0s19	20 39	2 36	18 50	1 33	26 25	3 41	18 37	1 3	20 46	1 9	21 30	0 1	12 39	1 23	30 17	7 17	23 0	22 58	21 21		n.a.	W 5
T 6	23 8	18 59	1 28	20 50	2 26	18 28	1 32	26 22	3 41	18 33	1 3	20 47	1 9	21 30	0 1	12 38	1 23	30 18	7 17	23 0	22 58	21 22		n.a.	T 6
F 7	23 2	14 45	2 34	21 3	2 15	18 5	1 30	26 20	3 40	18 29	1 3	20 48	1 9	21 31	0 1	12 37	1 23	30 18	7 17	23 0	22 59	21 24		n.a.	F 7
S 8	22 56	9 45	3 33	21 16	2 4	17 41	1 29	26 18	3 40	18 25	1 3	20 49	1 9	21 32	0 1	12 37	1 23	30 18	7 17	23 0	22 59	21 25		n.a.	S 8
S 9	22 49	4 14	4 21	21 29	1 54	17 18	1 28	26 16	3 39	18 21	1 3	20 50	1 9	21 32	0 1	12 36	1 23	30 18	7 17	23 0	22 59	21 27		n.a.	S 9
M10	22 42	1s33	4 56	21 43	1 43	16 53	1 26	26 14	3 38	18 17	1 3	20 51	1 9	21 33	0 1	12 35	1 23	30 19	7 17	23 0	23 0	21 28		n.a.	M10
T 11	22 34	7 21	5 15	21 57	1 32	16 28	1 24	26 12	3 38	18 13	1 3	20 52	1 9	21 33	0 1	12 35	1 23	30 19	7 17	23 0	23 0	21 30		n.a.	T 11
W12	22 26	12 53	5 15	22 10	1 21	16 3	1 23	26 10	3 37	18 9	1 3	20 53	1 9	21 34	0 1	12 34	1 23	30 19	7 17	23 0	23 0	21 31		n.a.	W12
T 13	22 17	17 49	4 57	22 23	1 11	15 38	1 21	26 8	3 36	18 5	1 3	20 54	1 9	21 34	0 1	12 33	1 23	30 19	7 17	23 0	23 1	21 33		n.a.	T 13
F 14	22 8	21 48	4 20	22 36	1 0	15 12	1 19	26 6	3 35	18 1	1 3	20 54	1 9	21 35	0 1	12 33	1 22	30 19	7 18	23 0	23 1	21 34		n.a.	F 14
S 15	21 59	24 27	3 26	22 49	0 50	14 45	1 17	26 4	3 35	17 57	1 3	20 55	1 9	21 35	0 1	12 32	1 22	30 20	7 18	23 0	23 1	21 36		n.a.	S 15
S 16	21 49	25 29	2 19	23 1	0 40	14 19	1 15	26 2	3 34	17 53	1 3	20 56	1 9	21 36	0 1	12 31	1 22	30 20	7 18	23 0	23 2	21 37		n.a.	S 16
M17	21 39	24 46	1 3	23 12	0 30	13 51	1 13	26 0	3 33	17 49	1 3	20 57	1 9	21 36	0 1	12 31	1 22	30 20	7 18	23 0	23 2	21 38		n.a.	M17
T 18	21 28	22 24	0n16	23 23	0 20	13 24	1 11	25 58	3 32	17 45	1 3	20 58	1 9	21 37	0 1	12 30	1 22	30 20	7 18	23 0	23 2	21 40		n.a.	T 18
W19	21 17	18 42	1 33	23 33	0 11	12 56	1 9	25 57	3 31	17 41	1 3	20 59	1 9	21 37	0 1	12 29	1 22	30 20	7 18	23 0	23 3	21 41		n.a.	W19
T 20	21 5	14 1	2 43	23 42	0 2	12 28	1 7	25 55	3 30	17 37	1 3	21 0	1 9	21 38	0 1	12 29	1 22	30 20	7 18	23 0	23 3	21 43		n.a.	T 20
F 21	20 53	8 46	3 42	23 50	0s 7	12 0	1 4	25 54	3 29	17 32	1 3	21 0	1 9	21 38	0 1	12 28	1 22	30 21	7 18	23 0	23 3	21 44		n.a.	F 21
S 22	20 41	3 15	4 27	23 57	0 16	11 31	1 2	25 53	3 28	17 28	1 3	21 1	1 9	21 39	0 1	12 27	1 22	30 21	7 18	23 1	23 4	21 45		n.a.	S 22
S 23	20 28	2n14	4 58	24 4	0 24	11 2	1 0	25 51	3 27	17 24	1 3	21 2	1 9	21 39	0 1	12 26	1 22	30 21	7 18	23 1	23 4	21 47		n.a.	S 23
M24	20 15	7 29	5 13	24 9	0 33	10 33	0 57	25 50	3 25	17 20	1 3	21 3	1 9	21 39	0 1	12 26	1 22	30 21	7 18	23 1	23 4	21 48		n.a.	M24
T 25	20 2	12 20	5 14	24 13	0 40	10 3	0 54	25 49	3 24	17 15	1 3	21 4	1 9	21 40	0 1	12 25	1 22	30 21	7 18	23 1	23 5	21 50		n.a.	T 25
W26	19 48	16 38	5 2	24 16	0 48	9 33	0 52	25 48	3 23	17 11	1 3	21 4	1 9	21 40	0 1	12 24	1 22	30 21	7 18	23 1	23 5	21 51		n.a.	W26
T 27	19 34	20 15	4 36	24 17	0 55	9 3	0 49	25 47	3 22	17 7	1 3	21 5	1 9	21 41	0 1	12 23	1 22	30 22	7 18	23 1	23 5	21 52		n.a.	T 27
F 28	19 20	23 1	3 59	24 18	1 2	8 33	0 46	25 46	3 21	17 2	1 3	21 6	1 9	21 41	0 1	12 23	1 22	30 22	7 18	23 1	23 6	21 54		n.a.	F 28
S 29	19 5	24 48	3 11	24 17	1 9	8 3	0 43	25 46	3 20	16 58	1 3	21 6	1 9	21 42	0 1	12 22	1 22	30 22	7 18	23 1	23 6	21 55		n.a.	S 29
S 30	18 50	25 28	2 14	24 14	1 15	7 32	0 40	25 45	3 18	16 54	1 3	21 7	1 9	21 42	0 1	12 21	1 22	30 22	7 18	23 1	23 6	21 56		n.a.	S 30
M31	18s35	24n55	1n11	24s11	1s21	7s 2	0s37	25n44	3n17	16s49	1s 3	21s 8	1n 9	21s42	0s 1	12s20	1s22	30n22	7n18	23s 1	23s 7	21n58		n.a.	M31

Julian Day Number = 1619153.5, Delta T = 03h48m35s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'12, Lahiri = - 7°49'11 Julian Calendar 1 Jan. 280 BCE == Greg. Calendar 28 Dec. 281 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

FEBRUARY 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 27 24	8♒39'39	13♋ 6	16♉51	14♓59	11♊57	17♒37	10♐24	6♐43	1♓34	12°R46	13°R44	12♉43	20♉24	n.a.	T 1
W 2	8 31 20	9°39'41	25°47	18°20	16°11	12° 3	17°51	10°29	6°45	1°36	12♋45	13♉44	12°40	20°31	n.a.	W 2
T 3	8 35 17	10°39'40	8♌44	19°50	17°23	12° 9	18° 6	10°34	6°47	1°38	12°43	13°42	12°36	20°37	n.a.	T 3
F 4	8 39 13	11°39'38	21°59	21°21	18°34	12°16	18°20	10°38	6°49	1°40	12°42	13°39	12°33	20°44	n.a.	F 4
S 5	8 43 10	12°39'33	5♍29	22°53	19°46	12°24	18°34	10°43	6°51	1°42	12°41	13°34	12°30	20°51	n.a.	S 5
S 6	8 47 6	13°39'27	19°13	24°27	20°58	12°32	18°49	10°47	6°53	1°44	12°40	13°30	12°27	20°57	n.a.	S 6
M 7	8 51 3	14°39'19	3♎ 8	26° 2	22° 9	12°41	19° 3	10°51	6°55	1°47	12°38	13°25	12°24	21° 4	n.a.	M 7
T 8	8 54 59	15°39'09	17°10	27°38	23°20	12°51	19°18	10°56	6°57	1°49	12°37	13°21	12°20	21°11	n.a.	T 8
W 9	8 58 56	16°38'57	1♏17	29°15	24°31	13° 1	19°32	11° 0	6°59	1°51	12°36	13°19	12°17	21°18	n.a.	W 9
T 10	9 2 53	17°38'43	15°27	0♒53	25°42	13°12	19°47	11° 4	7° 0	1°53	12°35	13°D18	12°14	21°24	n.a.	T 10
F 11	9 6 49	18°38'28	29°37	2°33	26°53	13°23	20° 1	11° 8	7° 2	1°56	12°34	13°18	12°11	21°31	n.a.	F 11
S 12	9 10 46	19°38'11	13♐46	4°14	28° 4	13°35	20°16	11°12	7° 4	1°58	12°33	13°20	12° 8	21°38	n.a.	S 12
S 13	9 14 42	20°37'52	27°51	5°55	29°15	13°47	20°30	11°16	7° 5	2° 0	12°32	13°21	12° 5	21°44	n.a.	S 13
M14	9 18 39	21°37'31	11♑52	7°39	0♈26	14° 0	20°44	11°19	7° 7	2° 2	12°31	13°R22	12° 1	21°51	n.a.	M14
T 15	9 22 35	22°37'09	25°46	9°23	1°36	14°13	20°59	11°23	7° 9	2° 4	12°30	13°21	11°58	21°58	n.a.	T 15
W16	9 26 32	23°36'44	9♒30	11° 9	2°47	14°27	21°13	11°27	7°10	2° 7	12°29	13°19	11°55	22° 4	n.a.	W16
T 17	9 30 28	24°36'17	23° 2	12°55	3°57	14°41	21°28	11°30	7°11	2° 9	12°28	13°14	11°52	22°11	n.a.	T 17
F 18	9 34 25	25°35'48	6♓19	14°43	5° 7	14°56	21°42	11°34	7°13	2°11	12°27	13° 7	11°49	22°18	n.a.	F 18
S 19	9 38 22	26°35'17	19°20	16°33	6°17	15°11	21°57	11°37	7°14	2°13	12°26	13° 0	11°45	22°24	n.a.	S 19
S 20	9 42 18	27°34'43	2♈ 4	18°23	7°27	15°27	22°11	11°40	7°15	2°16	12°25	12°52	11°42	22°31	n.a.	S 20
M21	9 46 15	28°34'07	14°32	20°15	8°37	15°43	22°26	11°44	7°17	2°18	12°24	12°44	11°39	22°38	n.a.	M21
T 22	9 50 11	29°33'29	26°44	22° 9	9°47	16° 0	22°40	11°47	7°18	2°20	12°23	12°38	11°36	22°45	n.a.	T 22
W23	9 54 8	0♓32'48	8♉45	24° 3	10°56	16°17	22°54	11°50	7°19	2°23	12°22	12°33	11°33	22°51	n.a.	W23
T 24	9 58 4	1°32'06	20°39	25°59	12° 6	16°34	23° 9	11°53	7°20	2°25	12°21	12°30	11°30	22°58	n.a.	T 24
F 25	10 2 1	2°31'20	2♊29	27°56	13°15	16°52	23°23	11°56	7°21	2°27	12°20	12°D30	11°26	23° 5	n.a.	F 25
S 26	10 5 57	3°30'33	14°21	29°54	14°24	17°10	23°38	11°58	7°22	2°29	12°20	12°30	11°23	23°11	n.a.	S 26
S 27	10 9 54	4°29'43	26°21	1♓53	15°33	17°29	23°52	12° 1	7°23	2°32	12°19	12°31	11°20	23°18	n.a.	S 27
M28	10 13 51	5♓28'50	8♋33	3♓54	16♈42	17♊48	24♒ 6	12♐ 4	7♐24	2♓34	12♋18	12°R32	11♉17	23♉25	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s19	23n 8	0n 3	24s 6	1s27	6s31	0s34	25n44	3n16	16s45	1s 3	21s 8	1n 9	21s43	0s 1	12s20	1s22	30n22	7n18	23s 1	23s 7	21n59		n.a.
W 2	18 3	20 10	1s 6	23 59	1 33	6 0	0 31	25 43	3 15	16 40	1 3	21 9	1 9	21 43	0 1	12 19	1 22	30 22	7 18	23 1	23 7	22 0		n.a.
T 3	17 46	16 9	2 13	23 51	1 38	5 29	0 28	25 43	3 14	16 36	1 3	21 10	1 9	21 43	0 1	12 18	1 22	30 22	7 18	23 1	23 7	22 2		n.a.
F 4	17 30	11 17	3 14	23 42	1 42	4 57	0 25	25 43	3 12	16 31	1 3	21 10	1 9	21 44	0 1	12 17	1 22	30 23	7 18	23 1	23 8	22 3		n.a.
S 5	17 13	5 48	4 6	23 31	1 47	4 26	0 22	25 43	3 11	16 27	1 3	21 11	1 9	21 44	0 1	12 16	1 22	30 23	7 18	23 2	23 8	22 4		n.a.
S 6	16 56	0s 2	4 45	23 18	1 51	3 54	0 18	25 43	3 10	16 22	1 3	21 12	1 9	21 45	0 1	12 16	1 22	30 23	7 18	23 2	23 8	22 6		n.a.
M 7	16 38	5 57	5 7	23 4	1 54	3 23	0 15	25 43	3 9	16 18	1 3	21 12	1 9	21 45	0 1	12 15	1 22	30 23	7 18	23 3	23 9	22 7		n.a.
T 8	16 20	11 36	5 11	22 48	1 57	2 51	0 12	25 43	3 7	16 13	1 4	21 13	1 9	21 45	0 1	12 14	1 22	30 23	7 18	23 3	23 9	22 8		n.a.
W 9	16 2	16 41	4 57	22 31	2 0	2 20	0 8	25 43	3 6	16 9	1 4	21 13	1 9	21 45	0 1	12 13	1 22	30 23	7 18	23 3	23 9	22 9		n.a.
T 10	15 44	20 52	4 25	22 12	2 3	1 48	0 5	25 43	3 5	16 4	1 4	21 14	1 9	21 46	0 1	12 12	1 22	30 23	7 18	23 3	23 10	22 11		n.a.
F 11	15 25	23 49	3 36	21 51	2 5	1 16	0 1	25 43	3 4	15 59	1 4	21 14	1 9	21 46	0 1	12 12	1 22	30 23	7 18	23 3	23 10	22 12		n.a.
S 12	15 6	25 17	2 34	21 28	2 6	0 44	0n 2	25 43	3 2	15 55	1 4	21 15	1 9	21 46	0 1	12 11	1 22	30 23	7 17	23 3	23 10	22 13		n.a.
S 13	14 47	25 6	1 23	21 4	2 7	0 13	0 6	25 44	3 1	15 50	1 4	21 15	1 9	21 47	0 1	12 10	1 22	30 23	7 17	23 3	23 10	22 15		n.a.
M14	14 28	23 20	0 8	20 38	2 8	0n19	0 10	25 44	3 0	15 46	1 4	21 16	1 9	21 47	0 1	12 9	1 22	30 23	7 17	23 3	23 11	22 16		n.a.
T 15	14 8	20 9	1n 7	20 11	2 8	0 51	0 13	25 44	2 59	15 41	1 4	21 16	1 9	21 47	0 1	12 8	1 22	30 23	7 17	23 3	23 11	22 17		n.a.
W16	13 49	15 53	2 17	19 41	2 8	1 23	0 17	25 45	2 57	15 36	1 4	21 17	1 9	21 47	0 1	12 8	1 22	30 23	7 17	23 3	23 11	22 18		n.a.
T 17	13 29	10 53	3 18	19 10	2 7	1 54	0 21	25 45	2 56	15 32	1 4	21 17	1 9	21 48	0 1	12 7	1 22	30 23	7 17	23 4	23 12	22 20		n.a.
F 18	13 9	5 28	4 8	18 37	2 6	2 26	0 25	25 46	2 55	15 27	1 4	21 18	1 10	21 48	0 1	12 6	1 22	30 23	7 17	23 4	23 12	22 21		n.a.
S 19	12 48	0n 3	4 43	18 3	2 4	2 58	0 28	25 46	2 54	15 22	1 4	21 18	1 10	21 48	0 1	12 5	1 22	30 23	7 17	23 5	23 12	22 22		n.a.
S 20	12 28	5 27	5 3	17 26	2 2	3 29	0 32	25 47	2 53	15 18	1 4	21 19	1 10	21 48	0 1	12 4	1 22	30 24	7 17	23 6	23 12	22 23		n.a.
M21	12 7	10 31	5 8	16 48	2 0	4 1	0 36	25 48	2 51	15 13	1 4	21 19	1 10	21 49	0 1	12 3	1 22	30 24	7 17	23 7	23 13	22 24		n.a.
T 22	11 46	15 4	4 59	16 8	1 56	4 32	0 40	25 48	2 50	15 8	1 4	21 19	1 10	21 49	0 1	12 3	1 22	30 24	7 17	23 7	23 13	22 26		n.a.
W23	11 25	18 57	4 37	15 26	1 53	5 3	0 44	25 49	2 49	15 3	1 4	21 20	1 10	21 49	0 1	12 2	1 22	30 24	7 17	23 8	23 13	22 27		n.a.
T 24	11 3	22 1	4 3	14 42	1 48	5 34	0 48	25 50	2 48	14 59	1 4	21 20	1 10	21 49	0 1	12 1	1 22	30 24	7 17	23 8	23 14	22 28		n.a.
F 25	10 42	24 9	3 19	13 57	1 43	6 5	0 52	25 50	2 47	14 54	1 4	21 20	1 10	21 49	0 1	12 0	1 22	30 24	7 17	23 8	23 14	22 29		n.a.
S 26	10 20	25 13	2 26	13 10	1 38	6 36	0 56	25 51	2 45	14 49	1 5	21 21	1 10	21 50	0 1	11 59	1 22	30 24	7 17	23 8	23 14	22 30		n.a.
S 27	9 59	25 7	1 26	12 22	1 32	7 7	1 0	25 52	2 44	14 45	1 5	21 21	1 10	21 50	0 1	11 58	1 22	30 24	7 16	23 8	23 14	22 31		n.a.
M28	9s37	23n48	0n21	11s31	1s25	7n37	1n 4	25n52	2n43	14s40	1s 5	21s21	1n10	21s50	0s 1	11s58	1s22	30n24	7n16	23s 8	23s15	22n33		n.a.

Julian Day Number = 1619184.5, Delta T = 03h48m34s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'07, Lahiri = - 7°49'07 Julian Calendar 1 Feb. 280 BCE == Greg. Calendar 28 Jan. 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

MARCH 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 17 47	6♓27'55	21♋ 2	5♓55	17♈51	18♊ 8	24♒20	12♐ 6	7♐25	2♓36	12°R17	12°R32	11♑14	23♉31	n.a.	T 1
W 2	10 21 44	7°26'58	3♌51	7°57	18°59	18°27	24°35	12° 8	7°25	2°38	12♋17	12♑30	11°11	23°38	n.a.	W 2
T 3	10 25 40	8°25'58	17° 3	10° 1	20° 8	18°48	24°49	12°11	7°26	2°41	12°16	12°25	11° 7	23°45	n.a.	T 3
F 4	10 29 37	9°24'57	0♍37	12° 4	21°16	19° 8	25° 3	12°13	7°27	2°43	12°15	12°19	11° 4	23°51	n.a.	F 4
S 5	10 33 33	10°23'53	14°32	14° 9	22°24	19°29	25°17	12°15	7°27	2°45	12°15	12°10	11° 1	23°58	n.a.	S 5
S 6	10 37 30	11°22'46	28°44	16°13	23°32	19°50	25°32	12°17	7°28	2°47	12°14	12° 0	10°58	24° 5	n.a.	S 6
M 7	10 41 26	12°21'38	13♎ 7	18°18	24°39	20°12	25°46	12°19	7°29	2°50	12°13	11°51	10°55	24°11	n.a.	M 7
T 8	10 45 23	13°20'28	27°35	20°22	25°47	20°33	26° 0	12°21	7°29	2°52	12°13	11°43	10°51	24°18	n.a.	T 8
W 9	10 49 19	14°19'16	12♏ 2	22°26	26°54	20°55	26°14	12°23	7°29	2°54	12°12	11°37	10°48	24°25	n.a.	W 9
T 10	10 53 16	15°18'02	26°24	24°29	28° 1	21°18	26°28	12°24	7°30	2°56	12°12	11°33	10°45	24°32	n.a.	T 10
F 11	10 57 13	16°16'47	10♐37	26°31	29° 8	21°40	26°42	12°26	7°30	2°59	12°11	11°D31	10°42	24°38	n.a.	F 11
S 12	11 1 9	17°15'29	24°39	28°31	0♑15	22° 3	26°56	12°27	7°30	3° 1	12°11	11°32	10°39	24°45	n.a.	S 12
S 13	11 5 6	18°14'10	8♑30	0♈30	1°22	22°27	27°10	12°29	7°31	3° 3	12°10	11°R32	10°36	24°52	n.a.	S 13
M14	11 9 2	19°12'50	22°11	2°26	2°28	22°50	27°24	12°30	7°31	3° 5	12°10	11°32	10°32	24°58	n.a.	M14
T 15	11 12 59	20°11'27	5♒40	4°20	3°34	23°14	27°38	12°31	7°31	3° 7	12° 9	11°29	10°29	25° 5	n.a.	T 15
W16	11 16 55	21°10'02	19° 0	6°11	4°40	23°38	27°52	12°32	7°31	3°10	12° 9	11°24	10°26	25°12	n.a.	W16
T 17	11 20 52	22° 8'36	2♓ 8	7°59	5°46	24° 3	28° 6	12°33	7°R31	3°12	12° 9	11°17	10°23	25°18	n.a.	T 17
F 18	11 24 48	23° 7'08	15° 5	9°43	6°51	24°27	28°19	12°34	7°31	3°14	12° 8	11° 6	10°20	25°25	n.a.	F 18
S 19	11 28 45	24° 5'37	27°49	11°23	7°57	24°52	28°33	12°35	7°31	3°16	12° 8	10°54	10°17	25°32	n.a.	S 19
S 20	11 32 42	25° 4'05	10♈21	13° 0	9° 2	25°17	28°47	12°36	7°31	3°18	12° 8	10°41	10°13	25°38	n.a.	S 20
M21	11 36 38	26° 2'30	22°40	14°33	10° 6	25°42	29° 0	12°36	7°30	3°20	12° 8	10°29	10°10	25°45	n.a.	M21
T 22	11 40 35	27° 0'54	4♉48	16° 1	11°11	26° 8	29°14	12°37	7°30	3°23	12° 7	10°18	10° 7	25°52	n.a.	T 22
W23	11 44 31	27°59'15	16°46	17°24	12°15	26°34	29°28	12°37	7°30	3°25	12° 7	10° 9	10° 4	25°58	n.a.	W23
T 24	11 48 28	28°57'35	28°38	18°44	13°19	27° 0	29°41	12°37	7°30	3°27	12° 7	10° 3	10° 1	26° 5	n.a.	T 24
F 25	11 52 24	29°55'52	10♊26	19°58	14°23	27°26	29°55	12°37	7°29	3°29	12° 7	9°59	9°57	26°12	n.a.	F 25
S 26	11 56 21	0♈54'07	22°17	21° 7	15°27	27°53	0♓ 8	12°38	7°29	3°31	12° 7	9°58	9°54	26°18	n.a.	S 26
S 27	12 0 17	1°52'20	4♋15	22°12	16°30	28°19	0°21	12°R38	7°28	3°33	12° 7	9°58	9°51	26°25	n.a.	S 27
M28	12 4 14	2°50'31	16°26	23°12	17°33	28°46	0°35	12°37	7°28	3°35	12° 7	9°58	9°48	26°32	n.a.	M28
T 29	12 8 10	3°48'40	28°55	24° 6	18°35	29°14	0°48	12°37	7°27	3°37	12°D 7	9°57	9°45	26°39	n.a.	T 29
W30	12 12 7	4°46'46	11♌46	24°55	19°38	29°41	1° 1	12°37	7°26	3°39	12° 7	9°54	9°42	26°45	n.a.	W30
T 31	12 16 4	5♈44'51	25♌ 3	25♈40	20♉40	0♋ 8	1♓14	12♐37	7♐26	3♓41	12♋ 7	9♑48	9♑38	26♉52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	9s15	21n19	0s45	10s40	1s18	8n 8	1n 8	25n53	2n42	14s35	1s 5	21s22	1n10	21s50	0s 1	11s57	1s22	30n24	7n16	23s 8	23s15	22n34			n.a.
W 2	8 53	17 43	1 52	9 47	1 11	8 38	1 12	25 54	2 41	14 30	1 5	21 22	1 10	21 50	0 1	11 56	1 22	30 23	7 16	23 8	23 15	22 35			n.a.
T 3	8 30	13 9	2 54	8 52	1 3	9 8	1 16	25 54	2 40	14 26	1 5	21 22	1 10	21 50	0 1	11 55	1 22	30 23	7 16	23 8	23 15	22 36			n.a.
F 4	8 8	7 50	3 48	7 57	0 54	9 37	1 20	25 55	2 39	14 21	1 5	21 22	1 10	21 50	0 1	11 54	1 22	30 23	7 16	23 9	23 16	22 37			n.a.
S 5	7 46	2 1	4 30	7 0	0 45	10 7	1 24	25 55	2 37	14 16	1 5	21 23	1 10	21 51	0 1	11 54	1 22	30 23	7 16	23 10	23 16	22 38			n.a.
S 6	7 23	4s 0	4 56	6 2	0 35	10 36	1 28	25 56	2 36	14 11	1 5	21 23	1 10	21 51	0 1	11 53	1 22	30 23	7 16	23 11	23 16	22 40			n.a.
M 7	7 0	9 54	5 4	5 4	0 25	11 5	1 32	25 57	2 35	14 7	1 5	21 23	1 10	21 51	0 1	11 52	1 22	30 23	7 16	23 12	23 17	22 41			n.a.
T 8	6 37	15 17	4 53	4 5	0 14	11 34	1 36	25 57	2 34	14 2	1 5	21 23	1 10	21 51	0 1	11 51	1 22	30 23	7 16	23 12	23 17	22 42			n.a.
W 9	6 15	19 47	4 23	3 5	0 4	12 2	1 39	25 58	2 33	13 57	1 5	21 23	1 10	21 51	0 1	11 50	1 22	30 23	7 16	23 13	23 17	22 43			n.a.
T 10	5 52	23 5	3 36	2 6	0n 8	12 30	1 43	25 58	2 32	13 52	1 6	21 24	1 10	21 51	0 1	11 50	1 22	30 23	7 15	23 13	23 17	22 44			n.a.
F 11	5 29	24 54	2 37	1 7	0 19	12 58	1 47	25 58	2 31	13 47	1 6	21 24	1 10	21 51	0 2	11 49	1 22	30 23	7 15	23 13	23 18	22 45			n.a.
S 12	5 6	25 6	1 29	0 8	0 30	13 26	1 51	25 59	2 30	13 43	1 6	21 24	1 10	21 51	0 2	11 48	1 22	30 23	7 15	23 13	23 18	22 46			n.a.
S 13	4 42	23 43	0 16	0n50	0 42	13 53	1 55	25 59	2 29	13 38	1 6	21 24	1 10	21 51	0 2	11 47	1 22	30 23	7 15	23 13	23 18	22 47			n.a.
M14	4 19	20 57	0n56	1 48	0 53	14 20	1 59	25 59	2 28	13 33	1 6	21 24	1 11	21 51	0 2	11 46	1 22	30 23	7 15	23 13	23 18	22 48			n.a.
T 15	3 56	17 4	2 5	2 44	1 5	14 47	2 3	26 0	2 27	13 28	1 6	21 24	1 11	21 51	0 2	11 46	1 22	30 23	7 15	23 14	23 19	22 49			n.a.
W16	3 33	12 23	3 5	3 39	1 16	15 13	2 6	26 0	2 26	13 24	1 6	21 24	1 11	21 51	0 2	11 45	1 22	30 23	7 15	23 14	23 19	22 50			n.a.
T 17	3 9	7 12	3 55	4 32	1 27	15 39	2 10	26 0	2 25	13 19	1 6	21 24	1 11	21 51	0 2	11 44	1 22	30 23	7 15	23 15	23 19	22 51			n.a.
F 18	2 46	1 47	4 31	5 23	1 38	16 4	2 14	26 0	2 23	13 14	1 6	21 25	1 11	21 51	0 2	11 43	1 22	30 23	7 14	23 16	23 19	22 53			n.a.
S 19	2 22	3n36	4 53	6 13	1 48	16 29	2 18	26 0	2 22	13 10	1 7	21 25	1 11	21 51	0 2	11 42	1 23	30 23	7 14	23 17	23 20	22 54			n.a.
S 20	1 59	8 45	5 1	7 0	1 58	16 54	2 21	26 0	2 21	13 5	1 7	21 25	1 11	21 51	0 2	11 42	1 23	30 22	7 14	23 18	23 20	22 55			n.a.
M21	1 35	13 28	4 54	7 45	2 7	17 19	2 25	26 0	2 20	13 0	1 7	21 25	1 11	21 51	0 2	11 41	1 23	30 22	7 14	23 19	23 20	22 56			n.a.
T 22	1 12	17 34	4 34	8 27	2 16	17 43	2 28	26 0	2 19	12 55	1 7	21 25	1 11	21 51	0 2	11 40	1 23	30 22	7 14	23 19	23 20	22 57			n.a.
W23	0 49	20 55	4 3	9 7	2 23	18 6	2 32	25 59	2 18	12 51	1 7	21 25	1 11	21 51	0 2	11 39	1 23	30 22	7 14	23 20	23 21	22 58			n.a.
T 24	0 25	23 21	3 20	9 44	2 31	18 29	2 35	25 59	2 17	12 46	1 7	21 25	1 11	21 51	0 2	11 39	1 23	30 22	7 14	23 21	23 21	22 59			n.a.
F 25	0 2	24 45	2 30	10 19	2 37	18 52	2 38	25 59	2 16	12 41	1 7	21 25	1 11	21 51	0 2	11 38	1 23	30 22	7 14	23 21	23 21	23 0			n.a.
S 26	0n22	25 2	1 32	10 51	2 43	19 14	2 42	25 58	2 15	12 37	1 7	21 25	1 11	21 51	0 2	11 37	1 23	30 22	7 14	23 21	23 21	23 1			n.a.
S 27	0 45	24 10	0 30	11 20	2 47	19 36	2 45	25 58	2 14	12 32	1 8	21 25	1 11	21 51	0 2	11 37	1 23	30 22	7 13	23 21	23 22	23 2			n.a.
M28	1 9	22 8	0s34	11 46	2 51	19 57	2 48	25 57	2 13	12 27	1 8	21 25	1 11	21 51	0 2	11 36	1 23	30 22	7 13	23 21	23 22	23 3			n.a.
T 29	1 32	19 1	1 39	12 9	2 54	20 18	2 51	25 56	2 13	12 23	1 8	21 25	1 11	21 51	0 2	11 35	1 23	30 21	7 13	23 21	23 22	23 4			n.a.
W30	1 55	14 55	2 40	12 29	2 56	20 39	2 54	25 55	2 12	12 18	1 8	21 24	1 11	21 51	0 2	11 34	1 23	30 21	7 13	23 21	23 22	23 5			n.a.
T 31	2n19	9n58	3s34	12n46	2n56	20n59	2n57	25n54	2n11	12s13	1s 8	21s24	1n11	21s51	0s 2	11s34	1s23	30n21	7n13	23s22	23s22	23n 6			n.a.

Julian Day Number = 1619212.5, Delta T = 03h48m33s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°56'04, Lahiri = - 7°49'03 Julian Calendar 1 March 280 BCE == Greg. Calendar 25 Feb. 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

APRIL 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 20 0	6♈42'53	8♍48	26♈18	21♉41	0♋36	1♓27	12°R36	7°R25	3♓43	12♋ 7	9°R40	9♑35	26♉59	n.a.	F 1
S 2	12 23 57	7°40'54	22°58	26°52	22°43	1° 4	1°40	12♐36	7♐24	3°45	12° 7	9♑30	9°32	27° 5	n.a.	S 2
S 3	12 27 53	8°38'53	7♎31	27°20	23°44	1°32	1°53	12°35	7°23	3°47	12° 7	9°19	9°29	27°12	n.a.	S 3
M 4	12 31 50	9°36'50	22°18	27°43	24°44	2° 0	2° 6	12°34	7°22	3°49	12° 7	9° 8	9°26	27°19	n.a.	M 4
T 5	12 35 46	10°34'45	7♏12	28° 0	25°44	2°29	2°19	12°33	7°21	3°51	12° 7	8°58	9°22	27°25	n.a.	T 5
W 6	12 39 43	11°32'39	22° 3	28°12	26°44	2°57	2°32	12°32	7°21	3°53	12° 8	8°50	9°19	27°32	n.a.	W 6
T 7	12 43 39	12°30'32	6♐44	28°19	27°44	3°26	2°45	12°31	7°19	3°55	12° 8	8°45	9°16	27°39	n.a.	T 7
F 8	12 47 36	13°28'23	21°10	28°R21	28°43	3°55	2°57	12°30	7°18	3°56	12° 8	8°43	9°13	27°45	n.a.	F 8
S 9	12 51 33	14°26'13	5♑18	28°18	29°41	4°24	3°10	12°29	7°17	3°58	12° 8	8°42	9°10	27°52	n.a.	S 9
S 10	12 55 29	15°24'02	19° 8	28°10	0♊40	4°53	3°22	12°28	7°16	4° 0	12° 9	8°42	9° 7	27°59	n.a.	S 10
M11	12 59 26	16°21'49	2♒40	27°57	1°38	5°23	3°35	12°26	7°15	4° 2	12° 9	8°41	9° 3	28° 5	n.a.	M11
T 12	13 3 22	17°19'35	15°56	27°41	2°35	5°52	3°47	12°25	7°14	4° 4	12° 9	8°39	9° 0	28°12	n.a.	T 12
W13	13 7 19	18°17'20	28°57	27°20	3°32	6°22	3°59	12°23	7°12	4° 5	12°10	8°34	8°57	28°19	n.a.	W13
T 14	13 11 15	19°15'04	11♓46	26°55	4°28	6°52	4°12	12°21	7°11	4° 7	12°10	8°26	8°54	28°25	n.a.	T 14
F 15	13 15 12	20°12'46	24°24	26°28	5°24	7°22	4°24	12°20	7°10	4° 9	12°11	8°15	8°51	28°32	n.a.	F 15
S 16	13 19 8	21°10'27	6♈52	25°58	6°20	7°52	4°36	12°18	7° 8	4°11	12°11	8° 3	8°48	28°39	n.a.	S 16
S 17	13 23 5	22° 8'06	19° 9	25°26	7°14	8°22	4°48	12°16	7° 7	4°12	12°12	7°50	8°44	28°45	n.a.	S 17
M18	13 27 2	23° 5'44	1♉17	24°52	8° 9	8°53	5° 0	12°14	7° 5	4°14	12°12	7°37	8°41	28°52	n.a.	M18
T 19	13 30 58	24° 3'21	13°17	24°18	9° 3	9°23	5°11	12°12	7° 4	4°16	12°13	7°26	8°38	28°59	n.a.	T 19
W20	13 34 55	25° 0'56	25°10	23°43	9°56	9°54	5°23	12° 9	7° 2	4°17	12°13	7°17	8°35	29° 5	n.a.	W20
T 21	13 38 51	25°58'30	6♊59	23° 9	10°48	10°25	5°35	12° 7	7° 1	4°19	12°14	7°10	8°32	29°12	n.a.	T 21
F 22	13 42 48	26°56'03	18°47	22°35	11°40	10°56	5°46	12° 5	6°59	4°20	12°14	7° 6	8°28	29°19	n.a.	F 22
S 23	13 46 44	27°53'34	0♋37	22° 3	12°32	11°27	5°58	12° 2	6°57	4°22	12°15	7° 5	8°25	29°25	n.a.	S 23
S 24	13 50 41	28°51'04	12°34	21°33	13°22	11°59	6° 9	12° 0	6°56	4°23	12°16	7°D 5	8°22	29°32	n.a.	S 24
M25	13 54 37	29°48'32	24°43	21° 5	14°12	12°30	6°20	11°57	6°54	4°25	12°16	7°R 5	8°19	29°39	n.a.	M25
T 26	13 58 34	0♉45'59	7♌10	20°40	15° 1	13° 1	6°32	11°54	6°52	4°26	12°17	7° 5	8°16	29°46	n.a.	T 26
W27	14 2 31	1°43'24	19°59	20°19	15°50	13°33	6°43	11°52	6°50	4°28	12°18	7° 4	8°13	29°52	n.a.	W27
T 28	14 6 27	2°40'48	3♍14	20° 1	16°37	14° 5	6°54	11°49	6°48	4°29	12°19	7° 0	8° 9	29°59	n.a.	T 28
F 29	14 10 24	3°38'10	16°59	19°47	17°24	14°37	7° 5	11°46	6°47	4°30	12°20	6°54	8° 6	0♊ 6	n.a.	F 29
S 30	14 14 20	4♉35'32	1♎12	19♈38	18♊10	15♋ 9	7♓15	11♐43	6♐45	4♓32	12♋20	6♑46	8♑ 3	0♊12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n42	4n23	4s18	13n 0	2n56	21n18	3n 0	25n53	2n10	12s 9	1s 8	21s24	1n11	21s50	0s 2	11s33	1s23	30n21	7n13	23s22	23s23	23n 7		n.a.
S 2	3 5	1s35	4 48	13 11	2 55	21 37	3 3	25 52	2 9	12 4	1 8	21 24	1 11	21 50	0 2	11 32	1 23	30 21	7 13	23 23	23 23	23 8		n.a.
S 3	3 28	7 36	5 0	13 19	2 52	21 55	3 6	25 51	2 8	12 0	1 9	21 24	1 11	21 50	0 2	11 32	1 23	30 21	7 13	23 24	23 23	23 8		n.a.
M 4	3 51	13 18	4 53	13 24	2 48	22 13	3 8	25 50	2 7	11 55	1 9	21 24	1 11	21 50	0 2	11 31	1 23	30 21	7 12	23 25	23 23	23 9		n.a.
T 5	4 14	18 15	4 25	13 26	2 44	22 31	3 11	25 48	2 6	11 51	1 9	21 24	1 11	21 50	0 2	11 30	1 23	30 20	7 12	23 25	23 24	23 10		n.a.
W 6	4 37	22 2	3 40	13 25	2 37	22 47	3 13	25 47	2 5	11 46	1 9	21 24	1 11	21 50	0 2	11 30	1 23	30 20	7 12	23 26	23 24	23 11		n.a.
T 7	5 0	24 20	2 40	13 20	2 30	23 4	3 15	25 45	2 4	11 42	1 9	21 23	1 11	21 50	0 2	11 29	1 23	30 20	7 12	23 26	23 24	23 12		n.a.
F 8	5 23	24 57	1 31	13 13	2 22	23 19	3 18	25 43	2 3	11 37	1 9	21 23	1 12	21 49	0 2	11 28	1 23	30 20	7 12	23 26	23 24	23 13		n.a.
S 9	5 45	23 55	0 18	13 3	2 12	23 35	3 20	25 42	2 2	11 33	1 10	21 23	1 12	21 49	0 2	11 28	1 23	30 20	7 12	23 26	23 25	23 14		n.a.
S 10	6 8	21 26	0n55	12 50	2 1	23 49	3 22	25 40	2 1	11 28	1 10	21 23	1 12	21 49	0 2	11 27	1 23	30 20	7 12	23 26	23 25	23 15		n.a.
M11	6 31	17 48	2 3	12 34	1 49	24 3	3 24	25 38	2 0	11 24	1 10	21 23	1 12	21 49	0 2	11 26	1 23	30 20	7 12	23 26	23 25	23 16		n.a.
T 12	6 53	13 20	3 3	12 16	1 37	24 17	3 25	25 35	2 0	11 20	1 10	21 22	1 12	21 49	0 2	11 26	1 23	30 19	7 11	23 27	23 25	23 17		n.a.
W13	7 15	8 21	3 53	11 56	1 23	24 30	3 27	25 33	1 59	11 15	1 10	21 22	1 12	21 48	0 2	11 25	1 23	30 19	7 11	23 27	23 25	23 18		n.a.
T 14	7 37	3 5	4 29	11 33	1 8	24 42	3 28	25 31	1 58	11 11	1 10	21 22	1 12	21 48	0 2	11 24	1 23	30 19	7 11	23 27	23 26	23 18		n.a.
F 15	8 0	2n13	4 52	11 9	0 52	24 54	3 30	25 28	1 57	11 7	1 11	21 22	1 12	21 48	0 2	11 24	1 23	30 19	7 11	23 28	23 26	23 19		n.a.
S 16	8 21	7 21	5 1	10 43	0 36	25 5	3 31	25 25	1 56	11 2	1 11	21 21	1 12	21 48	0 2	11 23	1 23	30 19	7 11	23 29	23 26	23 20		n.a.
S 17	8 43	12 7	4 55	10 15	0 20	25 16	3 32	25 23	1 55	10 58	1 11	21 21	1 12	21 48	0 2	11 23	1 23	30 19	7 11	23 30	23 26	23 21		n.a.
M18	9 5	16 22	4 36	9 47	0 3	25 26	3 33	25 20	1 54	10 54	1 11	21 21	1 12	21 47	0 2	11 22	1 24	30 18	7 11	23 30	23 26	23 22		n.a.
T 19	9 26	19 54	4 5	9 18	0s14	25 36	3 34	25 17	1 53	10 50	1 11	21 21	1 12	21 47	0 2	11 22	1 24	30 18	7 11	23 31	23 27	23 23		n.a.
W20	9 48	22 34	3 23	8 50	0 32	25 45	3 34	25 14	1 53	10 45	1 12	21 20	1 12	21 47	0 2	11 21	1 24	30 18	7 10	23 32	23 27	23 24		n.a.
T 21	10 9	24 15	2 33	8 21	0 49	25 53	3 35	25 10	1 52	10 41	1 12	21 20	1 12	21 47	0 2	11 21	1 24	30 18	7 10	23 32	23 27	23 24		n.a.
F 22	10 30	24 50	1 36	7 53	1 6	26 1	3 35	25 7	1 51	10 37	1 12	21 20	1 12	21 46	0 2	11 20	1 24	30 18	7 10	23 32	23 27	23 25		n.a.
S 23	10 51	24 18	0 34	7 25	1 22	26 8	3 35	25 3	1 50	10 33	1 12	21 19	1 12	21 46	0 2	11 19	1 24	30 18	7 10	23 32	23 28	23 26		n.a.
S 24	11 12	22 39	0s29	6 59	1 38	26 15	3 35	25 0	1 49	10 29	1 12	21 19	1 12	21 46	0 2	11 19	1 24	30 17	7 10	23 32	23 28	23 27		n.a.
M25	11 32	19 55	1 33	6 35	1 53	26 21	3 35	24 56	1 48	10 25	1 13	21 19	1 12	21 45	0 2	11 18	1 24	30 17	7 10	23 32	23 28	23 28		n.a.
T 26	11 53	16 14	2 33	6 12	2 7	26 26	3 35	24 52	1 48	10 21	1 13	21 18	1 12	21 45	0 2	11 18	1 24	30 17	7 10	23 32	23 28	23 29		n.a.
W27	12 13	11 43	3 28	5 52	2 21	26 31	3 34	24 48	1 47	10 17	1 13	21 18	1 12	21 45	0 2	11 17	1 24	30 17	7 10	23 32	23 28	23 29		n.a.
T 28	12 33	6 30	4 14	5 34	2 33	26 35	3 34	24 44	1 46	10 13	1 13	21 17	1 12	21 45	0 2	11 17	1 24	30 17	7 9	23 33	23 29	23 30		n.a.
F 29	12 53	0 49	4 46	5 18	2 45	26 39	3 33	24 39	1 45	10 9	1 13	21 17	1 12	21 44	0 2	11 17	1 24	30 16	7 9	23 33	23 29	23 31		n.a.
S 30	13n12	5s 6	5s 3	5n 4	2s55	26n42	3n31	24n35	1n44	10s 5	1s14	21s17	1n12	21s44	0s 2	11s16	1s24	30n16	7n 9	23s33	23s29	23n32		n.a.

Julian Day Number = 1619243.5, Delta T = 03h48m32s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'59, Lahiri = - 7°48'59 Julian Calendar 1 Apr. 280 BCE == Greg. Calendar 28 March 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

MAY 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 18 17	5♉32'52	15♎52	19°R32	18♊55	15♋41	7♓26	11°R40	6°R43	4♓33	12♋21	6°R38	8♑ 0	0♊19	n.a.	S 1
M 2	14 22 13	6°30'11	0♏51	19°D31	19°39	16°13	7°37	11♐37	6♐41	4°34	12°22	6♑29	7°57	0°26	n.a.	M 2
T 3	14 26 10	7°27'29	16° 0	19♈34	20°22	16°45	7°47	11°34	6°39	4°36	12°23	6°21	7°53	0°32	n.a.	T 3
W 4	14 30 6	8°24'46	1♐10	19°42	21° 5	17°18	7°58	11°30	6°37	4°37	12°24	6°15	7°50	0°39	n.a.	W 4
T 5	14 34 3	9°22'02	16°10	19°55	21°46	17°50	8° 8	11°27	6°35	4°38	12°25	6°11	7°47	0°46	n.a.	T 5
F 6	14 38 0	10°19'18	0♑53	20°11	22°26	18°23	8°18	11°24	6°33	4°39	12°26	6°D 9	7°44	0°52	n.a.	F 6
S 7	14 41 56	11°16'34	15°14	20°33	23° 5	18°56	8°28	11°20	6°31	4°40	12°27	6° 9	7°41	0°59	n.a.	S 7
S 8	14 45 53	12°13'48	29°11	20°58	23°43	19°29	8°38	11°17	6°28	4°42	12°28	6°10	7°38	1° 6	n.a.	S 8
M 9	14 49 49	13°11'03	12♒46	21°28	24°19	20° 2	8°48	11°13	6°26	4°43	12°29	6°R11	7°34	1°12	n.a.	M 9
T 10	14 53 46	14° 8'16	25°58	22° 3	24°55	20°35	8°58	11° 9	6°24	4°44	12°30	6°10	7°31	1°19	n.a.	T 10
W11	14 57 42	15° 5'30	8♓52	22°41	25°29	21° 8	9° 7	11° 6	6°22	4°45	12°31	6° 8	7°28	1°26	n.a.	W11
T 12	15 1 39	16° 2'43	21°30	23°24	26° 2	21°41	9°17	11° 2	6°20	4°46	12°32	6° 3	7°25	1°32	n.a.	T 12
F 13	15 5 35	16°59'55	3♈55	24°10	26°34	22°15	9°26	10°58	6°17	4°47	12°33	5°56	7°22	1°39	n.a.	F 13
S 14	15 9 32	17°57'07	16° 9	25° 0	27° 4	22°48	9°36	10°54	6°15	4°48	12°34	5°48	7°19	1°46	n.a.	S 14
S 15	15 13 29	18°54'19	28°14	25°55	27°32	23°22	9°45	10°51	6°13	4°49	12°36	5°39	7°15	1°52	n.a.	S 15
M16	15 17 25	19°51'30	10♉13	26°53	27°59	23°55	9°54	10°47	6°11	4°50	12°37	5°31	7°12	1°59	n.a.	M16
T 17	15 21 22	20°48'41	22° 6	27°54	28°25	24°29	10° 3	10°43	6° 8	4°50	12°38	5°23	7° 9	2° 6	n.a.	T 17
W18	15 25 18	21°45'51	3♊55	29° 0	28°49	25° 3	10°11	10°39	6° 6	4°51	12°39	5°18	7° 6	2°12	n.a.	W18
T 19	15 29 15	22°43'01	15°43	0♉ 8	29°11	25°37	10°20	10°35	6° 4	4°52	12°40	5°14	7° 3	2°19	n.a.	T 19
F 20	15 33 11	23°40'10	27°31	1°21	29°31	26°11	10°28	10°31	6° 1	4°53	12°42	5°12	6°59	2°26	n.a.	F 20
S 21	15 37 8	24°37'19	9♋24	2°37	29°50	26°45	10°37	10°26	5°59	4°54	12°43	5°D11	6°56	2°32	n.a.	S 21
S 22	15 41 4	25°34'28	21°23	3°56	0♋ 7	27°19	10°45	10°22	5°57	4°54	12°44	5°12	6°53	2°39	n.a.	S 22
M23	15 45 1	26°31'35	3♌34	5°18	0°22	27°54	10°53	10°18	5°54	4°55	12°46	5°14	6°50	2°46	n.a.	M23
T 24	15 48 58	27°28'43	16° 1	6°44	0°34	28°28	11° 1	10°14	5°52	4°56	12°47	5°15	6°47	2°52	n.a.	T 24
W25	15 52 54	28°25'49	28°48	8°14	0°45	29° 3	11° 9	10°10	5°49	4°56	12°48	5°R16	6°44	2°59	n.a.	W25
T 26	15 56 51	29°22'55	12♍ 0	9°46	0°54	29°37	11°17	10° 5	5°47	4°57	12°50	5°15	6°40	3° 6	n.a.	T 26
F 27	16 0 47	0♊20'01	25°38	11°22	1° 0	0♌12	11°24	10° 1	5°45	4°57	12°51	5°13	6°37	3°12	n.a.	F 27
S 28	16 4 44	1°17'06	9♎45	13° 1	1° 4	0°47	11°32	9°57	5°42	4°58	12°53	5° 9	6°34	3°19	n.a.	S 28
S 29	16 8 40	2°14'11	24°18	14°43	1°R 6	1°22	11°39	9°52	5°40	4°58	12°54	5° 5	6°31	3°26	n.a.	S 29
M30	16 12 37	3°11'16	9♏14	16°28	1° 5	1°57	11°46	9°48	5°37	4°59	12°55	5° 1	6°28	3°32	n.a.	M30
T 31	16 16 34	4♊ 8'21	24♏24	18♉16	1♋ 3	2♌32	11♓53	9♐44	5♐35	4♓59	12♋57	4♑57	6♑25	3♊39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n32	10s55	5s 0	4n54	3s 4	26n45	3n30	24n30	1n43	10s 1	1s14	21s16	1n12	21s44	0s 2	11s16	1s24	30n16	7n 9	23s34	23s29	23n32		n.a.
M 2	13 51	16 14	4 38	4 46	3 12	26 47	3 29	24 26	1 43	9 58	1 14	21 16	1 12	21 43	0 2	11 15	1 24	30 16	7 9	23 34	23 29	23 33		n.a.
T 3	14 10	20 34	3 55	4 40	3 20	26 49	3 27	24 21	1 42	9 54	1 14	21 15	1 12	21 43	0 2	11 15	1 24	30 16	7 9	23 35	23 29	23 34		n.a.
W 4	14 29	23 30	2 56	4 38	3 26	26 50	3 25	24 16	1 41	9 50	1 14	21 15	1 12	21 43	0 2	11 14	1 24	30 15	7 9	23 35	23 30	23 35		n.a.
T 5	14 47	24 45	1 45	4 38	3 31	26 50	3 22	24 11	1 40	9 46	1 15	21 14	1 12	21 42	0 2	11 14	1 24	30 15	7 9	23 35	23 30	23 35		n.a.
F 6	15 6	24 12	0 28	4 41	3 34	26 50	3 20	24 6	1 39	9 43	1 15	21 14	1 12	21 42	0 2	11 14	1 24	30 15	7 9	23 35	23 30	23 36		n.a.
S 7	15 24	22 3	0n49	4 46	3 37	26 50	3 17	24 0	1 39	9 39	1 15	21 14	1 12	21 42	0 2	11 13	1 24	30 15	7 9	23 35	23 30	23 37		n.a.
S 8	15 42	18 36	2 1	4 54	3 39	26 48	3 14	23 55	1 38	9 36	1 15	21 13	1 12	21 41	0 2	11 13	1 24	30 15	7 8	23 35	23 30	23 38		n.a.
M 9	15 59	14 15	3 4	5 5	3 40	26 47	3 11	23 49	1 37	9 32	1 16	21 13	1 12	21 41	0 2	11 12	1 25	30 14	7 8	23 35	23 31	23 38		n.a.
T 10	16 16	9 20	3 55	5 18	3 40	26 45	3 7	23 43	1 36	9 29	1 16	21 12	1 12	21 41	0 2	11 12	1 25	30 14	7 8	23 35	23 31	23 39		n.a.
W11	16 34	4 7	4 33	5 33	3 39	26 42	3 3	23 37	1 35	9 25	1 16	21 12	1 12	21 40	0 2	11 12	1 25	30 14	7 8	23 35	23 31	23 40		n.a.
T 12	16 50	1n 8	4 57	5 50	3 37	26 39	2 59	23 31	1 35	9 22	1 16	21 11	1 12	21 40	0 2	11 11	1 25	30 14	7 8	23 35	23 31	23 40		n.a.
F 13	17 7	6 15	5 7	6 10	3 34	26 36	2 55	23 25	1 34	9 18	1 17	21 11	1 12	21 39	0 2	11 11	1 25	30 14	7 8	23 36	23 31	23 41		n.a.
S 14	17 23	11 4	5 2	6 32	3 31	26 32	2 50	23 18	1 33	9 15	1 17	21 10	1 12	21 39	0 2	11 11	1 25	30 13	7 8	23 36	23 32	23 42		n.a.
S 15	17 39	15 23	4 44	6 56	3 26	26 27	2 45	23 12	1 32	9 12	1 17	21 10	1 12	21 39	0 2	11 11	1 25	30 13	7 8	23 36	23 32	23 42		n.a.
M16	17 55	19 3	4 13	7 21	3 21	26 22	2 39	23 5	1 32	9 9	1 17	21 9	1 12	21 38	0 2	11 10	1 25	30 13	7 8	23 37	23 32	23 43		n.a.
T 17	18 10	21 55	3 32	7 49	3 15	26 17	2 34	22 58	1 31	9 5	1 18	21 9	1 12	21 38	0 2	11 10	1 25	30 13	7 8	23 37	23 32	23 44		n.a.
W18	18 26	23 50	2 41	8 18	3 9	26 11	2 28	22 51	1 30	9 2	1 18	21 8	1 12	21 37	0 2	11 10	1 25	30 13	7 8	23 37	23 32	23 44		n.a.
T 19	18 40	24 40	1 44	8 49	3 2	26 5	2 21	22 44	1 29	8 59	1 18	21 7	1 12	21 37	0 2	11 9	1 25	30 12	7 7	23 37	23 32	23 45		n.a.
F 20	18 55	24 24	0 42	9 22	2 54	25 58	2 14	22 37	1 29	8 56	1 18	21 7	1 11	21 37	0 2	11 9	1 25	30 12	7 7	23 38	23 33	23 46		n.a.
S 21	19 9	23 1	0s23	9 56	2 46	25 51	2 7	22 30	1 28	8 53	1 19	21 6	1 11	21 36	0 2	11 9	1 25	30 12	7 7	23 38	23 33	23 46		n.a.
S 22	19 23	20 34	1 27	10 31	2 38	25 43	2 0	22 22	1 27	8 50	1 19	21 6	1 11	21 36	0 2	11 9	1 25	30 12	7 7	23 38	23 33	23 47		n.a.
M23	19 37	17 11	2 28	11 7	2 28	25 35	1 52	22 14	1 26	8 47	1 19	21 5	1 11	21 35	0 2	11 9	1 25	30 12	7 7	23 37	23 33	23 48		n.a.
T 24	19 50	12 59	3 24	11 45	2 19	25 27	1 43	22 7	1 26	8 45	1 19	21 5	1 11	21 35	0 2	11 8	1 25	30 11	7 7	23 37	23 33	23 48		n.a.
W25	20 3	8 6	4 11	12 24	2 9	25 18	1 35	21 59	1 25	8 42	1 20	21 4	1 11	21 35	0 2	11 8	1 25	30 11	7 7	23 37	23 33	23 49		n.a.
T 26	20 16	2 44	4 47	13 3	1 58	25 9	1 26	21 51	1 24	8 39	1 20	21 4	1 11	21 34	0 2	11 8	1 25	30 11	7 7	23 37	23 34	23 50		n.a.
F 27	20 28	2s57	5 8	13 43	1 47	25 0	1 16	21 42	1 23	8 36	1 20	21 3	1 11	21 34	0 2	11 8	1 26	30 11	7 7	23 38	23 34	23 50		n.a.
S 28	20 40	8 40	5 11	14 24	1 36	24 50	1 6	21 34	1 23	8 34	1 21	21 2	1 11	21 33	0 2	11 8	1 26	30 11	7 7	23 38	23 34	23 51		n.a.
S 29	20 52	14 5	4 55	15 6	1 25	24 39	0 56	21 26	1 22	8 31	1 21	21 2	1 11	21 33	0 2	11 8	1 26	30 10	7 7	23 38	23 34	23 51		n.a.
M30	21 3	18 49	4 19	15 48	1 13	24 29	0 45	21 17	1 21	8 29	1 21	21 1	1 11	21 32	0 2	11 8	1 26	30 10	7 7	23 38	23 34	23 52		n.a.
T 31	21n14	22s23	3s24	16n29	1s 2	24n18	0n34	21n 8	1n20	8s26	1s21	21s 1	1n11	21s32	0s 2	11s 7	1s26	30n10	7n 7	23s38	23s34	23n52		n.a.

Julian Day Number = 1619273.5, Delta T = 03h48m31s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'55, Lahiri = - 7°48'55 Julian Calendar 1 May 280 BCE == Greg. Calendar 27 Apr. 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

JUNE 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 20 30	5♊ 5'25	9♐38	20♉ 7	0°R57	3♌ 7	12♓ 0	9°R39	5°R32	5♓ 0	12♋58	4°R54	6♑21	3♊46	n.a.	W 1
T 2	16 24 27	6° 2'30	24°48	22° 1	0♋50	3°42	12° 6	9♐35	5♐30	5° 0	13° 0	4♑52	6°18	3°52	n.a.	T 2
F 3	16 28 23	6°59'35	9♑43	23°57	0°40	4°17	12°13	9°31	5°28	5° 0	13° 1	4°D52	6°15	3°59	n.a.	F 3
S 4	16 32 20	7°56'40	24°17	25°56	0°28	4°52	12°19	9°26	5°25	5° 1	13° 3	4°53	6°12	4° 6	n.a.	S 4
S 5	16 36 16	8°53'46	8♒26	27°57	0°13	5°28	12°25	9°22	5°23	5° 1	13° 4	4°54	6° 9	4°12	n.a.	S 5
M 6	16 40 13	9°50'51	22° 8	29°59	29♊56	6° 3	12°31	9°17	5°20	5° 1	13° 6	4°55	6° 5	4°19	n.a.	M 6
T 7	16 44 9	10°47'58	5♓25	2♊ 4	29°36	6°39	12°37	9°13	5°18	5° 1	13° 8	4°R56	6° 2	4°26	n.a.	T 7
W 8	16 48 6	11°45'05	18°19	4°10	29°15	7°15	12°43	9° 9	5°15	5° 1	13° 9	4°56	5°59	4°32	n.a.	W 8
T 9	16 52 3	12°42'12	0♈54	6°18	28°51	7°50	12°48	9° 4	5°13	5° 1	13°11	4°55	5°56	4°39	n.a.	T 9
F 10	16 55 59	13°39'20	13°13	8°26	28°26	8°26	12°54	9° 0	5°11	5° 2	13°12	4°53	5°53	4°46	n.a.	F 10
S 11	16 59 56	14°36'28	25°20	10°35	27°58	9° 2	12°59	8°55	5° 8	5° 2	13°14	4°50	5°50	4°52	n.a.	S 11
S 12	17 3 52	15°33'37	7♉18	12°44	27°29	9°38	13° 4	8°51	5° 6	5°R 2	13°16	4°47	5°46	4°59	n.a.	S 12
M13	17 7 49	16°30'47	19°10	14°53	26°57	10°14	13° 9	8°47	5° 3	5° 2	13°17	4°44	5°43	5° 6	n.a.	M13
T 14	17 11 45	17°27'57	0♊58	17° 1	26°25	10°50	13°14	8°42	5° 1	5° 2	13°19	4°42	5°40	5°12	n.a.	T 14
W15	17 15 42	18°25'08	12°47	19°10	25°51	11°26	13°18	8°38	4°59	5° 2	13°21	4°40	5°37	5°19	n.a.	W15
T 16	17 19 38	19°22'20	24°37	21°17	25°16	12° 3	13°22	8°34	4°56	5° 1	13°22	4°39	5°34	5°26	n.a.	T 16
F 17	17 23 35	20°19'32	6♋30	23°24	24°40	12°39	13°27	8°29	4°54	5° 1	13°24	4°D39	5°31	5°32	n.a.	F 17
S 18	17 27 32	21°16'44	18°30	25°29	24° 4	13°15	13°31	8°25	4°52	5° 1	13°26	4°39	5°27	5°39	n.a.	S 18
S 19	17 31 28	22°13'57	0♌37	27°34	23°27	13°52	13°34	8°21	4°49	5° 1	13°27	4°40	5°24	5°46	n.a.	S 19
M20	17 35 25	23°11'10	12°57	29°37	22°49	14°28	13°38	8°17	4°47	5° 1	13°29	4°41	5°21	5°52	n.a.	M20
T 21	17 39 21	24° 8'24	25°30	1♋38	22°12	15° 5	13°41	8°13	4°45	5° 0	13°31	4°42	5°18	5°59	n.a.	T 21
W22	17 43 18	25° 5'38	8♍20	3°38	21°35	15°42	13°45	8° 9	4°43	5° 0	13°33	4°43	5°15	6° 6	n.a.	W22
T 23	17 47 14	26° 2'53	21°31	5°37	20°59	16°19	13°48	8° 4	4°40	5° 0	13°34	4°R43	5°11	6°12	n.a.	T 23
F 24	17 51 11	27° 0'08	5♎ 4	7°34	20°23	16°56	13°51	8° 0	4°38	4°59	13°36	4°43	5° 8	6°19	n.a.	F 24
S 25	17 55 8	27°57'24	19° 1	9°29	19°48	17°32	13°53	7°56	4°36	4°59	13°38	4°43	5° 5	6°26	n.a.	S 25
S 26	17 59 4	28°54'40	3♏20	11°22	19°14	18°10	13°56	7°52	4°34	4°59	13°40	4°42	5° 2	6°32	n.a.	S 26
M27	18 3 1	29°51'57	18° 1	13°14	18°42	18°47	13°58	7°48	4°32	4°58	13°41	4°42	4°59	6°39	n.a.	M27
T 28	18 6 57	0♋49'14	2♐57	15° 4	18°11	19°24	14° 0	7°45	4°30	4°58	13°43	4°41	4°56	6°46	n.a.	T 28
W29	18 10 54	1°46'33	18° 1	16°53	17°42	20° 1	14° 2	7°41	4°28	4°57	13°45	4°41	4°52	6°52	n.a.	W29
T 30	18 14 50	2♋43'52	3♑ 5	18♋40	17♊15	20♌38	14♓ 4	7♐37	4♐26	4♓57	13♋47	4°D41	4♑49	6♊59	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n24	24s22	2s14	17n11	0s50	24n 6	0n23	20n59	1n20	8s24	1s22	21s 0	1n11	21s32	0s 2	11s 7	1s26	30n10	7n 7	23s38	23s34	23n53		n.a.
T 2	21 35	24 32	0 55	17 53	0 38	23 55	0 11	20 50	1 19	8 22	1 22	20 59	1 11	21 31	0 2	11 7	1 26	30 10	7 7	23 38	23 35	23 54		n.a.
F 3	21 44	22 56	0n27	18 34	0 26	23 43	0s 1	20 41	1 18	8 20	1 22	20 59	1 11	21 31	0 2	11 7	1 26	30 9	7 7	23 38	23 35	23 54		n.a.
S 4	21 54	19 48	1 45	19 14	0 15	23 30	0 14	20 32	1 17	8 17	1 23	20 58	1 11	21 30	0 2	11 7	1 26	30 9	7 6	23 38	23 35	23 55		n.a.
S 5	22 3	15 34	2 54	19 53	0 3	23 17	0 26	20 22	1 17	8 15	1 23	20 58	1 10	21 30	0 2	11 7	1 26	30 9	7 6	23 38	23 35	23 55		n.a.
M 6	22 12	10 39	3 51	20 31	0n 8	23 4	0 40	20 13	1 16	8 13	1 23	20 57	1 10	21 29	0 2	11 7	1 26	30 9	7 6	23 38	23 35	23 56		n.a.
T 7	22 20	5 23	4 34	21 8	0 19	22 51	0 53	20 3	1 15	8 11	1 23	20 57	1 10	21 29	0 2	11 7	1 26	30 9	7 6	23 38	23 35	23 56		n.a.
W 8	22 28	0 3	5 2	21 43	0 29	22 37	1 7	19 53	1 14	8 9	1 24	20 56	1 10	21 29	0 2	11 7	1 26	30 8	7 6	23 38	23 36	23 57		n.a.
T 9	22 36	5n 9	5 14	22 16	0 39	22 23	1 20	19 43	1 14	8 7	1 24	20 55	1 10	21 28	0 2	11 7	1 26	30 8	7 6	23 38	23 36	23 57		n.a.
F 10	22 43	10 3	5 12	22 47	0 49	22 9	1 34	19 33	1 13	8 6	1 24	20 55	1 10	21 28	0 2	11 7	1 26	30 8	7 6	23 38	23 36	23 58		n.a.
S 11	22 50	14 29	4 55	23 15	0 58	21 54	1 48	19 23	1 12	8 4	1 25	20 54	1 10	21 27	0 2	11 7	1 26	30 8	7 6	23 38	23 36	23 58		n.a.
S 12	22 56	18 17	4 26	23 41	1 6	21 40	2 3	19 12	1 12	8 2	1 25	20 54	1 10	21 27	0 2	11 7	1 26	30 8	7 6	23 38	23 36	23 59		n.a.
M13	23 2	21 20	3 46	24 5	1 13	21 25	2 17	19 2	1 11	8 1	1 25	20 53	1 10	21 26	0 3	11 7	1 26	30 7	7 6	23 39	23 36	23 59		n.a.
T 14	23 8	23 28	2 56	24 25	1 20	21 10	2 31	18 51	1 10	7 59	1 26	20 52	1 10	21 26	0 3	11 7	1 27	30 7	7 6	23 39	23 36	24 0		n.a.
W15	23 13	24 33	1 58	24 43	1 27	20 55	2 45	18 40	1 9	7 58	1 26	20 52	1 10	21 26	0 3	11 7	1 27	30 7	7 6	23 39	23 37	24 0		n.a.
T 16	23 18	24 32	0 55	24 58	1 32	20 40	2 59	18 29	1 9	7 56	1 26	20 51	1 9	21 25	0 3	11 7	1 27	30 7	7 6	23 39	23 37	24 1		n.a.
F 17	23 22	23 24	0s10	25 11	1 37	20 25	3 13	18 18	1 8	7 55	1 27	20 51	1 9	21 25	0 3	11 8	1 27	30 7	7 6	23 39	23 37	24 1		n.a.
S 18	23 26	21 11	1 16	25 20	1 41	20 10	3 26	18 7	1 7	7 54	1 27	20 50	1 9	21 24	0 3	11 8	1 27	30 6	7 6	23 39	23 37	24 2		n.a.
S 19	23 30	18 0	2 19	25 27	1 45	19 55	3 39	17 56	1 6	7 52	1 27	20 50	1 9	21 24	0 3	11 8	1 27	30 6	7 6	23 39	23 37	24 2		n.a.
M20	23 33	13 59	3 17	25 31	1 47	19 40	3 52	17 44	1 6	7 51	1 27	20 49	1 9	21 24	0 3	11 8	1 27	30 6	7 6	23 39	23 37	24 3		n.a.
T 21	23 36	9 19	4 6	25 32	1 49	19 26	4 4	17 32	1 5	7 50	1 28	20 48	1 9	21 23	0 3	11 8	1 27	30 6	7 6	23 39	23 37	24 3		n.a.
W22	23 38	4 9	4 45	25 31	1 50	19 12	4 16	17 21	1 4	7 49	1 28	20 48	1 9	21 23	0 3	11 8	1 27	30 6	7 6	23 39	23 37	24 3		n.a.
T 23	23 40	1s19	5 9	25 27	1 51	18 58	4 28	17 9	1 4	7 48	1 28	20 47	1 9	21 22	0 3	11 8	1 27	30 6	7 6	23 39	23 38	24 4		n.a.
F 24	23 42	6 53	5 17	25 22	1 51	18 45	4 38	16 57	1 3	7 48	1 29	20 47	1 9	21 22	0 3	11 9	1 27	30 5	7 6	23 39	23 38	24 4		n.a.
S 25	23 43	12 16	5 8	25 13	1 50	18 32	4 49	16 45	1 2	7 47	1 29	20 46	1 8	21 22	0 3	11 9	1 27	30 5	7 6	23 39	23 38	24 5		n.a.
S 26	23 43	17 8	4 39	25 3	1 49	18 20	4 58	16 33	1 1	7 46	1 29	20 46	1 8	21 21	0 3	11 9	1 27	30 5	7 6	23 39	23 38	24 5		n.a.
M27	23 44	21 6	3 51	24 51	1 47	18 9	5 7	16 20	1 1	7 45	1 30	20 45	1 8	21 21	0 3	11 9	1 27	30 5	7 6	23 39	23 38	24 6		n.a.
T 28	23 44	23 44	2 47	24 36	1 45	17 58	5 15	16 8	1 0	7 45	1 30	20 45	1 8	21 20	0 3	11 9	1 27	30 5	7 6	23 39	23 38	24 6		n.a.
W29	23 43	24 42	1 31	24 20	1 42	17 47	5 23	15 55	0 59	7 44	1 30	20 44	1 8	21 20	0 3	11 10	1 27	30 5	7 6	23 39	23 38	24 6		n.a.
T 30	23n42	23s50	0s 9	24n 3	1n39	17n38	5s30	15n43	0n59	7s44	1s31	20s44	1n 8	21s20	0s 3	11s10	1s27	30n 4	7n 6	23s39	23s38	24n 7		n.a.

Julian Day Number = 1619304.5, Delta T = 03h48m30s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'51, Lahiri = - 7°48'51 Julian Calendar 1 June 280 BCE == Greg. Calendar 28 May 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

JULY 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 18 47	3♋41'12	18♑ 1	20♋25	16°R49	21♌16	14♓ 5	7°R33	4°R24	4°R56	13♋48	4♑41	4♑46	7♊ 6	n.a.	F 1
S 2	18 22 43	4°38'34	2♒39	22° 8	16♊26	21°53	14° 7	7♐30	4♐22	4♓55	13°50	4°R41	4°43	7°12	n.a.	S 2
S 3	18 26 40	5°35'56	16°55	23°50	16° 5	22°31	14° 8	7°26	4°20	4°55	13°52	4°41	4°40	7°19	n.a.	S 3
M 4	18 30 37	6°33'20	0♓45	25°31	15°46	23° 8	14° 9	7°22	4°18	4°54	13°54	4°41	4°37	7°26	n.a.	M 4
T 5	18 34 33	7°30'45	14° 9	27° 9	15°30	23°46	14°10	7°19	4°16	4°53	13°56	4°41	4°33	7°32	n.a.	T 5
W 6	18 38 30	8°28'11	27° 8	28°46	15°16	24°23	14°10	7°15	4°14	4°53	13°57	4°40	4°30	7°39	n.a.	W 6
T 7	18 42 26	9°25'39	9♈44	0♌22	15° 4	25° 1	14°11	7°12	4°12	4°52	13°59	4°D40	4°27	7°46	n.a.	T 7
F 8	18 46 23	10°23'08	22° 3	1°56	14°55	25°39	14°R11	7° 9	4°10	4°51	14° 1	4°40	4°24	7°52	n.a.	F 8
S 9	18 50 19	11°20'39	4♉ 7	3°28	14°48	26°17	14°11	7° 5	4° 8	4°50	14° 3	4°41	4°21	7°59	n.a.	S 9
S 10	18 54 16	12°18'12	16° 2	4°58	14°43	26°55	14°11	7° 2	4° 7	4°50	14° 5	4°42	4°17	8° 6	n.a.	S 10
M11	18 58 12	13°15'45	27°51	6°27	14°D41	27°33	14°10	6°59	4° 5	4°49	14° 7	4°42	4°14	8°12	n.a.	M11
T 12	19 2 9	14°13'21	9♊39	7°54	14°41	28°11	14°10	6°56	4° 3	4°48	14° 8	4°43	4°11	8°19	n.a.	T 12
W13	19 6 6	15°10'58	21°29	9°20	14°44	28°49	14° 9	6°53	4° 2	4°47	14°10	4°44	4° 8	8°26	n.a.	W13
T 14	19 10 2	16° 8'36	3♋24	10°44	14°49	29°28	14° 8	6°50	4° 0	4°46	14°12	4°R44	4° 5	8°32	n.a.	T 14
F 15	19 13 59	17° 6'16	15°26	12° 6	14°56	0♍ 6	14° 7	6°47	3°59	4°45	14°14	4°44	4° 2	8°39	n.a.	F 15
S 16	19 17 55	18° 3'57	27°38	13°26	15° 5	0°44	14° 5	6°45	3°57	4°44	14°16	4°43	3°58	8°46	n.a.	S 16
S 17	19 21 52	19° 1'40	10♌ 0	14°45	15°16	1°23	14° 4	6°42	3°56	4°43	14°18	4°42	3°55	8°52	n.a.	S 17
M18	19 25 48	19°59'24	22°35	16° 1	15°29	2° 1	14° 2	6°39	3°54	4°42	14°19	4°40	3°52	8°59	n.a.	M18
T 19	19 29 45	20°57'09	5♍22	17°16	15°45	2°40	14° 0	6°37	3°53	4°41	14°21	4°37	3°49	9° 6	n.a.	T 19
W20	19 33 41	21°54'56	18°25	18°29	16° 2	3°19	13°58	6°34	3°51	4°40	14°23	4°35	3°46	9°12	n.a.	W20
T 21	19 37 38	22°52'44	1♎42	19°40	16°21	3°58	13°55	6°32	3°50	4°39	14°25	4°33	3°43	9°19	n.a.	T 21
F 22	19 41 35	23°50'33	15°16	20°48	16°42	4°36	13°53	6°30	3°49	4°37	14°27	4°32	3°39	9°26	n.a.	F 22
S 23	19 45 31	24°48'23	29° 7	21°55	17° 4	5°15	13°50	6°27	3°47	4°36	14°28	4°D32	3°36	9°32	n.a.	S 23
S 24	19 49 28	25°46'15	13♏14	22°59	17°29	5°54	13°47	6°25	3°46	4°35	14°30	4°33	3°33	9°39	n.a.	S 24
M25	19 53 24	26°44'08	27°36	24° 0	17°55	6°33	13°44	6°23	3°45	4°34	14°32	4°34	3°30	9°46	n.a.	M25
T 26	19 57 21	27°42'03	12♐11	24°59	18°22	7°12	13°41	6°21	3°44	4°33	14°34	4°35	3°27	9°52	n.a.	T 26
W27	20 1 17	28°39'59	26°54	25°56	18°51	7°51	13°37	6°20	3°43	4°31	14°36	4°36	3°23	9°59	n.a.	W27
T 28	20 5 14	29°37'57	11♑39	26°49	19°22	8°31	13°33	6°18	3°42	4°30	14°37	4°R36	3°20	10° 6	n.a.	T 28
F 29	20 9 10	0♌35'56	26°19	27°39	19°54	9°10	13°30	6°16	3°41	4°29	14°39	4°35	3°17	10°12	n.a.	F 29
S 30	20 13 7	1°33'57	10♒49	28°26	20°27	9°49	13°25	6°14	3°40	4°27	14°41	4°33	3°14	10°19	n.a.	S 30
S 31	20 17 4	2♌32'00	25♒ 1	29♌10	21♊ 2	10♍29	13♓21	6♐13	3♐39	4♓26	14♋43	4♑29	3♑11	10♊26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n41	21s17	1n13	23n43	1n35	17n29	5s36	15n30	0n58	7s44	1s31	20s43	1n 8	21s19	0s 3	11s10	1s27	30n 4	7n 6	23s39	23s39	24n 7		n.a.
S 2	23 39	17 23	2 29	23 23	1 31	17 21	5 42	15 17	0 57	7 44	1 31	20 43	1 8	21 19	0 3	11 10	1 28	30 4	7 6	23 39	23 39	24 7		n.a.
S 3	23 37	12 34	3 34	23 0	1 26	17 14	5 47	15 4	0 57	7 43	1 32	20 42	1 7	21 19	0 3	11 11	1 28	30 4	7 7	23 39	23 39	24 8		n.a.
M 4	23 34	7 14	4 24	22 37	1 21	17 8	5 52	14 51	0 56	7 43	1 32	20 42	1 7	21 18	0 3	11 11	1 28	30 4	7 7	23 39	23 39	24 8		n.a.
T 5	23 31	1 44	4 58	22 13	1 15	17 2	5 55	14 38	0 55	7 43	1 32	20 42	1 7	21 18	0 3	11 11	1 28	30 4	7 7	23 39	23 39	24 8		n.a.
W 6	23 27	3n39	5 15	21 47	1 9	16 58	5 59	14 24	0 54	7 43	1 33	20 41	1 7	21 18	0 3	11 12	1 28	30 3	7 7	23 39	23 39	24 9		n.a.
T 7	23 23	8 44	5 16	21 20	1 3	16 54	6 1	14 11	0 54	7 44	1 33	20 41	1 7	21 17	0 3	11 12	1 28	30 3	7 7	23 39	23 39	24 9		n.a.
F 8	23 19	13 22	5 3	20 53	0 56	16 51	6 3	13 57	0 53	7 44	1 33	20 40	1 7	21 17	0 3	11 12	1 28	30 3	7 7	23 39	23 39	24 9		n.a.
S 9	23 14	17 22	4 37	20 25	0 49	16 48	6 5	13 44	0 52	7 44	1 34	20 40	1 7	21 17	0 3	11 13	1 28	30 3	7 7	23 39	23 39	24 10		n.a.
S 10	23 9	20 38	3 59	19 56	0 42	16 47	6 6	13 30	0 52	7 44	1 34	20 39	1 6	21 16	0 3	11 13	1 28	30 3	7 7	23 39	23 40	24 10		n.a.
M11	23 4	23 1	3 11	19 26	0 34	16 46	6 7	13 16	0 51	7 45	1 34	20 39	1 6	21 16	0 3	11 13	1 28	30 3	7 7	23 39	23 40	24 10		n.a.
T 12	22 58	24 23	2 15	18 56	0 26	16 46	6 7	13 2	0 50	7 45	1 35	20 39	1 6	21 16	0 3	11 14	1 28	30 3	7 7	23 39	23 40	24 11		n.a.
W13	22 51	24 40	1 13	18 26	0 18	16 47	6 6	12 48	0 49	7 46	1 35	20 38	1 6	21 15	0 3	11 14	1 28	30 2	7 7	23 39	23 40	24 11		n.a.
T 14	22 44	23 48	0 7	17 55	0 10	16 48	6 6	12 34	0 49	7 47	1 35	20 38	1 6	21 15	0 3	11 15	1 28	30 2	7 7	23 39	23 40	24 11		n.a.
F 15	22 37	21 51	0s59	17 23	0 1	16 50	6 5	12 19	0 48	7 47	1 36	20 38	1 6	21 15	0 3	11 15	1 28	30 2	7 7	23 39	23 40	24 12		n.a.
S 16	22 30	18 52	2 3	16 52	0s 8	16 52	6 3	12 5	0 47	7 48	1 36	20 37	1 5	21 14	0 3	11 15	1 28	30 2	7 7	23 39	23 40	24 12		n.a.
S 17	22 22	15 1	3 3	16 20	0 17	16 55	6 1	11 50	0 47	7 49	1 36	20 37	1 5	21 14	0 3	11 16	1 28	30 2	7 7	23 39	23 40	24 12		n.a.
M18	22 13	10 27	3 55	15 49	0 26	16 59	5 59	11 36	0 46	7 50	1 36	20 37	1 5	21 14	0 3	11 16	1 28	30 2	7 8	23 39	23 40	24 12		n.a.
T 19	22 4	5 23	4 36	15 17	0 36	17 3	5 57	11 21	0 45	7 51	1 37	20 37	1 5	21 14	0 3	11 17	1 28	30 2	7 8	23 39	23 40	24 13		n.a.
W20	21 55	0s 0	5 3	14 45	0 45	17 7	5 54	11 6	0 45	7 52	1 37	20 36	1 5	21 13	0 3	11 17	1 28	30 2	7 8	23 39	23 40	24 13		n.a.
T 21	21 46	5 30	5 15	14 14	0 55	17 12	5 51	10 51	0 44	7 54	1 37	20 36	1 5	21 13	0 3	11 18	1 28	30 1	7 8	23 39	23 41	24 13		n.a.
F 22	21 36	10 50	5 10	13 43	1 5	17 17	5 48	10 36	0 43	7 55	1 38	20 36	1 5	21 13	0 3	11 18	1 28	30 1	7 8	23 39	23 41	24 13		n.a.
S 23	21 25	15 45	4 47	13 12	1 15	17 23	5 44	10 21	0 43	7 56	1 38	20 36	1 4	21 13	0 3	11 19	1 29	30 1	7 8	23 39	23 41	24 14		n.a.
S 24	21 15	19 55	4 7	12 41	1 25	17 29	5 41	10 6	0 42	7 58	1 38	20 35	1 4	21 12	0 3	11 19	1 29	30 1	7 8	23 39	23 41	24 14		n.a.
M25	21 4	22 57	3 10	12 11	1 35	17 35	5 37	9 51	0 41	7 59	1 39	20 35	1 4	21 12	0 3	11 19	1 29	30 1	7 8	23 39	23 41	24 14		n.a.
T 26	20 52	24 31	2 0	11 42	1 45	17 41	5 33	9 36	0 40	8 1	1 39	20 35	1 4	21 12	0 3	11 20	1 29	30 1	7 8	23 39	23 41	24 14		n.a.
W27	20 41	24 24	0 42	11 13	1 55	17 48	5 28	9 20	0 40	8 2	1 39	20 35	1 4	21 12	0 3	11 20	1 29	30 1	7 8	23 39	23 41	24 15		n.a.
T 28	20 28	22 34	0n39	10 46	2 6	17 55	5 24	9 5	0 39	8 4	1 39	20 35	1 4	21 12	0 3	11 21	1 29	30 1	7 9	23 39	23 41	24 15		n.a.
F 29	20 16	19 14	1 57	10 19	2 16	18 2	5 19	8 49	0 38	8 6	1 40	20 35	1 3	21 11	0 3	11 22	1 29	30 1	7 9	23 39	23 41	24 15		n.a.
S 30	20 3	14 45	3 6	9 53	2 26	18 9	5 15	8 34	0 38	8 8	1 40	20 34	1 3	21 11	0 3	11 22	1 29	30 1	7 9	23 39	23 41	24 15		n.a.
S 31	19n50	9s32	4n 2	9n28	2s36	18n16	5s10	8n18	0n37	8s10	1s40	20s34	1n 3	21s11	0s 3	11s23	1s29	30n 1	7n 9	23s39	23s41	24n15		n.a.

Julian Day Number = 1619334.5, Delta T = 03h48m29s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'47, Lahiri = - 7°48'47 Julian Calendar 1 July 280 BCE == Greg. Calendar 27 June 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

AUGUST 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 21 0	3♌30'04	8♓52	29♌50	21♊38	11♍ 8	13°R17	6°R12	3°R38	4°R25	14♋44	4°R25	3♉ 8	10♊32	n.a.	M 1
T 2	20 24 57	4°28'11	22°19	0♍26	22°15	11°48	13♓12	6♐10	3♐38	4♓23	14°46	4♉20	3° 4	10°39	n.a.	T 2
W 3	20 28 53	5°26'19	5♈21	0°58	22°54	12°27	13° 7	6° 9	3°37	4°22	14°48	4°16	3° 1	10°45	n.a.	W 3
T 4	20 32 50	6°24'30	18° 0	1°25	23°33	13° 7	13° 3	6° 8	3°36	4°21	14°50	4°14	2°58	10°52	n.a.	T 4
F 5	20 36 46	7°22'43	0♉20	1°48	24°14	13°47	12°57	6° 7	3°35	4°19	14°51	4°12	2°55	10°59	n.a.	F 5
S 6	20 40 43	8°20'58	12°25	2° 5	24°56	14°27	12°52	6° 6	3°35	4°18	14°53	4°D12	2°52	11° 5	n.a.	S 6
S 7	20 44 39	9°19'15	24°20	2°18	25°39	15° 6	12°47	6° 5	3°34	4°16	14°55	4°13	2°49	11°12	n.a.	S 7
M 8	20 48 36	10°17'34	6♊ 9	2°24	26°22	15°46	12°41	6° 4	3°34	4°15	14°56	4°14	2°45	11°19	n.a.	M 8
T 9	20 52 33	11°15'56	17°57	2°R25	27° 7	16°26	12°35	6° 4	3°33	4°13	14°58	4°16	2°42	11°25	n.a.	T 9
W10	20 56 29	12°14'19	29°50	2°19	27°53	17° 6	12°30	6° 3	3°33	4°12	15° 0	4°R17	2°39	11°32	n.a.	W10
T 11	21 0 26	13°12'45	11♋51	2° 7	28°39	17°47	12°24	6° 3	3°33	4°10	15° 1	4°17	2°36	11°39	n.a.	T 11
F 12	21 4 22	14°11'13	24° 3	1°49	29°27	18°27	12°17	6° 2	3°32	4° 9	15° 3	4°15	2°33	11°45	n.a.	F 12
S 13	21 8 19	15° 9'43	6♌29	1°24	0♋15	19° 7	12°11	6° 2	3°32	4° 7	15° 5	4°11	2°29	11°52	n.a.	S 13
S 14	21 12 15	16° 8'15	19° 9	0°52	1° 4	19°47	12° 5	6° 2	3°32	4° 6	15° 6	4° 6	2°26	11°59	n.a.	S 14
M15	21 16 12	17° 6'49	2♍ 5	0°13	1°54	20°28	11°58	6°D 2	3°32	4° 4	15° 8	3°59	2°23	12° 5	n.a.	M15
T 16	21 20 8	18° 5'25	15°14	29♌28	2°45	21° 8	11°51	6° 2	3°32	4° 2	15° 9	3°51	2°20	12°12	n.a.	T 16
W17	21 24 5	19° 4'03	28°38	28°38	3°36	21°49	11°45	6° 2	3°D32	4° 1	15°11	3°44	2°17	12°19	n.a.	W17
T 18	21 28 2	20° 2'43	12♎12	27°42	4°28	22°30	11°38	6° 2	3°32	3°59	15°12	3°37	2°14	12°25	n.a.	T 18
F 19	21 31 58	21° 1'24	25°58	26°42	5°20	23°10	11°31	6° 2	3°32	3°58	15°14	3°33	2°10	12°32	n.a.	F 19
S 20	21 35 55	22° 0'08	9♏52	25°39	6°13	23°51	11°23	6° 3	3°32	3°56	15°16	3°30	2° 7	12°39	n.a.	S 20
S 21	21 39 51	22°58'53	23°54	24°35	7° 7	24°32	11°16	6° 3	3°32	3°54	15°17	3°D29	2° 4	12°45	n.a.	S 21
M22	21 43 48	23°57'40	8♐ 3	23°30	8° 2	25°13	11° 9	6° 4	3°32	3°53	15°19	3°30	2° 1	12°52	n.a.	M22
T 23	21 47 44	24°56'29	22°18	22°27	8°57	25°54	11° 1	6° 5	3°32	3°51	15°20	3°31	1°58	12°59	n.a.	T 23
W24	21 51 41	25°55'19	6♑36	21°26	9°52	26°35	10°54	6° 5	3°33	3°49	15°22	3°R31	1°54	13° 5	n.a.	W24
T 25	21 55 37	26°54'12	20°55	20°30	10°48	27°16	10°46	6° 6	3°33	3°48	15°23	3°30	1°51	13°12	n.a.	T 25
F 26	21 59 34	27°53'06	5♒12	19°41	11°45	27°57	10°39	6° 7	3°33	3°46	15°24	3°26	1°48	13°19	n.a.	F 26
S 27	22 3 31	28°52'03	19°20	18°59	12°42	28°38	10°31	6° 9	3°34	3°44	15°26	3°20	1°45	13°25	n.a.	S 27
S 28	22 7 27	29°51'01	3♓17	18°25	13°40	29°19	10°23	6°10	3°34	3°43	15°27	3°12	1°42	13°32	n.a.	S 28
M29	22 11 24	0♍50'02	16°57	18° 1	14°38	0♎ 1	10°15	6°11	3°35	3°41	15°29	3° 3	1°39	13°38	n.a.	M29
T 30	22 15 20	1°49'04	0♈18	17°46	15°37	0°42	10° 7	6°12	3°36	3°39	15°30	2°52	1°35	13°45	n.a.	T 30
W31	22 19 17	2♍48'09	13♈17	17°D42	16♋36	1♎23	10♓ 0	6♐14	3♐36	3♓38	15♋31	2♑43	1♑32	13♊52	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19n36	3s59	4n43	9n 5	2s46	18n24	5s 5	8n 2	0n36	8s12	1s41	20s34	1n 3	21s11	0s 3	11s23	1s29	30n 0	7n 9	23s39	23s42	24n15			n.a.
T 2	19 23	1n36	5 6	8 43	2 55	18 31	5 0	7 46	0 36	8 14	1 41	20 34	1 3	21 11	0 3	11 24	1 29	30 0	7 9	23 39	23 42	24 16			n.a.
W 3	19 8	6 55	5 13	8 23	3 5	18 38	4 54	7 30	0 35	8 16	1 41	20 34	1 2	21 11	0 3	11 24	1 29	30 0	7 9	23 40	23 42	24 16			n.a.
T 4	18 54	11 49	5 4	8 5	3 14	18 46	4 49	7 14	0 34	8 18	1 41	20 34	1 2	21 11	0 3	11 25	1 29	30 0	7 10	23 40	23 42	24 16			n.a.
F 5	18 39	16 6	4 41	7 49	3 23	18 53	4 44	6 58	0 33	8 20	1 42	20 34	1 2	21 10	0 3	11 25	1 29	30 0	7 10	23 40	23 42	24 16			n.a.
S 6	18 24	19 39	4 6	7 34	3 31	19 0	4 38	6 42	0 33	8 22	1 42	20 34	1 2	21 10	0 3	11 26	1 29	30 0	7 10	23 40	23 42	24 16			n.a.
S 7	18 8	22 19	3 21	7 23	3 39	19 7	4 33	6 26	0 32	8 25	1 42	20 34	1 2	21 10	0 3	11 26	1 29	30 0	7 10	23 40	23 42	24 16			n.a.
M 8	17 53	24 1	2 28	7 14	3 46	19 14	4 27	6 9	0 31	8 27	1 42	20 34	1 2	21 10	0 3	11 27	1 29	30 0	7 10	23 40	23 42	24 16			n.a.
T 9	17 36	24 38	1 28	7 7	3 53	19 21	4 21	5 53	0 31	8 29	1 43	20 34	1 1	21 10	0 3	11 28	1 29	30 0	7 10	23 40	23 42	24 17			n.a.
W10	17 20	24 8	0 24	7 4	3 58	19 27	4 16	5 37	0 30	8 32	1 43	20 34	1 1	21 10	0 3	11 28	1 29	30 0	7 10	23 40	23 42	24 17			n.a.
T 11	17 3	22 31	0s41	7 4	4 3	19 34	4 10	5 20	0 29	8 34	1 43	20 34	1 1	21 10	0 3	11 29	1 29	30 0	7 11	23 40	23 42	24 17			n.a.
F 12	16 46	19 50	1 45	7 7	4 6	19 40	4 4	5 4	0 29	8 37	1 43	20 35	1 1	21 10	0 3	11 29	1 29	30 0	7 11	23 40	23 42	24 17			n.a.
S 13	16 29	16 12	2 46	7 14	4 9	19 46	3 58	4 47	0 28	8 40	1 43	20 35	1 1	21 10	0 3	11 30	1 29	30 0	7 11	23 40	23 42	24 17			n.a.
S 14	16 11	11 47	3 39	7 25	4 9	19 51	3 52	4 30	0 27	8 42	1 44	20 35	1 1	21 10	0 3	11 31	1 29	30 0	7 11	23 40	23 42	24 17			n.a.
M15	15 54	6 47	4 22	7 39	4 9	19 57	3 46	4 14	0 27	8 45	1 44	20 35	1 0	21 10	0 3	11 31	1 29	30 0	7 11	23 40	23 42	24 17			n.a.
T 16	15 36	1 24	4 52	7 57	4 6	20 2	3 40	3 57	0 26	8 48	1 44	20 35	1 0	21 10	0 3	11 32	1 29	30 0	7 11	23 40	23 43	24 17			n.a.
W17	15 17	4s 8	5 7	8 19	4 2	20 7	3 34	3 40	0 25	8 51	1 44	20 35	1 0	21 10	0 3	11 32	1 29	30 0	7 12	23 41	23 43	24 17			n.a.
T 18	14 59	9 33	5 5	8 44	3 55	20 11	3 28	3 23	0 25	8 53	1 44	20 36	1 0	21 10	0 3	11 33	1 29	30 0	7 12	23 41	23 43	24 17			n.a.
F 19	14 40	14 34	4 45	9 13	3 47	20 15	3 22	3 6	0 24	8 56	1 45	20 36	1 0	21 10	0 3	11 34	1 29	30 0	7 12	23 41	23 43	24 17			n.a.
S 20	14 21	18 52	4 9	9 44	3 37	20 19	3 16	2 49	0 23	8 59	1 45	20 36	1 0	21 10	0 3	11 34	1 29	30 0	7 12	23 41	23 43	24 18			n.a.
S 21	14 1	22 9	3 17	10 17	3 24	20 22	3 10	2 32	0 22	9 2	1 45	20 36	0 59	21 10	0 3	11 35	1 29	30 0	7 12	23 41	23 43	24 18			n.a.
M22	13 42	24 6	2 13	10 52	3 10	20 25	3 4	2 15	0 22	9 5	1 45	20 37	0 59	21 10	0 3	11 35	1 29	30 0	7 13	23 41	23 43	24 18			n.a.
T 23	13 22	24 30	1 0	11 27	2 54	20 28	2 58	1 58	0 21	9 8	1 45	20 37	0 59	21 10	0 3	11 36	1 29	30 0	7 13	23 41	23 43	24 18			n.a.
W24	13 2	23 17	0n17	12 3	2 37	20 30	2 52	1 41	0 20	9 11	1 45	20 37	0 59	21 10	0 3	11 37	1 29	30 0	7 13	23 41	23 43	24 18			n.a.
T 25	12 42	20 34	1 32	12 38	2 19	20 32	2 46	1 24	0 20	9 14	1 45	20 38	0 59	21 10	0 3	11 37	1 29	30 0	7 13	23 41	23 43	24 18			n.a.
F 26	12 21	16 35	2 42	13 12	2 0	20 33	2 40	1 7	0 19	9 17	1 45	20 38	0 58	21 10	0 3	11 38	1 29	30 0	7 13	23 41	23 43	24 18			n.a.
S 27	12 1	11 43	3 40	13 44	1 40	20 34	2 34	0 50	0 18	9 20	1 46	20 38	0 58	21 10	0 3	11 39	1 29	30 0	7 14	23 41	23 43	24 18			n.a.
S 28	11 40	6 19	4 25	14 14	1 20	20 34	2 28	0 33	0 18	9 23	1 46	20 39	0 58	21 10	0 3	11 39	1 29	30 0	7 14	23 41	23 43	24 18			n.a.
M29	11 19	0 43	4 53	14 40	1 0	20 34	2 22	0 15	0 17	9 26	1 46	20 39	0 58	21 11	0 3	11 40	1 30	30 0	7 14	23 42	23 43	24 18			n.a.
T 30	10 57	4n46	5 4	15 3	0 41	20 33	2 16	0s 2	0 16	9 30	1 46	20 39	0 58	21 11	0 3	11 40	1 30	30 0	7 14	23 42	23 43	24 18			n.a.
W31	10n36	9n54	5n 0	15n22	0s22	20n32	2s10	0s19	0n16	9s33	1s46	20s40	0n58	21s11	0s 3	11s41	1s30	30n 0	7n14	23s42	23s43	24n18			n.a.

Julian Day Number = 1619365.5, Delta T = 03h48m28s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'43, Lahiri = - 7°48'42 Julian Calendar 1 Aug. 280 BCE == Greg. Calendar 28 July 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

SEPTEMBER 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 23 13	3♍47'17	25♈56	17♌49	17♋35	2♎ 5	9°R52	6♐15	3♐37	3°R36	15♋33	2°R35	1♑29	13♊58	n.a.	T 1
F 2	22 27 10	4°46'27	8♉16	18° 5	18°35	2°46	9♓44	6°17	3°38	3♓34	15°34	2♑29	1°26	14° 5	n.a.	F 2
S 3	22 31 6	5°45'39	20°21	18°32	19°36	3°28	9°35	6°19	3°39	3°33	15°35	2°26	1°23	14°12	n.a.	S 3
S 4	22 35 3	6°44'53	2♊15	19° 8	20°37	4°10	9°27	6°21	3°39	3°31	15°36	2°D25	1°20	14°18	n.a.	S 4
M 5	22 38 59	7°44'11	14° 4	19°53	21°38	4°52	9°19	6°23	3°40	3°29	15°38	2°25	1°16	14°25	n.a.	M 5
T 6	22 42 56	8°43'30	25°53	20°46	22°40	5°33	9°11	6°25	3°41	3°28	15°39	2°25	1°13	14°32	n.a.	T 6
W 7	22 46 53	9°42'52	7♋48	21°47	23°42	6°15	9° 3	6°27	3°42	3°26	15°40	2°R25	1°10	14°38	n.a.	W 7
T 8	22 50 49	10°42'16	19°52	22°54	24°44	6°57	8°55	6°29	3°44	3°25	15°41	2°24	1° 7	14°45	n.a.	T 8
F 9	22 54 46	11°41'43	2♌12	24° 8	25°47	7°39	8°47	6°32	3°45	3°23	15°42	2°20	1° 4	14°52	n.a.	F 9
S 10	22 58 42	12°41'12	14°49	25°26	26°50	8°21	8°39	6°34	3°46	3°21	15°44	2°13	1° 0	14°58	n.a.	S 10
S 11	23 2 39	13°40'43	27°46	26°50	27°53	9° 4	8°31	6°37	3°47	3°20	15°45	2° 4	0°57	15° 5	n.a.	S 11
M12	23 6 35	14°40'17	11♍ 2	28°17	28°57	9°46	8°23	6°39	3°48	3°18	15°46	1°53	0°54	15°12	n.a.	M12
T 13	23 10 32	15°39'52	24°37	29°48	0♌ 1	10°28	8°15	6°42	3°50	3°16	15°47	1°41	0°51	15°18	n.a.	T 13
W14	23 14 28	16°39'30	8♎27	1♍21	1° 5	11°10	8° 7	6°45	3°51	3°15	15°48	1°29	0°48	15°25	n.a.	W14
T 15	23 18 25	17°39'09	22°27	2°56	2°10	11°53	7°59	6°48	3°52	3°13	15°49	1°19	0°45	15°32	n.a.	T 15
F 16	23 22 21	18°38'51	6♏34	4°34	3°14	12°35	7°51	6°51	3°54	3°11	15°50	1°11	0°41	15°38	n.a.	F 16
S 17	23 26 18	19°38'34	20°44	6°12	4°20	13°18	7°44	6°54	3°55	3°10	15°51	1° 5	0°38	15°45	n.a.	S 17
S 18	23 30 15	20°38'20	4♐54	7°52	5°25	14° 1	7°36	6°57	3°57	3° 8	15°52	1° 3	0°35	15°52	n.a.	S 18
M19	23 34 11	21°38'07	19° 1	9°33	6°31	14°43	7°28	7° 0	3°59	3° 7	15°53	1°D 2	0°32	15°58	n.a.	M19
T 20	23 38 8	22°37'56	3♑ 5	11°14	7°37	15°26	7°21	7° 3	4° 0	3° 5	15°54	1°R 2	0°29	16° 5	n.a.	T 20
W21	23 42 4	23°37'47	17° 6	12°56	8°43	16° 9	7°13	7° 7	4° 2	3° 4	15°55	1° 2	0°26	16°11	n.a.	W21
T 22	23 46 1	24°37'39	1♒ 2	14°38	9°49	16°52	7° 6	7°10	4° 4	3° 2	15°55	0°59	0°22	16°18	n.a.	T 22
F 23	23 49 57	25°37'34	14°52	16°20	10°56	17°34	6°59	7°14	4° 6	3° 1	15°56	0°54	0°19	16°25	n.a.	F 23
S 24	23 53 54	26°37'30	28°35	18° 2	12° 3	18°17	6°52	7°18	4° 7	2°59	15°57	0°46	0°16	16°31	n.a.	S 24
S 25	23 57 50	27°37'27	12♓ 7	19°43	13°10	19° 0	6°44	7°21	4° 9	2°58	15°58	0°35	0°13	16°38	n.a.	S 25
M26	0 1 47	28°37'27	25°27	21°25	14°17	19°44	6°37	7°25	4°11	2°56	15°58	0°22	0°10	16°45	n.a.	M26
T 27	0 5 44	29°37'29	8♈32	23° 6	15°25	20°27	6°31	7°29	4°13	2°55	15°59	0° 8	0° 6	16°51	n.a.	T 27
W28	0 9 40	0♎37'33	21°21	24°47	16°33	21°10	6°24	7°33	4°15	2°53	16° 0	29♐55	0° 3	16°58	n.a.	W28
T 29	0 13 37	1°37'39	3♉53	26°28	17°41	21°53	6°17	7°37	4°17	2°52	16° 1	29°44	0° 0	17° 5	n.a.	T 29
F 30	0 17 33	2♎37'47	16♉ 9	28♍ 8	18♌49	22♎37	6♓11	7♐41	4♐19	2♓50	16♋ 1	29♐35	29♐57	17♊11	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n14	14n28	4n40	15n37	0s 4	20n31	2s 4	0s37	0n15	9s36	1s46	20s40	0n57	21s11	0s 3	11s42	1s30	30n 0	7n15	23s42	23s43	24n18		n.a.
F 2	9 53	18 20	4 8	15 47	0n12	20 29	1 58	0 54	0 14	9 39	1 46	20 41	0 57	21 11	0 3	11 42	1 30	30 0	7 15	23 42	23 43	24 18		n.a.
S 3	9 31	21 20	3 25	15 54	0 28	20 26	1 52	1 11	0 14	9 42	1 46	20 41	0 57	21 11	0 3	11 43	1 30	30 0	7 15	23 42	23 43	24 18		n.a.
S 4	9 8	23 22	2 34	15 56	0 42	20 23	1 46	1 29	0 13	9 45	1 46	20 42	0 57	21 11	0 3	11 44	1 30	30 0	7 15	23 42	23 43	24 18		n.a.
M 5	8 46	24 22	1 36	15 54	0 55	20 19	1 40	1 46	0 12	9 48	1 46	20 42	0 57	21 12	0 3	11 44	1 30	30 0	7 16	23 42	23 43	24 18		n.a.
T 6	8 24	24 15	0 35	15 48	1 7	20 15	1 35	2 3	0 11	9 51	1 46	20 43	0 57	21 12	0 3	11 45	1 30	30 1	7 16	23 42	23 43	24 17		n.a.
W 7	8 1	23 1	0s29	15 38	1 18	20 10	1 29	2 21	0 11	9 55	1 46	20 43	0 56	21 12	0 3	11 45	1 30	30 1	7 16	23 42	23 43	24 17		n.a.
T 8	7 38	20 44	1 32	15 25	1 27	20 4	1 23	2 38	0 10	9 58	1 46	20 44	0 56	21 12	0 3	11 46	1 30	30 1	7 16	23 42	23 43	24 17		n.a.
F 9	7 16	17 27	2 31	15 7	1 35	19 59	1 18	2 56	0 9	10 1	1 46	20 44	0 56	21 12	0 3	11 47	1 30	30 1	7 17	23 43	23 43	24 17		n.a.
S 10	6 53	13 19	3 25	14 47	1 41	19 52	1 12	3 13	0 9	10 4	1 46	20 45	0 56	21 13	0 3	11 47	1 30	30 1	7 17	23 43	23 44	24 17		n.a.
S 11	6 30	8 29	4 10	14 23	1 47	19 45	1 6	3 31	0 8	10 7	1 46	20 46	0 56	21 13	0 3	11 48	1 30	30 1	7 17	23 43	23 44	24 17		n.a.
M12	6 6	3 10	4 42	13 57	1 51	19 37	1 1	3 48	0 7	10 10	1 46	20 46	0 56	21 13	0 3	11 48	1 30	30 1	7 17	23 43	23 44	24 17		n.a.
T 13	5 43	2s24	4 59	13 28	1 54	19 29	0 56	4 5	0 7	10 13	1 46	20 47	0 55	21 13	0 3	11 49	1 30	30 1	7 18	23 43	23 44	24 17		n.a.
W14	5 20	7 57	4 59	12 56	1 56	19 21	0 50	4 23	0 6	10 16	1 46	20 47	0 55	21 14	0 3	11 50	1 30	30 1	7 18	23 43	23 44	24 17		n.a.
T 15	4 56	13 11	4 41	12 23	1 58	19 11	0 45	4 40	0 5	10 19	1 46	20 48	0 55	21 14	0 3	11 50	1 30	30 2	7 18	23 43	23 44	24 17		n.a.
F 16	4 33	17 44	4 6	11 47	1 58	19 2	0 40	4 58	0 5	10 22	1 46	20 49	0 55	21 14	0 3	11 51	1 30	30 2	7 18	23 43	23 44	24 17		n.a.
S 17	4 9	21 18	3 16	11 10	1 58	18 51	0 34	5 15	0 4	10 24	1 46	20 49	0 55	21 15	0 3	11 51	1 30	30 2	7 19	23 43	23 44	24 16		n.a.
S 18	3 45	23 34	2 14	10 32	1 57	18 40	0 29	5 32	0 3	10 27	1 46	20 50	0 55	21 15	0 3	11 52	1 30	30 2	7 19	23 44	23 44	24 16		n.a.
M19	3 21	24 19	1 3	9 52	1 56	18 29	0 24	5 50	0 3	10 30	1 46	20 51	0 54	21 15	0 3	11 52	1 30	30 2	7 19	23 44	23 44	24 16		n.a.
T 20	2 57	23 31	0n11	9 11	1 54	18 17	0 19	6 7	0 2	10 33	1 46	20 52	0 54	21 15	0 3	11 53	1 30	30 2	7 19	23 44	23 44	24 16		n.a.
W21	2 34	21 14	1 24	8 29	1 51	18 4	0 14	6 24	0 1	10 36	1 46	20 52	0 54	21 16	0 3	11 54	1 30	30 2	7 20	23 44	23 44	24 16		n.a.
T 22	2 10	17 43	2 31	7 47	1 48	17 51	0 10	6 42	0 1	10 38	1 45	20 53	0 54	21 16	0 3	11 54	1 29	30 2	7 20	23 44	23 44	24 16		n.a.
F 23	1 46	13 14	3 29	7 3	1 44	17 37	0 5	6 59	0s 0	10 41	1 45	20 54	0 54	21 17	0 3	11 55	1 29	30 3	7 20	23 44	23 44	24 16		n.a.
S 24	1 21	8 8	4 15	6 19	1 40	17 23	0 0	7 16	0 1	10 43	1 45	20 55	0 54	21 17	0 3	11 55	1 29	30 3	7 20	23 44	23 44	24 15		n.a.
S 25	0 57	2 43	4 45	5 35	1 36	17 8	0n 4	7 33	0 1	10 46	1 45	20 55	0 54	21 17	0 3	11 56	1 29	30 3	7 21	23 44	23 44	24 15		n.a.
M26	0 33	2n44	4 59	4 50	1 31	16 53	0 9	7 50	0 2	10 49	1 45	20 56	0 53	21 18	0 3	11 56	1 29	30 3	7 21	23 44	23 44	24 15		n.a.
T 27	0 9	7 58	4 57	4 5	1 26	16 37	0 13	8 7	0 3	10 51	1 45	20 57	0 53	21 18	0 3	11 57	1 29	30 3	7 21	23 44	23 44	24 15		n.a.
W28	0s15	12 44	4 40	3 20	1 21	16 21	0 18	8 24	0 3	10 53	1 45	20 58	0 53	21 18	0 3	11 57	1 29	30 4	7 21	23 44	23 44	24 15		n.a.
T 29	0 39	16 52	4 9	2 35	1 16	16 4	0 22	8 41	0 4	10 56	1 44	20 58	0 53	21 19	0 3	11 58	1 29	30 4	7 22	23 44	23 44	24 14		n.a.
F 30	1s 3	20n11	3n28	1n49	1n10	15n47	0n26	8s58	0s 5	10s58	1s44	20s59	0n53	21s19	0s 3	11s58	1s29	30n 4	7n22	23s44	23s44	24n14		n.a.

Julian Day Number = 1619396.5, Delta T = 03h48m27s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'39, Lahiri = - 7°48'38 Julian Calendar 1 Sept. 280 BCE == Greg. Calendar 28 Aug. 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

OCTOBER 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 21 30	3♎37'57	28♉12	29♍48	19♌57	23♎20	6°R 5	7♐45	4♐22	2°R49	16♋ 2	29°R29	29♐54	17♊18	n.a.	S 1
S 2	0 25 26	4°38'09	10♊ 5	1♎27	21° 6	24° 3	5♓58	7°50	4°24	2♓48	16° 2	29♐26	29°51	17°25	n.a.	S 2
M 3	0 29 23	5°38'24	21°53	3° 6	22°15	24°47	5°52	7°54	4°26	2°46	16° 3	29°25	29°47	17°31	n.a.	M 3
T 4	0 33 19	6°38'40	3♋41	4°44	23°24	25°30	5°46	7°59	4°28	2°45	16° 3	29°25	29°44	17°38	n.a.	T 4
W 5	0 37 16	7°38'59	15°34	6°22	24°33	26°14	5°41	8° 3	4°31	2°44	16° 4	29°25	29°41	17°45	n.a.	W 5
T 6	0 41 13	8°39'20	27°39	8° 0	25°42	26°58	5°35	8° 8	4°33	2°42	16° 4	29°23	29°38	17°51	n.a.	T 6
F 7	0 45 9	9°39'43	10♌ 0	9°37	26°52	27°42	5°30	8°12	4°35	2°41	16° 5	29°20	29°35	17°58	n.a.	F 7
S 8	0 49 6	10°40'08	22°42	11°14	28° 2	28°25	5°24	8°17	4°38	2°40	16° 5	29°14	29°31	18° 4	n.a.	S 8
S 9	0 53 2	11°40'34	5♍47	12°51	29°11	29° 9	5°19	8°22	4°40	2°39	16° 6	29° 5	29°28	18°11	n.a.	S 9
M10	0 56 59	12°41'03	19°17	14°27	0♍22	29°53	5°14	8°27	4°43	2°37	16° 6	28°54	29°25	18°18	n.a.	M10
T 11	1 0 55	13°41'34	3♎11	16° 3	1°32	0♏37	5°10	8°32	4°45	2°36	16° 6	28°42	29°22	18°24	n.a.	T 11
W12	1 4 52	14°42'06	17°25	17°38	2°42	1°21	5° 5	8°37	4°48	2°35	16° 7	28°30	29°19	18°31	n.a.	W12
T 13	1 8 48	15°42'40	1♏52	19°13	3°52	2° 5	5° 1	8°42	4°51	2°34	16° 7	28°20	29°16	18°38	n.a.	T 13
F 14	1 12 45	16°43'16	16°26	20°48	5° 3	2°50	4°56	8°47	4°53	2°33	16° 7	28°11	29°12	18°44	n.a.	F 14
S 15	1 16 41	17°43'53	1♐ 1	22°22	6°14	3°34	4°52	8°52	4°56	2°32	16° 7	28° 6	29° 9	18°51	n.a.	S 15
S 16	1 20 38	18°44'32	15°31	23°57	7°25	4°18	4°49	8°58	4°59	2°31	16° 8	28° 3	29° 6	18°58	n.a.	S 16
M17	1 24 35	19°45'12	29°50	25°31	8°36	5° 2	4°45	9° 3	5° 2	2°30	16° 8	28°D 3	29° 3	19° 4	n.a.	M17
T 18	1 28 31	20°45'53	13♑58	27° 4	9°47	5°47	4°42	9° 8	5° 4	2°29	16° 8	28°R 3	29° 0	19°11	n.a.	T 18
W19	1 32 28	21°46'36	27°54	28°38	10°58	6°31	4°38	9°14	5° 7	2°28	16° 8	28° 3	28°57	19°18	n.a.	W19
T 20	1 36 24	22°47'19	11♒38	0♏11	12° 9	7°16	4°35	9°19	5°10	2°27	16° 8	28° 2	28°53	19°24	n.a.	T 20
F 21	1 40 21	23°48'04	25° 9	1°44	13°21	8° 0	4°32	9°25	5°13	2°26	16° 8	27°58	28°50	19°31	n.a.	F 21
S 22	1 44 17	24°48'50	8♓29	3°17	14°33	8°45	4°30	9°30	5°16	2°25	16°R 8	27°51	28°47	19°38	n.a.	S 22
S 23	1 48 14	25°49'37	21°38	4°50	15°44	9°30	4°27	9°36	5°19	2°24	16° 8	27°42	28°44	19°44	n.a.	S 23
M24	1 52 10	26°50'25	4♈34	6°22	16°56	10°14	4°25	9°42	5°22	2°23	16° 8	27°31	28°41	19°51	n.a.	M24
T 25	1 56 7	27°51'15	17°19	7°54	18° 8	10°59	4°23	9°48	5°25	2°23	16° 8	27°20	28°37	19°57	n.a.	T 25
W26	2 0 4	28°52'06	29°51	9°27	19°20	11°44	4°21	9°54	5°28	2°22	16° 8	27° 9	28°34	20° 4	n.a.	W26
T 27	2 4 0	29°52'58	12♉11	10°59	20°32	12°29	4°19	9°59	5°31	2°21	16° 8	26°59	28°31	20°11	n.a.	T 27
F 28	2 7 57	0♏53'51	24°19	12°30	21°44	13°14	4°18	10° 5	5°34	2°20	16° 8	26°52	28°28	20°17	n.a.	F 28
S 29	2 11 53	1°54'46	6♊17	14° 2	22°57	13°59	4°17	10°11	5°37	2°20	16° 7	26°47	28°25	20°24	n.a.	S 29
S 30	2 15 50	2°55'42	18° 8	15°33	24° 9	14°44	4°16	10°17	5°40	2°19	16° 7	26°44	28°22	20°31	n.a.	S 30
M31	2 19 46	3♏56'40	29♊54	17♏ 5	25♍22	15♏29	4♓15	10♐24	5♐44	2♓19	16♋ 7	26°D44	28♐18	20♊37	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s28	22n33	2n37	1n 4	1n 4	15n29	0n30	9s15	0s 5	11s 0	1s44	21s 0	0n53	21s20	0s 3	11s59	1s29	30n 4	7n22	23s44	23s44	24n14		n.a.
S 2	1 52	23 53	1 41	0 18	0 58	15 11	0 34	9 32	0 6	11 2	1 44	21 1	0 53	21 20	0 3	11 59	1 29	30 4	7 23	23 44	23 44	24 14		n.a.
M 3	2 16	24 8	0 40	0s27	0 52	14 52	0 38	9 49	0 7	11 4	1 44	21 2	0 52	21 20	0 3	12 0	1 29	30 4	7 23	23 44	23 44	24 14		n.a.
T 4	2 40	23 18	0s23	1 12	0 46	14 33	0 42	10 6	0 7	11 6	1 44	21 3	0 52	21 21	0 3	12 0	1 29	30 5	7 23	23 44	23 44	24 13		n.a.
W 5	3 4	21 24	1 25	1 57	0 40	14 13	0 46	10 22	0 8	11 8	1 43	21 4	0 52	21 21	0 3	12 1	1 29	30 5	7 23	23 44	23 44	24 13		n.a.
T 6	3 28	18 32	2 24	2 42	0 33	13 53	0 50	10 39	0 9	11 10	1 43	21 4	0 52	21 22	0 3	12 1	1 29	30 5	7 24	23 44	23 44	24 13		n.a.
F 7	3 52	14 47	3 18	3 27	0 27	13 32	0 53	10 55	0 9	11 12	1 43	21 5	0 52	21 22	0 3	12 2	1 29	30 5	7 24	23 44	23 44	24 13		n.a.
S 8	4 16	10 17	4 3	4 11	0 20	13 11	0 57	11 12	0 10	11 14	1 43	21 6	0 52	21 23	0 3	12 2	1 29	30 6	7 24	23 44	23 44	24 12		n.a.
S 9	4 40	5 12	4 37	4 55	0 14	12 50	1 0	11 28	0 11	11 16	1 43	21 7	0 51	21 23	0 3	12 2	1 29	30 6	7 25	23 44	23 44	24 12		n.a.
M10	5 4	0s16	4 57	5 39	0 7	12 28	1 4	11 45	0 11	11 17	1 42	21 8	0 51	21 24	0 3	12 3	1 29	30 6	7 25	23 43	23 44	24 12		n.a.
T 11	5 28	5 52	5 1	6 22	0 1	12 6	1 7	12 1	0 12	11 19	1 42	21 9	0 51	21 24	0 3	12 3	1 29	30 6	7 25	23 43	23 44	24 12		n.a.
W12	5 52	11 18	4 45	7 6	0s 6	11 43	1 10	12 17	0 13	11 20	1 42	21 10	0 51	21 25	0 3	12 4	1 29	30 7	7 25	23 43	23 44	24 11		n.a.
T 13	6 15	16 12	4 12	7 48	0 12	11 20	1 13	12 33	0 13	11 22	1 42	21 11	0 51	21 25	0 3	12 4	1 29	30 7	7 26	23 43	23 44	24 11		n.a.
F 14	6 39	20 10	3 22	8 30	0 19	10 57	1 16	12 49	0 14	11 23	1 41	21 12	0 51	21 26	0 3	12 4	1 29	30 7	7 26	23 43	23 44	24 11		n.a.
S 15	7 2	22 52	2 18	9 12	0 26	10 33	1 19	13 5	0 15	11 24	1 41	21 13	0 51	21 26	0 3	12 5	1 29	30 7	7 26	23 43	23 44	24 10		n.a.
S 16	7 26	24 2	1 6	9 54	0 32	10 9	1 21	13 21	0 15	11 25	1 41	21 14	0 51	21 27	0 3	12 5	1 29	30 8	7 27	23 43	23 44	24 10		n.a.
M17	7 49	23 34	0n10	10 34	0 38	9 44	1 24	13 36	0 16	11 27	1 41	21 15	0 50	21 27	0 3	12 5	1 29	30 8	7 27	23 43	23 44	24 10		n.a.
T 18	8 12	21 36	1 24	11 15	0 45	9 20	1 27	13 52	0 16	11 28	1 40	21 16	0 50	21 28	0 3	12 6	1 29	30 8	7 27	23 43	23 44	24 10		n.a.
W19	8 35	18 21	2 32	11 54	0 51	8 55	1 29	14 8	0 17	11 29	1 40	21 17	0 50	21 28	0 3	12 6	1 29	30 8	7 27	23 43	23 43	24 9		n.a.
T 20	8 58	14 8	3 30	12 34	0 57	8 29	1 31	14 23	0 18	11 29	1 40	21 18	0 50	21 29	0 3	12 6	1 29	30 9	7 28	23 43	23 43	24 9		n.a.
F 21	9 21	9 17	4 16	13 12	1 3	8 3	1 34	14 38	0 18	11 30	1 40	21 19	0 50	21 29	0 3	12 7	1 29	30 9	7 28	23 43	23 43	24 9		n.a.
S 22	9 43	4 3	4 47	13 50	1 9	7 37	1 36	14 53	0 19	11 31	1 39	21 19	0 50	21 30	0 3	12 7	1 29	30 9	7 28	23 43	23 43	24 8		n.a.
S 23	10 6	1n16	5 2	14 27	1 15	7 11	1 38	15 8	0 20	11 32	1 39	21 20	0 50	21 30	0 3	12 7	1 29	30 9	7 28	23 43	23 43	24 8		n.a.
M24	10 28	6 26	5 2	15 4	1 20	6 45	1 40	15 23	0 20	11 32	1 39	21 21	0 50	21 31	0 3	12 8	1 29	30 10	7 29	23 42	23 43	24 7		n.a.
T 25	10 50	11 16	4 46	15 40	1 26	6 18	1 41	15 38	0 21	11 33	1 38	21 22	0 49	21 31	0 3	12 8	1 29	30 10	7 29	23 42	23 43	24 7		n.a.
W26	11 12	15 33	4 16	16 15	1 31	5 51	1 43	15 53	0 22	11 33	1 38	21 23	0 49	21 32	0 3	12 8	1 29	30 10	7 29	23 42	23 43	24 7		n.a.
T 27	11 34	19 5	3 35	16 49	1 36	5 24	1 45	16 7	0 22	11 33	1 38	21 24	0 49	21 32	0 4	12 8	1 29	30 11	7 30	23 42	23 43	24 6		n.a.
F 28	11 56	21 44	2 45	17 23	1 41	4 56	1 46	16 22	0 23	11 34	1 38	21 25	0 49	21 33	0 4	12 8	1 29	30 11	7 30	23 41	23 43	24 6		n.a.
S 29	12 17	23 23	1 48	17 56	1 46	4 29	1 48	16 36	0 23	11 34	1 37	21 26	0 49	21 34	0 4	12 9	1 29	30 11	7 30	23 41	23 43	24 6		n.a.
S 30	12 38	23 57	0 46	18 27	1 51	4 1	1 49	16 50	0 24	11 34	1 37	21 27	0 49	21 34	0 4	12 9	1 29	30 11	7 30	23 41	23 43	24 5		n.a.
M31	12s59	23n27	0s17	18s58	1s55	3n33	1n50	17s 4	0s25	11s34	1s37	21s28	0n49	21s35	0s 4	12s 9	1s28	30n12	7n31	23s41	23s43	24n 5		n.a.

Julian Day Number = 1619426.5, Delta T = 03h48m26s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'34, Lahiri = - 7°48'34 Julian Calendar 1 Oct. 280 BCE == Greg. Calendar 27 Sept. 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

NOVEMBER 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 23 43	4♏57'39	11♋41	18♏35	26♍34	16♏14	4°R14	10♐30	5♐47	2°R18	16°R 7	26♐45	28♐15	20♊44	n.a.	T 1
W 2	2 27 39	5°58'39	23°33	20° 6	27°47	16°59	4♓14	10°36	5°50	2♓17	16♋ 6	26°46	28°12	20°51	n.a.	W 2
T 3	2 31 36	6°59'41	5♌35	21°37	29° 0	17°44	4°D14	10°42	5°53	2°17	16° 6	26°R47	28° 9	20°57	n.a.	T 3
F 4	2 35 33	8° 0'43	17°54	23° 7	0♎13	18°30	4°14	10°48	5°57	2°16	16° 6	26°46	28° 6	21° 4	n.a.	F 4
S 5	2 39 29	9° 1'47	0♍32	24°36	1°26	19°15	4°14	10°55	6° 0	2°16	16° 5	26°44	28° 3	21°11	n.a.	S 5
S 6	2 43 26	10° 2'53	13°36	26° 5	2°39	20° 0	4°14	11° 1	6° 3	2°16	16° 5	26°39	27°59	21°17	n.a.	S 6
M 7	2 47 22	11° 3'59	27° 8	27°34	3°52	20°46	4°15	11° 8	6° 7	2°15	16° 5	26°33	27°56	21°24	n.a.	M 7
T 8	2 51 19	12° 5'06	11♎ 7	29° 1	5° 5	21°31	4°16	11°14	6°10	2°15	16° 4	26°26	27°53	21°31	n.a.	T 8
W 9	2 55 15	13° 6'15	25°31	0♐28	6°18	22°17	4°17	11°20	6°13	2°15	16° 4	26°18	27°50	21°37	n.a.	W 9
T 10	2 59 12	14° 7'24	10♏15	1°55	7°31	23° 2	4°18	11°27	6°17	2°14	16° 3	26°12	27°47	21°44	n.a.	T 10
F 11	3 3 8	15° 8'35	25°12	3°19	8°45	23°48	4°20	11°34	6°20	2°14	16° 3	26° 7	27°43	21°50	n.a.	F 11
S 12	3 7 5	16° 9'46	10♐12	4°43	9°58	24°34	4°21	11°40	6°24	2°14	16° 2	26° 4	27°40	21°57	n.a.	S 12
S 13	3 11 2	17°10'57	25° 6	6° 5	11°12	25°19	4°23	11°47	6°27	2°14	16° 1	26°D 3	27°37	22° 4	n.a.	S 13
M14	3 14 58	18°12'09	9♑48	7°25	12°25	26° 5	4°25	11°53	6°31	2°14	16° 1	26° 3	27°34	22°10	n.a.	M14
T 15	3 18 55	19°13'22	24°13	8°43	13°39	26°51	4°28	12° 0	6°34	2°13	16° 0	26° 5	27°31	22°17	n.a.	T 15
W16	3 22 51	20°14'34	8♒18	9°59	14°52	27°37	4°30	12° 7	6°37	2°13	16° 0	26° 6	27°28	22°24	n.a.	W16
T 17	3 26 48	21°15'47	22° 3	11°11	16° 6	28°23	4°33	12°14	6°41	2°D13	15°59	26°R 7	27°24	22°30	n.a.	T 17
F 18	3 30 44	22°17'00	5♓29	12°20	17°20	29° 9	4°36	12°20	6°45	2°13	15°58	26° 6	27°21	22°37	n.a.	F 18
S 19	3 34 41	23°18'13	18°37	13°25	18°33	29°54	4°39	12°27	6°48	2°13	15°57	26° 3	27°18	22°44	n.a.	S 19
S 20	3 38 38	24°19'26	1♈29	14°26	19°47	0♐40	4°42	12°34	6°52	2°14	15°57	25°59	27°15	22°50	n.a.	S 20
M21	3 42 34	25°20'40	14° 7	15°21	21° 1	1°27	4°46	12°41	6°55	2°14	15°56	25°54	27°12	22°57	n.a.	M21
T 22	3 46 31	26°21'53	26°33	16° 9	22°15	2°13	4°49	12°48	6°59	2°14	15°55	25°49	27° 8	23° 4	n.a.	T 22
W23	3 50 27	27°23'07	8♉48	16°51	23°29	2°59	4°53	12°54	7° 2	2°14	15°54	25°44	27° 5	23°10	n.a.	W23
T 24	3 54 24	28°24'21	20°54	17°26	24°43	3°45	4°57	13° 1	7° 6	2°14	15°53	25°39	27° 2	23°17	n.a.	T 24
F 25	3 58 20	29°25'35	2♊52	17°51	25°57	4°31	5° 1	13° 8	7° 9	2°14	15°52	25°36	26°59	23°24	n.a.	F 25
S 26	4 2 17	0♐26'50	14°45	18° 7	27°11	5°17	5° 6	13°15	7°13	2°15	15°51	25°34	26°56	23°30	n.a.	S 26
S 27	4 6 13	1°28'04	26°33	18°R12	28°25	6° 4	5°11	13°22	7°17	2°15	15°51	25°D33	26°53	23°37	n.a.	S 27
M28	4 10 10	2°29'19	8♋19	18° 6	29°39	6°50	5°15	13°29	7°20	2°15	15°50	25°34	26°49	23°43	n.a.	M28
T 29	4 14 7	3°30'34	20° 8	17°49	0♏53	7°36	5°20	13°36	7°24	2°16	15°49	25°35	26°46	23°50	n.a.	T 29
W30	4 18 3	4♐31'49	2♌ 1	17♐20	2♏ 8	8♐23	5♓26	13♐43	7♐27	2♓16	15♋48	25♐37	26♐43	23♊57	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13 s20	21n53	1 s20	19 s28	1 s59	3n 5	1n51	17 s18	0 s25	11 s34	1 s36	21 s29	0n49	21 s35	0 s 4	12 s 9	1 s28	30n12	7n31	23 s41	23 s43	24n 4		n.a.
W 2	13 40	19 21	2 20	19 57	2 2	2 37	1 53	17 31	0 26	11 34	1 36	21 30	0 48	21 36	0 4	12 9	1 28	30 12	7 31	23 41	23 43	24 4		n.a.
T 3	14 1	15 58	3 14	20 25	2 6	2 8	1 53	17 45	0 26	11 34	1 36	21 31	0 48	21 36	0 4	12 10	1 28	30 13	7 32	23 41	23 43	24 4		n.a.
F 4	14 21	11 50	4 1	20 51	2 9	1 40	1 54	17 58	0 27	11 33	1 36	21 32	0 48	21 37	0 4	12 10	1 28	30 13	7 32	23 41	23 43	24 3		n.a.
S 5	14 41	7 5	4 38	21 17	2 12	1 11	1 55	18 12	0 28	11 33	1 35	21 33	0 48	21 38	0 4	12 10	1 28	30 13	7 32	23 41	23 43	24 3		n.a.
S 6	15 0	1 54	5 1	21 41	2 14	0 42	1 56	18 25	0 28	11 33	1 35	21 34	0 48	21 38	0 4	12 10	1 28	30 14	7 32	23 41	23 43	24 2		n.a.
M 7	15 20	3 s34	5 9	22 4	2 16	0 13	1 56	18 37	0 29	11 32	1 35	21 35	0 48	21 39	0 4	12 10	1 28	30 14	7 33	23 41	23 43	24 2		n.a.
T 8	15 39	9 1	4 59	22 25	2 18	0 s16	1 57	18 50	0 30	11 31	1 34	21 36	0 48	21 39	0 4	12 10	1 28	30 14	7 33	23 41	23 43	24 1		n.a.
W 9	15 58	14 10	4 30	22 45	2 19	0 45	1 57	19 3	0 30	11 31	1 34	21 37	0 48	21 40	0 4	12 10	1 28	30 15	7 33	23 41	23 43	24 1		n.a.
T 10	16 16	18 35	3 43	23 4	2 19	1 14	1 57	19 15	0 31	11 30	1 34	21 38	0 48	21 41	0 4	12 10	1 28	30 15	7 33	23 40	23 43	24 1		n.a.
F 11	16 34	21 53	2 40	23 21	2 19	1 43	1 57	19 27	0 31	11 29	1 33	21 39	0 48	21 41	0 4	12 10	1 28	30 15	7 34	23 40	23 43	24 0		n.a.
S 12	16 52	23 39	1 25	23 36	2 19	2 12	1 58	19 39	0 32	11 28	1 33	21 40	0 47	21 42	0 4	12 10	1 28	30 16	7 34	23 40	23 42	24 0		n.a.
S 13	17 10	23 43	0 5	23 50	2 17	2 41	1 58	19 51	0 32	11 27	1 33	21 41	0 47	21 42	0 4	12 10	1 28	30 16	7 34	23 40	23 42	23 59		n.a.
M14	17 27	22 8	1n14	24 2	2 15	3 10	1 57	20 3	0 33	11 26	1 33	21 42	0 47	21 43	0 4	12 10	1 28	30 16	7 35	23 40	23 42	23 59		n.a.
T 15	17 44	19 6	2 28	24 12	2 13	3 39	1 57	20 14	0 34	11 25	1 32	21 43	0 47	21 44	0 4	12 10	1 28	30 17	7 35	23 40	23 42	23 58		n.a.
W16	18 1	15 1	3 30	24 21	2 9	4 8	1 57	20 25	0 34	11 24	1 32	21 44	0 47	21 44	0 4	12 10	1 28	30 17	7 35	23 40	23 42	23 58		n.a.
T 17	18 18	10 14	4 19	24 27	2 5	4 37	1 57	20 36	0 35	11 23	1 32	21 45	0 47	21 45	0 4	12 10	1 28	30 17	7 35	23 40	23 42	23 57		n.a.
F 18	18 34	5 5	4 53	24 32	2 0	5 6	1 56	20 47	0 35	11 21	1 31	21 46	0 47	21 45	0 4	12 10	1 28	30 18	7 36	23 40	23 42	23 57		n.a.
S 19	18 49	0n11	5 10	24 34	1 54	5 35	1 56	20 58	0 36	11 20	1 31	21 47	0 47	21 46	0 4	12 10	1 28	30 18	7 36	23 40	23 42	23 56		n.a.
S 20	19 5	5 20	5 11	24 34	1 46	6 3	1 55	21 8	0 36	11 18	1 31	21 48	0 47	21 47	0 4	12 10	1 28	30 18	7 36	23 40	23 42	23 56		n.a.
M21	19 20	10 11	4 57	24 32	1 38	6 32	1 54	21 18	0 37	11 17	1 30	21 49	0 47	21 47	0 4	12 10	1 28	30 19	7 36	23 40	23 42	23 55		n.a.
T 22	19 34	14 32	4 29	24 28	1 28	7 1	1 54	21 28	0 38	11 15	1 30	21 50	0 46	21 48	0 4	12 10	1 28	30 19	7 37	23 40	23 42	23 55		n.a.
W23	19 49	18 13	3 49	24 21	1 18	7 29	1 53	21 38	0 38	11 13	1 30	21 51	0 46	21 49	0 4	12 10	1 28	30 19	7 37	23 40	23 42	23 54		n.a.
T 24	20 3	21 4	2 59	24 13	1 6	7 57	1 52	21 47	0 39	11 12	1 30	21 52	0 46	21 49	0 4	12 10	1 28	30 20	7 37	23 39	23 42	23 54		n.a.
F 25	20 16	22 58	2 2	24 2	0 52	8 25	1 51	21 57	0 39	11 10	1 29	21 53	0 46	21 50	0 4	12 10	1 27	30 20	7 37	23 39	23 42	23 53		n.a.
S 26	20 29	23 50	0 59	23 49	0 37	8 53	1 50	22 6	0 40	11 8	1 29	21 54	0 46	21 50	0 4	12 10	1 27	30 20	7 37	23 39	23 42	23 53		n.a.
S 27	20 42	23 36	0 s 5	23 33	0 21	9 21	1 48	22 14	0 40	11 6	1 29	21 55	0 46	21 51	0 4	12 9	1 27	30 21	7 38	23 39	23 41	23 52		n.a.
M28	20 55	22 18	1 10	23 15	0 4	9 49	1 47	22 23	0 41	11 4	1 28	21 56	0 46	21 52	0 4	12 9	1 27	30 21	7 38	23 39	23 41	23 51		n.a.
T 29	21 7	20 2	2 12	22 56	0n14	10 16	1 46	22 31	0 41	11 2	1 28	21 57	0 46	21 52	0 4	12 9	1 27	30 21	7 38	23 39	23 41	23 51		n.a.
W30	21 s18	16n54	3 s 8	22 s34	0n33	10 s43	1n45	22 s39	0 s42	11 s 0	1 s28	21 s58	0n46	21 s53	0 s 4	12 s 9	1 s27	30n22	7n38	23 s39	23 s41	23n50		n.a.

Julian Day Number = 1619457.5, Delta T = 03h48m25s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'30, Lahiri = - 7°48'30 Julian Calendar 1 Nov. 280 BCE == Greg. Calendar 28 Oct. 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 280 BCE
geocentric

DECEMBER 280 BCE (-279) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 22 0	5♐33'05	14♌ 3	16°R39	3♏22	9♐ 9	5♓31	13♐50	7♐31	2♓17	15°R47	25♐39	26♐40	24♊ 3	n.a.	T 1
F 2	4 25 56	6°34'20	26°19	15♐47	4°36	9°56	5°36	13°57	7°35	2°17	15♋46	25°40	26°37	24°10	n.a.	F 2
S 3	4 29 53	7°35'36	8♍54	14°45	5°50	10°42	5°42	14° 4	7°38	2°18	15°45	25°R40	26°34	24°17	n.a.	S 3
S 4	4 33 49	8°36'52	21°51	13°35	7° 5	11°29	5°48	14°11	7°42	2°18	15°43	25°40	26°30	24°23	n.a.	S 4
M 5	4 37 46	9°38'08	5♎14	12°19	8°19	12°15	5°54	14°18	7°45	2°19	15°42	25°39	26°27	24°30	n.a.	M 5
T 6	4 41 42	10°39'24	19° 5	10°59	9°33	13° 2	6° 0	14°25	7°49	2°19	15°41	25°37	26°24	24°37	n.a.	T 6
W 7	4 45 39	11°40'40	3♏23	9°39	10°48	13°48	6° 7	14°32	7°53	2°20	15°40	25°35	26°21	24°43	n.a.	W 7
T 8	4 49 36	12°41'56	18° 6	8°20	12° 2	14°35	6°13	14°39	7°56	2°21	15°39	25°33	26°18	24°50	n.a.	T 8
F 9	4 53 32	13°43'12	3♐ 8	7° 5	13°16	15°22	6°20	14°47	8° 0	2°22	15°38	25°32	26°14	24°57	n.a.	F 9
S 10	4 57 29	14°44'27	18°19	5°56	14°31	16° 8	6°27	14°54	8° 3	2°22	15°37	25°D31	26°11	25° 3	n.a.	S 10
S 11	5 1 25	15°45'42	3♑32	4°54	15°45	16°55	6°34	15° 1	8° 7	2°23	15°35	25°31	26° 8	25°10	n.a.	S 11
M12	5 5 22	16°46'57	18°35	4° 2	17° 0	17°42	6°41	15° 8	8°11	2°24	15°34	25°32	26° 5	25°16	n.a.	M12
T 13	5 9 18	17°48'11	3♒20	3°19	18°14	18°29	6°49	15°15	8°14	2°25	15°33	25°32	26° 2	25°23	n.a.	T 13
W14	5 13 15	18°49'24	17°44	2°45	19°29	19°16	6°56	15°22	8°18	2°26	15°32	25°33	25°59	25°30	n.a.	W14
T 15	5 17 12	19°50'36	1♓41	2°22	20°43	20° 2	7° 4	15°29	8°21	2°27	15°31	25°34	25°55	25°36	n.a.	T 15
F 16	5 21 8	20°51'47	15°13	2° 7	21°58	20°49	7°12	15°36	8°25	2°28	15°29	25°R34	25°52	25°43	n.a.	F 16
S 17	5 25 5	21°52'57	28°21	2°D 2	23°12	21°36	7°20	15°43	8°28	2°29	15°28	25°34	25°49	25°50	n.a.	S 17
S 18	5 29 1	22°54'06	11♈ 8	2° 5	24°27	22°23	7°28	15°50	8°32	2°30	15°27	25°34	25°46	25°56	n.a.	S 18
M19	5 32 58	23°55'15	23°36	2°16	25°41	23°10	7°36	15°57	8°36	2°31	15°25	25°33	25°43	26° 3	n.a.	M19
T 20	5 36 54	24°56'22	5♉50	2°34	26°56	23°57	7°45	16° 4	8°39	2°32	15°24	25°33	25°40	26°10	n.a.	T 20
W21	5 40 51	25°57'28	17°53	2°59	28°10	24°44	7°53	16°11	8°43	2°33	15°23	25°D33	25°36	26°16	n.a.	W21
T 22	5 44 47	26°58'33	29°49	3°30	29°25	25°31	8° 2	16°18	8°46	2°34	15°21	25°33	25°33	26°23	n.a.	T 22
F 23	5 48 44	27°59'38	11♊39	4° 6	0♐39	26°18	8°11	16°25	8°49	2°35	15°20	25°34	25°30	26°30	n.a.	F 23
S 24	5 52 41	29° 0'41	23°27	4°47	1°54	27° 5	8°20	16°32	8°53	2°36	15°19	25°R34	25°27	26°36	n.a.	S 24
S 25	5 56 37	0♑ 1'44	5♋15	5°33	3° 8	27°52	8°29	16°39	8°56	2°38	15°17	25°34	25°24	26°43	n.a.	S 25
M26	6 0 34	1° 2'45	17° 5	6°23	4°23	28°39	8°38	16°46	9° 0	2°39	15°16	25°33	25°20	26°50	n.a.	M26
T 27	6 4 30	2° 3'45	28°59	7°16	5°38	29°26	8°48	16°53	9° 3	2°40	15°15	25°33	25°17	26°56	n.a.	T 27
W28	6 8 27	3° 4'45	10♌58	8°13	6°52	0♑13	8°57	17° 0	9° 7	2°42	15°13	25°32	25°14	27° 3	n.a.	W28
T 29	6 12 23	4° 5'43	23° 7	9°12	8° 7	1° 1	9° 7	17° 7	9°10	2°43	15°12	25°30	25°11	27° 9	n.a.	T 29
F 30	6 16 20	5° 6'41	5♍28	10°15	9°21	1°48	9°16	17°14	9°13	2°44	15°10	25°29	25° 8	27°16	n.a.	F 30
S 31	6 20 16	6♑ 7'37	18♍ 3	11♐20	10♐36	2♑35	9♓26	17♐20	9♐17	2♓46	15♋ 9	25♐28	25♐ 5	27♊23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21 s29	13n 2	3 s57	22 s10	0n53	11 s10	1n43	22 s47	0 s42	10 s57	1 s28	21 s59	0n46	21 s53	0 s 4	12 s 9	1 s27	30n22	7n39	23 s39	23 s41	23n50			n.a.
F 2	21 40	8 34	4 36	21 45	1 13	11 37	1 42	22 55	0 43	10 55	1 27	22 0	0 46	21 54	0 4	12 8	1 27	30 23	7 39	23 39	23 41	23 49			n.a.
S 3	21 50	3 39	5 3	21 18	1 33	12 3	1 40	23 2	0 43	10 53	1 27	22 1	0 46	21 55	0 4	12 8	1 27	30 23	7 39	23 39	23 41	23 49			n.a.
S 4	22 0	1 s34	5 16	20 51	1 52	12 30	1 38	23 9	0 44	10 50	1 27	22 2	0 45	21 55	0 4	12 8	1 27	30 23	7 39	23 39	23 41	23 48			n.a.
M 5	22 10	6 52	5 12	20 24	2 10	12 55	1 37	23 16	0 44	10 48	1 26	22 3	0 45	21 56	0 4	12 8	1 27	30 24	7 39	23 39	23 41	23 47			n.a.
T 6	22 19	12 2	4 51	19 57	2 27	13 21	1 35	23 23	0 45	10 45	1 26	22 3	0 45	21 56	0 4	12 7	1 27	30 24	7 40	23 39	23 41	23 47			n.a.
W 7	22 27	16 43	4 11	19 31	2 41	13 46	1 33	23 29	0 45	10 42	1 26	22 4	0 45	21 57	0 4	12 7	1 27	30 24	7 40	23 39	23 41	23 46			n.a.
T 8	22 36	20 31	3 13	19 6	2 53	14 11	1 31	23 35	0 46	10 40	1 26	22 5	0 45	21 58	0 4	12 7	1 27	30 25	7 40	23 39	23 41	23 45			n.a.
F 9	22 43	23 1	2 1	18 44	3 3	14 36	1 29	23 41	0 46	10 37	1 25	22 6	0 45	21 58	0 4	12 7	1 27	30 25	7 40	23 39	23 40	23 45			n.a.
S 10	22 51	23 52	0 40	18 25	3 11	15 0	1 27	23 46	0 47	10 34	1 25	22 7	0 45	21 59	0 4	12 6	1 27	30 25	7 40	23 39	23 40	23 44			n.a.
S 11	22 57	22 57	0n44	18 10	3 16	15 24	1 25	23 52	0 47	10 31	1 25	22 8	0 45	21 59	0 4	12 6	1 27	30 26	7 41	23 39	23 40	23 44			n.a.
M12	23 4	20 22	2 5	17 57	3 19	15 47	1 23	23 57	0 48	10 28	1 24	22 9	0 45	22 0	0 4	12 6	1 27	30 26	7 41	23 39	23 40	23 43			n.a.
T 13	23 10	16 29	3 15	17 48	3 20	16 10	1 21	24 1	0 48	10 25	1 24	22 10	0 45	22 1	0 4	12 5	1 27	30 26	7 41	23 39	23 40	23 42			n.a.
W14	23 15	11 43	4 12	17 43	3 19	16 33	1 19	24 6	0 49	10 22	1 24	22 10	0 45	22 1	0 4	12 5	1 27	30 27	7 41	23 39	23 40	23 42			n.a.
T 15	23 20	6 28	4 51	17 41	3 16	16 55	1 17	24 10	0 49	10 19	1 24	22 11	0 45	22 2	0 4	12 4	1 27	30 27	7 41	23 39	23 40	23 41			n.a.
F 16	23 25	1 5	5 13	17 42	3 12	17 17	1 14	24 14	0 50	10 16	1 23	22 12	0 45	22 2	0 4	12 4	1 27	30 27	7 42	23 39	23 40	23 40			n.a.
S 17	23 29	4n11	5 18	17 47	3 6	17 38	1 12	24 18	0 50	10 12	1 23	22 13	0 45	22 3	0 4	12 4	1 27	30 28	7 42	23 39	23 40	23 40			n.a.
S 18	23 32	9 8	5 6	17 53	3 0	17 59	1 10	24 21	0 51	10 9	1 23	22 14	0 45	22 3	0 4	12 3	1 27	30 28	7 42	23 39	23 40	23 39			n.a.
M19	23 35	13 37	4 41	18 3	2 53	18 19	1 7	24 24	0 51	10 6	1 23	22 14	0 44	22 4	0 4	12 3	1 26	30 28	7 42	23 39	23 39	23 38			n.a.
T 20	23 38	17 26	4 3	18 14	2 45	18 39	1 5	24 27	0 51	10 2	1 22	22 15	0 44	22 5	0 4	12 2	1 26	30 29	7 42	23 39	23 39	23 38			n.a.
W21	23 40	20 29	3 15	18 27	2 37	18 59	1 2	24 29	0 52	9 59	1 22	22 16	0 44	22 5	0 4	12 2	1 26	30 29	7 42	23 39	23 39	23 37			n.a.
T 22	23 42	22 36	2 18	18 41	2 28	19 18	1 0	24 31	0 52	9 55	1 22	22 17	0 44	22 6	0 4	12 1	1 26	30 29	7 43	23 39	23 39	23 36			n.a.
F 23	23 43	23 43	1 17	18 57	2 19	19 36	0 57	24 33	0 53	9 52	1 22	22 18	0 44	22 6	0 4	12 1	1 26	30 29	7 43	23 39	23 39	23 36			n.a.
S 24	23 43	23 46	0 12	19 14	2 10	19 54	0 55	24 35	0 53	9 48	1 21	22 18	0 44	22 7	0 4	12 1	1 26	30 30	7 43	23 39	23 39	23 35			n.a.
S 25	23 44	22 44	0 s54	19 31	2 0	20 11	0 52	24 36	0 54	9 44	1 21	22 19	0 44	22 7	0 4	12 0	1 26	30 30	7 43	23 39	23 39	23 34			n.a.
M26	23 43	20 41	1 57	19 49	1 51	20 28	0 50	24 37	0 54	9 41	1 21	22 20	0 44	22 8	0 4	12 0	1 26	30 30	7 43	23 39	23 39	23 33			n.a.
T 27	23 43	17 45	2 55	20 7	1 41	20 44	0 47	24 38	0 54	9 37	1 21	22 21	0 44	22 8	0 4	11 59	1 26	30 31	7 43	23 39	23 39	23 33			n.a.
W28	23 42	14 3	3 47	20 26	1 31	20 59	0 45	24 38	0 55	9 33	1 21	22 21	0 44	22 9	0 4	11 59	1 26	30 31	7 43	23 39	23 39	23 32			n.a.
T 29	23 40	9 45	4 28	20 45	1 22	21 14	0 42	24 39	0 55	9 29	1 20	22 22	0 44	22 10	0 4	11 58	1 26	30 31	7 43	23 39	23 38	23 31			n.a.
F 30	23 38	5 0	4 58	21 4	1 12	21 28	0 39	24 39	0 56	9 25	1 20	22 23	0 44	22 10	0 4	11 57	1 26	30 32	7 44	23 39	23 38	23 30			n.a.
S 31	23 s35	0 s 3	5 s15	21 s22	1n 3	21 s42	0n37	24 s38	0 s56	9 s21	1 s20	22 s23	0n44	22 s11	0 s 4	11 s57	1 s26	30n32	7n44	23 s39	23 s38	23n30			n.a.

Julian Day Number = 1619487.5, Delta T = 03h48m24s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'26, Lahiri = - 7°48'26 Julian Calendar 1 Dec. 280 BCE == Greg. Calendar 27 Nov. 280 BCE

The year -279 astronomical counting style corresponds to year 280 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

JANUARY 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 24 13	7♑ 8'33	0♎57	12♐27	11♐50	3♑22	9♓36	17♐27	9♐20	2♓47	15°R 8	25°R28	25♐ 1	27♊29	n.a.	S 1
M 2	6 28 10	8° 9'28	14°11	13°37	13° 5	4° 9	9°46	17°34	9°23	2°49	15♋ 6	25°D28	24°58	27°36	n.a.	M 2
T 3	6 32 6	9°10'22	27°50	14°48	14°20	4°56	9°57	17°41	9°26	2°50	15° 5	25♐28	24°55	27°43	n.a.	T 3
W 4	6 36 3	10°11'14	11♏53	16° 1	15°34	5°44	10° 7	17°47	9°30	2°52	15° 3	25°29	24°52	27°49	n.a.	W 4
T 5	6 39 59	11°12'06	26°20	17°16	16°49	6°31	10°18	17°54	9°33	2°53	15° 2	25°30	24°49	27°56	n.a.	T 5
F 6	6 43 56	12°12'57	11♐ 9	18°32	18° 3	7°18	10°28	18° 1	9°36	2°55	15° 1	25°31	24°46	28° 3	n.a.	F 6
S 7	6 47 52	13°13'47	26°13	19°50	19°18	8° 5	10°39	18° 7	9°39	2°56	14°59	25°R32	24°42	28° 9	n.a.	S 7
S 8	6 51 49	14°14'35	11♑24	21° 9	20°33	8°53	10°50	18°14	9°42	2°58	14°58	25°31	24°39	28°16	n.a.	S 8
M 9	6 55 46	15°15'22	26°33	22°30	21°47	9°40	11° 1	18°21	9°46	3° 0	14°56	25°30	24°36	28°23	n.a.	M 9
T 10	6 59 42	16°16'07	11♒30	23°51	23° 2	10°27	11°12	18°27	9°49	3° 1	14°55	25°27	24°33	28°29	n.a.	T 10
W11	7 3 39	17°16'51	26° 7	25°14	24°16	11°14	11°23	18°34	9°52	3° 3	14°53	25°24	24°30	28°36	n.a.	W11
T 12	7 7 35	18°17'33	10♓19	26°38	25°31	12° 2	11°34	18°40	9°55	3° 5	14°52	25°21	24°26	28°43	n.a.	T 12
F 13	7 11 32	19°18'12	24° 2	28° 3	26°46	12°49	11°45	18°47	9°58	3° 6	14°50	25°18	24°23	28°49	n.a.	F 13
S 14	7 15 28	20°18'51	7♈18	29°29	28° 0	13°36	11°57	18°53	10° 1	3° 8	14°49	25°16	24°20	28°56	n.a.	S 14
S 15	7 19 25	21°19'27	20° 8	0♑57	29°15	14°24	12° 8	18°59	10° 4	3°10	14°48	25°D16	24°17	29° 2	n.a.	S 15
M16	7 23 21	22°20'01	2♉36	2°25	0♑29	15°11	12°20	19° 6	10° 7	3°12	14°46	25°16	24°14	29° 9	n.a.	M16
T 17	7 27 18	23°20'33	14°46	3°54	1°44	15°58	12°31	19°12	10° 9	3°14	14°45	25°18	24°11	29°16	n.a.	T 17
W18	7 31 15	24°21'04	26°45	5°24	2°58	16°45	12°43	19°18	10°12	3°15	14°43	25°19	24° 7	29°22	n.a.	W18
T 19	7 35 11	25°21'33	8♊35	6°55	4°13	17°33	12°55	19°24	10°15	3°17	14°42	25°21	24° 4	29°29	n.a.	T 19
F 20	7 39 8	26°21'59	20°22	8°27	5°27	18°20	13° 7	19°31	10°18	3°19	14°41	25°R22	24° 1	29°36	n.a.	F 20
S 21	7 43 4	27°22'24	2♋ 9	10° 0	6°42	19° 7	13°19	19°37	10°21	3°21	14°39	25°22	23°58	29°42	n.a.	S 21
S 22	7 47 1	28°22'47	13°58	11°34	7°56	19°55	13°31	19°43	10°23	3°23	14°38	25°20	23°55	29°49	n.a.	S 22
M23	7 50 57	29°23'08	25°54	13° 9	9°11	20°42	13°43	19°49	10°26	3°25	14°36	25°17	23°52	29°56	n.a.	M23
T 24	7 54 54	0♒23'27	7♌57	14°45	10°25	21°29	13°56	19°55	10°29	3°27	14°35	25°12	23°48	0♋ 2	n.a.	T 24
W25	7 58 50	1°23'44	20° 9	16°22	11°40	22°16	14° 8	20° 1	10°31	3°29	14°34	25° 6	23°45	0° 9	n.a.	W25
T 26	8 2 47	2°24'00	2♍31	18° 0	12°54	23° 4	14°20	20° 6	10°34	3°31	14°32	24°59	23°42	0°16	n.a.	T 26
F 27	8 6 44	3°24'13	15° 4	19°39	14° 9	23°51	14°33	20°12	10°36	3°33	14°31	24°52	23°39	0°22	n.a.	F 27
S 28	8 10 40	4°24'25	27°50	21°19	15°23	24°38	14°45	20°18	10°39	3°35	14°30	24°46	23°36	0°29	n.a.	S 28
S 29	8 14 37	5°24'36	10♎50	23° 0	16°38	25°25	14°58	20°24	10°41	3°37	14°28	24°42	23°32	0°36	n.a.	S 29
M30	8 18 33	6°24'44	24° 6	24°42	17°52	26°13	15°11	20°29	10°44	3°39	14°27	24°39	23°29	0°42	n.a.	M30
T 31	8 22 30	7♒24'51	7♏38	26♑25	19♑ 7	27♑ 0	15♓24	20♐35	10♐46	3♓41	14♋26	24°D38	23♐26	0♋49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23 s32	5 s12	5 s16	21 s41	0n54	21 s55	0n34	24 s37	0 s56	9 s17	1 s20	22 s24	0n44	22 s11	0 s 4	11 s56	1 s26	30n32	7n44	23 s39	23 s38	23n29			n.a.
M 2	23 28	10 16	5 1	21 59	0 44	22 8	0 31	24 36	0 57	9 13	1 19	22 25	0 44	22 12	0 4	11 56	1 26	30 32	7 44	23 39	23 38	23 28			n.a.
T 3	23 24	14 59	4 28	22 16	0 35	22 19	0 29	24 35	0 57	9 9	1 19	22 26	0 44	22 12	0 4	11 55	1 26	30 33	7 44	23 39	23 38	23 27			n.a.
W 4	23 20	19 3	3 39	22 33	0 26	22 31	0 26	24 34	0 57	9 5	1 19	22 26	0 44	22 13	0 4	11 55	1 26	30 33	7 44	23 39	23 38	23 27			n.a.
T 5	23 15	22 5	2 35	22 49	0 18	22 41	0 23	24 32	0 58	9 1	1 19	22 27	0 44	22 13	0 4	11 54	1 26	30 33	7 44	23 39	23 38	23 26			n.a.
F 6	23 10	23 41	1 19	23 5	0 9	22 51	0 20	24 29	0 58	8 57	1 19	22 28	0 44	22 14	0 4	11 53	1 26	30 33	7 44	23 39	23 37	23 25			n.a.
S 7	23 4	23 37	0n 4	23 19	0 1	23 0	0 18	24 27	0 58	8 52	1 18	22 28	0 43	22 14	0 4	11 53	1 26	30 34	7 44	23 39	23 37	23 24			n.a.
S 8	22 57	21 48	1 27	23 33	0 s 8	23 8	0 15	24 24	0 59	8 48	1 18	22 29	0 43	22 15	0 4	11 52	1 26	30 34	7 44	23 39	23 37	23 24			n.a.
M 9	22 51	18 26	2 43	23 46	0 16	23 16	0 12	24 21	0 59	8 43	1 18	22 29	0 43	22 15	0 4	11 52	1 26	30 34	7 45	23 39	23 37	23 23			n.a.
T 10	22 43	13 54	3 48	23 58	0 23	23 23	0 10	24 18	0 59	8 39	1 18	22 30	0 43	22 16	0 4	11 51	1 26	30 34	7 45	23 39	23 37	23 22			n.a.
W11	22 36	8 39	4 35	24 9	0 31	23 29	0 7	24 14	1 0	8 35	1 18	22 31	0 43	22 16	0 4	11 50	1 26	30 35	7 45	23 39	23 37	23 21			n.a.
T 12	22 28	3 6	5 5	24 19	0 38	23 35	0 4	24 10	1 0	8 30	1 17	22 31	0 43	22 16	0 4	11 50	1 26	30 35	7 45	23 39	23 37	23 20			n.a.
F 13	22 19	2n25	5 15	24 28	0 45	23 40	0 2	24 6	1 0	8 26	1 17	22 32	0 43	22 17	0 4	11 49	1 26	30 35	7 45	23 39	23 36	23 19			n.a.
S 14	22 10	7 38	5 8	24 36	0 52	23 44	0 s 1	24 2	1 1	8 21	1 17	22 32	0 43	22 17	0 4	11 48	1 26	30 35	7 45	23 39	23 36	23 19			n.a.
S 15	22 1	12 22	4 46	24 42	0 59	23 47	0 4	23 57	1 1	8 16	1 17	22 33	0 43	22 18	0 4	11 48	1 26	30 36	7 45	23 39	23 36	23 18			n.a.
M16	21 51	16 26	4 11	24 48	1 5	23 50	0 6	23 52	1 1	8 12	1 17	22 34	0 43	22 18	0 4	11 47	1 26	30 36	7 45	23 39	23 36	23 17			n.a.
T 17	21 41	19 43	3 25	24 51	1 11	23 52	0 9	23 47	1 1	8 7	1 17	22 34	0 43	22 19	0 4	11 46	1 26	30 36	7 45	23 39	23 36	23 16			n.a.
W18	21 30	22 7	2 31	24 54	1 17	23 53	0 11	23 41	1 2	8 2	1 16	22 35	0 43	22 19	0 4	11 46	1 26	30 36	7 45	23 39	23 36	23 15			n.a.
T 19	21 19	23 30	1 31	24 55	1 23	23 54	0 14	23 35	1 2	7 58	1 16	22 35	0 43	22 20	0 4	11 45	1 26	30 36	7 45	23 39	23 36	23 14			n.a.
F 20	21 8	23 50	0 27	24 55	1 28	23 53	0 17	23 29	1 2	7 53	1 16	22 36	0 43	22 20	0 4	11 44	1 26	30 37	7 45	23 39	23 35	23 14			n.a.
S 21	20 56	23 6	0s37	24 53	1 33	23 52	0 19	23 23	1 2	7 48	1 16	22 36	0 43	22 20	0 4	11 43	1 25	30 37	7 45	23 39	23 35	23 13			n.a.
S 22	20 44	21 20	1 40	24 50	1 37	23 51	0 22	23 16	1 3	7 43	1 16	22 37	0 43	22 21	0 4	11 43	1 25	30 37	7 45	23 39	23 35	23 12			n.a.
M23	20 32	18 37	2 39	24 45	1 42	23 48	0 24	23 9	1 3	7 38	1 16	22 37	0 43	22 21	0 4	11 42	1 25	30 37	7 45	23 39	23 35	23 11			n.a.
T 24	20 19	15 6	3 32	24 39	1 45	23 45	0 26	23 2	1 3	7 33	1 15	22 38	0 43	22 22	0 4	11 41	1 25	30 37	7 45	23 38	23 35	23 10			n.a.
W25	20 5	10 55	4 15	24 31	1 49	23 41	0 29	22 54	1 3	7 28	1 15	22 38	0 43	22 22	0 4	11 40	1 25	30 38	7 45	23 38	23 35	23 9			n.a.
T 26	19 52	6 14	4 47	24 21	1 52	23 37	0 31	22 47	1 4	7 23	1 15	22 39	0 43	22 22	0 4	11 40	1 25	30 38	7 45	23 38	23 35	23 8			n.a.
F 27	19 38	1 15	5 6	24 10	1 55	23 31	0 34	22 39	1 4	7 18	1 15	22 39	0 43	22 23	0 4	11 39	1 25	30 38	7 45	23 38	23 34	23 7			n.a.
S 28	19 23	3 s52	5 10	23 57	1 58	23 25	0 36	22 30	1 4	7 13	1 15	22 40	0 43	22 23	0 4	11 38	1 25	30 38	7 45	23 37	23 34	23 7			n.a.
S 29	19 9	8 54	4 58	23 43	2 0	23 19	0 38	22 22	1 4	7 8	1 15	22 40	0 43	22 24	0 4	11 37	1 25	30 38	7 45	23 37	23 34	23 6			n.a.
M30	18 54	13 38	4 31	23 26	2 2	23 11	0 40	22 13	1 4	7 3	1 15	22 40	0 43	22 24	0 4	11 37	1 25	30 38	7 45	23 37	23 34	23 5			n.a.
T 31	18 s38	17 s48	3 s47	23 s 8	2 s 3	23 s 3	0 s42	22 s 4	1 s 5	6 s58	1 s14	22 s41	0n43	22 s24	0 s 4	11 s36	1 s25	30n39	7n45	23 s37	23 s34	23n 4			n.a.

Julian Day Number = 1619518.5, Delta T = 03h48m23s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'22, Lahiri = - 7°48'21 Julian Calendar 1 Jan. 279 BCE == Greg. Calendar 28 Dec. 280 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

FEBRUARY 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 26 26	8♒24'57	21♏29	28♑ 9	20♑21	27♑47	15♓36	20♐40	10♐48	3♓43	14°R24	24♐39	23♐23	0♋55	n.a.	W 1
T 2	8 30 23	9°25'00	5♐39	29°54	21°36	28°34	15°49	20°46	10°51	3°45	14♋23	24°40	23°20	1° 2	n.a.	T 2
F 3	8 34 19	10°25'03	20° 6	1♒40	22°50	29°22	16° 2	20°51	10°53	3°47	14°22	24°R41	23°17	1° 9	n.a.	F 3
S 4	8 38 16	11°25'03	4♑49	3°28	24° 5	0♒ 9	16°15	20°57	10°55	3°50	14°21	24°41	23°13	1°15	n.a.	S 4
S 5	8 42 13	12°25'01	19°42	5°16	25°19	0°56	16°28	21° 2	10°57	3°52	14°19	24°38	23°10	1°22	n.a.	S 5
M 6	8 46 9	13°24'58	4♒37	7° 6	26°33	1°43	16°42	21° 7	11° 0	3°54	14°18	24°34	23° 7	1°29	n.a.	M 6
T 7	8 50 6	14°24'53	19°27	8°56	27°48	2°30	16°55	21°12	11° 2	3°56	14°17	24°27	23° 4	1°35	n.a.	T 7
W 8	8 54 2	15°24'45	4♓ 3	10°48	29° 2	3°17	17° 8	21°17	11° 4	3°58	14°16	24°19	23° 1	1°42	n.a.	W 8
T 9	8 57 59	16°24'35	18°18	12°41	0♒17	4° 4	17°21	21°22	11° 6	4° 0	14°14	24°10	22°58	1°49	n.a.	T 9
F 10	9 1 55	17°24'23	2♈ 8	14°35	1°31	4°52	17°35	21°27	11° 8	4° 3	14°13	24° 2	22°54	1°55	n.a.	F 10
S 11	9 5 52	18°24'09	15°30	16°30	2°45	5°39	17°48	21°32	11°10	4° 5	14°12	23°56	22°51	2° 2	n.a.	S 11
S 12	9 9 48	19°23'52	28°25	18°26	4° 0	6°26	18° 2	21°37	11°11	4° 7	14°11	23°51	22°48	2° 9	n.a.	S 12
M13	9 13 45	20°23'33	10♉57	20°23	5°14	7°13	18°15	21°42	11°13	4° 9	14°10	23°49	22°45	2°15	n.a.	M13
T 14	9 17 41	21°23'11	23° 9	22°21	6°29	8° 0	18°29	21°47	11°15	4°11	14° 9	23°D48	22°42	2°22	n.a.	T 14
W15	9 21 38	22°22'48	5♊ 8	24°20	7°43	8°47	18°42	21°51	11°17	4°14	14° 8	23°49	22°38	2°29	n.a.	W15
T 16	9 25 35	23°22'21	16°58	26°20	8°57	9°34	18°56	21°56	11°18	4°16	14° 7	23°50	22°35	2°35	n.a.	T 16
F 17	9 29 31	24°21'53	28°44	28°20	10°12	10°21	19°10	22° 0	11°20	4°18	14° 6	23°R50	22°32	2°42	n.a.	F 17
S 18	9 33 28	25°21'22	10♋32	0♓20	11°26	11° 8	19°23	22° 5	11°22	4°20	14° 5	23°48	22°29	2°48	n.a.	S 18
S 19	9 37 24	26°20'49	22°26	2°21	12°40	11°54	19°37	22° 9	11°23	4°23	14° 4	23°44	22°26	2°55	n.a.	S 19
M20	9 41 21	27°20'13	4♌29	4°22	13°54	12°41	19°51	22°13	11°25	4°25	14° 3	23°38	22°23	3° 2	n.a.	M20
T 21	9 45 17	28°19'35	16°43	6°22	15° 9	13°28	20° 5	22°17	11°26	4°27	14° 2	23°29	22°19	3° 8	n.a.	T 21
W22	9 49 14	29°18'55	29° 9	8°22	16°23	14°15	20°19	22°21	11°28	4°29	14° 1	23°18	22°16	3°15	n.a.	W22
T 23	9 53 10	0♓18'13	11♍49	10°22	17°37	15° 2	20°32	22°25	11°29	4°32	14° 0	23° 6	22°13	3°22	n.a.	T 23
F 24	9 57 7	1°17'29	24°42	12°20	18°51	15°49	20°46	22°29	11°30	4°34	13°59	22°54	22°10	3°28	n.a.	F 24
S 25	10 1 4	2°16'42	7♎47	14°16	20° 6	16°35	21° 0	22°33	11°31	4°36	13°58	22°43	22° 7	3°35	n.a.	S 25
S 26	10 5 0	3°15'54	21° 4	16°11	21°20	17°22	21°14	22°37	11°33	4°38	13°57	22°35	22° 3	3°42	n.a.	S 26
M27	10 8 57	4°15'04	4♏32	18° 3	22°34	18° 9	21°28	22°41	11°34	4°41	13°56	22°29	22° 0	3°48	n.a.	M27
T 28	10 12 53	5♓14'12	18♏11	19♓53	23♒48	18♒55	21♓42	22♐44	11♐35	4♓43	13♋56	22♐26	21♐57	3♋55	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s23	21s 5	2s50	22s48	2s 4	22s54	0s45	21s55	1s 5	6s53	1s14	22s41	0n43	22s25	0s 4	11s35	1s25	30n39	7n45	23s37	23s34	23n 3		n.a.
T 2	18 7	23 10	1 41	22 26	2 4	22 44	0 47	21 45	1 5	6 48	1 14	22 42	0 43	22 25	0 4	11 34	1 25	30 39	7 45	23 37	23 34	23 2		n.a.
F 3	17 50	23 46	0 25	22 3	2 4	22 34	0 49	21 36	1 5	6 42	1 14	22 42	0 43	22 25	0 4	11 34	1 25	30 39	7 45	23 37	23 33	23 1		n.a.
S 4	17 34	22 44	0n55	21 37	2 4	22 23	0 51	21 26	1 5	6 37	1 14	22 42	0 43	22 26	0 4	11 33	1 25	30 39	7 45	23 37	23 33	23 0		n.a.
S 5	17 17	20 6	2 11	21 10	2 3	22 12	0 53	21 15	1 5	6 32	1 14	22 43	0 43	22 26	0 4	11 32	1 25	30 39	7 45	23 37	23 33	22 59		n.a.
M 6	17 0	16 8	3 19	20 41	2 2	21 59	0 55	21 5	1 6	6 27	1 14	22 43	0 43	22 26	0 4	11 31	1 25	30 39	7 45	23 37	23 33	22 58		n.a.
T 7	16 42	11 11	4 12	20 10	2 0	21 47	0 57	20 54	1 6	6 21	1 13	22 44	0 43	22 27	0 5	11 30	1 25	30 39	7 45	23 37	23 33	22 57		n.a.
W 8	16 25	5 40	4 48	19 37	1 57	21 33	0 58	20 43	1 6	6 16	1 13	22 44	0 42	22 27	0 5	11 30	1 25	30 39	7 45	23 36	23 33	22 56		n.a.
T 9	16 7	0 0	5 5	19 2	1 54	21 19	1 0	20 32	1 6	6 10	1 13	22 44	0 42	22 27	0 5	11 29	1 25	30 40	7 45	23 36	23 32	22 55		n.a.
F 10	15 48	5n29	5 4	18 25	1 51	21 4	1 2	20 21	1 6	6 5	1 13	22 45	0 42	22 27	0 5	11 28	1 25	30 40	7 45	23 36	23 32	22 54		n.a.
S 11	15 30	10 33	4 46	17 47	1 47	20 49	1 4	20 9	1 6	6 0	1 13	22 45	0 42	22 28	0 5	11 27	1 25	30 40	7 45	23 35	23 32	22 53		n.a.
S 12	15 11	14 58	4 13	17 6	1 42	20 33	1 5	19 58	1 6	5 54	1 13	22 45	0 42	22 28	0 5	11 26	1 25	30 40	7 45	23 35	23 32	22 52		n.a.
M13	14 52	18 36	3 29	16 24	1 37	20 16	1 7	19 46	1 6	5 49	1 13	22 46	0 42	22 28	0 5	11 25	1 25	30 40	7 45	23 35	23 32	22 51		n.a.
T 14	14 33	21 19	2 37	15 40	1 31	19 59	1 8	19 33	1 6	5 43	1 13	22 46	0 42	22 28	0 5	11 25	1 25	30 40	7 45	23 35	23 31	22 50		n.a.
W15	14 13	23 2	1 39	14 54	1 25	19 41	1 10	19 21	1 7	5 38	1 13	22 46	0 42	22 29	0 5	11 24	1 25	30 40	7 45	23 35	23 31	22 49		n.a.
T 16	13 53	23 42	0 37	14 7	1 18	19 23	1 11	19 8	1 7	5 32	1 12	22 46	0 42	22 29	0 5	11 23	1 25	30 40	7 45	23 35	23 31	22 48		n.a.
F 17	13 34	23 17	0s26	13 18	1 10	19 4	1 12	18 56	1 7	5 27	1 12	22 47	0 42	22 29	0 5	11 22	1 25	30 40	7 45	23 35	23 31	22 47		n.a.
S 18	13 13	21 50	1 28	12 27	1 2	18 44	1 14	18 43	1 7	5 21	1 12	22 47	0 42	22 29	0 5	11 21	1 25	30 40	7 45	23 35	23 31	22 46		n.a.
S 19	12 53	19 25	2 27	11 36	0 54	18 24	1 15	18 30	1 7	5 16	1 12	22 47	0 42	22 30	0 5	11 20	1 25	30 40	7 44	23 35	23 31	22 45		n.a.
M20	12 33	16 9	3 19	10 43	0 44	18 4	1 16	18 16	1 7	5 10	1 12	22 48	0 42	22 30	0 5	11 20	1 25	30 40	7 44	23 34	23 30	22 44		n.a.
T 21	12 12	12 9	4 3	9 49	0 35	17 43	1 17	18 3	1 7	5 5	1 12	22 48	0 42	22 30	0 5	11 19	1 25	30 40	7 44	23 34	23 30	22 43		n.a.
W22	11 51	7 36	4 36	8 54	0 24	17 22	1 18	17 49	1 7	4 59	1 12	22 48	0 42	22 30	0 5	11 18	1 25	30 40	7 44	23 33	23 30	22 42		n.a.
T 23	11 30	2 39	4 57	7 59	0 13	17 0	1 19	17 35	1 7	4 53	1 12	22 48	0 42	22 31	0 5	11 17	1 25	30 40	7 44	23 33	23 30	22 41		n.a.
F 24	11 9	2s29	5 2	7 3	0 2	16 37	1 20	17 21	1 7	4 48	1 12	22 49	0 42	22 31	0 5	11 16	1 25	30 40	7 44	23 32	23 30	22 40		n.a.
S 25	10 47	7 35	4 52	6 7	0n 9	16 14	1 21	17 7	1 7	4 42	1 12	22 49	0 42	22 31	0 5	11 15	1 25	30 40	7 44	23 32	23 29	22 39		n.a.
S 26	10 26	12 25	4 26	5 11	0 21	15 51	1 22	16 53	1 7	4 36	1 12	22 49	0 42	22 31	0 5	11 15	1 25	30 40	7 44	23 31	23 29	22 38		n.a.
M27	10 4	16 43	3 45	4 16	0 33	15 27	1 23	16 38	1 7	4 31	1 11	22 49	0 42	22 31	0 5	11 14	1 25	30 40	7 44	23 31	23 29	22 37		n.a.
T 28	9s42	20s11	2s51	3s22	0n46	15s 3	1s23	16s23	1s 7	4s25	1s11	22s49	0n42	22s31	0s 5	11s13	1s25	30n40	7n44	23s31	23s29	22n36		n.a.

Julian Day Number = 1619549.5, Delta T = 03h48m22s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'18, Lahiri = - 7°48'17 Julian Calendar 1 Feb. 279 BCE == Greg. Calendar 28 Jan. 279 BCE

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

MARCH 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 16 50	6♓13'18	2♐ 0	21♓39	25♒ 3	19♒42	21♓56	22♐48	11♐36	4♓45	13°R55	22°D25	21♐54	4♋ 2	n.a.	W 1
T 2	10 20 46	7°12'22	16° 1	23°22	26°17	20°29	22°11	22°51	11°37	4°47	13♋54	22°R25	21°51	4° 8	n.a.	T 2
F 3	10 24 43	8°11'24	0♑13	25° 1	27°31	21°15	22°25	22°55	11°38	4°50	13°53	22♐25	21°48	4°15	n.a.	F 3
S 4	10 28 39	9°10'25	14°34	26°36	28°45	22° 2	22°39	22°58	11°39	4°52	13°52	22°23	21°44	4°22	n.a.	S 4
S 5	10 32 36	10° 9'24	29° 2	28° 6	29°59	22°48	22°53	23° 1	11°40	4°54	13°52	22°19	21°41	4°28	n.a.	S 5
M 6	10 36 33	11° 8'21	13♒33	29°32	1♓14	23°35	23° 7	23° 4	11°40	4°57	13°51	22°13	21°38	4°35	n.a.	M 6
T 7	10 40 29	12° 7'15	28° 1	0♈52	2°28	24°21	23°21	23° 7	11°41	4°59	13°50	22° 3	21°35	4°41	n.a.	T 7
W 8	10 44 26	13° 6'08	12♓20	2° 7	3°42	25° 8	23°36	23°10	11°42	5° 1	13°50	21°52	21°32	4°48	n.a.	W 8
T 9	10 48 22	14° 4'59	26°23	3°16	4°56	25°54	23°50	23°13	11°43	5° 3	13°49	21°40	21°29	4°55	n.a.	T 9
F 10	10 52 19	15° 3'47	10♈ 5	4°19	6°10	26°40	24° 4	23°16	11°43	5° 6	13°49	21°28	21°25	5° 1	n.a.	F 10
S 11	10 56 15	16° 2'33	23°24	5°17	7°24	27°27	24°18	23°18	11°44	5° 8	13°48	21°18	21°22	5° 8	n.a.	S 11
S 12	11 0 12	17° 1'17	6♉19	6° 8	8°38	28°13	24°33	23°21	11°44	5°10	13°48	21°10	21°19	5°15	n.a.	S 12
M13	11 4 8	17°59'59	18°52	6°54	9°53	28°59	24°47	23°24	11°45	5°12	13°47	21° 5	21°16	5°21	n.a.	M13
T 14	11 8 5	18°58'38	1♊ 6	7°33	11° 7	29°45	25° 1	23°26	11°45	5°14	13°47	21° 3	21°13	5°28	n.a.	T 14
W15	11 12 1	19°57'15	13° 7	8° 6	12°21	0♓32	25°16	23°28	11°45	5°17	13°46	21° 2	21° 9	5°35	n.a.	W15
T 16	11 15 58	20°55'50	24°58	8°32	13°35	1°18	25°30	23°30	11°46	5°19	13°46	21° 2	21° 6	5°41	n.a.	T 16
F 17	11 19 55	21°54'23	6♋46	8°52	14°49	2° 4	25°44	23°33	11°46	5°21	13°45	21° 2	21° 3	5°48	n.a.	F 17
S 18	11 23 51	22°52'53	18°36	9° 6	16° 3	2°50	25°58	23°35	11°46	5°23	13°45	21° 0	21° 0	5°55	n.a.	S 18
S 19	11 27 48	23°51'21	0♌33	9°14	17°17	3°36	26°13	23°36	11°46	5°25	13°45	20°56	20°57	6° 1	n.a.	S 19
M20	11 31 44	24°49'47	12°42	9°R15	18°31	4°22	26°27	23°38	11°46	5°28	13°44	20°49	20°54	6° 8	n.a.	M20
T 21	11 35 41	25°48'11	25° 5	9°11	19°45	5° 8	26°41	23°40	11°R46	5°30	13°44	20°40	20°50	6°15	n.a.	T 21
W22	11 39 37	26°46'32	7♍45	9° 1	20°59	5°53	26°56	23°42	11°46	5°32	13°44	20°28	20°47	6°21	n.a.	W22
T 23	11 43 34	27°44'51	20°42	8°46	22°13	6°39	27°10	23°43	11°46	5°34	13°44	20°15	20°44	6°28	n.a.	T 23
F 24	11 47 30	28°43'09	3♎56	8°26	23°27	7°25	27°24	23°45	11°46	5°36	13°43	20° 3	20°41	6°35	n.a.	F 24
S 25	11 51 27	29°41'24	17°24	8° 1	24°41	8°11	27°39	23°46	11°46	5°38	13°43	19°51	20°38	6°41	n.a.	S 25
S 26	11 55 23	0♈39'38	1♏ 5	7°33	25°55	8°56	27°53	23°47	11°46	5°40	13°43	19°42	20°35	6°48	n.a.	S 26
M27	11 59 20	1°37'50	14°55	7° 1	27° 9	9°42	28° 7	23°48	11°45	5°43	13°43	19°36	20°31	6°54	n.a.	M27
T 28	12 3 17	2°36'01	28°51	6°26	28°23	10°28	28°22	23°50	11°45	5°45	13°43	19°32	20°28	7° 1	n.a.	T 28
W29	12 7 13	3°34'10	12♐52	5°49	29°37	11°13	28°36	23°51	11°45	5°47	13°43	19°31	20°25	7° 8	n.a.	W29
T 30	12 11 10	4°32'17	26°57	5°11	0♈50	11°59	28°50	23°51	11°44	5°49	13°43	19°D31	20°22	7°14	n.a.	T 30
F 31	12 15 6	5♈30'23	11♑ 4	4♈32	2♈ 4	12♓44	29♓ 4	23♐52	11♐44	5♓51	13°D43	19°R31	20♐19	7♋21	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	9s20	22s33	1s46	2s28	0n58	14s39	1s24	16s 9	1s 7	4s19	1s11	22s50	0n42	22s32	0s 5	11s12	1s25	30n40	7n44	23s31	23s29	22n35			n.a.
T 2	8 58	23 33	0 34	1 35	1 10	14 14	1 24	15 54	1 7	4 14	1 11	22 50	0 42	22 32	0 5	11 11	1 25	30 40	7 44	23 31	23 28	22 34			n.a.
F 3	8 36	23 2	0n41	0 45	1 22	13 48	1 25	15 38	1 7	4 8	1 11	22 50	0 42	22 32	0 5	11 10	1 25	30 40	7 43	23 31	23 28	22 33			n.a.
S 4	8 14	21 1	1 55	0n 4	1 34	13 23	1 25	15 23	1 7	4 2	1 11	22 50	0 42	22 32	0 5	11 10	1 25	30 40	7 43	23 30	23 28	22 32			n.a.
S 5	7 51	17 39	3 1	0 51	1 46	12 57	1 26	15 8	1 7	3 57	1 11	22 50	0 42	22 32	0 5	11 9	1 25	30 40	7 43	23 30	23 28	22 31			n.a.
M 6	7 28	13 11	3 56	1 36	1 57	12 30	1 26	14 52	1 7	3 51	1 11	22 51	0 42	22 32	0 5	11 8	1 25	30 40	7 43	23 30	23 28	22 30			n.a.
T 7	7 6	8 0	4 35	2 18	2 8	12 4	1 26	14 36	1 7	3 45	1 11	22 51	0 42	22 32	0 5	11 7	1 25	30 40	7 43	23 29	23 27	22 29			n.a.
W 8	6 43	2 27	4 57	2 58	2 19	11 36	1 26	14 21	1 6	3 39	1 11	22 51	0 42	22 32	0 5	11 6	1 25	30 40	7 43	23 29	23 27	22 27			n.a.
T 9	6 20	3n 7	5 0	3 35	2 28	11 9	1 26	14 5	1 6	3 34	1 11	22 51	0 42	22 33	0 5	11 6	1 25	30 40	7 43	23 28	23 27	22 26			n.a.
F 10	5 57	8 24	4 45	4 8	2 37	10 42	1 26	13 49	1 6	3 28	1 11	22 51	0 42	22 33	0 5	11 5	1 25	30 40	7 43	23 27	23 27	22 25			n.a.
S 11	5 34	13 8	4 16	4 39	2 46	10 14	1 26	13 32	1 6	3 22	1 11	22 51	0 42	22 33	0 5	11 4	1 25	30 40	7 43	23 26	23 27	22 24			n.a.
S 12	5 11	17 8	3 33	5 6	2 53	9 45	1 26	13 16	1 6	3 16	1 11	22 52	0 42	22 33	0 5	11 3	1 25	30 40	7 42	23 26	23 26	22 23			n.a.
M13	4 48	20 14	2 42	5 31	2 59	9 17	1 26	13 0	1 6	3 11	1 11	22 52	0 42	22 33	0 5	11 2	1 25	30 40	7 42	23 26	23 26	22 22			n.a.
T 14	4 25	22 19	1 44	5 51	3 5	8 48	1 26	12 43	1 6	3 5	1 11	22 52	0 42	22 33	0 5	11 1	1 25	30 40	7 42	23 25	23 26	22 21			n.a.
W15	4 2	23 20	0 42	6 8	3 9	8 20	1 26	12 27	1 6	2 59	1 11	22 52	0 42	22 33	0 5	11 1	1 25	30 40	7 42	23 25	23 26	22 20			n.a.
T 16	3 38	23 17	0s21	6 22	3 12	7 50	1 25	12 10	1 6	2 53	1 11	22 52	0 42	22 33	0 5	11 0	1 25	30 40	7 42	23 25	23 26	22 18			n.a.
F 17	3 15	22 11	1 22	6 32	3 14	7 21	1 25	11 53	1 5	2 47	1 11	22 52	0 42	22 33	0 5	10 59	1 25	30 40	7 42	23 25	23 25	22 17			n.a.
S 18	2 52	20 6	2 20	6 38	3 15	6 52	1 24	11 36	1 5	2 42	1 11	22 52	0 42	22 33	0 5	10 58	1 25	30 40	7 42	23 25	23 25	22 16			n.a.
S 19	2 28	17 8	3 13	6 40	3 14	6 22	1 24	11 19	1 5	2 36	1 10	22 52	0 42	22 33	0 5	10 57	1 26	30 39	7 42	23 25	23 25	22 15			n.a.
M20	2 5	13 24	3 57	6 39	3 13	5 52	1 23	11 2	1 5	2 30	1 10	22 52	0 42	22 33	0 5	10 57	1 26	30 39	7 41	23 24	23 25	22 14			n.a.
T 21	1 41	9 3	4 32	6 34	3 9	5 22	1 23	10 45	1 5	2 24	1 10	22 53	0 42	22 33	0 5	10 56	1 26	30 39	7 41	23 24	23 24	22 13			n.a.
W22	1 18	4 14	4 53	6 26	3 5	4 52	1 22	10 28	1 5	2 19	1 10	22 53	0 42	22 33	0 5	10 55	1 26	30 39	7 41	23 23	23 24	22 11			n.a.
T 23	0 54	0s52	5 1	6 14	2 58	4 22	1 21	10 10	1 5	2 13	1 10	22 53	0 42	22 33	0 5	10 54	1 26	30 39	7 41	23 22	23 24	22 10			n.a.
F 24	0 31	6 2	4 52	6 0	2 51	3 51	1 20	9 53	1 4	2 7	1 10	22 53	0 42	22 33	0 5	10 54	1 26	30 39	7 41	23 21	23 24	22 9			n.a.
S 25	0 7	11 1	4 27	5 42	2 42	3 21	1 19	9 35	1 4	2 1	1 10	22 53	0 42	22 33	0 5	10 53	1 26	30 39	7 41	23 20	23 24	22 8			n.a.
S 26	0n16	15 31	3 47	5 21	2 32	2 50	1 18	9 18	1 4	1 55	1 10	22 53	0 42	22 33	0 5	10 52	1 26	30 39	7 41	23 19	23 23	22 7			n.a.
M27	0 39	19 15	2 52	4 57	2 20	2 20	1 17	9 0	1 4	1 50	1 10	22 53	0 42	22 33	0 5	10 51	1 26	30 39	7 40	23 19	23 23	22 6			n.a.
T 28	1 3	21 53	1 47	4 32	2 7	1 49	1 16	8 43	1 4	1 44	1 10	22 53	0 42	22 33	0 5	10 51	1 26	30 38	7 40	23 19	23 23	22 4			n.a.
W29	1 26	23 12	0 35	4 4	1 54	1 18	1 15	8 25	1 3	1 38	1 10	22 53	0 42	22 33	0 5	10 50	1 26	30 38	7 40	23 19	23 23	22 3			n.a.
T 30	1 49	23 2	0n39	3 36	1 39	0 47	1 14	8 7	1 3	1 32	1 10	22 53	0 42	22 33	0 5	10 49	1 26	30 38	7 40	23 19	23 22	22 2			n.a.
F 31	2n13	21s24	1n52	3n 6	1n24	0s17	1s13	7s49	1s 3	1s27	1s10	22s53	0n42	22s33	0s 5	10s48	1s26	30n38	7n40	23s19	23s22	22n 1			n.a.

Julian Day Number = 1619577.5, Delta T = 03h48m21s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'14, Lahiri = - 7°48'13 Julian Calendar 1 March 279 BCE == Greg. Calendar 25 Feb. 279 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

APRIL 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 19 3	6♈28'28	25♉13	3°R52	3♈18	13♓30	29♓19	23♐53	11°R43	5♓53	13♋43	19°R30	20♐15	7♋28	n.a.	S 1
S 2	12 22 59	7°26'31	9♒22	3♈14	4°32	14°15	29°33	23°53	11♐43	5°55	13°43	19♐26	20°12	7°34	n.a.	S 2
M 3	12 26 56	8°24'32	23°28	2°37	5°46	15° 0	29°47	23°54	11°42	5°57	13°43	19°20	20° 9	7°41	n.a.	M 3
T 4	12 30 52	9°22'32	7♓30	2° 2	7° 0	15°46	0♈ 1	23°54	11°41	5°59	13°43	19°12	20° 6	7°48	n.a.	T 4
W 5	12 34 49	10°20'31	21°23	1°29	8°14	16°31	0°16	23°55	11°41	6° 1	13°43	19° 2	20° 3	7°54	n.a.	W 5
T 6	12 38 46	11°18'27	5♈ 2	0°59	9°28	17°16	0°30	23°55	11°40	6° 3	13°43	18°51	20° 0	8° 1	n.a.	T 6
F 7	12 42 42	12°16'22	18°26	0°33	10°42	18° 1	0°44	23°R55	11°39	6° 5	13°43	18°40	19°56	8° 8	n.a.	F 7
S 8	12 46 39	13°14'16	1♉32	0°10	11°55	18°46	0°58	23°55	11°38	6° 6	13°44	18°31	19°53	8°14	n.a.	S 8
S 9	12 50 35	14°12'08	14°18	29♓52	13° 9	19°31	1°12	23°55	11°37	6° 8	13°44	18°23	19°50	8°21	n.a.	S 9
M10	12 54 32	15° 9'58	26°46	29°38	14°23	20°16	1°26	23°55	11°36	6°10	13°44	18°19	19°47	8°28	n.a.	M10
T 11	12 58 28	16° 7'46	8♊58	29°28	15°37	21° 1	1°40	23°54	11°35	6°12	13°44	18°17	19°44	8°34	n.a.	T 11
W12	13 2 25	17° 5'33	20°58	29°23	16°51	21°46	1°54	23°54	11°34	6°14	13°45	18°D16	19°40	8°41	n.a.	W12
T 13	13 6 21	18° 3'18	2♋49	29°D23	18° 5	22°31	2° 8	23°53	11°33	6°16	13°45	18°17	19°37	8°48	n.a.	T 13
F 14	13 10 18	19° 1'01	14°38	29°27	19°18	23°16	2°22	23°53	11°32	6°18	13°45	18°R17	19°34	8°54	n.a.	F 14
S 15	13 14 15	19°58'43	26°29	29°35	20°32	24° 1	2°36	23°52	11°31	6°19	13°46	18°17	19°31	9° 1	n.a.	S 15
S 16	13 18 11	20°56'22	8♌28	29°49	21°46	24°45	2°50	23°51	11°30	6°21	13°46	18°16	19°28	9° 8	n.a.	S 16
M17	13 22 8	21°54'00	20°40	0♈ 6	23° 0	25°30	3° 4	23°51	11°29	6°23	13°47	18°12	19°25	9°14	n.a.	M17
T 18	13 26 4	22°51'37	3♍ 8	0°28	24°13	26°14	3°18	23°50	11°27	6°24	13°47	18° 6	19°21	9°21	n.a.	T 18
W19	13 30 1	23°49'11	15°56	0°55	25°27	26°59	3°32	23°49	11°26	6°26	13°48	17°58	19°18	9°27	n.a.	W19
T 20	13 33 57	24°46'45	29° 5	1°25	26°41	27°43	3°46	23°47	11°25	6°28	13°48	17°50	19°15	9°34	n.a.	T 20
F 21	13 37 54	25°44'16	12♎35	2° 0	27°55	28°28	3°59	23°46	11°23	6°29	13°49	17°41	19°12	9°41	n.a.	F 21
S 22	13 41 50	26°41'47	26°24	2°39	29° 8	29°12	4°13	23°45	11°22	6°31	13°49	17°33	19° 9	9°47	n.a.	S 22
S 23	13 45 47	27°39'16	10♏29	3°21	0♉22	29°56	4°27	23°43	11°20	6°33	13°50	17°27	19° 6	9°54	n.a.	S 23
M24	13 49 44	28°36'44	24°44	4° 7	1°36	0♈41	4°41	23°42	11°19	6°34	13°51	17°23	19° 2	10° 1	n.a.	M24
T 25	13 53 40	29°34'12	9♐ 5	4°57	2°50	1°25	4°54	23°40	11°17	6°36	13°51	17°21	18°59	10° 7	n.a.	T 25
W26	13 57 37	0♉31'38	23°28	5°50	4° 3	2° 9	5° 8	23°39	11°15	6°37	13°52	17°D20	18°56	10°14	n.a.	W26
T 27	14 1 33	1°29'03	7♑48	6°47	5°17	2°53	5°21	23°37	11°14	6°39	13°53	17°21	18°53	10°21	n.a.	T 27
F 28	14 5 30	2°26'28	22° 3	7°47	6°31	3°37	5°35	23°35	11°12	6°40	13°53	17°23	18°50	10°27	n.a.	F 28
S 29	14 9 26	3°23'51	6♒11	8°50	7°44	4°21	5°48	23°33	11°10	6°42	13°54	17°R23	18°46	10°34	n.a.	S 29
S 30	14 13 23	4♉21'14	20♒11	9♈56	8♉58	5♈ 5	6♈ 2	23♐31	11♐ 9	6♓43	13♋55	17♐22	18♐43	10♋41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n36	18s27	2n57	2n35	1n 8	0n14	1s11	7s32	1s 3	1s21	1s10	22s53	0n42	22s33	0s 5	10s48	1s26	30n38	7n40	23s18	23s22	22n 0		n.a.
S 2	2 59	14 24	3 52	2 5	0 51	0 45	1 10	7 14	1 2	1 15	1 10	22 53	0 42	22 33	0 5	10 47	1 26	30 38	7 40	23 18	23 22	21 58		n.a.
M 3	3 22	9 34	4 33	1 35	0 34	1 16	1 9	6 56	1 2	1 10	1 10	22 53	0 42	22 33	0 5	10 46	1 26	30 38	7 40	23 18	23 21	21 57		n.a.
T 4	3 46	4 17	4 56	1 5	0 17	1 47	1 7	6 38	1 2	1 4	1 10	22 53	0 42	22 33	0 5	10 45	1 26	30 37	7 39	23 17	23 21	21 56		n.a.
W 5	4 9	1n10	5 2	0 36	0 1	2 18	1 6	6 20	1 2	0 58	1 10	22 53	0 42	22 33	0 5	10 45	1 26	30 37	7 39	23 16	23 21	21 55		n.a.
T 6	4 32	6 28	4 51	0 9	0s16	2 49	1 4	6 2	1 1	0 52	1 10	22 53	0 42	22 33	0 5	10 44	1 26	30 37	7 39	23 15	23 21	21 53		n.a.
F 7	4 54	11 21	4 23	0s16	0 32	3 19	1 3	5 43	1 1	0 47	1 10	22 53	0 42	22 33	0 5	10 43	1 26	30 37	7 39	23 14	23 21	21 52		n.a.
S 8	5 17	15 37	3 42	0 40	0 48	3 50	1 1	5 25	1 1	0 41	1 10	22 53	0 42	22 32	0 5	10 43	1 26	30 37	7 39	23 13	23 20	21 51		n.a.
S 9	5 40	19 2	2 51	1 1	1 4	4 21	0 59	5 7	1 0	0 35	1 10	22 53	0 42	22 32	0 5	10 42	1 26	30 37	7 39	23 13	23 20	21 50		n.a.
M10	6 3	21 29	1 52	1 20	1 18	4 51	0 58	4 49	1 0	0 30	1 10	22 53	0 42	22 32	0 5	10 41	1 26	30 37	7 39	23 12	23 20	21 48		n.a.
T 11	6 25	22 53	0 50	1 37	1 32	5 22	0 56	4 31	1 0	0 24	1 10	22 53	0 42	22 32	0 5	10 41	1 26	30 36	7 38	23 12	23 20	21 47		n.a.
W12	6 48	23 11	0s14	1 51	1 45	5 52	0 54	4 13	1 0	0 18	1 10	22 53	0 42	22 32	0 5	10 40	1 26	30 36	7 38	23 12	23 19	21 46		n.a.
T 13	7 10	22 25	1 17	2 3	1 58	6 22	0 52	3 54	0 59	0 13	1 10	22 53	0 42	22 32	0 5	10 39	1 26	30 36	7 38	23 12	23 19	21 45		n.a.
F 14	7 32	20 39	2 16	2 11	2 9	6 52	0 50	3 36	0 59	0 7	1 10	22 53	0 42	22 32	0 5	10 39	1 26	30 36	7 38	23 12	23 19	21 43		n.a.
S 15	7 54	18 0	3 10	2 18	2 19	7 22	0 48	3 18	0 59	0 2	1 10	22 53	0 42	22 32	0 5	10 38	1 26	30 36	7 38	23 12	23 19	21 42		n.a.
S 16	8 16	14 34	3 56	2 21	2 29	7 52	0 46	3 0	0 58	0n 4	1 11	22 53	0 42	22 31	0 5	10 37	1 26	30 35	7 38	23 12	23 18	21 41		n.a.
M17	8 38	10 29	4 32	2 22	2 38	8 21	0 44	2 42	0 58	0 9	1 11	22 53	0 42	22 31	0 5	10 37	1 26	30 35	7 38	23 12	23 18	21 39		n.a.
T 18	9 0	5 53	4 56	2 20	2 45	8 51	0 42	2 23	0 58	0 15	1 11	22 53	0 42	22 31	0 5	10 36	1 26	30 35	7 37	23 11	23 18	21 38		n.a.
W19	9 21	0 55	5 6	2 16	2 52	9 20	0 40	2 5	0 57	0 21	1 11	22 53	0 42	22 31	0 5	10 36	1 27	30 35	7 37	23 11	23 18	21 37		n.a.
T 20	9 43	4s13	5 0	2 9	2 58	9 49	0 38	1 47	0 57	0 26	1 11	22 53	0 42	22 31	0 5	10 35	1 27	30 35	7 37	23 10	23 17	21 36		n.a.
F 21	10 4	9 17	4 38	2 0	3 3	10 18	0 36	1 29	0 56	0 32	1 11	22 53	0 42	22 30	0 5	10 35	1 27	30 34	7 37	23 9	23 17	21 34		n.a.
S 22	10 25	14 1	3 59	1 48	3 7	10 46	0 34	1 11	0 56	0 37	1 11	22 53	0 42	22 30	0 5	10 34	1 27	30 34	7 37	23 8	23 17	21 33		n.a.
S 23	10 46	18 4	3 5	1 34	3 11	11 15	0 32	0 52	0 56	0 42	1 11	22 53	0 42	22 30	0 6	10 33	1 27	30 34	7 37	23 8	23 16	21 32		n.a.
M24	11 7	21 6	1 59	1 18	3 13	11 43	0 30	0 34	0 55	0 48	1 11	22 53	0 42	22 30	0 6	10 33	1 27	30 34	7 37	23 7	23 16	21 30		n.a.
T 25	11 27	22 49	0 44	0 59	3 15	12 10	0 27	0 16	0 55	0 53	1 11	22 53	0 42	22 30	0 6	10 32	1 27	30 34	7 36	23 7	23 16	21 29		n.a.
W26	11 48	23 1	0n33	0 39	3 16	12 38	0 25	0n 2	0 55	0 59	1 11	22 53	0 41	22 29	0 6	10 32	1 27	30 33	7 36	23 7	23 16	21 28		n.a.
T 27	12 8	21 41	1 48	0 16	3 16	13 5	0 23	0 20	0 54	1 4	1 11	22 53	0 41	22 29	0 6	10 31	1 27	30 33	7 36	23 7	23 15	21 26		n.a.
F 28	12 28	19 0	2 57	0n 8	3 15	13 32	0 21	0 38	0 54	1 9	1 11	22 53	0 41	22 29	0 6	10 31	1 27	30 33	7 36	23 7	23 15	21 25		n.a.
S 29	12 48	15 11	3 53	0 35	3 14	13 58	0 18	0 56	0 53	1 15	1 11	22 53	0 41	22 29	0 6	10 30	1 27	30 33	7 36	23 7	23 15	21 24		n.a.
S 30	13n 8	10s34	4n36	1n 3	3s12	14n24	0s16	1n14	0s53	1n20	1s11	22s53	0n41	22s29	0s 6	10s30	1s27	30n33	7n36	23s 7	23s15	21n22		n.a.

Julian Day Number = 1619608.5, Delta T = 03h48m20s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'10, Lahiri = - 7°48'09 Julian Calendar 1 Apr. 279 BCE == Greg. Calendar 28 March 279 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

MAY 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 17 19	5♉18'36	4♓ 1	11♈ 6	10♉12	5♈49	6♈15	23°R29	11°R 7	6♓45	13♋56	17°R19	18♐40	10♋47	n.a.	M 1
T 2	14 21 16	6°15'58	17°40	12°18	11°25	6°33	6°28	23♐27	11♐ 5	6°46	13°57	17♐14	18°37	10°54	n.a.	T 2
W 3	14 25 13	7°13'18	1♈ 8	13°33	12°39	7°16	6°42	23°24	11° 3	6°47	13°58	17° 8	18°34	11° 1	n.a.	W 3
T 4	14 29 9	8°10'38	14°22	14°52	13°53	8° 0	6°55	23°22	11° 1	6°49	13°58	17° 2	18°31	11° 7	n.a.	T 4
F 5	14 33 6	9° 7'57	27°23	16°13	15° 6	8°44	7° 8	23°20	10°59	6°50	13°59	16°56	18°27	11°14	n.a.	F 5
S 6	14 37 2	10° 5'16	10♉ 9	17°37	16°20	9°27	7°21	23°17	10°57	6°51	14° 0	16°50	18°24	11°21	n.a.	S 6
S 7	14 40 59	11° 2'33	22°40	19° 3	17°34	10°11	7°34	23°14	10°55	6°52	14° 1	16°46	18°21	11°27	n.a.	S 7
M 8	14 44 55	11°59'50	4♊58	20°33	18°47	10°54	7°47	23°12	10°53	6°53	14° 2	16°44	18°18	11°34	n.a.	M 8
T 9	14 48 52	12°57'06	17° 4	22° 5	20° 1	11°38	8° 0	23° 9	10°51	6°55	14° 3	16°D43	18°15	11°41	n.a.	T 9
W10	14 52 48	13°54'21	29° 0	23°40	21°15	12°21	8°13	23° 6	10°49	6°56	14° 4	16°44	18°12	11°47	n.a.	W10
T 11	14 56 45	14°51'35	10♋50	25°18	22°28	13° 4	8°26	23° 3	10°47	6°57	14° 5	16°45	18° 8	11°54	n.a.	T 11
F 12	15 0 42	15°48'48	22°39	26°58	23°42	13°47	8°38	23° 0	10°45	6°58	14° 6	16°47	18° 5	12° 1	n.a.	F 12
S 13	15 4 38	16°46'01	4♌30	28°41	24°56	14°30	8°51	22°57	10°43	6°59	14° 7	16°49	18° 2	12° 7	n.a.	S 13
S 14	15 8 35	17°43'12	16°29	0♉27	26° 9	15°14	9° 4	22°54	10°41	7° 0	14° 9	16°R49	17°59	12°14	n.a.	S 14
M15	15 12 31	18°40'23	28°40	2°15	27°23	15°57	9°16	22°51	10°39	7° 1	14°10	16°49	17°56	12°21	n.a.	M15
T 16	15 16 28	19°37'32	11♍ 8	4° 6	28°36	16°40	9°29	22°47	10°37	7° 2	14°11	16°47	17°52	12°27	n.a.	T 16
W17	15 20 24	20°34'41	23°57	5°59	29°50	17°22	9°41	22°44	10°34	7° 3	14°12	16°44	17°49	12°34	n.a.	W17
T 18	15 24 21	21°31'50	7♎10	7°55	1♊ 4	18° 5	9°54	22°41	10°32	7° 4	14°13	16°41	17°46	12°41	n.a.	T 18
F 19	15 28 17	22°28'57	20°48	9°53	2°17	18°48	10° 6	22°37	10°30	7° 5	14°14	16°38	17°43	12°47	n.a.	F 19
S 20	15 32 14	23°26'04	4♏49	11°54	3°31	19°31	10°18	22°34	10°28	7° 6	14°16	16°34	17°40	12°54	n.a.	S 20
S 21	15 36 11	24°23'11	19°10	13°56	4°44	20°13	10°30	22°30	10°25	7° 6	14°17	16°32	17°37	13° 0	n.a.	S 21
M22	15 40 7	25°20'17	3♐47	16° 0	5°58	20°56	10°42	22°27	10°23	7° 7	14°18	16°31	17°33	13° 7	n.a.	M22
T 23	15 44 4	26°17'23	18°33	18° 6	7°11	21°38	10°54	22°23	10°21	7° 8	14°20	16°D30	17°30	13°14	n.a.	T 23
W24	15 48 0	27°14'29	3♑20	20°14	8°25	22°21	11° 6	22°19	10°18	7° 9	14°21	16°31	17°27	13°20	n.a.	W24
T 25	15 51 57	28°11'35	18° 2	22°22	9°39	23° 3	11°18	22°15	10°16	7° 9	14°22	16°32	17°24	13°27	n.a.	T 25
F 26	15 55 53	29° 8'41	2♒34	24°32	10°52	23°46	11°30	22°11	10°14	7°10	14°24	16°33	17°21	13°34	n.a.	F 26
S 27	15 59 50	0♊ 5'47	16°52	26°42	12° 6	24°28	11°41	22° 8	10°11	7°11	14°25	16°34	17°18	13°40	n.a.	S 27
S 28	16 3 46	1° 2'53	0♓53	28°53	13°19	25°10	11°53	22° 4	10° 9	7°11	14°26	16°R34	17°14	13°47	n.a.	S 28
M29	16 7 43	1°59'59	14°37	1♊ 3	14°33	25°52	12° 5	22° 0	10° 6	7°12	14°28	16°34	17°11	13°54	n.a.	M29
T 30	16 11 40	2°57'06	28° 3	3°14	15°46	26°34	12°16	21°56	10° 4	7°12	14°29	16°33	17° 8	14° 0	n.a.	T 30
W31	16 15 36	3♊54'12	11♈13	5♊24	17♊ 0	27♈16	12♈27	21♐52	10♐ 2	7♓13	14♋31	16♐32	17♐ 5	14♋ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	13n27	5s29	5n 2	1n33	3s 9	14n50	0s14	1n32	0s52	1n25	1s11	22s53	0n41	22s28	0s 6	10s29	1s27	30n32	7n36	23s 7	23s14	21n21			n.a.
T 2	13 46	0 11	5 10	2 4	3 6	15 16	0 11	1 50	0 52	1 31	1 11	22 53	0 41	22 28	0 6	10 29	1 27	30 32	7 36	23 6	23 14	21 20			n.a.
W 3	14 5	5n 2	5 1	2 38	3 2	15 41	0 9	2 8	0 52	1 36	1 11	22 52	0 41	22 28	0 6	10 28	1 27	30 32	7 35	23 6	23 14	21 18			n.a.
T 4	14 24	9 57	4 36	3 13	2 57	16 6	0 7	2 26	0 51	1 41	1 11	22 52	0 41	22 28	0 6	10 28	1 27	30 32	7 35	23 5	23 13	21 17			n.a.
F 5	14 43	14 20	3 56	3 49	2 51	16 30	0 4	2 44	0 51	1 46	1 11	22 52	0 41	22 27	0 6	10 27	1 27	30 32	7 35	23 5	23 13	21 15			n.a.
S 6	15 1	17 59	3 6	4 27	2 45	16 54	0 2	3 1	0 50	1 51	1 12	22 52	0 41	22 27	0 6	10 27	1 27	30 31	7 35	23 4	23 13	21 14			n.a.
S 7	15 19	20 43	2 7	5 6	2 39	17 17	0n 1	3 19	0 50	1 57	1 12	22 52	0 41	22 27	0 6	10 27	1 27	30 31	7 35	23 4	23 13	21 13			n.a.
M 8	15 37	22 26	1 4	5 47	2 32	17 40	0 3	3 37	0 49	2 2	1 12	22 52	0 41	22 27	0 6	10 26	1 27	30 31	7 35	23 3	23 12	21 11			n.a.
T 9	15 55	23 4	0s 2	6 28	2 24	18 3	0 5	3 54	0 49	2 7	1 12	22 52	0 41	22 26	0 6	10 26	1 27	30 31	7 35	23 3	23 12	21 10			n.a.
W10	16 12	22 37	1 7	7 11	2 16	18 25	0 8	4 12	0 48	2 12	1 12	22 52	0 41	22 26	0 6	10 25	1 28	30 30	7 35	23 3	23 12	21 9			n.a.
T 11	16 29	21 9	2 8	7 55	2 8	18 46	0 10	4 29	0 48	2 17	1 12	22 52	0 41	22 26	0 6	10 25	1 28	30 30	7 35	23 4	23 12	21 7			n.a.
F 12	16 46	18 46	3 4	8 40	1 59	19 8	0 13	4 47	0 47	2 22	1 12	22 52	0 41	22 25	0 6	10 25	1 28	30 30	7 34	23 4	23 11	21 6			n.a.
S 13	17 3	15 36	3 53	9 26	1 49	19 28	0 15	5 4	0 47	2 27	1 12	22 51	0 41	22 25	0 6	10 24	1 28	30 30	7 34	23 4	23 11	21 4			n.a.
S 14	17 19	11 46	4 31	10 13	1 39	19 48	0 17	5 21	0 46	2 32	1 12	22 51	0 41	22 25	0 6	10 24	1 28	30 30	7 34	23 4	23 11	21 3			n.a.
M15	17 35	7 25	4 59	11 0	1 29	20 8	0 20	5 38	0 46	2 37	1 12	22 51	0 41	22 24	0 6	10 24	1 28	30 29	7 34	23 4	23 10	21 2			n.a.
T 16	17 51	2 40	5 13	11 48	1 19	20 27	0 22	5 56	0 45	2 42	1 12	22 51	0 41	22 24	0 6	10 23	1 28	30 29	7 34	23 4	23 10	21 0			n.a.
W17	18 7	2s20	5 12	12 36	1 8	20 45	0 24	6 13	0 45	2 46	1 13	22 51	0 41	22 24	0 6	10 23	1 28	30 29	7 34	23 4	23 10	20 59			n.a.
T 18	18 22	7 22	4 54	13 25	0 57	21 3	0 27	6 30	0 44	2 51	1 13	22 51	0 41	22 24	0 6	10 23	1 28	30 29	7 34	23 3	23 9	20 57			n.a.
F 19	18 37	12 13	4 20	14 13	0 46	21 21	0 29	6 47	0 44	2 56	1 13	22 51	0 41	22 23	0 6	10 23	1 28	30 28	7 34	23 3	23 9	20 56			n.a.
S 20	18 51	16 34	3 30	15 2	0 35	21 37	0 31	7 3	0 43	3 1	1 13	22 50	0 41	22 23	0 6	10 22	1 28	30 28	7 34	23 3	23 9	20 54			n.a.
S 21	19 6	20 3	2 25	15 50	0 24	21 54	0 34	7 20	0 43	3 5	1 13	22 50	0 41	22 23	0 6	10 22	1 28	30 28	7 34	23 2	23 9	20 53			n.a.
M22	19 20	22 18	1 10	16 37	0 13	22 9	0 36	7 37	0 42	3 10	1 13	22 50	0 41	22 22	0 6	10 22	1 28	30 28	7 33	23 2	23 8	20 52			n.a.
T 23	19 33	23 2	0n11	17 24	0 2	22 24	0 38	7 53	0 42	3 15	1 13	22 50	0 40	22 22	0 6	10 22	1 28	30 27	7 33	23 2	23 8	20 50			n.a.
W24	19 47	22 10	1 32	18 10	0n 9	22 38	0 40	8 10	0 41	3 19	1 13	22 50	0 40	22 22	0 6	10 21	1 28	30 27	7 33	23 2	23 8	20 49			n.a.
T 25	20 0	19 46	2 46	18 54	0 20	22 52	0 43	8 26	0 41	3 24	1 13	22 50	0 40	22 21	0 6	10 21	1 28	30 27	7 33	23 2	23 7	20 47			n.a.
F 26	20 13	16 7	3 48	19 37	0 30	23 5	0 45	8 43	0 40	3 29	1 13	22 49	0 40	22 21	0 6	10 21	1 28	30 27	7 33	23 2	23 7	20 46			n.a.
S 27	20 25	11 36	4 35	20 18	0 40	23 17	0 47	8 59	0 40	3 33	1 14	22 49	0 40	22 21	0 6	10 21	1 28	30 27	7 33	23 2	23 7	20 44			n.a.
S 28	20 37	6 33	5 5	20 57	0 49	23 29	0 49	9 15	0 39	3 38	1 14	22 49	0 40	22 20	0 6	10 21	1 29	30 26	7 33	23 2	23 6	20 43			n.a.
M29	20 49	1 16	5 16	21 34	0 58	23 40	0 51	9 31	0 38	3 42	1 14	22 49	0 40	22 20	0 6	10 20	1 29	30 26	7 33	23 2	23 6	20 41			n.a.
T 30	21 0	3n57	5 10	22 9	1 7	23 50	0 53	9 47	0 38	3 46	1 14	22 49	0 40	22 20	0 6	10 20	1 29	30 26	7 33	23 2	23 6	20 40			n.a.
W31	21n11	8n53	4n48	22n41	1n14	24n 0	0n55	10n 3	0s37	3n51	1s14	22s49	0n40	22s19	0s 6	10s20	1s29	30n26	7n33	23s 2	23s 6	20n38			n.a.

Julian Day Number = 1619638.5, Delta T = 03h48m19s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'06, Lahiri = - 7°48'05 Julian Calendar 1 May 279 BCE == Greg. Calendar 27 Apr. 279 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

JUNE 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 19 33	4♊51'19	24♈ 7	7♊34	18♊13	27♈58	12♈39	21°R47	9°R59	7♓13	14♋32	16°R30	17♐ 2	14♋14	n.a.	T 1
F 2	16 23 29	5°48'26	6♉46	9°43	19°27	28°40	12°50	21♐43	9♐57	7°14	14°34	16♐28	16°58	14°20	n.a.	F 2
S 3	16 27 26	6°45'34	19°13	11°50	20°41	29°22	13° 1	21°39	9°54	7°14	14°35	16°27	16°55	14°27	n.a.	S 3
S 4	16 31 22	7°42'41	1♊29	13°57	21°54	0♉ 4	13°12	21°35	9°52	7°15	14°37	16°27	16°52	14°34	n.a.	S 4
M 5	16 35 19	8°39'49	13°34	16° 2	23° 8	0°46	13°23	21°31	9°50	7°15	14°38	16°D26	16°49	14°40	n.a.	M 5
T 6	16 39 16	9°36'57	25°32	18° 5	24°21	1°27	13°33	21°26	9°47	7°15	14°40	16°26	16°46	14°47	n.a.	T 6
W 7	16 43 12	10°34'05	7♋23	20° 7	25°35	2° 9	13°44	21°22	9°45	7°15	14°41	16°27	16°43	14°54	n.a.	W 7
T 8	16 47 9	11°31'13	19°12	22° 7	26°48	2°50	13°55	21°18	9°42	7°16	14°43	16°27	16°39	15° 0	n.a.	T 8
F 9	16 51 5	12°28'21	1♌ 0	24° 6	28° 2	3°32	14° 5	21°14	9°40	7°16	14°44	16°28	16°36	15° 7	n.a.	F 9
S 10	16 55 2	13°25'30	12°52	26° 2	29°15	4°13	14°16	21° 9	9°37	7°16	14°46	16°28	16°33	15°14	n.a.	S 10
S 11	16 58 58	14°22'38	24°51	27°57	0♋29	4°55	14°26	21° 5	9°35	7°16	14°48	16°28	16°30	15°20	n.a.	S 11
M12	17 2 55	15°19'46	7♍ 1	29°50	1°42	5°36	14°36	21° 0	9°33	7°16	14°49	16°28	16°27	15°27	n.a.	M12
T 13	17 6 51	16°16'55	19°27	1♋41	2°56	6°17	14°46	20°56	9°30	7°16	14°51	16°28	16°23	15°34	n.a.	T 13
W14	17 10 48	17°14'04	2♎13	3°30	4° 9	6°58	14°56	20°52	9°28	7°16	14°53	16°28	16°20	15°40	n.a.	W14
T 15	17 14 45	18°11'13	15°22	5°18	5°23	7°39	15° 6	20°47	9°25	7°R16	14°54	16°29	16°17	15°47	n.a.	T 15
F 16	17 18 41	19° 8'22	28°57	7° 3	6°36	8°20	15°16	20°43	9°23	7°16	14°56	16°29	16°14	15°54	n.a.	F 16
S 17	17 22 38	20° 5'31	12♏59	8°47	7°50	9° 1	15°25	20°38	9°21	7°16	14°58	16°29	16°11	16° 0	n.a.	S 17
S 18	17 26 34	21° 2'41	27°25	10°29	9° 3	9°42	15°35	20°34	9°18	7°16	14°59	16°29	16° 8	16° 7	n.a.	S 18
M19	17 30 31	21°59'52	12♐12	12° 8	10°17	10°23	15°44	20°30	9°16	7°16	15° 1	16°R30	16° 4	16°14	n.a.	M19
T 20	17 34 27	22°57'03	27°14	13°46	11°30	11° 3	15°53	20°25	9°14	7°16	15° 3	16°29	16° 1	16°20	n.a.	T 20
W21	17 38 24	23°54'15	12♑21	15°23	12°44	11°44	16° 2	20°21	9°11	7°16	15° 4	16°29	15°58	16°27	n.a.	W21
T 22	17 42 20	24°51'27	27°24	16°57	13°57	12°25	16°11	20°16	9° 9	7°16	15° 6	16°28	15°55	16°34	n.a.	T 22
F 23	17 46 17	25°48'41	12♒16	18°29	15°10	13° 5	16°20	20°12	9° 7	7°15	15° 8	16°27	15°52	16°40	n.a.	F 23
S 24	17 50 14	26°45'55	26°50	20° 0	16°24	13°45	16°29	20° 8	9° 4	7°15	15°10	16°26	15°49	16°47	n.a.	S 24
S 25	17 54 10	27°43'10	11♓ 0	21°28	17°37	14°26	16°38	20° 3	9° 2	7°15	15°11	16°25	15°45	16°54	n.a.	S 25
M26	17 58 7	28°40'27	24°47	22°55	18°51	15° 6	16°46	19°59	9° 0	7°14	15°13	16°D25	15°42	17° 0	n.a.	M26
T 27	18 2 3	29°37'44	8♈10	24°20	20° 4	15°46	16°55	19°54	8°58	7°14	15°15	16°25	15°39	17° 7	n.a.	T 27
W28	18 6 0	0♋35'03	21°10	25°42	21°18	16°27	17° 3	19°50	8°55	7°14	15°17	16°26	15°36	17°14	n.a.	W28
T 29	18 9 56	1°32'23	3♉51	27° 3	22°31	17° 7	17°11	19°46	8°53	7°13	15°18	16°27	15°33	17°20	n.a.	T 29
F 30	18 13 53	2♋29'44	16♉16	28♋22	23♋44	17♉47	17♈19	19♐42	8♐51	7♓13	15♋20	16♐28	15♐29	17♋27	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n22	13n20	4n11	23n11	1n22	24n 9	0n57	10n19	0s37	3n55	1s14	22s48	0n40	22s19	0s 6	10s20	1s29	30n25	7n33	23s 2	23s 5	20n37		n.a.
F 2	21 32	17 7	3 23	23 37	1 28	24 17	0 59	10 34	0 36	3 59	1 14	22 48	0 40	22 19	0 6	10 20	1 29	30 25	7 33	23 2	23 5	20 35		n.a.
S 3	21 42	20 4	2 25	24 2	1 34	24 25	1 1	10 50	0 36	4 3	1 14	22 48	0 40	22 18	0 6	10 20	1 29	30 25	7 33	23 2	23 5	20 34		n.a.
S 4	21 52	22 3	1 22	24 23	1 39	24 31	1 3	11 5	0 35	4 8	1 15	22 48	0 40	22 18	0 6	10 20	1 29	30 25	7 33	23 2	23 4	20 32		n.a.
M 5	22 1	22 58	0 16	24 42	1 43	24 37	1 5	11 20	0 34	4 12	1 15	22 48	0 40	22 17	0 6	10 20	1 29	30 24	7 33	23 2	23 4	20 31		n.a.
T 6	22 10	22 49	0s50	24 58	1 47	24 43	1 6	11 36	0 34	4 16	1 15	22 47	0 40	22 17	0 6	10 20	1 29	30 24	7 32	23 2	23 4	20 29		n.a.
W 7	22 18	21 38	1 54	25 11	1 50	24 47	1 8	11 51	0 33	4 20	1 15	22 47	0 39	22 17	0 6	10 20	1 29	30 24	7 32	23 2	23 3	20 28		n.a.
T 8	22 26	19 30	2 52	25 22	1 52	24 51	1 10	12 6	0 33	4 24	1 15	22 47	0 39	22 16	0 6	10 19	1 29	30 24	7 32	23 2	23 3	20 26		n.a.
F 9	22 34	16 33	3 43	25 29	1 54	24 54	1 12	12 21	0 32	4 28	1 15	22 47	0 39	22 16	0 6	10 19	1 29	30 24	7 32	23 2	23 3	20 25		n.a.
S 10	22 41	12 55	4 25	25 35	1 55	24 57	1 13	12 35	0 31	4 32	1 15	22 47	0 39	22 16	0 6	10 19	1 29	30 23	7 32	23 2	23 2	20 23		n.a.
S 11	22 48	8 45	4 55	25 38	1 55	24 58	1 15	12 50	0 31	4 36	1 16	22 46	0 39	22 15	0 6	10 19	1 29	30 23	7 32	23 2	23 2	20 22		n.a.
M12	22 55	4 12	5 13	25 38	1 55	24 59	1 16	13 4	0 30	4 40	1 16	22 46	0 39	22 15	0 6	10 19	1 29	30 23	7 32	23 2	23 2	20 20		n.a.
T 13	23 1	0s38	5 17	25 37	1 54	24 59	1 18	13 19	0 29	4 43	1 16	22 46	0 39	22 15	0 6	10 19	1 29	30 23	7 32	23 2	23 1	20 19		n.a.
W14	23 6	5 33	5 6	25 33	1 52	24 59	1 19	13 33	0 29	4 47	1 16	22 46	0 39	22 14	0 6	10 20	1 30	30 22	7 32	23 2	23 1	20 17		n.a.
T 15	23 12	10 23	4 38	25 27	1 50	24 57	1 20	13 47	0 28	4 51	1 16	22 45	0 39	22 14	0 6	10 20	1 30	30 22	7 32	23 2	23 1	20 16		n.a.
F 16	23 17	14 53	3 55	25 19	1 47	24 55	1 22	14 1	0 28	4 54	1 16	22 45	0 39	22 14	0 6	10 20	1 30	30 22	7 32	23 2	23 0	20 14		n.a.
S 17	23 21	18 42	2 56	25 10	1 44	24 52	1 23	14 15	0 27	4 58	1 17	22 45	0 39	22 13	0 6	10 20	1 30	30 22	7 32	23 2	23 0	20 13		n.a.
S 18	23 25	21 30	1 44	24 58	1 40	24 49	1 24	14 29	0 26	5 2	1 17	22 45	0 39	22 13	0 6	10 20	1 30	30 22	7 32	23 2	23 0	20 11		n.a.
M19	23 29	22 55	0 24	24 45	1 36	24 44	1 25	14 42	0 26	5 5	1 17	22 45	0 39	22 12	0 6	10 20	1 30	30 21	7 32	23 2	22 59	20 9		n.a.
T 20	23 32	22 43	0n59	24 31	1 31	24 39	1 26	14 56	0 25	5 9	1 17	22 44	0 38	22 12	0 6	10 20	1 30	30 21	7 32	23 2	22 59	20 8		n.a.
W21	23 35	20 51	2 19	24 15	1 25	24 33	1 27	15 9	0 24	5 12	1 17	22 44	0 38	22 12	0 6	10 20	1 30	30 21	7 32	23 2	22 59	20 6		n.a.
T 22	23 38	17 32	3 28	23 57	1 20	24 27	1 28	15 22	0 24	5 15	1 17	22 44	0 38	22 11	0 6	10 20	1 30	30 21	7 32	23 2	22 58	20 5		n.a.
F 23	23 40	13 7	4 23	23 39	1 13	24 19	1 29	15 35	0 23	5 19	1 18	22 44	0 38	22 11	0 6	10 20	1 30	30 20	7 32	23 2	22 58	20 3		n.a.
S 24	23 41	8 3	4 59	23 19	1 7	24 11	1 30	15 48	0 22	5 22	1 18	22 43	0 38	22 11	0 6	10 21	1 30	30 20	7 32	23 2	22 58	20 2		n.a.
S 25	23 43	2 40	5 16	22 58	1 0	24 3	1 30	16 1	0 22	5 25	1 18	22 43	0 38	22 10	0 6	10 21	1 30	30 20	7 32	23 2	22 57	20 0		n.a.
M26	23 43	2n42	5 14	22 37	0 52	23 53	1 31	16 14	0 21	5 28	1 18	22 43	0 38	22 10	0 6	10 21	1 30	30 20	7 32	23 2	22 57	19 58		n.a.
T 27	23 44	7 46	4 55	22 14	0 44	23 43	1 32	16 26	0 20	5 31	1 18	22 43	0 38	22 10	0 6	10 21	1 30	30 20	7 32	23 2	22 57	19 57		n.a.
W28	23 44	12 22	4 21	21 51	0 36	23 32	1 32	16 39	0 19	5 34	1 18	22 42	0 38	22 9	0 6	10 21	1 30	30 19	7 32	23 2	22 56	19 55		n.a.
T 29	23 43	16 19	3 35	21 27	0 28	23 21	1 33	16 51	0 19	5 37	1 19	22 42	0 38	22 9	0 6	10 22	1 30	30 19	7 32	23 2	22 56	19 54		n.a.
F 30	23n42	19n27	2n40	21n 3	0n19	23n 8	1n33	17n 3	0s18	5n40	1s19	22s42	0n37	22s 9	0s 6	10s22	1s30	30n19	7n32	23s 2	22s56	19n52		n.a.

Julian Day Number = 1619669.5, Delta T = 03h48m17s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°55'01, Lahiri = - 7°48'01 Julian Calendar 1 June 279 BCE == Greg. Calendar 28 May 279 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

JULY 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 17 49	3♋27'07	28♉29	29♋39	24♋58	18♉27	17♈27	19°R37	8°R49	7°R12	15♋22	16♐29	15♐26	17♋34	n.a.	S 1
S 2	18 21 46	4°24'30	10♊32	0♌53	26°11	19° 7	17°35	19♐33	8♐47	7♓12	15°24	16°R30	15°23	17°40	n.a.	S 2
M 3	18 25 43	5°21'55	22°27	2° 5	27°24	19°46	17°42	19°29	8°45	7°11	15°26	16°30	15°20	17°47	n.a.	M 3
T 4	18 29 39	6°19'21	4♋18	3°15	28°38	20°26	17°50	19°25	8°43	7°11	15°28	16°29	15°17	17°54	n.a.	T 4
W 5	18 33 36	7°16'48	16° 7	4°23	29°51	21° 6	17°57	19°21	8°41	7°10	15°29	16°27	15°14	18° 0	n.a.	W 5
T 6	18 37 32	8°14'16	27°55	5°28	1♌ 4	21°45	18° 4	19°17	8°39	7° 9	15°31	16°24	15°10	18° 7	n.a.	T 6
F 7	18 41 29	9°11'45	9♌46	6°30	2°18	22°25	18°11	19°13	8°37	7° 9	15°33	16°21	15° 7	18°14	n.a.	F 7
S 8	18 45 25	10° 9'15	21°41	7°30	3°31	23° 4	18°18	19° 9	8°35	7° 8	15°35	16°17	15° 4	18°20	n.a.	S 8
S 9	18 49 22	11° 6'46	3♍42	8°27	4°44	23°44	18°24	19° 5	8°33	7° 7	15°37	16°13	15° 1	18°27	n.a.	S 9
M10	18 53 19	12° 4'18	15°54	9°22	5°58	24°23	18°31	19° 1	8°31	7° 6	15°38	16°10	14°58	18°34	n.a.	M10
T 11	18 57 15	13° 1'52	28°20	10°13	7°11	25° 2	18°37	18°57	8°29	7° 6	15°40	16° 8	14°55	18°40	n.a.	T 11
W12	19 1 12	13°59'26	11♎ 2	11° 0	8°24	25°41	18°43	18°53	8°27	7° 5	15°42	16°D 7	14°51	18°47	n.a.	W12
T 13	19 5 8	14°57'01	24° 5	11°45	9°38	26°20	18°49	18°49	8°25	7° 4	15°44	16° 7	14°48	18°54	n.a.	T 13
F 14	19 9 5	15°54'37	7♏33	12°26	10°51	26°59	18°55	18°46	8°24	7° 3	15°46	16° 9	14°45	19° 0	n.a.	F 14
S 15	19 13 1	16°52'15	21°26	13° 3	12° 4	27°38	19° 1	18°42	8°22	7° 2	15°48	16°10	14°42	19° 7	n.a.	S 15
S 16	19 16 58	17°49'54	5♐45	13°36	13°17	28°17	19° 7	18°38	8°20	7° 1	15°50	16°11	14°39	19°14	n.a.	S 16
M17	19 20 54	18°47'34	20°28	14° 5	14°30	28°56	19°12	18°35	8°18	7° 0	15°51	16°R11	14°35	19°20	n.a.	M17
T 18	19 24 51	19°45'15	5♑31	14°29	15°44	29°35	19°17	18°31	8°17	6°59	15°53	16°10	14°32	19°27	n.a.	T 18
W19	19 28 48	20°42'58	20°45	14°49	16°57	0♊13	19°22	18°28	8°15	6°58	15°55	16° 8	14°29	19°34	n.a.	W19
T 20	19 32 44	21°40'42	6♒ 0	15° 3	18°10	0°52	19°27	18°25	8°14	6°57	15°57	16° 3	14°26	19°40	n.a.	T 20
F 21	19 36 41	22°38'27	21° 5	15°13	19°23	1°30	19°32	18°21	8°12	6°56	15°59	15°58	14°23	19°47	n.a.	F 21
S 22	19 40 37	23°36'15	5♓53	15°R17	20°36	2° 9	19°36	18°18	8°11	6°55	16° 1	15°53	14°20	19°54	n.a.	S 22
S 23	19 44 34	24°34'04	20°16	15°16	21°49	2°47	19°41	18°15	8° 9	6°54	16° 2	15°48	14°16	20° 0	n.a.	S 23
M24	19 48 30	25°31'55	4♈11	15° 9	23° 2	3°25	19°45	18°12	8° 8	6°53	16° 4	15°45	14°13	20° 7	n.a.	M24
T 25	19 52 27	26°29'48	17°37	14°56	24°15	4° 3	19°49	18° 9	8° 7	6°52	16° 6	15°43	14°10	20°14	n.a.	T 25
W26	19 56 23	27°27'42	0♉37	14°37	25°28	4°41	19°53	18° 6	8° 5	6°51	16° 8	15°D42	14° 7	20°20	n.a.	W26
T 27	20 0 20	28°25'39	13°14	14°12	26°41	5°19	19°56	18° 3	8° 4	6°49	16°10	15°43	14° 4	20°27	n.a.	T 27
F 28	20 4 17	29°23'38	25°32	13°42	27°54	5°57	20° 0	18° 0	8° 3	6°48	16°11	15°45	14° 1	20°34	n.a.	F 28
S 29	20 8 13	0♌21'39	7♊37	13° 5	29° 7	6°35	20° 3	17°58	8° 2	6°47	16°13	15°46	13°57	20°41	n.a.	S 29
S 30	20 12 10	1°19'42	19°32	12°24	0♍20	7°13	20° 6	17°55	8° 0	6°46	16°15	15°R46	13°54	20°47	n.a.	S 30
M31	20 16 6	2♌17'47	1♋22	11♌37	1♍33	7♊50	20♈ 9	17♐53	7♐59	6♓44	16♋17	15♐45	13♐51	20♋54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n41	21n39	1n38	20n38	0n10	22n55	1n33	17n15	0s17	5n43	1s19	22s42	0n37	22s 8	0s 6	10s22	1s30	30n19	7n32	23s 2	22s55	19n50		n.a.
S 2	23 39	22 50	0 33	20 12	0 0	22 42	1 34	17 27	0 17	5 46	1 19	22 42	0 37	22 8	0 6	10 22	1 31	30 19	7 32	23 2	22 55	19 49		n.a.
M 3	23 37	22 58	0s33	19 47	0s10	22 28	1 34	17 38	0 16	5 48	1 19	22 41	0 37	22 8	0 6	10 23	1 31	30 18	7 32	23 2	22 55	19 47		n.a.
T 4	23 35	22 3	1 37	19 21	0 20	22 13	1 34	17 50	0 15	5 51	1 20	22 41	0 37	22 7	0 6	10 23	1 31	30 18	7 32	23 2	22 54	19 46		n.a.
W 5	23 32	20 9	2 36	18 55	0 30	21 57	1 34	18 1	0 14	5 54	1 20	22 41	0 37	22 7	0 6	10 23	1 31	30 18	7 32	23 2	22 54	19 44		n.a.
T 6	23 28	17 25	3 29	18 28	0 41	21 41	1 34	18 12	0 14	5 56	1 20	22 41	0 37	22 7	0 6	10 23	1 31	30 18	7 32	23 1	22 54	19 42		n.a.
F 7	23 24	13 58	4 13	18 2	0 51	21 24	1 34	18 23	0 13	5 59	1 20	22 40	0 37	22 6	0 6	10 24	1 31	30 18	7 32	23 1	22 53	19 41		n.a.
S 8	23 20	9 57	4 46	17 37	1 2	21 7	1 34	18 34	0 12	6 1	1 20	22 40	0 37	22 6	0 6	10 24	1 31	30 18	7 33	23 1	22 53	19 39		n.a.
S 9	23 15	5 31	5 7	17 11	1 14	20 49	1 33	18 45	0 12	6 4	1 21	22 40	0 36	22 6	0 6	10 24	1 31	30 17	7 33	23 0	22 52	19 38		n.a.
M10	23 10	0 49	5 14	16 46	1 25	20 30	1 33	18 55	0 11	6 6	1 21	22 40	0 36	22 6	0 6	10 25	1 31	30 17	7 33	23 0	22 52	19 36		n.a.
T 11	23 5	4s 1	5 7	16 21	1 36	20 11	1 33	19 6	0 10	6 8	1 21	22 40	0 36	22 5	0 6	10 25	1 31	30 17	7 33	23 0	22 52	19 34		n.a.
W12	22 59	8 46	4 45	15 57	1 48	19 52	1 32	19 16	0 9	6 10	1 21	22 39	0 36	22 5	0 6	10 25	1 31	30 17	7 33	23 0	22 51	19 33		n.a.
T 13	22 53	13 17	4 8	15 34	1 59	19 31	1 32	19 26	0 9	6 13	1 21	22 39	0 36	22 5	0 6	10 26	1 31	30 17	7 33	23 0	22 51	19 31		n.a.
F 14	22 46	17 17	3 16	15 11	2 11	19 11	1 31	19 36	0 8	6 15	1 22	22 39	0 36	22 4	0 6	10 26	1 31	30 17	7 33	23 0	22 51	19 29		n.a.
S 15	22 39	20 27	2 12	14 49	2 23	18 49	1 30	19 45	0 7	6 17	1 22	22 39	0 36	22 4	0 6	10 26	1 31	30 16	7 33	23 0	22 50	19 28		n.a.
S 16	22 31	22 27	0 57	14 29	2 34	18 28	1 29	19 55	0 6	6 18	1 22	22 39	0 36	22 4	0 6	10 27	1 31	30 16	7 33	23 0	22 50	19 26		n.a.
M17	22 24	23 0	0n23	14 10	2 46	18 5	1 29	20 4	0 5	6 20	1 22	22 38	0 36	22 4	0 6	10 27	1 31	30 16	7 33	23 0	22 50	19 24		n.a.
T 18	22 15	21 53	1 44	13 52	2 57	17 43	1 28	20 14	0 5	6 22	1 22	22 38	0 35	22 3	0 6	10 28	1 31	30 16	7 33	23 0	22 49	19 23		n.a.
W19	22 7	19 11	2 57	13 35	3 8	17 19	1 27	20 23	0 4	6 24	1 23	22 38	0 35	22 3	0 6	10 28	1 31	30 16	7 33	23 0	22 49	19 21		n.a.
T 20	21 58	15 9	3 59	13 21	3 19	16 56	1 26	20 32	0 3	6 26	1 23	22 38	0 35	22 3	0 6	10 29	1 31	30 16	7 33	22 59	22 48	19 19		n.a.
F 21	21 48	10 11	4 42	13 8	3 30	16 31	1 25	20 40	0 2	6 27	1 23	22 38	0 35	22 3	0 6	10 29	1 32	30 16	7 34	22 59	22 48	19 18		n.a.
S 22	21 38	4 43	5 6	12 57	3 40	16 7	1 23	20 49	0 2	6 29	1 23	22 38	0 35	22 2	0 6	10 29	1 32	30 15	7 34	22 58	22 48	19 16		n.a.
S 23	21 28	0n51	5 10	12 48	3 49	15 42	1 22	20 57	0 1	6 30	1 23	22 37	0 35	22 2	0 6	10 30	1 32	30 15	7 34	22 58	22 47	19 14		n.a.
M24	21 17	6 11	4 55	12 42	3 58	15 16	1 21	21 6	0n 0	6 32	1 24	22 37	0 35	22 2	0 6	10 30	1 32	30 15	7 34	22 57	22 47	19 13		n.a.
T 25	21 7	11 3	4 24	12 38	4 6	14 50	1 19	21 14	0 1	6 33	1 24	22 37	0 35	22 2	0 6	10 31	1 32	30 15	7 34	22 57	22 47	19 11		n.a.
W26	20 55	15 16	3 41	12 37	4 12	14 24	1 18	21 22	0 2	6 34	1 24	22 37	0 34	22 2	0 6	10 31	1 32	30 15	7 34	22 57	22 46	19 9		n.a.
T 27	20 43	18 39	2 47	12 39	4 18	13 58	1 16	21 29	0 2	6 35	1 24	22 37	0 34	22 1	0 6	10 32	1 32	30 15	7 34	22 57	22 46	19 8		n.a.
F 28	20 31	21 7	1 48	12 43	4 23	13 31	1 15	21 37	0 3	6 36	1 25	22 37	0 34	22 1	0 6	10 32	1 32	30 15	7 34	22 57	22 45	19 6		n.a.
S 29	20 19	22 34	0 44	12 50	4 26	13 3	1 13	21 44	0 4	6 37	1 25	22 37	0 34	22 1	0 6	10 33	1 32	30 15	7 34	22 57	22 45	19 4		n.a.
S 30	20 6	22 58	0s20	13 1	4 28	12 36	1 11	21 51	0 5	6 38	1 25	22 36	0 34	22 1	0 6	10 33	1 32	30 14	7 35	22 57	22 45	19 2		n.a.
M31	19n53	22n20	1s23	13n13	4s27	12n 8	1n 9	21n59	0n 6	6n39	1s25	22s36	0n34	22s 1	0s 6	10s34	1s32	30n14	7n35	22s57	22s44	19n 1		n.a.

Julian Day Number = 1619699.5, Delta T = 03h48m16s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'57, Lahiri = - 7°47'57 Julian Calendar 1 July 279 BCE == Greg. Calendar 27 June 279 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

AUGUST 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 20 3	3♌15'53	13♋10	10°R47	2♍46	8♊28	20♈12	17°R50	7°R58	6°R43	16♋19	15°R41	13♐48	21♋ 1	n.a.	T 1
W 2	20 23 59	4°14'02	24°58	9♌53	3°59	9° 5	20°14	17♐48	7♐57	6♓42	16°20	15♐35	13°45	21° 7	n.a.	W 2
T 3	20 27 56	5°12'12	6♌50	8°56	5°12	9°43	20°17	17°45	7°56	6°40	16°22	15°28	13°41	21°14	n.a.	T 3
F 4	20 31 52	6°10'24	18°46	7°58	6°25	10°20	20°19	17°43	7°55	6°39	16°24	15°19	13°38	21°21	n.a.	F 4
S 5	20 35 49	7° 8'38	0♍48	7° 0	7°38	10°57	20°21	17°41	7°55	6°38	16°26	15° 9	13°35	21°27	n.a.	S 5
S 6	20 39 46	8° 6'54	12°58	6° 3	8°51	11°34	20°22	17°39	7°54	6°36	16°27	14°59	13°32	21°34	n.a.	S 6
M 7	20 43 42	9° 5'11	25°17	5° 9	10° 3	12°11	20°24	17°37	7°53	6°35	16°29	14°50	13°29	21°41	n.a.	M 7
T 8	20 47 39	10° 3'30	7♎48	4°18	11°16	12°48	20°25	17°35	7°52	6°33	16°31	14°44	13°26	21°47	n.a.	T 8
W 9	20 51 35	11° 1'51	20°33	3°32	12°29	13°25	20°26	17°34	7°52	6°32	16°32	14°40	13°22	21°54	n.a.	W 9
T 10	20 55 32	12° 0'13	3♏34	2°52	13°42	14° 2	20°27	17°32	7°51	6°30	16°34	14°38	13°19	22° 1	n.a.	T 10
F 11	20 59 28	12°58'38	16°54	2°19	14°54	14°39	20°28	17°30	7°50	6°29	16°36	14°D37	13°16	22° 7	n.a.	F 11
S 12	21 3 25	13°57'04	0♐37	1°53	16° 7	15°15	20°29	17°29	7°50	6°27	16°38	14°38	13°13	22°14	n.a.	S 12
S 13	21 7 21	14°55'31	14°43	1°37	17°20	15°52	20°29	17°27	7°49	6°26	16°39	14°R38	13°10	22°21	n.a.	S 13
M14	21 11 18	15°54'01	29°12	1°D29	18°32	16°28	20°R29	17°26	7°49	6°24	16°41	14°38	13° 7	22°27	n.a.	M14
T 15	21 15 14	16°52'32	14♑ 1	1°30	19°45	17° 4	20°29	17°25	7°48	6°23	16°43	14°35	13° 3	22°34	n.a.	T 15
W16	21 19 11	17°51'05	29° 5	1°41	20°57	17°41	20°29	17°24	7°48	6°21	16°44	14°29	13° 0	22°41	n.a.	W16
T 17	21 23 8	18°49'40	14♒16	2° 2	22°10	18°17	20°28	17°23	7°48	6°20	16°46	14°21	12°57	22°47	n.a.	T 17
F 18	21 27 4	19°48'17	29°22	2°31	23°22	18°53	20°28	17°22	7°48	6°18	16°47	14°12	12°54	22°54	n.a.	F 18
S 19	21 31 1	20°46'56	14♓14	3° 9	24°35	19°28	20°27	17°21	7°47	6°16	16°49	14° 2	12°51	23° 1	n.a.	S 19
S 20	21 34 57	21°45'37	28°43	3°56	25°47	20° 4	20°26	17°20	7°47	6°15	16°51	13°52	12°47	23° 7	n.a.	S 20
M21	21 38 54	22°44'20	12♈45	4°51	27° 0	20°40	20°25	17°20	7°47	6°13	16°52	13°45	12°44	23°14	n.a.	M21
T 22	21 42 50	23°43'06	26°17	5°54	28°12	21°16	20°23	17°19	7°D47	6°12	16°54	13°39	12°41	23°21	n.a.	T 22
W23	21 46 47	24°41'54	9♉21	7° 3	29°24	21°51	20°22	17°19	7°47	6°10	16°55	13°36	12°38	23°27	n.a.	W23
T 24	21 50 43	25°40'44	22° 0	8°18	0♎37	22°26	20°20	17°18	7°47	6° 8	16°57	13°D35	12°35	23°34	n.a.	T 24
F 25	21 54 40	26°39'37	4♊18	9°39	1°49	23° 2	20°18	17°18	7°47	6° 7	16°58	13°35	12°32	23°41	n.a.	F 25
S 26	21 58 37	27°38'33	16°21	11° 6	3° 1	23°37	20°15	17°18	7°48	6° 5	17° 0	13°R36	12°28	23°47	n.a.	S 26
S 27	22 2 33	28°37'30	28°14	12°36	4°13	24°12	20°13	17°D18	7°48	6° 3	17° 1	13°35	12°25	23°54	n.a.	S 27
M28	22 6 30	29°36'30	10♋ 2	14°10	5°26	24°47	20°10	17°18	7°48	6° 2	17° 3	13°32	12°22	24° 1	n.a.	M28
T 29	22 10 26	0♍35'33	21°50	15°47	6°38	25°22	20° 8	17°18	7°48	6° 0	17° 4	13°26	12°19	24° 7	n.a.	T 29
W30	22 14 23	1°34'37	3♌41	17°27	7°50	25°56	20° 5	17°18	7°49	5°58	17° 5	13°18	12°16	24°14	n.a.	W30
T 31	22 18 19	2♍33'44	15♌38	19♌ 8	9♎ 2	26♊31	20♈ 1	17♐19	7♐49	5♓57	17♋ 7	13♐ 7	12♐13	24♋21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n40	20n42	2s23	13n29	4s25	11n39	1n 7	22n 5	0n 7	6n40	1s25	22s36	0n34	22s 0	0s 6	10s34	1s32	30n14	7n35	22s57	22s44	18n59		n.a.
W 2	19 26	18 11	3 15	13 47	4 22	11 11	1 5	22 12	0 7	6 41	1 26	22 36	0 34	22 0	0 6	10 35	1 32	30 14	7 35	22 56	22 44	18 57		n.a.
T 3	19 12	14 55	4 0	14 8	4 16	10 42	1 3	22 19	0 8	6 42	1 26	22 36	0 33	22 0	0 6	10 35	1 32	30 14	7 35	22 55	22 43	18 56		n.a.
F 4	18 57	11 2	4 34	14 30	4 8	10 13	1 1	22 25	0 9	6 42	1 26	22 36	0 33	22 0	0 6	10 36	1 32	30 14	7 35	22 54	22 43	18 54		n.a.
S 5	18 43	6 42	4 56	14 54	3 58	9 43	0 59	22 31	0 10	6 43	1 26	22 36	0 33	22 0	0 6	10 37	1 32	30 14	7 35	22 53	22 42	18 52		n.a.
S 6	18 27	2 4	5 6	15 19	3 47	9 14	0 57	22 37	0 11	6 43	1 27	22 36	0 33	22 0	0 6	10 37	1 32	30 14	7 35	22 52	22 42	18 50		n.a.
M 7	18 12	2s42	5 1	15 45	3 34	8 44	0 55	22 43	0 12	6 44	1 27	22 36	0 33	22 0	0 6	10 38	1 32	30 14	7 36	22 51	22 42	18 49		n.a.
T 8	17 56	7 26	4 42	16 12	3 19	8 14	0 52	22 49	0 13	6 44	1 27	22 36	0 33	22 0	0 6	10 38	1 32	30 14	7 36	22 51	22 41	18 47		n.a.
W 9	17 40	11 56	4 8	16 38	3 3	7 43	0 50	22 55	0 14	6 44	1 27	22 36	0 33	21 59	0 6	10 39	1 32	30 14	7 36	22 50	22 41	18 45		n.a.
T 10	17 24	16 0	3 22	17 4	2 45	7 13	0 47	23 0	0 14	6 44	1 27	22 36	0 33	21 59	0 6	10 39	1 32	30 14	7 36	22 50	22 40	18 44		n.a.
F 11	17 7	19 22	2 23	17 30	2 27	6 42	0 45	23 5	0 15	6 44	1 28	22 36	0 32	21 59	0 6	10 40	1 32	30 13	7 36	22 50	22 40	18 42		n.a.
S 12	16 50	21 44	1 14	17 53	2 9	6 11	0 42	23 10	0 16	6 44	1 28	22 36	0 32	21 59	0 6	10 41	1 32	30 13	7 36	22 50	22 40	18 40		n.a.
S 13	16 33	22 50	0n 0	18 16	1 50	5 40	0 40	23 15	0 17	6 44	1 28	22 36	0 32	21 59	0 6	10 41	1 32	30 13	7 37	22 50	22 39	18 38		n.a.
M14	16 16	22 27	1 17	18 36	1 31	5 9	0 37	23 20	0 18	6 44	1 28	22 36	0 32	21 59	0 6	10 42	1 32	30 13	7 37	22 50	22 39	18 37		n.a.
T 15	15 58	20 30	2 30	18 54	1 12	4 38	0 34	23 24	0 19	6 44	1 28	22 36	0 32	21 59	0 6	10 42	1 32	30 13	7 37	22 49	22 38	18 35		n.a.
W16	15 40	17 6	3 34	19 9	0 53	4 6	0 31	23 29	0 20	6 44	1 29	22 36	0 32	21 59	0 6	10 43	1 32	30 13	7 37	22 49	22 38	18 33		n.a.
T 17	15 22	12 33	4 23	19 22	0 36	3 35	0 29	23 33	0 21	6 43	1 29	22 36	0 32	21 59	0 6	10 44	1 32	30 13	7 37	22 48	22 38	18 31		n.a.
F 18	15 3	7 15	4 53	19 32	0 18	3 3	0 26	23 37	0 22	6 43	1 29	22 36	0 31	21 59	0 6	10 44	1 32	30 13	7 38	22 47	22 37	18 29		n.a.
S 19	14 44	1 37	5 3	19 39	0 2	2 32	0 23	23 41	0 23	6 42	1 29	22 36	0 31	21 59	0 6	10 45	1 33	30 13	7 38	22 46	22 37	18 28		n.a.
S 20	14 25	3n57	4 53	19 43	0n13	2 0	0 20	23 45	0 24	6 42	1 30	22 36	0 31	21 59	0 6	10 45	1 33	30 13	7 38	22 44	22 36	18 26		n.a.
M21	14 6	9 10	4 26	19 44	0 28	1 28	0 17	23 48	0 24	6 41	1 30	22 36	0 31	21 59	0 7	10 46	1 33	30 13	7 38	22 44	22 36	18 24		n.a.
T 22	13 47	13 44	3 44	19 41	0 41	0 56	0 14	23 52	0 25	6 40	1 30	22 36	0 31	21 59	0 7	10 47	1 33	30 13	7 38	22 43	22 36	18 22		n.a.
W23	13 27	17 29	2 51	19 35	0 53	0 24	0 11	23 55	0 26	6 39	1 30	22 36	0 31	21 59	0 7	10 47	1 33	30 13	7 38	22 43	22 35	18 21		n.a.
T 24	13 7	20 17	1 52	19 26	1 4	0s 8	0 7	23 58	0 27	6 39	1 30	22 36	0 31	21 59	0 7	10 48	1 33	30 13	7 39	22 42	22 35	18 19		n.a.
F 25	12 47	22 4	0 49	19 13	1 13	0 40	0 4	24 1	0 28	6 38	1 31	22 36	0 31	21 59	0 7	10 49	1 33	30 13	7 39	22 42	22 34	18 17		n.a.
S 26	12 26	22 47	0s15	18 58	1 22	1 12	0 1	24 4	0 29	6 37	1 31	22 37	0 30	21 59	0 7	10 49	1 33	30 13	7 39	22 42	22 34	18 15		n.a.
S 27	12 6	22 26	1 17	18 39	1 29	1 44	0s 2	24 6	0 30	6 36	1 31	22 37	0 30	21 59	0 7	10 50	1 33	30 13	7 39	22 42	22 33	18 13		n.a.
M28	11 45	21 6	2 15	18 18	1 36	2 16	0 6	24 9	0 31	6 34	1 31	22 37	0 30	21 59	0 7	10 50	1 33	30 13	7 40	22 42	22 33	18 12		n.a.
T 29	11 24	18 51	3 8	17 54	1 41	2 48	0 9	24 11	0 32	6 33	1 31	22 37	0 30	21 59	0 7	10 51	1 33	30 13	7 40	22 41	22 33	18 10		n.a.
W30	11 3	15 48	3 52	17 28	1 45	3 20	0 12	24 13	0 33	6 32	1 31	22 37	0 30	21 59	0 7	10 52	1 33	30 13	7 40	22 40	22 32	18 8		n.a.
T 31	10n41	12n 6	4s27	16n59	1n49	3s52	0s16	24n15	0n34	6n30	1s32	22s37	0n30	21s59	0s 7	10s52	1s33	30n13	7n40	22s39	22s32	18n 6		n.a.

Julian Day Number = 1619730.5, Delta T = 03h48m15s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'53, Lahiri = - 7°47'53 Julian Calendar 1 Aug. 279 BCE == Greg. Calendar 28 July 279 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

SEPTEMBER 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 22 16	3♍32'53	27♌43	20♌52	10♎14	27♊ 5	19°R58	17♐19	7♐50	5°R55	17♋ 8	12°R54	12♐ 9	24♋28	n.a.	F 1
S 2	22 26 12	4°32'05	9♍56	22°37	11°26	27°40	19♈54	17°20	7°50	5♓53	17° 9	12♐40	12° 6	24°34	n.a.	S 2
S 3	22 30 9	5°31'18	22°20	24°22	12°38	28°14	19°50	17°20	7°51	5°52	17°11	12°26	12° 3	24°41	n.a.	S 3
M 4	22 34 5	6°30'34	4♎54	26° 9	13°50	28°48	19°46	17°21	7°51	5°50	17°12	12°14	12° 0	24°48	n.a.	M 4
T 5	22 38 2	7°29'51	17°38	27°55	15° 2	29°22	19°42	17°22	7°52	5°48	17°13	12° 4	11°57	24°54	n.a.	T 5
W 6	22 41 59	8°29'11	0♏33	29°42	16°13	29°56	19°38	17°23	7°53	5°47	17°15	11°57	11°53	25° 1	n.a.	W 6
T 7	22 45 55	9°28'32	13°41	1♍29	17°25	0♋30	19°33	17°24	7°54	5°45	17°16	11°53	11°50	25° 8	n.a.	T 7
F 8	22 49 52	10°27'55	27° 3	3°16	18°37	1° 3	19°29	17°25	7°55	5°43	17°17	11°51	11°47	25°14	n.a.	F 8
S 9	22 53 48	11°27'21	10♐41	5° 2	19°49	1°37	19°24	17°26	7°55	5°42	17°18	11°51	11°44	25°21	n.a.	S 9
S 10	22 57 45	12°26'48	24°36	6°49	21° 0	2°10	19°19	17°28	7°56	5°40	17°20	11°51	11°41	25°28	n.a.	S 10
M11	23 1 41	13°26'17	8♑49	8°34	22°12	2°43	19°14	17°29	7°57	5°38	17°21	11°49	11°38	25°34	n.a.	M11
T 12	23 5 38	14°25'48	23°19	10°19	23°23	3°16	19° 8	17°31	7°58	5°37	17°22	11°45	11°34	25°41	n.a.	T 12
W13	23 9 34	15°25'20	8♒ 2	12° 4	24°35	3°49	19° 3	17°32	8° 0	5°35	17°23	11°39	11°31	25°48	n.a.	W13
T 14	23 13 31	16°24'55	22°53	13°48	25°46	4°22	18°57	17°34	8° 1	5°34	17°24	11°30	11°28	25°54	n.a.	T 14
F 15	23 17 28	17°24'31	7♓42	15°32	26°58	4°55	18°51	17°36	8° 2	5°32	17°25	11°19	11°25	26° 1	n.a.	F 15
S 16	23 21 24	18°24'10	22°23	17°14	28° 9	5°27	18°45	17°38	8° 3	5°30	17°26	11° 7	11°22	26° 8	n.a.	S 16
S 17	23 25 21	19°23'51	6♈46	18°57	29°20	5°59	18°39	17°40	8° 4	5°29	17°27	10°56	11°18	26°14	n.a.	S 17
M18	23 29 17	20°23'33	20°46	20°38	0♏32	6°32	18°33	17°42	8° 6	5°27	17°28	10°46	11°15	26°21	n.a.	M18
T 19	23 33 14	21°23'19	4♉19	22°19	1°43	7° 4	18°26	17°44	8° 7	5°25	17°29	10°39	11°12	26°28	n.a.	T 19
W20	23 37 10	22°23'06	17°26	23°59	2°54	7°36	18°20	17°46	8° 9	5°24	17°30	10°35	11° 9	26°35	n.a.	W20
T 21	23 41 7	23°22'56	0♊ 7	25°39	4° 5	8° 7	18°13	17°49	8°10	5°22	17°31	10°33	11° 6	26°41	n.a.	T 21
F 22	23 45 3	24°22'48	12°28	27°18	5°16	8°39	18° 6	17°51	8°12	5°21	17°32	10°D33	11° 3	26°48	n.a.	F 22
S 23	23 49 0	25°22'43	24°33	28°57	6°27	9°10	17°59	17°54	8°13	5°19	17°33	10°R33	10°59	26°55	n.a.	S 23
S 24	23 52 56	26°22'39	6♋27	0♎35	7°38	9°41	17°52	17°57	8°15	5°18	17°34	10°32	10°56	27° 1	n.a.	S 24
M25	23 56 53	27°22'38	18°17	2°12	8°48	10°13	17°45	17°59	8°17	5°16	17°35	10°30	10°53	27° 8	n.a.	M25
T 26	0 0 50	28°22'40	0♌ 6	3°49	9°59	10°43	17°38	18° 2	8°18	5°15	17°35	10°26	10°50	27°15	n.a.	T 26
W27	0 4 46	29°22'43	12° 0	5°25	11°10	11°14	17°30	18° 5	8°20	5°13	17°36	10°19	10°47	27°21	n.a.	W27
T 28	0 8 43	0♎22'49	24° 3	7° 1	12°20	11°45	17°23	18° 8	8°22	5°12	17°37	10° 9	10°44	27°28	n.a.	T 28
F 29	0 12 39	1°22'57	6♍16	8°36	13°31	12°15	17°15	18°11	8°24	5°10	17°38	9°57	10°40	27°35	n.a.	F 29
S 30	0 16 36	2♎23'07	18♍42	10♎11	14♏41	12♋45	17♈ 8	18♐15	8♐26	5♓ 9	17♋38	9♐45	10♐37	27♋41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n20	7n53	4s50	16n28	1n51	4s23	0s19	24n17	0n35	6n29	1s32	22s37	0n30	21s59	0s 7	10s53	1s33	30n13	7n40	22s37	22s31	18n 4		n.a.
S 2	9 58	3 19	5 0	15 55	1 53	4 55	0 22	24 19	0 36	6 27	1 32	22 38	0 29	21 59	0 7	10 54	1 33	30 13	7 41	22 35	22 31	18 3		n.a.
S 3	9 36	1s26	4 56	15 20	1 53	5 27	0 26	24 20	0 37	6 26	1 32	22 38	0 29	21 59	0 7	10 54	1 33	30 13	7 41	22 34	22 30	18 1		n.a.
M 4	9 14	6 12	4 37	14 44	1 53	5 58	0 29	24 22	0 38	6 24	1 32	22 38	0 29	21 59	0 7	10 55	1 33	30 13	7 41	22 32	22 30	17 59		n.a.
T 5	8 52	10 46	4 5	14 6	1 53	6 29	0 33	24 23	0 39	6 22	1 33	22 38	0 29	22 0	0 7	10 56	1 33	30 13	7 41	22 31	22 30	17 57		n.a.
W 6	8 29	14 55	3 20	13 27	1 52	7 1	0 36	24 24	0 40	6 21	1 33	22 38	0 29	22 0	0 7	10 56	1 33	30 14	7 42	22 30	22 29	17 55		n.a.
T 7	8 7	18 24	2 23	12 47	1 50	7 32	0 40	24 25	0 42	6 19	1 33	22 39	0 29	22 0	0 7	10 57	1 33	30 14	7 42	22 29	22 29	17 53		n.a.
F 8	7 44	20 59	1 17	12 6	1 47	8 3	0 43	24 26	0 43	6 17	1 33	22 39	0 29	22 0	0 7	10 57	1 33	30 14	7 42	22 29	22 28	17 52		n.a.
S 9	7 21	22 25	0 6	11 24	1 45	8 33	0 47	24 27	0 44	6 15	1 33	22 39	0 29	22 0	0 7	10 58	1 33	30 14	7 42	22 29	22 28	17 50		n.a.
S 10	6 58	22 30	1n 7	10 41	1 41	9 4	0 50	24 27	0 45	6 13	1 33	22 39	0 28	22 0	0 7	10 59	1 33	30 14	7 43	22 29	22 27	17 48		n.a.
M11	6 35	21 9	2 17	9 58	1 38	9 34	0 54	24 28	0 46	6 11	1 33	22 40	0 28	22 0	0 7	10 59	1 33	30 14	7 43	22 29	22 27	17 46		n.a.
T 12	6 12	18 24	3 20	9 14	1 34	10 4	0 57	24 28	0 47	6 8	1 34	22 40	0 28	22 1	0 7	11 0	1 33	30 14	7 43	22 28	22 27	17 44		n.a.
W13	5 49	14 26	4 11	8 29	1 29	10 34	1 1	24 28	0 48	6 6	1 34	22 40	0 28	22 1	0 7	11 1	1 33	30 14	7 43	22 27	22 26	17 42		n.a.
T 14	5 25	9 34	4 45	7 44	1 24	11 4	1 4	24 28	0 49	6 4	1 34	22 41	0 28	22 1	0 7	11 1	1 33	30 14	7 44	22 26	22 26	17 41		n.a.
F 15	5 2	4 9	5 0	6 59	1 19	11 34	1 8	24 28	0 50	6 2	1 34	22 41	0 28	22 1	0 7	11 2	1 33	30 14	7 44	22 24	22 25	17 39		n.a.
S 16	4 38	1n27	4 55	6 14	1 14	12 3	1 11	24 28	0 51	5 59	1 34	22 41	0 28	22 1	0 7	11 2	1 33	30 14	7 44	22 23	22 25	17 37		n.a.
S 17	4 15	6 51	4 31	5 29	1 9	12 32	1 15	24 28	0 53	5 57	1 34	22 41	0 28	22 2	0 7	11 3	1 33	30 15	7 44	22 21	22 24	17 35		n.a.
M18	3 51	11 46	3 51	4 43	1 3	13 1	1 18	24 28	0 54	5 54	1 34	22 42	0 27	22 2	0 7	11 4	1 33	30 15	7 45	22 20	22 24	17 33		n.a.
T 19	3 27	15 55	2 59	3 57	0 57	13 29	1 21	24 27	0 55	5 52	1 34	22 42	0 27	22 2	0 7	11 4	1 33	30 15	7 45	22 19	22 24	17 31		n.a.
W20	3 3	19 9	1 59	3 12	0 51	13 57	1 25	24 26	0 56	5 49	1 34	22 42	0 27	22 2	0 7	11 5	1 33	30 15	7 45	22 18	22 23	17 29		n.a.
T 21	2 39	21 19	0 55	2 26	0 45	14 25	1 28	24 26	0 57	5 46	1 34	22 43	0 27	22 3	0 7	11 5	1 33	30 15	7 45	22 18	22 23	17 28		n.a.
F 22	2 16	22 24	0s10	1 41	0 39	14 52	1 32	24 25	0 58	5 44	1 35	22 43	0 27	22 3	0 7	11 6	1 33	30 15	7 46	22 18	22 22	17 26		n.a.
S 23	1 51	22 23	1 14	0 55	0 33	15 19	1 35	24 24	1 0	5 41	1 35	22 44	0 27	22 3	0 7	11 6	1 33	30 15	7 46	22 18	22 22	17 24		n.a.
S 24	1 27	21 21	2 13	0 10	0 26	15 46	1 38	24 23	1 1	5 38	1 35	22 44	0 27	22 3	0 7	11 7	1 33	30 16	7 46	22 18	22 21	17 22		n.a.
M25	1 3	19 23	3 6	0s35	0 20	16 12	1 42	24 22	1 2	5 35	1 35	22 44	0 27	22 4	0 7	11 8	1 33	30 16	7 47	22 18	22 21	17 20		n.a.
T 26	0 39	16 36	3 51	1 20	0 13	16 38	1 45	24 20	1 3	5 33	1 35	22 45	0 26	22 4	0 7	11 8	1 33	30 16	7 47	22 17	22 20	17 18		n.a.
W27	0 15	13 8	4 27	2 5	0 6	17 4	1 48	24 19	1 4	5 30	1 35	22 45	0 26	22 4	0 7	11 9	1 33	30 16	7 47	22 16	22 20	17 16		n.a.
T 28	0s 9	9 6	4 50	2 49	0s 0	17 29	1 51	24 18	1 6	5 27	1 35	22 45	0 26	22 4	0 7	11 9	1 33	30 16	7 47	22 14	22 19	17 14		n.a.
F 29	0 33	4 39	5 1	3 33	0 7	17 54	1 54	24 16	1 7	5 24	1 35	22 46	0 26	22 5	0 7	11 10	1 33	30 16	7 48	22 13	22 19	17 12		n.a.
S 30	0s58	0s 3	4s58	4s17	0s13	18s18	1s57	24n14	1n 8	5n21	1s35	22s46	0n26	22s 5	0s 7	11s10	1s33	30n17	7n48	22s11	22s19	17n11		n.a.

Julian Day Number = 1619761.5, Delta T = 03h48m14s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'49, Lahiri = - 7°47'48 Julian Calendar 1 Sept. 279 BCE == Greg. Calendar 28 Aug. 279 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

OCTOBER 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 20 32	3♎23'19	1♎22	11♎45	15♏52	13♋15	17°R 0	18♐18	8♐28	5°R 7	17♋39	9°R32	10♐34	27♋48	n.a.	S 1
M 2	0 24 29	4°23'32	14°14	13°19	17° 2	13°45	16♈52	18°21	8°30	5♓ 6	17°40	9♐21	10°31	27°55	n.a.	M 2
T 3	0 28 25	5°23'48	27°19	14°52	18°12	14°14	16°44	18°25	8°32	5° 4	17°40	9°12	10°28	28° 1	n.a.	T 3
W 4	0 32 22	6°24'05	10♏35	16°25	19°22	14°44	16°37	18°28	8°34	5° 3	17°41	9° 6	10°24	28° 8	n.a.	W 4
T 5	0 36 19	7°24'25	24° 1	17°58	20°32	15°13	16°29	18°32	8°36	5° 2	17°41	9° 3	10°21	28°15	n.a.	T 5
F 6	0 40 15	8°24'46	7♐37	19°30	21°42	15°42	16°21	18°36	8°38	5° 0	17°42	9°D 2	10°18	28°21	n.a.	F 6
S 7	0 44 12	9°25'08	21°23	21° 2	22°52	16°11	16°12	18°40	8°40	4°59	17°42	9° 2	10°15	28°28	n.a.	S 7
S 8	0 48 8	10°25'32	5♑18	22°33	24° 2	16°39	16° 4	18°44	8°42	4°58	17°43	9°R 3	10°12	28°35	n.a.	S 8
M 9	0 52 5	11°25'58	19°23	24° 4	25°11	17° 8	15°56	18°48	8°45	4°57	17°43	9° 2	10° 9	28°42	n.a.	M 9
T 10	0 56 1	12°26'25	3♒37	25°35	26°21	17°36	15°48	18°52	8°47	4°55	17°44	9° 0	10° 5	28°48	n.a.	T 10
W11	0 59 58	13°26'53	17°57	27° 5	27°30	18° 3	15°40	18°56	8°49	4°54	17°44	8°56	10° 2	28°55	n.a.	W11
T 12	1 3 54	14°27'23	2♓21	28°35	28°40	18°31	15°32	19° 0	8°52	4°53	17°45	8°50	9°59	29° 2	n.a.	T 12
F 13	1 7 51	15°27'54	16°44	0♏ 4	29°49	18°58	15°24	19° 4	8°54	4°52	17°45	8°41	9°56	29° 8	n.a.	F 13
S 14	1 11 48	16°28'26	0♈59	1°33	0♐58	19°26	15°15	19° 9	8°57	4°50	17°45	8°32	9°53	29°15	n.a.	S 14
S 15	1 15 44	17°29'00	15° 1	3° 2	2° 7	19°52	15° 7	19°13	8°59	4°49	17°45	8°24	9°49	29°22	n.a.	S 15
M16	1 19 41	18°29'36	28°46	4°30	3°16	20°19	14°59	19°18	9° 2	4°48	17°46	8°17	9°46	29°28	n.a.	M16
T 17	1 23 37	19°30'14	12♉10	5°57	4°24	20°45	14°51	19°22	9° 5	4°47	17°46	8°11	9°43	29°35	n.a.	T 17
W18	1 27 34	20°30'53	25°12	7°24	5°33	21°12	14°43	19°27	9° 7	4°46	17°46	8° 8	9°40	29°42	n.a.	W18
T 19	1 31 30	21°31'34	7♊53	8°51	6°41	21°38	14°35	19°32	9°10	4°45	17°46	8°D 7	9°37	29°48	n.a.	T 19
F 20	1 35 27	22°32'17	20°15	10°16	7°50	22° 3	14°27	19°36	9°13	4°44	17°46	8° 8	9°34	29°55	n.a.	F 20
S 21	1 39 23	23°33'01	2♋22	11°42	8°58	22°28	14°19	19°41	9°15	4°43	17°47	8° 9	9°30	0♌ 2	n.a.	S 21
S 22	1 43 20	24°33'47	14°18	13° 6	10° 6	22°53	14°11	19°46	9°18	4°42	17°47	8°11	9°27	0° 9	n.a.	S 22
M23	1 47 17	25°34'35	26° 9	14°29	11°14	23°18	14° 3	19°51	9°21	4°41	17°47	8°R11	9°24	0°15	n.a.	M23
T 24	1 51 13	26°35'24	8♌ 0	15°52	12°21	23°43	13°55	19°56	9°24	4°40	17°R47	8°11	9°21	0°22	n.a.	T 24
W25	1 55 10	27°36'15	19°55	17°13	13°29	24° 7	13°47	20° 2	9°27	4°39	17°47	8° 8	9°18	0°29	n.a.	W25
T 26	1 59 6	28°37'08	2♍ 0	18°33	14°36	24°31	13°40	20° 7	9°30	4°39	17°47	8° 4	9°15	0°35	n.a.	T 26
F 27	2 3 3	29°38'02	14°18	19°51	15°43	24°54	13°32	20°12	9°32	4°38	17°47	7°58	9°11	0°42	n.a.	F 27
S 28	2 6 59	0♏38'58	26°53	21° 8	16°50	25°17	13°25	20°17	9°35	4°37	17°46	7°51	9° 8	0°49	n.a.	S 28
S 29	2 10 56	1°39'54	9♎45	22°23	17°57	25°40	13°17	20°23	9°38	4°36	17°46	7°44	9° 5	0°55	n.a.	S 29
M30	2 14 52	2°40'53	22°54	23°36	19° 4	26° 3	13°10	20°28	9°41	4°36	17°46	7°38	9° 2	1° 2	n.a.	M30
T 31	2 18 49	3♏41'52	6♏21	24♏46	20♐10	26♋25	13♈ 3	20♐34	9♐45	4♓35	17♋46	7♐33	8♐59	1♌ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1s22	4s50	4s41	5s 1	0s20	18s42	2s 0	24n13	1n10	5n18	1s35	22s47	0n26	22s 5	0s 7	11s11	1s33	30n17	7n48	22s 9	22s18	17n 9			n.a.
M 2	1 46	9 29	4 9	5 44	0 27	19 6	2 3	24 11	1 11	5 15	1 35	22 47	0 26	22 6	0 7	11 11	1 33	30 17	7 49	22 7	22 18	17 7			n.a.
T 3	2 10	13 47	3 23	6 26	0 33	19 29	2 6	24 9	1 12	5 12	1 35	22 47	0 26	22 6	0 7	11 12	1 33	30 17	7 49	22 6	22 17	17 5			n.a.
W 4	2 34	17 29	2 26	7 9	0 40	19 51	2 9	24 7	1 13	5 9	1 35	22 48	0 25	22 6	0 7	11 12	1 33	30 17	7 49	22 5	22 17	17 3			n.a.
T 5	2 58	20 17	1 19	7 51	0 46	20 13	2 12	24 5	1 15	5 6	1 35	22 48	0 25	22 7	0 7	11 13	1 33	30 18	7 49	22 4	22 16	17 1			n.a.
F 6	3 23	21 58	0 8	8 32	0 53	20 35	2 15	24 3	1 16	5 3	1 35	22 49	0 25	22 7	0 7	11 13	1 32	30 18	7 50	22 4	22 16	16 59			n.a.
S 7	3 47	22 21	1n 6	9 13	0 59	20 56	2 18	24 1	1 18	5 0	1 35	22 49	0 25	22 7	0 7	11 14	1 32	30 18	7 50	22 4	22 15	16 57			n.a.
S 8	4 11	21 22	2 16	9 53	1 6	21 16	2 20	23 59	1 19	4 57	1 35	22 50	0 25	22 8	0 7	11 14	1 32	30 18	7 50	22 4	22 15	16 55			n.a.
M 9	4 34	19 2	3 19	10 33	1 12	21 36	2 23	23 57	1 20	4 53	1 35	22 50	0 25	22 8	0 7	11 15	1 32	30 18	7 51	22 4	22 14	16 53			n.a.
T 10	4 58	15 32	4 10	11 13	1 18	21 55	2 25	23 54	1 22	4 50	1 35	22 51	0 25	22 9	0 7	11 15	1 32	30 19	7 51	22 4	22 14	16 51			n.a.
W11	5 22	11 6	4 46	11 51	1 24	22 14	2 28	23 52	1 23	4 47	1 35	22 51	0 25	22 9	0 7	11 15	1 32	30 19	7 51	22 3	22 13	16 50			n.a.
T 12	5 46	6 2	5 4	12 29	1 29	22 32	2 30	23 50	1 24	4 44	1 34	22 52	0 25	22 9	0 7	11 16	1 32	30 19	7 51	22 2	22 13	16 48			n.a.
F 13	6 10	0 40	5 3	13 7	1 35	22 50	2 32	23 47	1 26	4 41	1 34	22 52	0 24	22 10	0 7	11 16	1 32	30 19	7 52	22 1	22 12	16 46			n.a.
S 14	6 33	4n43	4 43	13 43	1 41	23 7	2 35	23 45	1 27	4 38	1 34	22 52	0 24	22 10	0 7	11 17	1 32	30 20	7 52	22 0	22 12	16 44			n.a.
S 15	6 57	9 46	4 6	14 19	1 46	23 24	2 37	23 42	1 29	4 35	1 34	22 53	0 24	22 10	0 7	11 17	1 32	30 20	7 52	21 58	22 12	16 42			n.a.
M16	7 20	14 12	3 16	14 55	1 51	23 39	2 39	23 39	1 30	4 32	1 34	22 53	0 24	22 11	0 7	11 17	1 32	30 20	7 53	21 57	22 11	16 40			n.a.
T 17	7 43	17 49	2 15	15 29	1 56	23 55	2 41	23 37	1 32	4 29	1 34	22 54	0 24	22 11	0 7	11 18	1 32	30 20	7 53	21 56	22 11	16 38			n.a.
W18	8 6	20 25	1 9	16 3	2 1	24 9	2 43	23 34	1 33	4 26	1 34	22 54	0 24	22 12	0 7	11 18	1 32	30 21	7 53	21 56	22 10	16 36			n.a.
T 19	8 29	21 55	0 1	16 35	2 5	24 23	2 44	23 32	1 35	4 23	1 34	22 55	0 24	22 12	0 7	11 19	1 32	30 21	7 54	21 56	22 10	16 34			n.a.
F 20	8 52	22 17	1s 5	17 7	2 9	24 37	2 46	23 29	1 36	4 20	1 34	22 55	0 24	22 13	0 7	11 19	1 32	30 21	7 54	21 56	22 9	16 32			n.a.
S 21	9 15	21 35	2 7	17 38	2 13	24 49	2 48	23 26	1 38	4 17	1 33	22 56	0 24	22 13	0 7	11 19	1 32	30 22	7 54	21 56	22 9	16 30			n.a.
S 22	9 38	19 55	3 3	18 7	2 16	25 1	2 49	23 24	1 40	4 14	1 33	22 56	0 23	22 13	0 7	11 20	1 32	30 22	7 54	21 56	22 8	16 28			n.a.
M23	10 0	17 24	3 51	18 36	2 19	25 12	2 50	23 21	1 41	4 11	1 33	22 57	0 23	22 14	0 7	11 20	1 32	30 22	7 55	21 56	22 8	16 26			n.a.
T 24	10 23	14 10	4 29	19 3	2 22	25 23	2 52	23 18	1 43	4 8	1 33	22 57	0 23	22 14	0 7	11 20	1 32	30 22	7 55	21 56	22 7	16 24			n.a.
W25	10 45	10 21	4 55	19 29	2 24	25 33	2 53	23 16	1 44	4 5	1 33	22 58	0 23	22 15	0 7	11 20	1 32	30 23	7 55	21 56	22 7	16 22			n.a.
T 26	11 7	6 5	5 9	19 54	2 26	25 42	2 54	23 13	1 46	4 2	1 33	22 58	0 23	22 15	0 7	11 21	1 32	30 23	7 56	21 55	22 6	16 20			n.a.
F 27	11 29	1 31	5 8	20 17	2 28	25 51	2 55	23 10	1 48	3 59	1 32	22 59	0 23	22 16	0 7	11 21	1 32	30 23	7 56	21 54	22 6	16 18			n.a.
S 28	11 50	3s13	4 54	20 39	2 29	25 59	2 56	23 8	1 49	3 56	1 32	22 59	0 23	22 16	0 7	11 21	1 32	30 24	7 56	21 53	22 5	16 16			n.a.
S 29	12 12	7 56	4 24	20 59	2 29	26 6	2 56	23 5	1 51	3 54	1 32	23 0	0 23	22 17	0 7	11 22	1 32	30 24	7 57	21 52	22 5	16 14			n.a.
M30	12 33	12 24	3 39	21 17	2 28	26 13	2 57	23 2	1 53	3 51	1 32	23 0	0 23	22 17	0 7	11 22	1 32	30 24	7 57	21 51	22 4	16 13			n.a.
T 31	12s54	16s20	2s42	21s34	2s27	26s18	2s57	23n 0	1n54	3n48	1s32	23s 1	0n23	22s17	0s 7	11s22	1s32	30n25	7n57	21s50	22s 4	16n11			n.a.

Julian Day Number = 1619791.5, Delta T = 03h48m13s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'45, Lahiri = - 7°47'44 Julian Calendar 1 Oct. 279 BCE == Greg. Calendar 27 Sept. 279 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

NOVEMBER 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 22 45	4♏42'53	20♏ 2	25♏53	21♐17	26♋47	12°R56	20♐40	9♐48	4°R34	17°R46	7°R30	8♐55	1♌15	n.a.	W 1
T 2	2 26 42	5°43'54	3♐55	26°57	22°23	27° 8	12♈49	20°45	9°51	4♓34	17♋45	7°D29	8°52	1°22	n.a.	T 2
F 3	2 30 39	6°44'57	17°57	27°57	23°28	27°29	12°42	20°51	9°54	4°33	17°45	7♐30	8°49	1°29	n.a.	F 3
S 4	2 34 35	7°46'01	2♑ 4	28°52	24°34	27°50	12°35	20°57	9°57	4°32	17°45	7°31	8°46	1°36	n.a.	S 4
S 5	2 38 32	8°47'05	16°14	29°43	25°39	28°10	12°29	21° 3	10° 0	4°32	17°45	7°32	8°43	1°42	n.a.	S 5
M 6	2 42 28	9°48'10	0♒25	0♐28	26°44	28°30	12°22	21° 8	10° 3	4°31	17°44	7°34	8°40	1°49	n.a.	M 6
T 7	2 46 25	10°49'15	14°35	1° 6	27°49	28°50	12°16	21°14	10° 7	4°31	17°44	7°R34	8°36	1°56	n.a.	T 7
W 8	2 50 21	11°50'21	28°41	1°37	28°54	29° 9	12°10	21°20	10°10	4°31	17°43	7°33	8°33	2° 2	n.a.	W 8
T 9	2 54 18	12°51'27	12♓43	2° 0	29°58	29°27	12° 4	21°26	10°13	4°30	17°43	7°31	8°30	2° 9	n.a.	T 9
F 10	2 58 15	13°52'34	26°38	2°13	1♑ 2	29°46	11°58	21°32	10°17	4°30	17°43	7°28	8°27	2°16	n.a.	F 10
S 11	3 2 11	14°53'42	10♈24	2°R17	2° 6	0♌ 4	11°52	21°39	10°20	4°30	17°42	7°24	8°24	2°22	n.a.	S 11
S 12	3 6 8	15°54'50	23°58	2°10	3° 9	0°21	11°46	21°45	10°23	4°29	17°42	7°21	8°21	2°29	n.a.	S 12
M13	3 10 4	16°55'59	7♉18	1°52	4°12	0°38	11°41	21°51	10°27	4°29	17°41	7°18	8°17	2°36	n.a.	M13
T 14	3 14 1	17°57'08	20°22	1°23	5°15	0°54	11°36	21°57	10°30	4°29	17°40	7°16	8°14	2°43	n.a.	T 14
W15	3 17 57	18°58'18	3♊11	0°42	6°17	1°10	11°31	22° 4	10°33	4°29	17°40	7°D15	8°11	2°49	n.a.	W15
T 16	3 21 54	19°59'29	15°44	29♏50	7°19	1°26	11°26	22°10	10°37	4°28	17°39	7°15	8° 8	2°56	n.a.	T 16
F 17	3 25 50	21° 0'40	28° 2	28°47	8°21	1°41	11°21	22°16	10°40	4°28	17°39	7°16	8° 5	3° 3	n.a.	F 17
S 18	3 29 47	22° 1'52	10♋ 8	27°37	9°22	1°55	11°17	22°23	10°44	4°28	17°38	7°18	8° 1	3° 9	n.a.	S 18
S 19	3 33 44	23° 3'05	22° 5	26°19	10°23	2° 9	11°12	22°29	10°47	4°28	17°37	7°19	7°58	3°16	n.a.	S 19
M20	3 37 40	24° 4'18	3♌56	24°58	11°23	2°23	11° 8	22°36	10°51	4°D28	17°36	7°20	7°55	3°23	n.a.	M20
T 21	3 41 37	25° 5'32	15°47	23°35	12°23	2°36	11° 4	22°42	10°54	4°28	17°36	7°21	7°52	3°29	n.a.	T 21
W22	3 45 33	26° 6'47	27°42	22°14	13°23	2°48	11° 1	22°49	10°58	4°28	17°35	7°R21	7°49	3°36	n.a.	W22
T 23	3 49 30	27° 8'02	9♍46	20°57	14°22	3° 0	10°57	22°55	11° 1	4°28	17°34	7°21	7°46	3°43	n.a.	T 23
F 24	3 53 26	28° 9'17	22° 3	19°47	15°20	3°11	10°54	23° 2	11° 5	4°28	17°33	7°20	7°42	3°50	n.a.	F 24
S 25	3 57 23	29°10'33	4♎38	18°44	16°19	3°22	10°50	23° 9	11° 8	4°29	17°32	7°19	7°39	3°56	n.a.	S 25
S 26	4 1 19	0♐11'50	17°34	17°51	17°16	3°32	10°47	23°16	11°12	4°29	17°32	7°18	7°36	4° 3	n.a.	S 26
M27	4 5 16	1°13'07	0♏52	17° 9	18°13	3°42	10°45	23°22	11°15	4°29	17°31	7°17	7°33	4°10	n.a.	M27
T 28	4 9 13	2°14'24	14°32	16°36	19°10	3°50	10°42	23°29	11°19	4°29	17°30	7°17	7°30	4°16	n.a.	T 28
W29	4 13 9	3°15'41	28°34	16°15	20° 6	3°59	10°40	23°36	11°22	4°30	17°29	7°16	7°26	4°23	n.a.	W29
T 30	4 17 6	4♐16'59	12♐52	16♏ 4	21♑ 1	4♌ 6	10♈38	23♐43	11♐26	4♓30	17♋28	7°D16	7♐23	4♌30	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13 s15	19 s28	1 s34	21 s49	2 s26	26 s23	2 s58	22n57	1n56	3n46	1 s31	23 s 1	0n22	22 s18	0 s 7	11 s22	1 s32	30n25	7n57	21 s50	22 s 3	16n 9		n.a.
T 2	13 35	21 30	0 20	22 2	2 23	26 28	2 58	22 55	1 58	3 43	1 31	23 2	0 22	22 18	0 7	11 22	1 32	30 25	7 58	21 49	22 3	16 7		n.a.
F 3	13 56	22 14	0n57	22 12	2 19	26 31	2 58	22 52	2 0	3 41	1 31	23 2	0 22	22 19	0 7	11 23	1 32	30 26	7 58	21 49	22 2	16 5		n.a.
S 4	14 16	21 32	2 11	22 20	2 15	26 34	2 58	22 50	2 2	3 38	1 31	23 3	0 22	22 19	0 7	11 23	1 32	30 26	7 58	21 50	22 2	16 3		n.a.
S 5	14 36	19 28	3 17	22 26	2 9	26 37	2 57	22 47	2 3	3 36	1 31	23 3	0 22	22 20	0 7	11 23	1 32	30 26	7 59	21 50	22 1	16 1		n.a.
M 6	14 56	16 14	4 11	22 29	2 3	26 38	2 57	22 45	2 5	3 34	1 30	23 4	0 22	22 20	0 7	11 23	1 31	30 27	7 59	21 50	22 1	15 59		n.a.
T 7	15 15	12 3	4 49	22 30	1 55	26 39	2 57	22 43	2 7	3 31	1 30	23 4	0 22	22 21	0 7	11 23	1 31	30 27	7 59	21 50	22 0	15 57		n.a.
W 8	15 34	7 13	5 10	22 27	1 46	26 39	2 56	22 41	2 9	3 29	1 30	23 5	0 22	22 21	0 7	11 23	1 31	30 27	7 59	21 50	22 0	15 55		n.a.
T 9	15 53	2 3	5 13	22 22	1 35	26 39	2 55	22 39	2 11	3 27	1 30	23 5	0 22	22 22	0 7	11 23	1 31	30 28	8 0	21 50	21 59	15 53		n.a.
F 10	16 12	3n11	4 57	22 13	1 23	26 37	2 54	22 37	2 13	3 25	1 29	23 6	0 22	22 22	0 7	11 23	1 31	30 28	8 0	21 49	21 59	15 51		n.a.
S 11	16 30	8 12	4 24	22 0	1 10	26 36	2 53	22 35	2 15	3 23	1 29	23 6	0 21	22 23	0 7	11 24	1 31	30 28	8 0	21 48	21 58	15 49		n.a.
S 12	16 48	12 45	3 36	21 44	0 55	26 33	2 52	22 33	2 17	3 21	1 29	23 7	0 21	22 23	0 7	11 24	1 31	30 29	8 1	21 48	21 58	15 47		n.a.
M13	17 6	16 36	2 38	21 25	0 38	26 30	2 50	22 31	2 19	3 19	1 28	23 7	0 21	22 24	0 7	11 24	1 31	30 29	8 1	21 47	21 57	15 45		n.a.
T 14	17 23	19 32	1 32	21 1	0 21	26 26	2 49	22 29	2 21	3 17	1 28	23 8	0 21	22 24	0 7	11 24	1 31	30 29	8 1	21 47	21 57	15 43		n.a.
W15	17 40	21 25	0 22	20 34	0 2	26 21	2 47	22 28	2 23	3 16	1 28	23 8	0 21	22 25	0 7	11 24	1 31	30 30	8 1	21 47	21 56	15 41		n.a.
T 16	17 57	22 11	0 s47	20 4	0n18	26 16	2 45	22 26	2 25	3 14	1 28	23 9	0 21	22 25	0 7	11 24	1 31	30 30	8 2	21 47	21 56	15 39		n.a.
F 17	18 14	21 50	1 52	19 31	0 38	26 10	2 43	22 25	2 27	3 12	1 27	23 9	0 21	22 26	0 7	11 24	1 31	30 30	8 2	21 47	21 55	15 37		n.a.
S 18	18 30	20 29	2 52	18 55	0 58	26 4	2 40	22 23	2 29	3 11	1 27	23 10	0 21	22 26	0 7	11 24	1 31	30 31	8 2	21 47	21 55	15 35		n.a.
S 19	18 46	18 13	3 43	18 18	1 18	25 56	2 38	22 22	2 31	3 9	1 27	23 10	0 21	22 27	0 7	11 24	1 31	30 31	8 2	21 48	21 54	15 33		n.a.
M20	19 1	15 13	4 25	17 40	1 38	25 49	2 35	22 21	2 33	3 8	1 26	23 11	0 21	22 27	0 7	11 24	1 31	30 31	8 3	21 48	21 54	15 31		n.a.
T 21	19 16	11 36	4 55	17 2	1 55	25 40	2 32	22 20	2 36	3 7	1 26	23 11	0 21	22 28	0 7	11 24	1 31	30 32	8 3	21 48	21 53	15 28		n.a.
W22	19 31	7 32	5 13	16 26	2 12	25 31	2 29	22 19	2 38	3 6	1 26	23 11	0 20	22 28	0 7	11 24	1 31	30 32	8 3	21 48	21 53	15 26		n.a.
T 23	19 45	3 7	5 17	15 52	2 26	25 22	2 26	22 19	2 40	3 5	1 25	23 12	0 20	22 29	0 7	11 23	1 31	30 33	8 4	21 48	21 52	15 24		n.a.
F 24	19 59	1 s30	5 7	15 22	2 38	25 12	2 23	22 18	2 42	3 3	1 25	23 12	0 20	22 29	0 7	11 23	1 31	30 33	8 4	21 48	21 52	15 22		n.a.
S 25	20 13	6 10	4 42	14 56	2 47	25 1	2 19	22 18	2 44	3 2	1 25	23 13	0 20	22 30	0 7	11 23	1 31	30 33	8 4	21 48	21 51	15 20		n.a.
S 26	20 26	10 42	4 2	14 34	2 54	24 50	2 15	22 18	2 47	3 2	1 25	23 13	0 20	22 30	0 7	11 23	1 31	30 34	8 4	21 47	21 50	15 18		n.a.
M27	20 39	14 51	3 9	14 18	2 59	24 38	2 11	22 18	2 49	3 1	1 24	23 14	0 20	22 31	0 7	11 23	1 31	30 34	8 5	21 47	21 50	15 16		n.a.
T 28	20 52	18 21	2 3	14 6	3 2	24 26	2 7	22 18	2 51	3 0	1 24	23 14	0 20	22 31	0 7	11 23	1 31	30 34	8 5	21 47	21 49	15 14		n.a.
W29	21 4	20 52	0 48	13 58	3 3	24 14	2 3	22 18	2 54	2 59	1 24	23 14	0 20	22 32	0 7	11 23	1 30	30 35	8 5	21 47	21 49	15 12		n.a.
T 30	21 s15	22 s 6	0n31	13 s56	3n 3	24 s 0	1 s58	22n18	2n56	2n59	1 s23	23 s15	0n20	22 s32	0 s 7	11 s23	1 s30	30n35	8n 5	21 s47	21 s48	15n10		n.a.

Julian Day Number = 1619822.5, Delta T = 03h48m12s
Ecliptic obliquity = 23°43'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'40, Lahiri = - 7°47'40 Julian Calendar 1 Nov. 279 BCE == Greg. Calendar 28 Oct. 279 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 279 BCE
geocentric

DECEMBER 279 BCE (-278) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 21 2	5♐18'16	27♐23	16°D 2	21♑56	4♌13	10°R36	23♐50	11♐29	4♓30	17°R27	7♐16	7♐20	4♌36	n.a.	F 1
S 2	4 24 59	6°19'34	12♑ 0	16♏ 9	22°50	4°19	10♈34	23°56	11°33	4°31	17♋26	7°17	7°17	4°43	n.a.	S 2
S 3	4 28 55	7°20'51	26°37	16°25	23°44	4°25	10°32	24° 3	11°37	4°31	17°25	7°R17	7°14	4°50	n.a.	S 3
M 4	4 32 52	8°22'07	11♒ 7	16°48	24°36	4°30	10°31	24°10	11°40	4°32	17°24	7°17	7°11	4°57	n.a.	M 4
T 5	4 36 49	9°23'23	25°28	17°18	25°28	4°34	10°30	24°17	11°44	4°32	17°23	7°17	7° 7	5° 3	n.a.	T 5
W 6	4 40 45	10°24'39	9♓36	17°54	26°20	4°37	10°29	24°24	11°47	4°33	17°22	7°D16	7° 4	5°10	n.a.	W 6
T 7	4 44 42	11°25'54	23°28	18°36	27°10	4°40	10°28	24°31	11°51	4°33	17°21	7°17	7° 1	5°17	n.a.	T 7
F 8	4 48 38	12°27'08	7♈ 6	19°22	28° 0	4°42	10°28	24°38	11°55	4°34	17°20	7°17	6°58	5°23	n.a.	F 8
S 9	4 52 35	13°28'21	20°28	20°13	28°48	4°44	10°27	24°45	11°58	4°34	17°18	7°17	6°55	5°30	n.a.	S 9
S 10	4 56 31	14°29'34	3♉36	21° 8	29°36	4°R44	10°D27	24°52	12° 2	4°35	17°17	7°18	6°52	5°37	n.a.	S 10
M11	5 0 28	15°30'47	16°31	22° 7	0♒23	4°44	10°27	24°59	12° 5	4°36	17°16	7°19	6°48	5°43	n.a.	M11
T 12	5 4 24	16°31'59	29°13	23° 9	1° 9	4°43	10°28	25° 6	12° 9	4°37	17°15	7°19	6°45	5°50	n.a.	T 12
W13	5 8 21	17°33'10	11♊43	24°13	1°54	4°41	10°28	25°13	12°13	4°37	17°14	7°R19	6°42	5°57	n.a.	W13
T 14	5 12 18	18°34'21	24° 3	25°20	2°38	4°39	10°29	25°20	12°16	4°38	17°12	7°19	6°39	6° 4	n.a.	T 14
F 15	5 16 14	19°35'31	6♋12	26°30	3°21	4°35	10°30	25°28	12°20	4°39	17°11	7°18	6°36	6°10	n.a.	F 15
S 16	5 20 11	20°36'41	18°13	27°41	4° 2	4°31	10°31	25°35	12°23	4°40	17°10	7°16	6°32	6°17	n.a.	S 16
S 17	5 24 7	21°37'50	0♌ 9	28°54	4°43	4°27	10°32	25°42	12°27	4°41	17° 9	7°14	6°29	6°24	n.a.	S 17
M18	5 28 4	22°38'59	12° 0	0♐ 9	5°22	4°21	10°34	25°49	12°30	4°42	17° 7	7°11	6°26	6°30	n.a.	M18
T 19	5 32 0	23°40'07	23°51	1°26	6° 0	4°15	10°36	25°56	12°34	4°43	17° 6	7° 9	6°23	6°37	n.a.	T 19
W20	5 35 57	24°41'15	5♍45	2°44	6°36	4° 7	10°38	26° 3	12°38	4°44	17° 5	7° 7	6°20	6°44	n.a.	W20
T 21	5 39 53	25°42'22	17°47	4° 3	7°11	3°59	10°40	26°10	12°41	4°45	17° 4	7° 6	6°17	6°51	n.a.	T 21
F 22	5 43 50	26°43'28	0♎ 0	5°23	7°45	3°50	10°42	26°17	12°45	4°46	17° 2	7°D 6	6°13	6°57	n.a.	F 22
S 23	5 47 47	27°44'34	12°30	6°45	8°18	3°41	10°45	26°24	12°48	4°47	17° 1	7° 6	6°10	7° 4	n.a.	S 23
S 24	5 51 43	28°45'39	25°20	8° 7	8°48	3°30	10°47	26°32	12°52	4°48	17° 0	7° 8	6° 7	7°11	n.a.	S 24
M25	5 55 40	29°46'44	8♏35	9°31	9°17	3°19	10°50	26°39	12°55	4°49	16°58	7° 9	6° 4	7°17	n.a.	M25
T 26	5 59 36	0♑47'47	22°17	10°56	9°45	3° 7	10°53	26°46	12°59	4°51	16°57	7°11	6° 1	7°24	n.a.	T 26
W27	6 3 33	1°48'50	6♐25	12°21	10°11	2°54	10°57	26°53	13° 2	4°52	16°55	7°R11	5°58	7°31	n.a.	W27
T 28	6 7 29	2°49'53	20°57	13°47	10°34	2°40	11° 0	27° 0	13° 5	4°53	16°54	7°11	5°54	7°37	n.a.	T 28
F 29	6 11 26	3°50'54	5♑48	15°15	10°56	2°26	11° 4	27° 7	13° 9	4°54	16°53	7° 9	5°51	7°44	n.a.	F 29
S 30	6 15 23	4°51'54	20°50	16°43	11°17	2°11	11° 8	27°14	13°12	4°56	16°51	7° 6	5°48	7°51	n.a.	S 30
S 31	6 19 19	5♑52'53	5♒54	18♐11	11♒35	1♌55	11♈12	27♐21	13♐16	4♓57	16♋50	7♐ 2	5♐45	7♌58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s27	21s53	1n49	13s57	3n 1	23s47	1s53	22n19	2n58	2n58	1s23	23s15	0n20	22s33	0s 7	11s22	1s30	30n35	8n 5	21s47	21s48	15n 8		n.a.	F 1
S 2	21 37	20 10	3 1	14 2	2 57	23 33	1 48	22 20	3 1	2 58	1 23	23 16	0 20	22 33	0 7	11 22	1 30	30 36	8 6	21 47	21 47	15 6		n.a.	S 2
S 3	21 48	17 8	4 1	14 11	2 53	23 18	1 43	22 21	3 3	2 58	1 22	23 16	0 19	22 34	0 7	11 22	1 30	30 36	8 6	21 47	21 47	15 4		n.a.	S 3
M 4	21 58	13 5	4 45	14 23	2 48	23 3	1 37	22 22	3 5	2 57	1 22	23 16	0 19	22 34	0 7	11 22	1 30	30 37	8 6	21 47	21 46	15 2		n.a.	M 4
T 5	22 8	8 19	5 11	14 37	2 42	22 48	1 32	22 23	3 8	2 57	1 22	23 17	0 19	22 35	0 7	11 22	1 30	30 37	8 6	21 47	21 46	15 0		n.a.	T 5
W 6	22 17	3 10	5 17	14 53	2 35	22 33	1 26	22 25	3 10	2 57	1 21	23 17	0 19	22 35	0 7	11 21	1 30	30 37	8 7	21 47	21 45	14 58		n.a.	W 6
T 7	22 25	2n 2	5 5	15 12	2 28	22 17	1 19	22 26	3 13	2 57	1 21	23 18	0 19	22 36	0 7	11 21	1 30	30 38	8 7	21 47	21 45	14 56		n.a.	T 7
F 8	22 34	7 4	4 36	15 32	2 21	22 0	1 13	22 28	3 15	2 57	1 21	23 18	0 19	22 36	0 7	11 21	1 30	30 38	8 7	21 47	21 44	14 54		n.a.	F 8
S 9	22 41	11 40	3 52	15 53	2 13	21 44	1 6	22 30	3 18	2 58	1 20	23 18	0 19	22 37	0 7	11 21	1 30	30 38	8 7	21 47	21 44	14 52		n.a.	S 9
S 10	22 49	15 38	2 56	16 15	2 5	21 27	0 59	22 33	3 20	2 58	1 20	23 19	0 19	22 37	0 7	11 20	1 30	30 39	8 7	21 47	21 43	14 50		n.a.	S 10
M11	22 56	18 47	1 53	16 38	1 57	21 10	0 52	22 35	3 23	2 58	1 20	23 19	0 19	22 38	0 7	11 20	1 30	30 39	8 8	21 48	21 42	14 48		n.a.	M11
T 12	23 2	20 57	0 45	17 2	1 48	20 52	0 45	22 38	3 25	2 59	1 19	23 19	0 19	22 38	0 7	11 20	1 30	30 39	8 8	21 48	21 42	14 45		n.a.	T 12
W13	23 8	22 4	0s24	17 27	1 40	20 35	0 37	22 41	3 28	2 59	1 19	23 20	0 19	22 39	0 7	11 19	1 30	30 40	8 8	21 48	21 41	14 43		n.a.	W13
T 14	23 14	22 4	1 31	17 51	1 31	20 17	0 29	22 44	3 30	3 0	1 19	23 20	0 19	22 39	0 7	11 19	1 30	30 40	8 8	21 48	21 41	14 41		n.a.	T 14
F 15	23 19	21 2	2 33	18 16	1 22	19 59	0 21	22 47	3 33	3 0	1 18	23 20	0 19	22 40	0 7	11 19	1 30	30 41	8 8	21 47	21 40	14 39		n.a.	F 15
S 16	23 23	19 3	3 28	18 41	1 14	19 41	0 13	22 50	3 35	3 1	1 18	23 21	0 18	22 40	0 7	11 18	1 30	30 41	8 9	21 47	21 40	14 37		n.a.	S 16
S 17	23 28	16 15	4 12	19 6	1 5	19 23	0 4	22 54	3 38	3 2	1 18	23 21	0 18	22 41	0 7	11 18	1 30	30 41	8 9	21 47	21 39	14 35		n.a.	S 17
M18	23 31	12 49	4 46	19 30	0 57	19 4	0n 5	22 58	3 40	3 3	1 17	23 21	0 18	22 41	0 7	11 17	1 30	30 42	8 9	21 46	21 39	14 33		n.a.	M18
T 19	23 34	8 54	5 7	19 54	0 48	18 46	0 14	23 2	3 43	3 4	1 17	23 22	0 18	22 42	0 7	11 17	1 30	30 42	8 9	21 46	21 38	14 31		n.a.	T 19
W20	23 37	4 37	5 16	20 18	0 40	18 28	0 24	23 6	3 45	3 5	1 17	23 22	0 18	22 42	0 7	11 17	1 30	30 42	8 9	21 46	21 38	14 29		n.a.	W20
T 21	23 39	0 8	5 10	20 42	0 32	18 9	0 34	23 10	3 47	3 6	1 16	23 22	0 18	22 43	0 7	11 16	1 30	30 43	8 10	21 45	21 37	14 27		n.a.	T 21
F 22	23 41	4s26	4 51	21 5	0 23	17 51	0 44	23 15	3 50	3 7	1 16	23 22	0 18	22 43	0 7	11 16	1 29	30 43	8 10	21 45	21 36	14 25		n.a.	F 22
S 23	23 43	8 56	4 18	21 27	0 15	17 32	0 54	23 19	3 52	3 9	1 16	23 23	0 18	22 44	0 7	11 15	1 29	30 43	8 10	21 46	21 36	14 23		n.a.	S 23
S 24	23 43	13 11	3 31	21 48	0 7	17 14	1 5	23 24	3 55	3 10	1 15	23 23	0 18	22 44	0 7	11 15	1 29	30 44	8 10	21 46	21 35	14 21		n.a.	S 24
M25	23 44	16 55	2 31	22 9	0s 0	16 56	1 16	23 29	3 57	3 12	1 15	23 23	0 18	22 44	0 7	11 14	1 29	30 44	8 10	21 46	21 35	14 18		n.a.	M25
T 26	23 44	19 52	1 21	22 29	0 8	16 37	1 27	23 34	3 59	3 13	1 15	23 24	0 18	22 45	0 7	11 14	1 29	30 44	8 10	21 46	21 34	14 16		n.a.	T 26
W27	23 43	21 43	0 4	22 48	0 16	16 19	1 39	23 39	4 1	3 15	1 14	23 24	0 18	22 45	0 7	11 13	1 29	30 45	8 10	21 46	21 34	14 14		n.a.	W27
T 28	23 42	22 10	1n15	23 6	0 23	16 2	1 50	23 45	4 4	3 16	1 14	23 24	0 18	22 46	0 7	11 13	1 29	30 45	8 11	21 46	21 33	14 12		n.a.	T 28
F 29	23 40	21 5	2 31	23 24	0 30	15 44	2 2	23 50	4 6	3 18	1 14	23 24	0 18	22 46	0 7	11 12	1 29	30 45	8 11	21 46	21 33	14 10		n.a.	F 29
S 30	23 38	18 31	3 37	23 40	0 37	15 27	2 15	23 56	4 8	3 20	1 13	23 24	0 17	22 47	0 7	11 12	1 29	30 46	8 11	21 45	21 32	14 8		n.a.	S 30
S 31	23s36	14s41	4n28	23s55	0s44	15s10	2n27	24n 2	4n10	3n22	1s13	23s25	0n17	22s47	0s 7	11s11	1s29	30n46	8n11	21s45	21s31	14n 6		n.a.	S 31

Julian Day Number = 1619852.5, Delta T = 03h48m11s
Ecliptic obliquity = 23°43'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'36, Lahiri = - 7°47'36 Julian Calendar 1 Dec. 279 BCE == Greg. Calendar 27 Nov. 279 BCE

The year -278 astronomical counting style corresponds to year 279 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

JANUARY 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 23 16	6♑53'50	20♒51	19♐41	11♒51	1°R39	11♈16	27♐28	13♐19	4♓58	16°R48	6°R57	5♐42	8♌ 4	n.a.	M 1
T 2	6 27 12	7°54'46	5♓33	21°11	12° 5	1♌21	11°21	27°35	13°22	5° 0	16♋47	6♐53	5°38	8°11	n.a.	T 2
W 3	6 31 9	8°55'40	19°54	22°42	12°16	1° 4	11°25	27°42	13°26	5° 1	16°46	6°50	5°35	8°18	n.a.	W 3
T 4	6 35 5	9°56'33	3♈52	24°14	12°26	0°45	11°30	27°49	13°29	5° 3	16°44	6°D49	5°32	8°24	n.a.	T 4
F 5	6 39 2	10°57'24	17°26	25°47	12°33	0°26	11°35	27°56	13°32	5° 4	16°43	6°49	5°29	8°31	n.a.	F 5
S 6	6 42 58	11°58'13	0♉38	27°20	12°38	0° 6	11°40	28° 3	13°36	5° 6	16°41	6°50	5°26	8°38	n.a.	S 6
S 7	6 46 55	12°59'01	13°31	28°54	12°R40	29♋46	11°46	28°10	13°39	5° 7	16°40	6°52	5°23	8°45	n.a.	S 7
M 8	6 50 52	13°59'47	26° 8	0♑29	12°40	29°25	11°51	28°17	13°42	5° 9	16°38	6°53	5°19	8°51	n.a.	M 8
T 9	6 54 48	15° 0'32	8♊32	2° 5	12°37	29° 4	11°57	28°24	13°45	5°10	16°37	6°R54	5°16	8°58	n.a.	T 9
W10	6 58 45	16° 1'15	20°45	3°41	12°32	28°43	12° 3	28°31	13°49	5°12	16°36	6°53	5°13	9° 5	n.a.	W10
T 11	7 2 41	17° 1'56	2♋51	5°18	12°24	28°21	12° 9	28°38	13°52	5°14	16°34	6°50	5°10	9°11	n.a.	T 11
F 12	7 6 38	18° 2'36	14°51	6°56	12°14	27°58	12°15	28°45	13°55	5°15	16°33	6°44	5° 7	9°18	n.a.	F 12
S 13	7 10 34	19° 3'14	26°47	8°35	12° 1	27°35	12°22	28°52	13°58	5°17	16°31	6°37	5° 4	9°25	n.a.	S 13
S 14	7 14 31	20° 3'51	8♌40	10°15	11°46	27°12	12°28	28°59	14° 1	5°19	16°30	6°29	5° 0	9°32	n.a.	S 14
M15	7 18 27	21° 4'26	20°31	11°56	11°28	26°49	12°35	29° 5	14° 4	5°20	16°28	6°20	4°57	9°38	n.a.	M15
T 16	7 22 24	22° 4'59	2♍24	13°37	11° 8	26°26	12°42	29°12	14° 7	5°22	16°27	6°11	4°54	9°45	n.a.	T 16
W17	7 26 21	23° 5'31	14°19	15°20	10°45	26° 2	12°49	29°19	14°10	5°24	16°25	6° 4	4°51	9°52	n.a.	W17
T 18	7 30 17	24° 6'02	26°21	17° 3	10°20	25°38	12°56	29°26	14°13	5°26	16°24	5°58	4°48	9°58	n.a.	T 18
F 19	7 34 14	25° 6'31	8♎33	18°47	9°53	25°14	13° 3	29°32	14°16	5°27	16°23	5°54	4°44	10° 5	n.a.	F 19
S 20	7 38 10	26° 6'58	20°58	20°32	9°25	24°50	13°11	29°39	14°19	5°29	16°21	5°D52	4°41	10°12	n.a.	S 20
S 21	7 42 7	27° 7'24	3♏42	22°18	8°54	24°27	13°18	29°46	14°22	5°31	16°20	5°53	4°38	10°18	n.a.	S 21
M22	7 46 3	28° 7'49	16°48	24° 5	8°21	24° 3	13°26	29°52	14°25	5°33	16°18	5°53	4°35	10°25	n.a.	M22
T 23	7 50 0	29° 8'12	0♐21	25°53	7°48	23°39	13°34	29°59	14°28	5°35	16°17	5°R54	4°32	10°32	n.a.	T 23
W24	7 53 56	0♒ 8'34	14°22	27°42	7°13	23°15	13°42	0♑ 5	14°30	5°37	16°16	5°54	4°29	10°39	n.a.	W24
T 25	7 57 53	1° 8'54	28°51	29°32	6°37	22°52	13°50	0°12	14°33	5°39	16°14	5°52	4°25	10°45	n.a.	T 25
F 26	8 1 50	2° 9'13	13♑45	1♒23	6° 0	22°29	13°58	0°18	14°36	5°41	16°13	5°47	4°22	10°52	n.a.	F 26
S 27	8 5 46	3° 9'29	28°56	3°14	5°22	22° 6	14° 7	0°24	14°39	5°43	16°11	5°41	4°19	10°59	n.a.	S 27
S 28	8 9 43	4° 9'44	14♒16	5° 7	4°45	21°44	14°15	0°31	14°41	5°45	16°10	5°32	4°16	11° 5	n.a.	S 28
M29	8 13 39	5° 9'57	29°31	7° 0	4° 7	21°22	14°24	0°37	14°44	5°47	16° 9	5°23	4°13	11°12	n.a.	M29
T 30	8 17 36	6°10'07	14♓33	8°54	3°30	21° 0	14°33	0°43	14°46	5°49	16° 7	5°14	4°10	11°19	n.a.	T 30
W31	8 21 32	7♒10'16	29♓11	10♒49	2♒53	20♋39	14♈42	0♑50	14♐49	5♓51	16♋ 6	5♐ 6	4♐ 6	11♌26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23 s33	9 s58	5n 1	24 s 9	0 s50	14 s53	2n40	24n 7	4n12	3n24	1 s13	23 s25	0n17	22 s48	0 s 7	11 s11	1 s29	30n46	8n11	21 s44	21 s31	14n 4			n.a.
T 2	23 29	4 45	5 13	24 22	0 56	14 37	2 53	24 13	4 14	3 26	1 12	23 25	0 17	22 48	0 7	11 10	1 29	30 47	8 11	21 43	21 30	14 2			n.a.
W 3	23 25	0n37	5 5	24 34	1 2	14 21	3 6	24 19	4 16	3 28	1 12	23 25	0 17	22 48	0 7	11 10	1 29	30 47	8 11	21 43	21 30	13 59			n.a.
T 4	23 21	5 48	4 39	24 44	1 8	14 5	3 20	24 25	4 18	3 30	1 12	23 25	0 17	22 49	0 7	11 9	1 29	30 47	8 11	21 43	21 29	13 57			n.a.
F 5	23 16	10 34	3 58	24 53	1 14	13 50	3 33	24 31	4 19	3 33	1 11	23 26	0 17	22 49	0 7	11 9	1 29	30 47	8 12	21 43	21 29	13 55			n.a.
S 6	23 11	14 43	3 5	25 1	1 19	13 36	3 47	24 37	4 21	3 35	1 11	23 26	0 17	22 50	0 7	11 8	1 29	30 48	8 12	21 43	21 28	13 53			n.a.
S 7	23 5	18 3	2 4	25 8	1 24	13 22	4 1	24 43	4 23	3 37	1 11	23 26	0 17	22 50	0 7	11 7	1 29	30 48	8 12	21 43	21 27	13 51			n.a.
M 8	22 59	20 28	0 58	25 13	1 29	13 8	4 15	24 49	4 24	3 40	1 11	23 26	0 17	22 50	0 7	11 7	1 29	30 48	8 12	21 43	21 27	13 49			n.a.
T 9	22 52	21 51	0 s 9	25 16	1 34	12 55	4 29	24 55	4 26	3 42	1 10	23 26	0 17	22 51	0 7	11 6	1 29	30 49	8 12	21 43	21 26	13 47			n.a.
W10	22 45	22 10	1 15	25 18	1 38	12 43	4 43	25 1	4 27	3 45	1 10	23 26	0 17	22 51	0 7	11 6	1 29	30 49	8 12	21 43	21 26	13 45			n.a.
T 11	22 38	21 26	2 16	25 19	1 42	12 32	4 57	25 7	4 28	3 47	1 10	23 27	0 17	22 52	0 7	11 5	1 29	30 49	8 12	21 43	21 25	13 43			n.a.
F 12	22 30	19 43	3 11	25 18	1 46	12 21	5 11	25 13	4 29	3 50	1 9	23 27	0 17	22 52	0 7	11 4	1 29	30 49	8 12	21 42	21 25	13 40			n.a.
S 13	22 21	17 10	3 57	25 15	1 49	12 11	5 25	25 18	4 30	3 53	1 9	23 27	0 16	22 52	0 7	11 4	1 29	30 50	8 12	21 41	21 24	13 38			n.a.
S 14	22 12	13 56	4 33	25 11	1 52	12 2	5 39	25 24	4 31	3 56	1 9	23 27	0 16	22 53	0 7	11 3	1 29	30 50	8 12	21 39	21 23	13 36			n.a.
M15	22 3	10 9	4 56	25 5	1 54	11 54	5 53	25 30	4 32	3 59	1 8	23 27	0 16	22 53	0 7	11 2	1 29	30 50	8 12	21 38	21 23	13 34			n.a.
T 16	21 54	5 59	5 7	24 57	1 57	11 46	6 6	25 35	4 33	4 2	1 8	23 27	0 16	22 54	0 7	11 2	1 29	30 50	8 12	21 36	21 22	13 32			n.a.
W17	21 44	1 34	5 4	24 48	1 59	11 40	6 19	25 40	4 34	4 5	1 8	23 27	0 16	22 54	0 7	11 1	1 29	30 51	8 12	21 35	21 22	13 30			n.a.
T 18	21 33	2 s56	4 49	24 37	2 0	11 34	6 32	25 45	4 34	4 8	1 8	23 27	0 16	22 54	0 7	11 0	1 29	30 51	8 12	21 34	21 21	13 28			n.a.
F 19	21 22	7 23	4 20	24 24	2 1	11 29	6 45	25 50	4 35	4 11	1 7	23 28	0 16	22 55	0 8	10 59	1 29	30 51	8 13	21 33	21 20	13 26			n.a.
S 20	21 11	11 38	3 38	24 9	2 2	11 25	6 56	25 55	4 35	4 14	1 7	23 28	0 16	22 55	0 8	10 59	1 29	30 51	8 13	21 33	21 20	13 23			n.a.
S 21	20 59	15 28	2 44	23 52	2 2	11 22	7 8	26 0	4 35	4 17	1 7	23 28	0 16	22 55	0 8	10 58	1 29	30 52	8 13	21 33	21 19	13 21			n.a.
M22	20 47	18 40	1 41	23 33	2 2	11 20	7 18	26 4	4 35	4 21	1 6	23 28	0 16	22 56	0 8	10 57	1 28	30 52	8 13	21 33	21 19	13 19			n.a.
T 23	20 35	20 57	0 30	23 13	2 1	11 19	7 28	26 9	4 35	4 24	1 6	23 28	0 16	22 56	0 8	10 57	1 28	30 52	8 13	21 33	21 18	13 17			n.a.
W24	20 22	22 3	0n45	22 50	2 0	11 19	7 38	26 13	4 35	4 27	1 6	23 28	0 16	22 56	0 8	10 56	1 28	30 52	8 13	21 33	21 18	13 15			n.a.
T 25	20 9	21 44	2 0	22 25	1 59	11 19	7 46	26 16	4 35	4 31	1 6	23 28	0 16	22 57	0 8	10 55	1 28	30 52	8 13	21 33	21 17	13 13			n.a.
F 26	19 55	19 53	3 8	21 59	1 56	11 21	7 54	26 20	4 34	4 34	1 5	23 28	0 16	22 57	0 8	10 54	1 28	30 53	8 13	21 32	21 16	13 10			n.a.
S 27	19 41	16 38	4 5	21 31	1 54	11 23	8 1	26 24	4 34	4 38	1 5	23 28	0 16	22 57	0 8	10 54	1 28	30 53	8 13	21 31	21 16	13 8			n.a.
S 28	19 27	12 13	4 44	21 0	1 50	11 26	8 7	26 27	4 33	4 42	1 5	23 28	0 16	22 58	0 8	10 53	1 28	30 53	8 13	21 29	21 15	13 6			n.a.
M29	19 12	7 3	5 3	20 28	1 47	11 30	8 12	26 30	4 33	4 45	1 5	23 28	0 15	22 58	0 8	10 52	1 28	30 53	8 13	21 27	21 15	13 4			n.a.
T 30	18 57	1 33	5 0	19 53	1 42	11 34	8 16	26 32	4 32	4 49	1 4	23 28	0 15	22 58	0 8	10 51	1 28	30 53	8 13	21 26	21 14	13 2			n.a.
W31	18 s42	3n55	4n38	19 s17	1 s37	11 s39	8n19	26n35	4n31	4n53	1 s 4	23 s28	0n15	22 s59	0 s 8	10 s51	1 s28	30n53	8n13	21 s24	21 s13	13n 0			n.a.

Julian Day Number = 1619883.5, Delta T = 03h48m10s
Ecliptic obliquity = 23°43'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'32, Lahiri = - 7°47'32 Julian Calendar 1 Jan. 278 BCE == Greg. Calendar 28 Dec. 279 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

FEBRUARY 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 29	8♒10'22	13♈21	12♒44	2°R16	20°R18	14♈51	0♉56	14♐51	5♓53	16°R 5	5°R 1	4♐ 3	11♌32	n.a.	T 1
F 2	8 29 25	9°10'26	27° 3	14°40	1♒41	19♋58	15° 0	1° 2	14°54	5°55	16♋ 3	4♐59	4° 0	11°39	n.a.	F 2
S 3	8 33 22	10°10'28	10♉17	16°36	1° 7	19°38	15°10	1° 8	14°56	5°57	16° 2	4°D58	3°57	11°46	n.a.	S 3
S 4	8 37 19	11°10'27	23° 6	18°33	0°34	19°19	15°19	1°14	14°59	5°59	16° 1	4°59	3°54	11°52	n.a.	S 4
M 5	8 41 15	12°10'24	5♊36	20°29	0° 3	19° 1	15°29	1°20	15° 1	6° 1	16° 0	4°R59	3°50	11°59	n.a.	M 5
T 6	8 45 12	13°10'19	17°51	22°25	29♉33	18°43	15°39	1°26	15° 3	6° 3	15°58	4°58	3°47	12° 6	n.a.	T 6
W 7	8 49 8	14°10'12	29°55	24°21	29° 6	18°26	15°49	1°32	15° 6	6° 5	15°57	4°55	3°44	12°13	n.a.	W 7
T 8	8 53 5	15°10'02	11♋52	26°15	28°40	18° 9	15°59	1°38	15° 8	6° 7	15°56	4°50	3°41	12°19	n.a.	T 8
F 9	8 57 1	16° 9'51	23°45	28° 9	28°17	17°53	16° 9	1°43	15°10	6°10	15°55	4°41	3°38	12°26	n.a.	F 9
S 10	9 0 58	17° 9'37	5♌37	0♓ 1	27°56	17°38	16°19	1°49	15°12	6°12	15°53	4°30	3°35	12°33	n.a.	S 10
S 11	9 4 54	18° 9'20	17°29	1°50	27°37	17°24	16°29	1°55	15°14	6°14	15°52	4°17	3°31	12°39	n.a.	S 11
M12	9 8 51	19° 9'02	29°22	3°38	27°21	17°10	16°39	2° 0	15°16	6°16	15°51	4° 3	3°28	12°46	n.a.	M12
T 13	9 12 47	20° 8'42	11♍19	5°22	27° 7	16°57	16°50	2° 6	15°18	6°18	15°50	3°49	3°25	12°53	n.a.	T 13
W14	9 16 44	21° 8'19	23°20	7° 3	26°56	16°45	17° 1	2°11	15°20	6°21	15°49	3°37	3°22	13° 0	n.a.	W14
T 15	9 20 41	22° 7'55	5♎28	8°41	26°47	16°34	17°11	2°17	15°22	6°23	15°48	3°27	3°19	13° 6	n.a.	T 15
F 16	9 24 37	23° 7'28	17°43	10°13	26°41	16°23	17°22	2°22	15°24	6°25	15°46	3°19	3°16	13°13	n.a.	F 16
S 17	9 28 34	24° 7'00	0♏11	11°42	26°37	16°13	17°33	2°27	15°26	6°27	15°45	3°15	3°12	13°20	n.a.	S 17
S 18	9 32 30	25° 6'30	12°53	13° 4	26°D36	16° 4	17°44	2°33	15°28	6°29	15°44	3°13	3° 9	13°26	n.a.	S 18
M19	9 36 27	26° 5'58	25°55	14°21	26°37	15°56	17°55	2°38	15°29	6°32	15°43	3°13	3° 6	13°33	n.a.	M19
T 20	9 40 23	27° 5'25	9♐19	15°33	26°40	15°49	18° 6	2°43	15°31	6°34	15°42	3°13	3° 3	13°40	n.a.	T 20
W21	9 44 20	28° 4'49	23° 9	16°37	26°46	15°42	18°17	2°48	15°33	6°36	15°41	3°12	3° 0	13°47	n.a.	W21
T 22	9 48 16	29° 4'12	7♑25	17°35	26°54	15°36	18°29	2°53	15°34	6°38	15°40	3° 9	2°56	13°53	n.a.	T 22
F 23	9 52 13	0♓ 3'33	22° 7	18°26	27° 4	15°31	18°40	2°58	15°36	6°41	15°39	3° 3	2°53	14° 0	n.a.	F 23
S 24	9 56 10	1° 2'52	7♒10	19°10	27°16	15°27	18°52	3° 3	15°37	6°43	15°38	2°55	2°50	14° 7	n.a.	S 24
S 25	10 0 6	2° 2'08	22°25	19°46	27°30	15°23	19° 3	3° 8	15°39	6°45	15°37	2°44	2°47	14°13	n.a.	S 25
M26	10 4 3	3° 1'23	7♓41	20°16	27°47	15°20	19°15	3°12	15°40	6°47	15°37	2°33	2°44	14°20	n.a.	M26
T 27	10 7 59	4° 0'35	22°48	20°37	28° 5	15°19	19°27	3°17	15°42	6°50	15°36	2°22	2°41	14°27	n.a.	T 27
W28	10 11 56	4♓59'45	7♈35	20♓51	28♉25	15♋17	19♈39	3♉22	15♐43	6♓52	15♋35	2♐12	2♐37	14♌34	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	18s26	9n 0	3n59	18s39	1s32	11s45	8n21	26n37	4n30	4n56	1s 4	23s28	0n15	22s59	0s 8	10s50	1s28	30n54	8n13	21s24	21s13	12n58		n.a.	T 1
F 2	18 11	13 27	3 8	17 59	1 25	11 52	8 22	26 39	4 29	5 0	1 4	23 28	0 15	22 59	0 8	10 49	1 28	30 54	8 13	21 23	21 12	12 55		n.a.	F 2
S 3	17 54	17 6	2 8	17 18	1 18	11 58	8 23	26 41	4 28	5 4	1 3	23 28	0 15	23 0	0 8	10 48	1 28	30 54	8 13	21 23	21 12	12 53		n.a.	S 3
S 4	17 38	19 47	1 3	16 34	1 11	12 6	8 22	26 43	4 27	5 8	1 3	23 28	0 15	23 0	0 8	10 47	1 28	30 54	8 13	21 23	21 11	12 51		n.a.	S 4
M 5	17 21	21 27	0s 3	15 50	1 3	12 14	8 20	26 44	4 25	5 12	1 3	23 28	0 15	23 0	0 8	10 47	1 28	30 54	8 13	21 23	21 10	12 49		n.a.	M 5
T 6	17 4	22 2	1 8	15 3	0 54	12 22	8 18	26 46	4 24	5 16	1 3	23 28	0 15	23 0	0 8	10 46	1 28	30 54	8 13	21 23	21 10	12 47		n.a.	T 6
W 7	16 47	21 35	2 8	14 16	0 45	12 31	8 15	26 47	4 23	5 20	1 2	23 28	0 15	23 1	0 8	10 45	1 28	30 54	8 13	21 22	21 9	12 45		n.a.	W 7
T 8	16 29	20 10	3 3	13 27	0 34	12 39	8 11	26 48	4 21	5 24	1 2	23 28	0 15	23 1	0 8	10 44	1 28	30 55	8 13	21 21	21 9	12 42		n.a.	T 8
F 9	16 11	17 52	3 48	12 38	0 24	12 48	8 7	26 48	4 20	5 28	1 2	23 28	0 15	23 1	0 8	10 43	1 28	30 55	8 13	21 20	21 8	12 40		n.a.	F 9
S 10	15 53	14 50	4 24	11 48	0 13	12 58	8 1	26 49	4 18	5 33	1 2	23 28	0 15	23 1	0 8	10 43	1 28	30 55	8 12	21 18	21 7	12 38		n.a.	S 10
S 11	15 34	11 13	4 48	10 58	0 1	13 7	7 55	26 49	4 16	5 37	1 1	23 28	0 15	23 2	0 8	10 42	1 28	30 55	8 12	21 15	21 7	12 36		n.a.	S 11
M12	15 16	7 9	4 59	10 7	0n11	13 16	7 49	26 49	4 15	5 41	1 1	23 28	0 15	23 2	0 8	10 41	1 28	30 55	8 12	21 13	21 6	12 34		n.a.	M12
T 13	14 57	2 49	4 58	9 17	0 24	13 26	7 42	26 49	4 13	5 45	1 1	23 28	0 15	23 2	0 8	10 40	1 28	30 55	8 12	21 10	21 5	12 32		n.a.	T 13
W14	14 37	1s39	4 43	8 27	0 37	13 35	7 35	26 49	4 11	5 50	1 1	23 28	0 15	23 2	0 8	10 39	1 28	30 55	8 12	21 8	21 5	12 29		n.a.	W14
T 15	14 18	6 6	4 15	7 39	0 50	13 44	7 27	26 48	4 9	5 54	1 1	23 28	0 14	23 3	0 8	10 38	1 28	30 55	8 12	21 6	21 4	12 27		n.a.	T 15
F 16	13 58	10 21	3 36	6 51	1 3	13 54	7 19	26 48	4 7	5 58	1 0	23 28	0 14	23 3	0 8	10 38	1 28	30 55	8 12	21 4	21 4	12 25		n.a.	F 16
S 17	13 39	14 15	2 45	6 5	1 17	14 3	7 10	26 47	4 5	6 3	1 0	23 28	0 14	23 3	0 8	10 37	1 28	30 55	8 12	21 4	21 3	12 23		n.a.	S 17
S 18	13 18	17 34	1 45	5 21	1 30	14 12	7 1	26 46	4 3	6 7	1 0	23 28	0 14	23 3	0 8	10 36	1 28	30 56	8 12	21 3	21 2	12 21		n.a.	S 18
M19	12 58	20 5	0 39	4 39	1 43	14 21	6 52	26 45	4 1	6 12	1 0	23 28	0 14	23 4	0 8	10 35	1 28	30 56	8 12	21 3	21 2	12 19		n.a.	M19
T 20	12 38	21 35	0n32	3 59	1 56	14 29	6 43	26 44	3 59	6 16	1 0	23 28	0 14	23 4	0 8	10 34	1 28	30 56	8 12	21 3	21 1	12 16		n.a.	T 20
W21	12 17	21 50	1 43	3 22	2 9	14 37	6 33	26 43	3 57	6 21	0 59	23 28	0 14	23 4	0 8	10 33	1 28	30 56	8 12	21 3	21 1	12 14		n.a.	W21
T 22	11 56	20 41	2 50	2 48	2 21	14 45	6 24	26 41	3 55	6 25	0 59	23 28	0 14	23 4	0 8	10 33	1 28	30 56	8 12	21 2	21 0	12 12		n.a.	T 22
F 23	11 35	18 9	3 48	2 17	2 33	14 53	6 14	26 40	3 53	6 30	0 59	23 28	0 14	23 4	0 8	10 32	1 28	30 56	8 12	21 1	20 59	12 10		n.a.	F 23
S 24	11 14	14 20	4 31	1 50	2 43	15 0	6 4	26 38	3 51	6 34	0 59	23 28	0 14	23 4	0 8	10 31	1 28	30 56	8 12	21 0	20 59	12 8		n.a.	S 24
S 25	10 53	9 33	4 55	1 26	2 54	15 7	5 54	26 37	3 48	6 39	0 59	23 28	0 14	23 5	0 8	10 30	1 28	30 56	8 11	20 58	20 58	12 5		n.a.	S 25
M26	10 31	4 10	4 59	1 7	3 3	15 14	5 44	26 35	3 46	6 44	0 58	23 28	0 14	23 5	0 8	10 29	1 28	30 56	8 11	20 55	20 57	12 3		n.a.	M26
T 27	10 9	1n25	4 42	0 51	3 11	15 20	5 34	26 33	3 44	6 48	0 58	23 27	0 14	23 5	0 8	10 28	1 28	30 56	8 11	20 53	20 57	12 1		n.a.	T 27
W28	9s48	6n47	4n 6	0s39	3n18	15s26	5n24	26n31	3n42	6n53	0s58	23s27	0n14	23s 5	0s 8	10s27	1s28	30n56	8n11	20s51	20s56	11n59		n.a.	W28

Julian Day Number = 1619914.5, Delta T = 03h48m09s
Ecliptic obliquity = 23°43'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'28, Lahiri = - 7°47'27 Julian Calendar 1 Feb. 278 BCE == Greg. Calendar 28 Jan. 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

MARCH 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 15 52	5♓58'53	21♈55	20°R58	28♉47	15°D17	19♈51	3♉26	15♐44	6♓54	15°R34	2°R 5	2♐34	14♌40	n.a.	T 1
F 2	10 19 49	6°57'59	5♉46	20♓57	29°11	15♋17	20° 3	3°30	15°46	6°57	15♋33	2♐ 1	2°31	14°47	n.a.	F 2
S 3	10 23 45	7°57'02	19° 7	20°50	29°37	15°18	20°15	3°35	15°47	6°59	15°32	1°59	2°28	14°54	n.a.	S 3
S 4	10 27 42	8°56'03	2♊ 1	20°35	0♒ 4	15°20	20°27	3°39	15°48	7° 1	15°32	1°59	2°25	15° 1	n.a.	S 4
M 5	10 31 38	9°55'01	14°32	20°15	0°32	15°22	20°39	3°43	15°49	7° 3	15°31	1°59	2°21	15° 7	n.a.	M 5
T 6	10 35 35	10°53'57	26°47	19°49	1° 3	15°26	20°51	3°47	15°50	7° 6	15°30	1°58	2°18	15°14	n.a.	T 6
W 7	10 39 32	11°52'51	8♋48	19°17	1°34	15°29	21° 4	3°51	15°51	7° 8	15°29	1°55	2°15	15°21	n.a.	W 7
T 8	10 43 28	12°51'42	20°43	18°41	2° 7	15°34	21°16	3°55	15°52	7°10	15°29	1°50	2°12	15°27	n.a.	T 8
F 9	10 47 25	13°50'31	2♌33	18° 2	2°42	15°39	21°29	3°59	15°53	7°12	15°28	1°42	2° 9	15°34	n.a.	F 9
S 10	10 51 21	14°49'17	14°24	17°20	3°17	15°45	21°41	4° 3	15°53	7°15	15°27	1°32	2° 6	15°41	n.a.	S 10
S 11	10 55 18	15°48'02	26°17	16°35	3°54	15°52	21°54	4° 7	15°54	7°17	15°27	1°19	2° 2	15°48	n.a.	S 11
M12	10 59 14	16°46'44	8♍15	15°50	4°32	15°59	22° 6	4°10	15°55	7°19	15°26	1° 6	1°59	15°54	n.a.	M12
T 13	11 3 11	17°45'24	20°19	15° 4	5°11	16° 7	22°19	4°14	15°56	7°21	15°26	0°52	1°56	16° 1	n.a.	T 13
W14	11 7 7	18°44'02	2♎30	14°19	5°52	16°15	22°32	4°17	15°56	7°24	15°25	0°40	1°53	16° 8	n.a.	W14
T 15	11 11 4	19°42'38	14°48	13°35	6°33	16°24	22°45	4°21	15°57	7°26	15°25	0°31	1°50	16°14	n.a.	T 15
F 16	11 15 1	20°41'12	27°16	12°53	7°16	16°34	22°58	4°24	15°57	7°28	15°24	0°24	1°47	16°21	n.a.	F 16
S 17	11 18 57	21°39'45	9♏54	12°14	7°59	16°44	23°11	4°27	15°58	7°30	15°24	0°19	1°43	16°28	n.a.	S 17
S 18	11 22 54	22°38'15	22°45	11°39	8°43	16°55	23°24	4°30	15°58	7°32	15°23	0°18	1°40	16°35	n.a.	S 18
M19	11 26 50	23°36'44	5♐51	11° 8	9°29	17° 6	23°37	4°33	15°59	7°35	15°23	0°D17	1°37	16°41	n.a.	M19
T 20	11 30 47	24°35'11	19°15	10°40	10°15	17°18	23°50	4°36	15°59	7°37	15°23	0°R18	1°34	16°48	n.a.	T 20
W21	11 34 43	25°33'37	2♑59	10°18	11° 2	17°30	24° 3	4°39	15°59	7°39	15°22	0°18	1°31	16°55	n.a.	W21
T 22	11 38 40	26°32'01	17° 4	10° 0	11°50	17°43	24°16	4°42	15°59	7°41	15°22	0°16	1°27	17° 1	n.a.	T 22
F 23	11 42 36	27°30'23	1♒29	9°47	12°38	17°57	24°29	4°45	16° 0	7°43	15°22	0°12	1°24	17° 8	n.a.	F 23
S 24	11 46 33	28°28'43	16°13	9°39	13°28	18°11	24°42	4°47	16° 0	7°46	15°21	0° 6	1°21	17°15	n.a.	S 24
S 25	11 50 29	29°27'02	1♓ 9	9°D37	14°18	18°25	24°56	4°50	16° 0	7°48	15°21	29♏58	1°18	17°22	n.a.	S 25
M26	11 54 26	0♈25'19	16° 8	9°39	15° 8	18°40	25° 9	4°52	16°R 0	7°50	15°21	29°49	1°15	17°28	n.a.	M26
T 27	11 58 23	1°23'34	1♈ 2	9°46	16° 0	18°55	25°22	4°55	16° 0	7°52	15°21	29°40	1°12	17°35	n.a.	T 27
W28	12 2 19	2°21'47	15°42	9°58	16°52	19°11	25°36	4°57	16° 0	7°54	15°21	29°32	1° 8	17°42	n.a.	W28
T 29	12 6 16	3°19'59	29°59	10°15	17°44	19°28	25°49	4°59	15°59	7°56	15°21	29°27	1° 5	17°48	n.a.	T 29
F 30	12 10 12	4°18'08	13♉52	10°36	18°37	19°44	26° 3	5° 1	15°59	7°58	15°21	29°23	1° 2	17°55	n.a.	F 30
S 31	12 14 9	5♈16'16	27♉17	11♓ 1	19♒31	20♋ 2	26♈16	5♉ 3	15♐59	8♓ 0	15♋20	29°D22	0♐59	18♌ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9s26	11n38	3n15	0s31	3n24	15s32	5n14	26n29	3n40	6n58	0s58	23s27	0n14	23s 5	0s 8	10s27	1s28	30n56	8n11	20s50	20s56	11n57			n.a.
F 2	9 4	15 42	2 14	0 27	3 28	15 37	5 4	26 26	3 38	7 2	0 58	23 27	0 14	23 5	0 8	10 26	1 28	30 56	8 11	20 49	20 55	11 54			n.a.
S 3	8 41	18 47	1 8	0 27	3 31	15 41	4 54	26 24	3 35	7 7	0 57	23 27	0 13	23 6	0 8	10 25	1 28	30 56	8 11	20 49	20 54	11 52			n.a.
S 4	8 19	20 49	0s 0	0 31	3 32	15 46	4 44	26 22	3 33	7 12	0 57	23 27	0 13	23 6	0 8	10 24	1 28	30 56	8 11	20 48	20 54	11 50			n.a.
M 5	7 57	21 44	1 6	0 40	3 32	15 49	4 34	26 19	3 31	7 17	0 57	23 27	0 13	23 6	0 8	10 23	1 28	30 56	8 11	20 48	20 53	11 48			n.a.
T 6	7 34	21 34	2 7	0 52	3 30	15 52	4 24	26 17	3 29	7 22	0 57	23 27	0 13	23 6	0 8	10 22	1 28	30 56	8 10	20 48	20 52	11 46			n.a.
W 7	7 11	20 25	3 2	1 7	3 27	15 55	4 14	26 14	3 27	7 26	0 57	23 27	0 13	23 6	0 8	10 22	1 28	30 56	8 10	20 48	20 52	11 43			n.a.
T 8	6 49	18 22	3 47	1 26	3 22	15 57	4 4	26 11	3 24	7 31	0 56	23 27	0 13	23 6	0 8	10 21	1 28	30 56	8 10	20 47	20 51	11 41			n.a.
F 9	6 26	15 33	4 23	1 48	3 15	15 59	3 55	26 9	3 22	7 36	0 56	23 27	0 13	23 6	0 8	10 20	1 28	30 56	8 10	20 45	20 50	11 39			n.a.
S 10	6 3	12 7	4 47	2 12	3 7	16 0	3 45	26 6	3 20	7 41	0 56	23 27	0 13	23 6	0 8	10 19	1 28	30 56	8 10	20 43	20 50	11 37			n.a.
S 11	5 40	8 13	4 59	2 39	2 57	16 1	3 36	26 3	3 18	7 46	0 56	23 27	0 13	23 7	0 8	10 18	1 28	30 56	8 10	20 40	20 49	11 35			n.a.
M12	5 17	3 58	4 58	3 7	2 46	16 1	3 26	26 0	3 16	7 51	0 56	23 27	0 13	23 7	0 8	10 17	1 28	30 56	8 10	20 38	20 49	11 32			n.a.
T 13	4 54	0s28	4 44	3 36	2 33	16 1	3 17	25 57	3 14	7 56	0 56	23 27	0 13	23 7	0 8	10 17	1 28	30 55	8 10	20 35	20 48	11 30			n.a.
W14	4 31	4 55	4 16	4 6	2 20	16 0	3 8	25 54	3 12	8 1	0 56	23 27	0 13	23 7	0 8	10 16	1 28	30 55	8 9	20 32	20 47	11 28			n.a.
T 15	4 7	9 13	3 36	4 36	2 5	15 58	2 59	25 50	3 10	8 6	0 55	23 27	0 13	23 7	0 8	10 15	1 28	30 55	8 9	20 30	20 47	11 26			n.a.
F 16	3 44	13 12	2 46	5 6	1 50	15 56	2 50	25 47	3 7	8 11	0 55	23 26	0 13	23 7	0 8	10 14	1 28	30 55	8 9	20 29	20 46	11 24			n.a.
S 17	3 21	16 38	1 46	5 36	1 35	15 54	2 41	25 44	3 5	8 16	0 55	23 26	0 13	23 7	0 8	10 13	1 28	30 55	8 9	20 28	20 45	11 21			n.a.
S 18	2 57	19 20	0 40	6 4	1 19	15 51	2 33	25 40	3 3	8 21	0 55	23 26	0 13	23 7	0 8	10 12	1 28	30 55	8 9	20 27	20 45	11 19			n.a.
M19	2 34	21 3	0n30	6 31	1 3	15 47	2 24	25 37	3 1	8 26	0 55	23 26	0 13	23 7	0 8	10 12	1 28	30 55	8 9	20 27	20 44	11 17			n.a.
T 20	2 11	21 38	1 39	6 56	0 46	15 43	2 16	25 33	2 59	8 31	0 55	23 26	0 12	23 7	0 8	10 11	1 28	30 55	8 9	20 27	20 43	11 15			n.a.
W21	1 47	20 57	2 45	7 20	0 30	15 38	2 7	25 30	2 57	8 36	0 54	23 26	0 12	23 7	0 8	10 10	1 28	30 55	8 8	20 27	20 43	11 12			n.a.
T 22	1 24	18 57	3 42	7 42	0 14	15 33	1 59	25 26	2 55	8 41	0 54	23 26	0 12	23 7	0 8	10 9	1 28	30 55	8 8	20 27	20 42	11 10			n.a.
F 23	1 0	15 44	4 27	8 1	0s 1	15 27	1 51	25 22	2 53	8 46	0 54	23 26	0 12	23 7	0 8	10 8	1 28	30 55	8 8	20 26	20 41	11 8			n.a.
S 24	0 37	11 28	4 55	8 18	0 17	15 20	1 43	25 18	2 51	8 51	0 54	23 26	0 12	23 7	0 8	10 8	1 28	30 54	8 8	20 25	20 41	11 6			n.a.
S 25	0 13	6 28	5 4	8 32	0 31	15 13	1 35	25 14	2 49	8 56	0 54	23 26	0 12	23 7	0 8	10 7	1 29	30 54	8 8	20 23	20 40	11 4			n.a.
M26	0n10	1 3	4 52	8 45	0 45	15 6	1 28	25 10	2 47	9 1	0 54	23 26	0 12	23 7	0 9	10 6	1 29	30 54	8 8	20 21	20 39	11 1			n.a.
T 27	0 34	4n23	4 20	8 54	0 59	14 58	1 20	25 6	2 45	9 6	0 54	23 26	0 12	23 7	0 9	10 5	1 29	30 54	8 8	20 19	20 39	10 59			n.a.
W28	0 57	9 30	3 32	9 1	1 11	14 49	1 13	25 2	2 43	9 11	0 53	23 26	0 12	23 7	0 9	10 4	1 29	30 54	8 7	20 18	20 38	10 57			n.a.
T 29	1 20	13 57	2 31	9 6	1 23	14 40	1 5	24 58	2 42	9 16	0 53	23 26	0 12	23 7	0 9	10 4	1 29	30 54	8 7	20 16	20 37	10 55			n.a.
F 30	1 44	17 30	1 22	9 8	1 35	14 30	0 58	24 53	2 40	9 21	0 53	23 26	0 12	23 7	0 9	10 3	1 29	30 54	8 7	20 16	20 37	10 52			n.a.
S 31	2n 7	19n58	0n11	9s 8	1s45	14s20	0n51	24n49	2n38	9n26	0s53	23s26	0n12	23s 7	0s 9	10s 2	1s29	30n54	8n 7	20s15	20s36	10n50			n.a.

Julian Day Number = 1619942.5, Delta T = 03h48m08s
Ecliptic obliquity = 23°43'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'24, Lahiri = - 7°47'24 Julian Calendar 1 March 278 BCE == Greg. Calendar 25 Feb. 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

APRIL 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 18 5	6♈14'21	10♊16	11♓31	20♒25	20♋19	26♈30	5♉ 5	15°R59	8♓ 2	15°R20	29♏23	0♐56	18♌ 9	n.a.	S 1
M 2	12 22 2	7°12'25	22°52	12° 5	21°20	20°38	26°44	5° 7	15♐58	8° 4	15°D20	29°24	0°53	18°15	n.a.	M 2
T 3	12 25 58	8°10'27	5♋ 9	12°43	22°15	20°56	26°57	5° 8	15°58	8° 6	15♋20	29°R24	0°49	18°22	n.a.	T 3
W 4	12 29 55	9° 8'26	17°13	13°25	23°11	21°15	27°11	5°10	15°58	8° 8	15°20	29°24	0°46	18°29	n.a.	W 4
T 5	12 33 52	10° 6'24	29° 9	14°10	24° 7	21°34	27°24	5°11	15°57	8°10	15°21	29°22	0°43	18°36	n.a.	T 5
F 6	12 37 48	11° 4'19	11♌ 1	14°59	25° 4	21°54	27°38	5°13	15°56	8°12	15°21	29°18	0°40	18°42	n.a.	F 6
S 7	12 41 45	12° 2'13	22°53	15°51	26° 1	22°14	27°52	5°14	15°56	8°14	15°21	29°12	0°37	18°49	n.a.	S 7
S 8	12 45 41	13° 0'05	4♍49	16°46	26°58	22°35	28° 6	5°15	15°55	8°16	15°21	29° 5	0°33	18°56	n.a.	S 8
M 9	12 49 38	13°57'55	16°52	17°45	27°56	22°55	28°19	5°16	15°55	8°18	15°21	28°56	0°30	19° 2	n.a.	M 9
T 10	12 53 34	14°55'43	29° 4	18°46	28°55	23°17	28°33	5°17	15°54	8°20	15°21	28°48	0°27	19° 9	n.a.	T 10
W11	12 57 31	15°53'30	11♎26	19°51	29°53	23°38	28°47	5°18	15°53	8°22	15°22	28°41	0°24	19°16	n.a.	W11
T 12	13 1 27	16°51'15	24° 0	20°58	0♓52	24° 0	29° 1	5°19	15°52	8°24	15°22	28°35	0°21	19°23	n.a.	T 12
F 13	13 5 24	17°48'59	6♏45	22° 8	1°52	24°22	29°15	5°20	15°51	8°26	15°22	28°31	0°18	19°29	n.a.	F 13
S 14	13 9 20	18°46'41	19°41	23°21	2°52	24°45	29°28	5°20	15°50	8°28	15°22	28°29	0°14	19°36	n.a.	S 14
S 15	13 13 17	19°44'22	2♐50	24°36	3°52	25° 8	29°42	5°21	15°49	8°30	15°23	28°D29	0°11	19°43	n.a.	S 15
M16	13 17 14	20°42'02	16°12	25°54	4°52	25°31	29°56	5°21	15°48	8°31	15°23	28°30	0° 8	19°49	n.a.	M16
T 17	13 21 10	21°39'40	29°46	27°14	5°53	25°54	0♉10	5°21	15°47	8°33	15°24	28°31	0° 5	19°56	n.a.	T 17
W18	13 25 7	22°37'18	13♉35	28°37	6°54	26°18	0°24	5°22	15°46	8°35	15°24	28°32	0° 2	20° 3	n.a.	W18
T 19	13 29 3	23°34'55	27°37	0♈ 2	7°55	26°42	0°38	5°22	15°45	8°37	15°25	28°R33	29♏58	20°10	n.a.	T 19
F 20	13 33 0	24°32'30	11♒52	1°29	8°57	27° 6	0°52	5°R22	15°44	8°38	15°25	28°31	29°55	20°16	n.a.	F 20
S 21	13 36 56	25°30'04	26°18	2°59	9°59	27°31	1° 6	5°22	15°43	8°40	15°26	28°29	29°52	20°23	n.a.	S 21
S 22	13 40 53	26°27'38	10♓50	4°31	11° 1	27°56	1°20	5°22	15°42	8°42	15°26	28°25	29°49	20°30	n.a.	S 22
M23	13 44 49	27°25'10	25°24	6° 6	12° 4	28°21	1°34	5°21	15°40	8°43	15°27	28°21	29°46	20°36	n.a.	M23
T 24	13 48 46	28°22'41	9♈53	7°43	13° 6	28°47	1°48	5°21	15°39	8°45	15°27	28°16	29°43	20°43	n.a.	T 24
W25	13 52 43	29°20'11	24°11	9°22	14° 9	29°12	2° 2	5°21	15°37	8°47	15°28	28°13	29°39	20°50	n.a.	W25
T 26	13 56 39	0♉17'40	8♉12	11° 3	15°12	29°38	2°16	5°20	15°36	8°48	15°28	28°10	29°36	20°57	n.a.	T 26
F 27	14 0 36	1°15'08	21°54	12°47	16°16	0♌ 5	2°30	5°19	15°35	8°50	15°29	28°D 9	29°33	21° 3	n.a.	F 27
S 28	14 4 32	2°12'35	5♊14	14°33	17°19	0°31	2°44	5°19	15°33	8°51	15°30	28° 9	29°30	21°10	n.a.	S 28
S 29	14 8 29	3°10'00	18°11	16°21	18°23	0°58	2°58	5°18	15°31	8°53	15°31	28°10	29°27	21°17	n.a.	S 29
M30	14 12 25	4♉ 7'25	0♋49	18♈11	19♓27	1♌25	3♉11	5♉17	15♐30	8♓54	15♋31	28♏11	29♏24	21♌24	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n30	21n18	0s58	9s 6	1s55	14s 9	0n44	24n44	2n36	9n31	0s53	23s26	0n12	23s 7	0s 9	10s 1	1s29	30n53	8n 7	20s16	20s35	10n48		n.a.
M 2	2 54	21 29	2 3	9 1	2 4	13 58	0 38	24 40	2 34	9 36	0 53	23 26	0 12	23 7	0 9	10 1	1 29	30 53	8 7	20 16	20 35	10 46		n.a.
T 3	3 17	20 38	3 0	8 54	2 12	13 46	0 31	24 35	2 32	9 41	0 53	23 26	0 12	23 7	0 9	10 0	1 29	30 53	8 7	20 16	20 34	10 44		n.a.
W 4	3 40	18 50	3 48	8 45	2 20	13 34	0 25	24 30	2 31	9 47	0 53	23 26	0 12	23 7	0 9	9 59	1 29	30 53	8 6	20 16	20 33	10 41		n.a.
T 5	4 3	16 14	4 26	8 33	2 27	13 21	0 18	24 25	2 29	9 52	0 52	23 26	0 11	23 7	0 9	9 58	1 29	30 53	8 6	20 15	20 33	10 39		n.a.
F 6	4 26	13 0	4 52	8 20	2 33	13 8	0 12	24 20	2 27	9 57	0 52	23 26	0 11	23 7	0 9	9 58	1 29	30 53	8 6	20 15	20 32	10 37		n.a.
S 7	4 49	9 15	5 6	8 4	2 38	12 54	0 6	24 15	2 25	10 2	0 52	23 26	0 11	23 7	0 9	9 57	1 29	30 52	8 6	20 13	20 31	10 35		n.a.
S 8	5 12	5 7	5 6	7 47	2 43	12 40	0 0	24 10	2 23	10 7	0 52	23 26	0 11	23 7	0 9	9 56	1 29	30 52	8 6	20 12	20 31	10 32		n.a.
M 9	5 34	0 45	4 53	7 27	2 47	12 25	0s 6	24 5	2 22	10 12	0 52	23 26	0 11	23 7	0 9	9 56	1 29	30 52	8 6	20 10	20 30	10 30		n.a.
T 10	5 57	3s41	4 26	7 6	2 50	12 10	0 11	24 0	2 20	10 17	0 52	23 26	0 11	23 7	0 9	9 55	1 29	30 52	8 5	20 8	20 29	10 28		n.a.
W11	6 20	8 3	3 47	6 42	2 52	11 55	0 17	23 54	2 18	10 22	0 52	23 26	0 11	23 7	0 9	9 54	1 29	30 52	8 5	20 6	20 29	10 26		n.a.
T 12	6 42	12 8	2 56	6 17	2 54	11 39	0 22	23 49	2 17	10 27	0 52	23 26	0 11	23 7	0 9	9 54	1 29	30 52	8 5	20 5	20 28	10 23		n.a.
F 13	7 4	15 44	1 55	5 50	2 55	11 22	0 28	23 43	2 15	10 32	0 52	23 26	0 11	23 7	0 9	9 53	1 29	30 51	8 5	20 4	20 27	10 21		n.a.
S 14	7 27	18 38	0 48	5 22	2 56	11 5	0 33	23 37	2 13	10 37	0 51	23 26	0 11	23 7	0 9	9 52	1 29	30 51	8 5	20 4	20 27	10 19		n.a.
S 15	7 49	20 35	0n24	4 51	2 56	10 48	0 38	23 31	2 12	10 42	0 51	23 26	0 11	23 7	0 9	9 52	1 29	30 51	8 5	20 4	20 26	10 17		n.a.
M16	8 11	21 26	1 35	4 19	2 55	10 30	0 43	23 25	2 10	10 47	0 51	23 26	0 11	23 6	0 9	9 51	1 29	30 51	8 5	20 4	20 25	10 14		n.a.
T 17	8 33	21 2	2 42	3 46	2 53	10 12	0 47	23 19	2 9	10 52	0 51	23 26	0 11	23 6	0 9	9 50	1 29	30 51	8 4	20 4	20 25	10 12		n.a.
W18	8 54	19 22	3 41	3 10	2 51	9 53	0 52	23 13	2 7	10 57	0 51	23 26	0 11	23 6	0 9	9 50	1 29	30 50	8 4	20 4	20 24	10 10		n.a.
T 19	9 16	16 31	4 28	2 34	2 49	9 34	0 56	23 7	2 5	11 2	0 51	23 26	0 11	23 6	0 9	9 49	1 29	30 50	8 4	20 4	20 23	10 8		n.a.
F 20	9 37	12 39	4 59	1 56	2 45	9 15	1 1	23 1	2 4	11 7	0 51	23 27	0 11	23 6	0 9	9 48	1 29	30 50	8 4	20 4	20 23	10 6		n.a.
S 21	9 59	8 1	5 12	1 16	2 42	8 55	1 5	22 54	2 2	11 12	0 51	23 27	0 10	23 6	0 9	9 48	1 29	30 50	8 4	20 4	20 22	10 3		n.a.
S 22	10 20	2 54	5 5	0 35	2 37	8 35	1 9	22 48	2 1	11 17	0 51	23 27	0 10	23 6	0 9	9 47	1 29	30 50	8 4	20 3	20 21	10 1		n.a.
M23	10 41	2n23	4 38	0n 8	2 32	8 14	1 13	22 41	1 59	11 22	0 51	23 27	0 10	23 6	0 9	9 47	1 30	30 49	8 4	20 2	20 21	9 59		n.a.
T 24	11 2	7 32	3 54	0 51	2 26	7 53	1 17	22 34	1 58	11 27	0 51	23 27	0 10	23 6	0 9	9 46	1 30	30 49	8 3	20 1	20 20	9 57		n.a.
W25	11 22	12 12	2 55	1 36	2 20	7 32	1 20	22 27	1 56	11 32	0 50	23 27	0 10	23 5	0 9	9 45	1 30	30 49	8 3	20 0	20 19	9 54		n.a.
T 26	11 43	16 6	1 47	2 23	2 14	7 11	1 24	22 20	1 55	11 37	0 50	23 27	0 10	23 5	0 9	9 45	1 30	30 49	8 3	19 59	20 19	9 52		n.a.
F 27	12 3	19 1	0 34	3 10	2 7	6 49	1 27	22 13	1 53	11 42	0 50	23 27	0 10	23 5	0 9	9 44	1 30	30 48	8 3	19 59	20 18	9 50		n.a.
S 28	12 23	20 48	0s39	3 59	1 59	6 27	1 30	22 6	1 52	11 47	0 50	23 27	0 10	23 5	0 9	9 44	1 30	30 48	8 3	19 59	20 17	9 48		n.a.
S 29	12 43	21 24	1 48	4 48	1 51	6 5	1 34	21 59	1 50	11 52	0 50	23 27	0 10	23 5	0 9	9 43	1 30	30 48	8 3	19 59	20 16	9 45		n.a.
M30	13n 3	20n54	2s50	5n39	1s42	5s42	1s37	21n51	1n49	11n57	0s50	23s27	0n10	23s 5	0s 9	9s43	1s30	30n48	8n 2	20s 0	20s16	9n43		n.a.

Julian Day Number = 1619973.5, Delta T = 03h48m07s
Ecliptic obliquity = 23°43'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'20, Lahiri = - 7°47'19 Julian Calendar 1 Apr. 278 BCE == Greg. Calendar 28 March 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

MAY 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 16 22	5♉ 4'48	13♋ 9	20♈ 4	20♓32	1♌52	3♉25	5°R16	15°R28	8♓56	15♋32	28♏13	29♏20	21♌30	n.a.	T 1
W 2	14 20 18	6° 2'09	25°15	21°59	21°36	2°20	3°39	5♑15	15♐27	8°57	15°33	28°14	29°17	21°37	n.a.	W 2
T 3	14 24 15	6°59'30	7♌13	23°56	22°41	2°47	3°53	5°13	15°25	8°59	15°34	28°R15	29°14	21°44	n.a.	T 3
F 4	14 28 12	7°56'49	19° 6	25°55	23°45	3°15	4° 7	5°12	15°23	9° 0	15°35	28°14	29°11	21°50	n.a.	F 4
S 5	14 32 8	8°54'07	1♍ 0	27°56	24°50	3°43	4°21	5°11	15°21	9° 1	15°35	28°13	29° 8	21°57	n.a.	S 5
S 6	14 36 5	9°51'24	12°59	29°59	25°55	4°12	4°35	5° 9	15°20	9° 3	15°36	28°11	29° 4	22° 4	n.a.	S 6
M 7	14 40 1	10°48'40	25° 6	2♉ 4	27° 1	4°40	4°49	5° 8	15°18	9° 4	15°37	28° 8	29° 1	22°11	n.a.	M 7
T 8	14 43 58	11°45'55	7♎25	4°10	28° 6	5° 9	5° 3	5° 6	15°16	9° 5	15°38	28° 6	28°58	22°17	n.a.	T 8
W 9	14 47 54	12°43'09	19°57	6°18	29°12	5°38	5°17	5° 4	15°14	9° 6	15°39	28° 4	28°55	22°24	n.a.	W 9
T 10	14 51 51	13°40'22	2♏45	8°27	0♈18	6° 7	5°31	5° 2	15°12	9° 8	15°40	28° 2	28°52	22°31	n.a.	T 10
F 11	14 55 47	14°37'34	15°49	10°37	1°24	6°37	5°45	5° 0	15°10	9° 9	15°41	28° 1	28°49	22°38	n.a.	F 11
S 12	14 59 44	15°34'46	29° 8	12°48	2°30	7° 6	5°58	4°58	15° 8	9°10	15°42	28°D 1	28°45	22°44	n.a.	S 12
S 13	15 3 41	16°31'57	12♐41	14°59	3°36	7°36	6°12	4°56	15° 6	9°11	15°43	28° 1	28°42	22°51	n.a.	S 13
M14	15 7 37	17°29'08	26°26	17°11	4°42	8° 6	6°26	4°54	15° 4	9°12	15°44	28° 2	28°39	22°58	n.a.	M14
T 15	15 11 34	18°26'19	10♑22	19°23	5°49	8°36	6°40	4°52	15° 2	9°13	15°46	28° 2	28°36	23° 4	n.a.	T 15
W16	15 15 30	19°23'29	24°27	21°34	6°56	9° 6	6°54	4°49	15° 0	9°14	15°47	28° 3	28°33	23°11	n.a.	W16
T 17	15 19 27	20°20'38	8♒37	23°45	8° 2	9°37	7° 7	4°47	14°58	9°15	15°48	28° 4	28°29	23°18	n.a.	T 17
F 18	15 23 23	21°17'48	22°51	25°55	9° 9	10° 8	7°21	4°44	14°56	9°16	15°49	28°R 4	28°26	23°25	n.a.	F 18
S 19	15 27 20	22°14'57	7♓ 6	28° 4	10°16	10°38	7°35	4°42	14°54	9°17	15°50	28° 4	28°23	23°31	n.a.	S 19
S 20	15 31 17	23°12'07	21°20	0♊11	11°24	11° 9	7°48	4°39	14°51	9°18	15°51	28° 3	28°20	23°38	n.a.	S 20
M21	15 35 13	24° 9'16	5♈28	2°18	12°31	11°41	8° 2	4°36	14°49	9°19	15°53	28° 3	28°17	23°45	n.a.	M21
T 22	15 39 10	25° 6'25	19°30	4°22	13°39	12°12	8°16	4°33	14°47	9°20	15°54	28° 2	28°14	23°51	n.a.	T 22
W23	15 43 6	26° 3'34	3♉20	6°25	14°46	12°44	8°29	4°30	14°45	9°21	15°55	28° 2	28°10	23°58	n.a.	W23
T 24	15 47 3	27° 0'43	16°58	8°27	15°54	13°15	8°43	4°27	14°43	9°22	15°56	28° 2	28° 7	24° 5	n.a.	T 24
F 25	15 50 59	27°57'51	0♊20	10°26	17° 2	13°47	8°56	4°24	14°40	9°22	15°58	28° 2	28° 4	24°12	n.a.	F 25
S 26	15 54 56	28°55'00	13°25	12°23	18°10	14°19	9°10	4°21	14°38	9°23	15°59	28° 2	28° 1	24°18	n.a.	S 26
S 27	15 58 52	29°52'08	26°14	14°19	19°18	14°51	9°23	4°18	14°36	9°24	16° 0	28° 2	27°58	24°25	n.a.	S 27
M28	16 2 49	0♊49'16	8♋46	16°12	20°26	15°24	9°37	4°15	14°33	9°24	16° 2	28° 2	27°55	24°32	n.a.	M28
T 29	16 6 46	1°46'23	21° 4	18° 3	21°34	15°56	9°50	4°11	14°31	9°25	16° 3	28° 1	27°51	24°39	n.a.	T 29
W30	16 10 42	2°43'31	3♌11	19°52	22°42	16°29	10° 4	4° 8	14°29	9°26	16° 5	28° 1	27°48	24°45	n.a.	W30
T 31	16 14 39	3♊40'38	15♌ 9	21♊39	23♈51	17♌ 2	10♉17	4♑ 5	14♐26	9♓26	16♋ 6	28♏ 0	27♏45	24♌52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	13n22	19n23	3s43	6n30	1s33	5s19	1s40	21n44	1n47	12n 1	0s50	23s28	0n10	23s 5	0s 9	9s42	1s30	30n47	8n 2	20s 0	20s15	9n41		n.a.	T 1
W 2	13 42	17 1	4 24	7 22	1 24	4 56	1 42	21 36	1 46	12 6	0 50	23 28	0 10	23 4	0 9	9 42	1 30	30 47	8 2	20 0	20 14	9 39		n.a.	W 2
T 3	14 1	13 57	4 54	8 15	1 14	4 33	1 45	21 28	1 45	12 11	0 50	23 28	0 10	23 4	0 9	9 41	1 30	30 47	8 2	20 0	20 14	9 36		n.a.	T 3
F 4	14 20	10 21	5 11	9 8	1 4	4 9	1 48	21 20	1 43	12 16	0 50	23 28	0 10	23 4	0 9	9 41	1 30	30 47	8 2	20 0	20 13	9 34		n.a.	F 4
S 5	14 38	6 21	5 15	10 2	0 54	3 45	1 50	21 12	1 42	12 21	0 50	23 28	0 9	23 4	0 9	9 40	1 30	30 47	8 2	20 0	20 12	9 32		n.a.	S 5
S 6	14 57	2 5	5 5	10 55	0 43	3 21	1 52	21 4	1 41	12 26	0 50	23 28	0 9	23 4	0 9	9 40	1 30	30 46	8 2	20 0	20 12	9 29		n.a.	S 6
M 7	15 15	2s19	4 41	11 49	0 33	2 57	1 54	20 56	1 39	12 30	0 50	23 28	0 9	23 3	0 9	9 39	1 30	30 46	8 2	19 59	20 11	9 27		n.a.	M 7
T 8	15 33	6 42	4 4	12 43	0 22	2 32	1 56	20 47	1 38	12 35	0 49	23 28	0 9	23 3	0 9	9 39	1 30	30 46	8 1	19 58	20 10	9 25		n.a.	T 8
W 9	15 50	10 54	3 15	13 36	0 11	2 8	1 58	20 39	1 36	12 40	0 49	23 29	0 9	23 3	0 9	9 39	1 30	30 46	8 1	19 58	20 9	9 23		n.a.	W 9
T 10	16 8	14 41	2 15	14 29	0 0	1 43	2 0	20 30	1 35	12 45	0 49	23 29	0 9	23 3	0 9	9 38	1 30	30 45	8 1	19 58	20 9	9 20		n.a.	T 10
F 11	16 25	17 50	1 7	15 21	0n10	1 18	2 2	20 21	1 34	12 49	0 49	23 29	0 9	23 3	0 9	9 38	1 30	30 45	8 1	19 57	20 8	9 18		n.a.	F 11
S 12	16 42	20 6	0n 6	16 12	0 21	0 53	2 3	20 13	1 33	12 54	0 49	23 29	0 9	23 2	0 9	9 37	1 30	30 45	8 1	19 57	20 7	9 16		n.a.	S 12
S 13	16 59	21 16	1 20	17 1	0 31	0 28	2 5	20 4	1 31	12 59	0 49	23 29	0 9	23 2	0 9	9 37	1 31	30 45	8 1	19 57	20 7	9 14		n.a.	S 13
M14	17 15	21 10	2 31	17 49	0 41	0 2	2 6	19 54	1 30	13 3	0 49	23 29	0 9	23 2	0 9	9 37	1 31	30 44	8 1	19 58	20 6	9 11		n.a.	M14
T 15	17 31	19 46	3 34	18 35	0 50	0n23	2 7	19 45	1 29	13 8	0 49	23 30	0 9	23 2	0 9	9 36	1 31	30 44	8 1	19 58	20 5	9 9		n.a.	T 15
W16	17 47	17 9	4 24	19 20	0 59	0 49	2 9	19 36	1 27	13 12	0 49	23 30	0 9	23 2	0 9	9 36	1 31	30 44	8 0	19 58	20 5	9 7		n.a.	W16
T 17	18 3	13 31	4 59	20 2	1 8	1 15	2 10	19 26	1 26	13 17	0 49	23 30	0 9	23 1	0 9	9 36	1 31	30 44	8 0	19 58	20 4	9 5		n.a.	T 17
F 18	18 18	9 6	5 15	20 42	1 16	1 41	2 10	19 17	1 25	13 22	0 49	23 30	0 8	23 1	0 9	9 35	1 31	30 43	8 0	19 58	20 3	9 2		n.a.	F 18
S 19	18 33	4 10	5 13	21 19	1 23	2 6	2 11	19 7	1 24	13 26	0 49	23 30	0 8	23 1	0 9	9 35	1 31	30 43	8 0	19 58	20 2	9 0		n.a.	S 19
S 20	18 48	0n58	4 51	21 54	1 30	2 32	2 12	18 57	1 22	13 31	0 49	23 30	0 8	23 1	0 9	9 35	1 31	30 43	8 0	19 58	20 2	8 58		n.a.	S 20
M21	19 2	6 3	4 12	22 27	1 36	2 58	2 12	18 47	1 21	13 35	0 49	23 31	0 8	23 0	0 9	9 34	1 31	30 42	8 0	19 58	20 1	8 56		n.a.	M21
T 22	19 16	10 46	3 18	22 56	1 42	3 24	2 13	18 37	1 20	13 40	0 49	23 31	0 8	23 0	0 9	9 34	1 31	30 42	8 0	19 58	20 0	8 53		n.a.	T 22
W23	19 30	14 51	2 13	23 24	1 47	3 51	2 13	18 27	1 19	13 44	0 49	23 31	0 8	23 0	0 9	9 34	1 31	30 42	8 0	19 58	20 0	8 51		n.a.	W23
T 24	19 44	18 5	1 1	23 48	1 51	4 17	2 14	18 17	1 18	13 49	0 49	23 31	0 8	23 0	0 9	9 34	1 31	30 42	8 0	19 58	19 59	8 49		n.a.	T 24
F 25	19 57	20 15	0s13	24 10	1 54	4 43	2 14	18 6	1 16	13 53	0 49	23 31	0 8	22 59	0 9	9 33	1 31	30 41	8 0	19 58	19 58	8 46		n.a.	F 25
S 26	20 9	21 17	1 24	24 29	1 57	5 9	2 14	17 56	1 15	13 57	0 49	23 31	0 8	22 59	0 9	9 33	1 31	30 41	7 59	19 58	19 57	8 44		n.a.	S 26
S 27	20 22	21 10	2 30	24 46	1 59	5 35	2 14	17 45	1 14	14 2	0 49	23 32	0 8	22 59	0 9	9 33	1 31	30 41	7 59	19 58	19 57	8 42		n.a.	S 27
M28	20 34	19 59	3 27	25 0	2 0	6 1	2 14	17 34	1 13	14 6	0 48	23 32	0 8	22 59	0 9	9 33	1 31	30 41	7 59	19 58	19 56	8 40		n.a.	M28
T 29	20 46	17 53	4 13	25 11	2 1	6 27	2 13	17 23	1 12	14 10	0 48	23 32	0 8	22 58	0 9	9 32	1 31	30 40	7 59	19 57	19 55	8 37		n.a.	T 29
W30	20 57	15 1	4 48	25 20	2 1	6 53	2 13	17 12	1 10	14 15	0 48	23 32	0 8	22 58	0 9	9 32	1 31	30 40	7 59	19 57	19 54	8 35		n.a.	W30
T 31	21n 8	11n34	5s 9	25n27	2n 0	7n19	2s13	17n 1	1n 9	14n19	0s48	23s32	0n 7	22s58	0s 9	9s32	1s32	30n40	7n59	19s57	19s54	8n33		n.a.	T 31

Julian Day Number = 1620003.5, Delta T = 03h48m06s
Ecliptic obliquity = 23°43'40, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'16, Lahiri = - 7°47'15 Julian Calendar 1 May 278 BCE == Greg. Calendar 27 Apr. 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

JUNE 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 18 35	4♊37'44	27♌ 2	23♊24	24♈59	17♌35	10♉30	4°R 1	14°R24	9♓27	16♋ 8	28°R 0	27♏42	24♌59	n.a.	F 1
S 2	16 22 32	5°34'51	8♍56	25° 7	26° 8	18° 8	10°44	3♉57	14♐21	9°27	16° 9	28°D 0	27°39	25° 5	n.a.	S 2
S 3	16 26 28	6°31'57	20°55	26°48	27°17	18°41	10°57	3°54	14°19	9°28	16°10	28♏ 0	27°35	25°12	n.a.	S 3
M 4	16 30 25	7°29'03	3♎ 3	28°26	28°26	19°14	11°10	3°50	14°17	9°28	16°12	28° 1	27°32	25°19	n.a.	M 4
T 5	16 34 21	8°26'09	15°25	0♋ 3	29°34	19°48	11°23	3°46	14°14	9°29	16°13	28° 2	27°29	25°26	n.a.	T 5
W 6	16 38 18	9°23'15	28° 3	1°37	0♉43	20°21	11°36	3°42	14°12	9°29	16°15	28° 3	27°26	25°32	n.a.	W 6
T 7	16 42 15	10°20'21	11♏ 1	3° 9	1°53	20°55	11°49	3°39	14° 9	9°30	16°17	28° 4	27°23	25°39	n.a.	T 7
F 8	16 46 11	11°17'27	24°20	4°39	3° 2	21°29	12° 2	3°35	14° 7	9°30	16°18	28°R 4	27°20	25°46	n.a.	F 8
S 9	16 50 8	12°14'33	7♐59	6° 6	4°11	22° 3	12°15	3°31	14° 5	9°30	16°20	28° 4	27°16	25°53	n.a.	S 9
S 10	16 54 4	13°11'39	21°57	7°32	5°20	22°37	12°28	3°27	14° 2	9°30	16°21	28° 3	27°13	25°59	n.a.	S 10
M11	16 58 1	14° 8'46	6♑10	8°55	6°30	23°12	12°41	3°23	14° 0	9°31	16°23	28° 2	27°10	26° 6	n.a.	M11
T 12	17 1 57	15° 5'54	20°33	10°16	7°39	23°46	12°54	3°19	13°57	9°31	16°24	28° 0	27° 7	26°13	n.a.	T 12
W13	17 5 54	16° 3'02	5♒ 2	11°34	8°49	24°21	13° 6	3°15	13°55	9°31	16°26	27°57	27° 4	26°19	n.a.	W13
T 14	17 9 51	17° 0'10	19°30	12°51	9°59	24°55	13°19	3°10	13°53	9°31	16°28	27°55	27° 1	26°26	n.a.	T 14
F 15	17 13 47	17°57'19	3♓53	14° 4	11° 9	25°30	13°32	3° 6	13°50	9°31	16°29	27°54	26°57	26°33	n.a.	F 15
S 16	17 17 44	18°54'29	18° 8	15°16	12°18	26° 5	13°44	3° 2	13°48	9°31	16°31	27°D54	26°54	26°40	n.a.	S 16
S 17	17 21 40	19°51'40	2♈12	16°24	13°28	26°40	13°57	2°58	13°45	9°R31	16°33	27°54	26°51	26°46	n.a.	S 17
M18	17 25 37	20°48'52	16° 3	17°31	14°38	27°15	14° 9	2°53	13°43	9°31	16°34	27°55	26°48	26°53	n.a.	M18
T 19	17 29 33	21°46'04	29°42	18°34	15°49	27°50	14°22	2°49	13°40	9°31	16°36	27°56	26°45	27° 0	n.a.	T 19
W20	17 33 30	22°43'18	13♉ 7	19°34	16°59	28°26	14°34	2°45	13°38	9°31	16°38	27°58	26°41	27° 6	n.a.	W20
T 21	17 37 26	23°40'32	26°20	20°32	18° 9	29° 1	14°46	2°40	13°36	9°31	16°40	27°R58	26°38	27°13	n.a.	T 21
F 22	17 41 23	24°37'47	9♊19	21°27	19°19	29°37	14°58	2°36	13°33	9°31	16°41	27°58	26°35	27°20	n.a.	F 22
S 23	17 45 20	25°35'03	22° 6	22°18	20°30	0♍13	15°10	2°32	13°31	9°31	16°43	27°56	26°32	27°27	n.a.	S 23
S 24	17 49 16	26°32'20	4♋40	23° 6	21°40	0°49	15°23	2°27	13°29	9°31	16°45	27°53	26°29	27°33	n.a.	S 24
M25	17 53 13	27°29'38	17° 3	23°51	22°51	1°25	15°35	2°23	13°26	9°30	16°47	27°49	26°26	27°40	n.a.	M25
T 26	17 57 9	28°26'56	29°15	24°32	24° 2	2° 1	15°46	2°18	13°24	9°30	16°48	27°43	26°22	27°47	n.a.	T 26
W27	18 1 6	29°24'15	11♌18	25° 9	25°12	2°37	15°58	2°14	13°22	9°30	16°50	27°38	26°19	27°54	n.a.	W27
T 28	18 5 2	0♋21'34	23°14	25°42	26°23	3°14	16°10	2° 9	13°19	9°29	16°52	27°33	26°16	28° 0	n.a.	T 28
F 29	18 8 59	1°18'54	5♍ 6	26°11	27°34	3°50	16°22	2° 5	13°17	9°29	16°54	27°29	26°13	28° 7	n.a.	F 29
S 30	18 12 55	2♋16'15	16♍59	26♋36	28♉45	4♍27	16♉33	2♑ 0	13♐15	9♓29	16♋56	27♏26	26♏10	28♌14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n19	7n41	5s17	25n32	1n58	7n44	2s12	16n50	1n 8	14n23	0s48	23s33	0n 7	22s58	0s 9	9s32	1s32	30n40	7n59	19s57	19s53	8n31		n.a.
S 2	21 30	3 31	5 11	25 34	1 56	8 10	2 11	16 38	1 7	14 27	0 48	23 33	0 7	22 57	0 9	9 32	1 32	30 39	7 59	19 57	19 52	8 28		n.a.
S 3	21 40	0s49	4 52	25 35	1 54	8 36	2 11	16 27	1 6	14 32	0 48	23 33	0 7	22 57	0 10	9 32	1 32	30 39	7 59	19 57	19 52	8 26		n.a.
M 4	21 49	5 11	4 19	25 34	1 50	9 1	2 10	16 15	1 5	14 36	0 48	23 33	0 7	22 57	0 10	9 32	1 32	30 39	7 59	19 57	19 51	8 24		n.a.
T 5	21 59	9 26	3 35	25 30	1 47	9 27	2 9	16 4	1 4	14 40	0 48	23 33	0 7	22 56	0 10	9 31	1 32	30 39	7 59	19 58	19 50	8 22		n.a.
W 6	22 7	13 22	2 39	25 25	1 42	9 52	2 8	15 52	1 3	14 44	0 48	23 34	0 7	22 56	0 10	9 31	1 32	30 38	7 59	19 58	19 49	8 19		n.a.
T 7	22 16	16 47	1 33	25 19	1 37	10 17	2 7	15 40	1 1	14 48	0 48	23 34	0 7	22 56	0 10	9 31	1 32	30 38	7 59	19 58	19 49	8 17		n.a.
F 8	22 24	19 25	0 21	25 10	1 32	10 42	2 6	15 28	1 0	14 52	0 48	23 34	0 7	22 56	0 10	9 31	1 32	30 38	7 59	19 58	19 48	8 15		n.a.
S 9	22 32	21 0	0n55	25 1	1 26	11 7	2 5	15 16	0 59	14 56	0 48	23 34	0 7	22 55	0 10	9 31	1 32	30 38	7 58	19 58	19 47	8 12		n.a.
S 10	22 39	21 21	2 8	24 50	1 19	11 31	2 3	15 3	0 58	15 0	0 48	23 34	0 7	22 55	0 10	9 31	1 32	30 37	7 58	19 58	19 46	8 10		n.a.
M11	22 46	20 20	3 15	24 37	1 12	11 56	2 2	14 51	0 57	15 4	0 48	23 35	0 6	22 55	0 10	9 31	1 32	30 37	7 58	19 58	19 46	8 8		n.a.
T 12	22 53	18 0	4 10	24 24	1 4	12 20	2 1	14 38	0 56	15 8	0 48	23 35	0 6	22 55	0 10	9 31	1 32	30 37	7 58	19 57	19 45	8 6		n.a.
W13	22 59	14 33	4 50	24 9	0 56	12 44	1 59	14 26	0 55	15 12	0 48	23 35	0 6	22 54	0 10	9 31	1 32	30 37	7 58	19 57	19 44	8 3		n.a.
T 14	23 5	10 13	5 12	23 53	0 48	13 7	1 58	14 13	0 54	15 16	0 48	23 35	0 6	22 54	0 10	9 31	1 32	30 36	7 58	19 56	19 43	8 1		n.a.
F 15	23 10	5 20	5 13	23 37	0 39	13 31	1 56	14 0	0 53	15 20	0 48	23 35	0 6	22 54	0 10	9 31	1 32	30 36	7 58	19 56	19 43	7 59		n.a.
S 16	23 15	0 13	4 56	23 20	0 29	13 54	1 54	13 47	0 52	15 23	0 48	23 35	0 6	22 53	0 10	9 31	1 33	30 36	7 58	19 56	19 42	7 56		n.a.
S 17	23 20	4n51	4 20	23 2	0 20	14 17	1 52	13 34	0 51	15 27	0 48	23 36	0 6	22 53	0 10	9 31	1 33	30 35	7 58	19 56	19 41	7 54		n.a.
M18	23 24	9 37	3 30	22 43	0 9	14 40	1 51	13 21	0 50	15 31	0 48	23 36	0 6	22 53	0 10	9 31	1 33	30 35	7 58	19 56	19 41	7 52		n.a.
T 19	23 28	13 49	2 29	22 24	0s 1	15 2	1 49	13 8	0 49	15 35	0 48	23 36	0 6	22 53	0 10	9 31	1 33	30 35	7 58	19 56	19 40	7 50		n.a.
W20	23 31	17 15	1 21	22 5	0 12	15 24	1 47	12 54	0 48	15 38	0 48	23 36	0 6	22 52	0 10	9 31	1 33	30 35	7 58	19 57	19 39	7 47		n.a.
T 21	23 34	19 43	0 9	21 45	0 24	15 46	1 45	12 41	0 47	15 42	0 48	23 36	0 6	22 52	0 10	9 31	1 33	30 35	7 58	19 57	19 38	7 45		n.a.
F 22	23 37	21 6	1s 2	21 25	0 35	16 7	1 43	12 27	0 46	15 46	0 48	23 37	0 6	22 52	0 10	9 32	1 33	30 34	7 58	19 57	19 38	7 43		n.a.
S 23	23 39	21 21	2 8	21 5	0 47	16 28	1 41	12 13	0 44	15 49	0 48	23 37	0 5	22 51	0 10	9 32	1 33	30 34	7 58	19 56	19 37	7 41		n.a.
S 24	23 41	20 31	3 7	20 45	0 59	16 49	1 38	12 0	0 43	15 53	0 48	23 37	0 5	22 51	0 10	9 32	1 33	30 34	7 58	19 56	19 36	7 38		n.a.
M25	23 42	18 43	3 57	20 25	1 12	17 9	1 36	11 46	0 42	15 56	0 48	23 37	0 5	22 51	0 10	9 32	1 33	30 34	7 58	19 55	19 35	7 36		n.a.
T 26	23 43	16 5	4 34	20 5	1 25	17 29	1 34	11 32	0 41	16 0	0 48	23 37	0 5	22 51	0 10	9 32	1 33	30 33	7 58	19 53	19 35	7 34		n.a.
W27	23 44	12 48	4 59	19 46	1 38	17 49	1 31	11 18	0 40	16 3	0 48	23 37	0 5	22 50	0 10	9 32	1 33	30 33	7 58	19 52	19 34	7 31		n.a.
T 28	23 44	9 3	5 11	19 27	1 51	18 8	1 29	11 3	0 39	16 7	0 48	23 38	0 5	22 50	0 10	9 32	1 33	30 33	7 58	19 51	19 33	7 29		n.a.
F 29	23 43	4 58	5 9	19 8	2 4	18 27	1 27	10 49	0 38	16 10	0 48	23 38	0 5	22 50	0 10	9 33	1 33	30 33	7 58	19 50	19 32	7 27		n.a.
S 30	23n42	0n42	4s54	18n51	2s17	18n45	1s24	10n35	0n38	16n13	0s48	23s38	0n 5	22s49	0s10	9s33	1s33	30n32	7n58	19s49	19s32	7n25		n.a.

Julian Day Number = 1620034.5, Delta T = 03h48m05s
Ecliptic obliquity = 23°43'39, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'12, Lahiri = - 7°47'11 Julian Calendar 1 June 278 BCE == Greg. Calendar 28 May 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

JULY 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 16 52	3♋13'37	28♍55	26♋57	29♉56	5♍ 3	16♉45	1°R56	13°R13	9°R28	16♋57	27°D25	26♏ 7	28♌20	n.a.	S 1
M 2	18 20 49	4°10'59	11♎ 1	27°12	1♊ 7	5°40	16°56	1♑52	13♐10	9♓28	16°59	27♏25	26° 3	28°27	n.a.	M 2
T 3	18 24 45	5° 8'22	23°21	27°23	2°18	6°17	17° 8	1°47	13° 8	9°27	17° 1	27°26	26° 0	28°34	n.a.	T 3
W 4	18 28 42	6° 5'46	5♏59	27°29	3°29	6°54	17°19	1°43	13° 6	9°27	17° 3	27°28	25°57	28°41	n.a.	W 4
T 5	18 32 38	7° 3'11	19° 0	27°R30	4°41	7°31	17°30	1°38	13° 4	9°26	17° 5	27°29	25°54	28°47	n.a.	T 5
F 6	18 36 35	8° 0'36	2♐25	27°25	5°52	8° 8	17°41	1°34	13° 2	9°26	17° 6	27°R29	25°51	28°54	n.a.	F 6
S 7	18 40 31	8°58'03	16°17	27°15	7° 3	8°46	17°52	1°29	13° 0	9°25	17° 8	27°28	25°47	29° 1	n.a.	S 7
S 8	18 44 28	9°55'31	0♑32	27° 0	8°15	9°23	18° 3	1°25	12°58	9°25	17°10	27°25	25°44	29° 8	n.a.	S 8
M 9	18 48 24	10°53'00	15° 9	26°39	9°26	10° 0	18°14	1°21	12°56	9°24	17°12	27°20	25°41	29°14	n.a.	M 9
T 10	18 52 21	11°50'30	29°58	26°14	10°38	10°38	18°25	1°16	12°53	9°23	17°14	27°13	25°38	29°21	n.a.	T 10
W11	18 56 18	12°48'01	14♒53	25°43	11°50	11°16	18°36	1°12	12°51	9°22	17°16	27° 7	25°35	29°28	n.a.	W11
T 12	19 0 14	13°45'34	29°45	25° 8	13° 1	11°54	18°46	1° 8	12°50	9°22	17°17	27° 0	25°32	29°34	n.a.	T 12
F 13	19 4 11	14°43'09	14♓26	24°28	14°13	12°31	18°57	1° 3	12°48	9°21	17°19	26°55	25°28	29°41	n.a.	F 13
S 14	19 8 7	15°40'45	28°50	23°45	15°25	13° 9	19° 7	0°59	12°46	9°20	17°21	26°52	25°25	29°48	n.a.	S 14
S 15	19 12 4	16°38'22	12♈55	22°58	16°37	13°48	19°17	0°55	12°44	9°19	17°23	26°D51	25°22	29°55	n.a.	S 15
M16	19 16 0	17°36'02	26°39	22° 9	17°49	14°26	19°28	0°51	12°42	9°18	17°25	26°51	25°19	0♍ 1	n.a.	M16
T 17	19 19 57	18°33'43	10♉ 4	21°19	19° 1	15° 4	19°38	0°47	12°40	9°17	17°27	26°52	25°16	0° 8	n.a.	T 17
W18	19 23 53	19°31'26	23°12	20°28	20°13	15°43	19°48	0°42	12°38	9°17	17°29	26°R53	25°13	0°15	n.a.	W18
T 19	19 27 50	20°29'10	6♊ 5	19°37	21°26	16°21	19°57	0°38	12°37	9°16	17°30	26°53	25° 9	0°22	n.a.	T 19
F 20	19 31 47	21°26'57	18°45	18°47	22°38	17° 0	20° 7	0°34	12°35	9°15	17°32	26°50	25° 6	0°28	n.a.	F 20
S 21	19 35 43	22°24'45	1♋14	18° 0	23°50	17°38	20°17	0°30	12°33	9°14	17°34	26°46	25° 3	0°35	n.a.	S 21
S 22	19 39 40	23°22'34	13°33	17°17	25° 3	18°17	20°26	0°26	12°32	9°13	17°36	26°38	25° 0	0°42	n.a.	S 22
M23	19 43 36	24°20'25	25°45	16°37	26°15	18°56	20°36	0°23	12°30	9°12	17°38	26°29	24°57	0°48	n.a.	M23
T 24	19 47 33	25°18'18	7♌48	16° 3	27°28	19°35	20°45	0°19	12°28	9°11	17°40	26°18	24°53	0°55	n.a.	T 24
W25	19 51 29	26°16'13	19°46	15°35	28°40	20°14	20°54	0°15	12°27	9° 9	17°42	26° 7	24°50	1° 2	n.a.	W25
T 26	19 55 26	27°14'08	1♍40	15°13	29°53	20°53	21° 3	0°11	12°25	9° 8	17°43	25°56	24°47	1° 9	n.a.	T 26
F 27	19 59 22	28°12'06	13°30	14°59	1♌ 6	21°33	21°12	0° 8	12°24	9° 7	17°45	25°47	24°44	1°15	n.a.	F 27
S 28	20 3 19	29°10'05	25°22	14°D52	2°18	22°12	21°21	0° 4	12°22	9° 6	17°47	25°39	24°41	1°22	n.a.	S 28
S 29	20 7 16	0♌ 8'05	7♎17	14°53	3°31	22°51	21°30	0° 0	12°21	9° 5	17°49	25°34	24°38	1°29	n.a.	S 29
M30	20 11 12	1° 6'07	19°20	15° 3	4°44	23°31	21°38	29♐57	12°20	9° 4	17°51	25°32	24°34	1°35	n.a.	M30
T 31	20 15 9	2♌ 4'10	1♏36	15♋20	5♋57	24♍11	21♉47	29♐53	12♐18	9♓ 2	17♋53	25°D31	24♏31	1♍42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n41	3s37	4s26	18n34	2s30	19n 3	1s22	10n20	0n37	16n17	0s48	23s38	0n 5	22s49	0s10	9s33	1s33	30n32	7n58	19s49	19s31	7n22			n.a.
M 2	23 40	7 52	3 46	18 18	2 43	19 20	1 19	10 6	0 36	16 20	0 48	23 38	0 5	22 49	0 10	9 33	1 33	30 32	7 58	19 49	19 30	7 20			n.a.
T 3	23 38	11 53	2 55	18 3	2 56	19 37	1 17	9 51	0 35	16 23	0 48	23 38	0 5	22 49	0 10	9 33	1 33	30 32	7 58	19 49	19 29	7 18			n.a.
W 4	23 35	15 28	1 54	17 50	3 9	19 54	1 14	9 36	0 34	16 26	0 48	23 39	0 4	22 48	0 10	9 34	1 34	30 32	7 58	19 50	19 28	7 15			n.a.
T 5	23 32	18 25	0 46	17 37	3 21	20 10	1 11	9 21	0 33	16 30	0 48	23 39	0 4	22 48	0 10	9 34	1 34	30 31	7 58	19 50	19 28	7 13			n.a.
F 6	23 29	20 27	0n27	17 26	3 33	20 25	1 9	9 6	0 32	16 33	0 48	23 39	0 4	22 48	0 10	9 34	1 34	30 31	7 58	19 50	19 27	7 11			n.a.
S 7	23 25	21 21	1 40	17 17	3 45	20 40	1 6	8 51	0 31	16 36	0 48	23 39	0 4	22 48	0 10	9 35	1 34	30 31	7 58	19 50	19 26	7 9			n.a.
S 8	23 21	20 54	2 49	17 9	3 56	20 54	1 3	8 36	0 30	16 39	0 48	23 39	0 4	22 47	0 10	9 35	1 34	30 31	7 58	19 49	19 25	7 6			n.a.
M 9	23 17	19 4	3 49	17 4	4 5	21 8	1 0	8 21	0 29	16 42	0 48	23 39	0 4	22 47	0 10	9 35	1 34	30 30	7 58	19 48	19 25	7 4			n.a.
T 10	23 12	15 56	4 34	17 0	4 14	21 22	0 58	8 6	0 28	16 45	0 48	23 39	0 4	22 47	0 10	9 35	1 34	30 30	7 58	19 46	19 24	7 2			n.a.
W11	23 6	11 46	5 1	16 58	4 22	21 34	0 55	7 51	0 27	16 48	0 48	23 40	0 4	22 47	0 10	9 36	1 34	30 30	7 58	19 45	19 23	6 59			n.a.
T 12	23 0	6 54	5 7	16 57	4 29	21 47	0 52	7 35	0 26	16 51	0 48	23 40	0 4	22 46	0 10	9 36	1 34	30 30	7 59	19 43	19 22	6 57			n.a.
F 13	22 54	1 41	4 54	16 59	4 34	21 58	0 49	7 20	0 25	16 54	0 48	23 40	0 4	22 46	0 10	9 36	1 34	30 30	7 59	19 42	19 22	6 55			n.a.
S 14	22 48	3n31	4 22	17 3	4 38	22 9	0 46	7 4	0 24	16 56	0 48	23 40	0 3	22 46	0 10	9 37	1 34	30 29	7 59	19 42	19 21	6 53			n.a.
S 15	22 41	8 26	3 34	17 9	4 40	22 20	0 43	6 48	0 23	16 59	0 48	23 40	0 3	22 46	0 10	9 37	1 34	30 29	7 59	19 41	19 20	6 50			n.a.
M16	22 33	12 48	2 35	17 17	4 40	22 29	0 41	6 33	0 22	17 2	0 48	23 40	0 3	22 45	0 10	9 38	1 34	30 29	7 59	19 41	19 19	6 48			n.a.
T 17	22 25	16 25	1 29	17 26	4 38	22 38	0 38	6 17	0 21	17 5	0 48	23 40	0 3	22 45	0 10	9 38	1 34	30 29	7 59	19 42	19 19	6 46			n.a.
W18	22 17	19 7	0 20	17 37	4 35	22 47	0 35	6 1	0 21	17 7	0 48	23 40	0 3	22 45	0 10	9 38	1 34	30 29	7 59	19 42	19 18	6 43			n.a.
T 19	22 9	20 46	0s49	17 50	4 29	22 55	0 32	5 45	0 20	17 10	0 48	23 41	0 3	22 45	0 10	9 39	1 34	30 29	7 59	19 42	19 17	6 41			n.a.
F 20	22 0	21 21	1 55	18 4	4 22	23 2	0 29	5 29	0 19	17 13	0 48	23 41	0 3	22 44	0 10	9 39	1 34	30 28	7 59	19 41	19 16	6 39			n.a.
S 21	21 50	20 50	2 53	18 19	4 13	23 9	0 26	5 13	0 18	17 15	0 48	23 41	0 3	22 44	0 10	9 40	1 34	30 28	7 59	19 40	19 15	6 37			n.a.
S 22	21 41	19 20	3 43	18 36	4 2	23 15	0 23	4 57	0 17	17 18	0 48	23 41	0 3	22 44	0 10	9 40	1 34	30 28	7 59	19 38	19 15	6 34			n.a.
M23	21 30	16 58	4 21	18 53	3 50	23 20	0 20	4 41	0 16	17 20	0 48	23 41	0 3	22 44	0 10	9 40	1 35	30 28	7 59	19 36	19 14	6 32			n.a.
T 24	21 20	13 54	4 48	19 10	3 36	23 25	0 17	4 24	0 15	17 23	0 48	23 41	0 3	22 44	0 10	9 41	1 35	30 28	7 59	19 34	19 13	6 30			n.a.
W25	21 9	10 18	5 2	19 28	3 21	23 29	0 15	4 8	0 14	17 25	0 48	23 41	0 2	22 43	0 10	9 41	1 35	30 28	8 0	19 31	19 12	6 28			n.a.
T 26	20 58	6 19	5 2	19 46	3 6	23 32	0 12	3 52	0 13	17 28	0 48	23 41	0 2	22 43	0 10	9 42	1 35	30 27	8 0	19 28	19 12	6 25			n.a.
F 27	20 46	2 7	4 49	20 4	2 49	23 35	0 9	3 35	0 13	17 30	0 48	23 41	0 2	22 43	0 10	9 42	1 35	30 27	8 0	19 26	19 11	6 23			n.a.
S 28	20 34	2s10	4 24	20 22	2 32	23 36	0 6	3 19	0 12	17 32	0 48	23 41	0 2	22 43	0 10	9 43	1 35	30 27	8 0	19 24	19 10	6 21			n.a.
S 29	20 22	6 24	3 47	20 40	2 14	23 38	0 3	3 2	0 11	17 35	0 48	23 42	0 2	22 43	0 10	9 43	1 35	30 27	8 0	19 23	19 9	6 18			n.a.
M30	20 9	10 25	3 0	20 56	1 57	23 38	0 0	2 45	0 10	17 37	0 49	23 42	0 2	22 42	0 10	9 44	1 35	30 27	8 0	19 22	19 8	6 16			n.a.
T 31	19n56	14s 6	2s 4	21n12	1s39	23n38	0n 2	2n29	0n 9	17n39	0s49	23s42	0n 2	22s42	0s10	9s44	1s35	30n27	8n 0	19s22	19s 8	6n14			n.a.

Julian Day Number = 1620064.5, Delta T = 03h48m04s
Ecliptic obliquity = 23°43'38, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'07, Lahiri = - 7°47'07 Julian Calendar 1 July 278 BCE == Greg. Calendar 27 June 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

AUGUST 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 19 5	3♌ 2'15	14♏10	15♋46	7♋10	24♍50	21♉55	29°R50	12°R17	9°R 1	17♋54	25♏31	24♏28	1♍49	n.a.	W 1
T 2	20 23 2	4° 0'21	27° 6	16°20	8°23	25°30	22° 3	29♐47	12♐16	9♓ 0	17°56	25°R32	24°25	1°56	n.a.	T 2
F 3	20 26 58	4°58'29	10♐29	17° 2	9°36	26°10	22°11	29°44	12°15	8°58	17°58	25°31	24°22	2° 2	n.a.	F 3
S 4	20 30 55	5°56'39	24°22	17°52	10°49	26°50	22°19	29°40	12°14	8°57	18° 0	25°28	24°19	2° 9	n.a.	S 4
S 5	20 34 51	6°54'50	8♑43	18°50	12° 2	27°30	22°27	29°37	12°13	8°56	18° 2	25°22	24°15	2°16	n.a.	S 5
M 6	20 38 48	7°53'03	23°30	19°54	13°16	28°10	22°35	29°34	12°12	8°54	18° 3	25°14	24°12	2°23	n.a.	M 6
T 7	20 42 45	8°51'17	8♒36	21° 5	14°29	28°50	22°42	29°31	12°11	8°53	18° 5	25° 5	24° 9	2°29	n.a.	T 7
W 8	20 46 41	9°49'34	23°51	22°22	15°42	29°31	22°50	29°28	12°10	8°52	18° 7	24°54	24° 6	2°36	n.a.	W 8
T 9	20 50 38	10°47'52	9♓ 3	23°45	16°56	0♎11	22°57	29°26	12° 9	8°50	18° 9	24°44	24° 3	2°43	n.a.	T 9
F 10	20 54 34	11°46'13	24° 3	25°13	18° 9	0°52	23° 4	29°23	12° 8	8°49	18°10	24°36	23°59	2°49	n.a.	F 10
S 11	20 58 31	12°44'35	8♈43	26°46	19°23	1°32	23°11	29°20	12° 7	8°47	18°12	24°30	23°56	2°56	n.a.	S 11
S 12	21 2 27	13°43'00	22°57	28°22	20°36	2°13	23°18	29°18	12° 6	8°46	18°14	24°27	23°53	3° 3	n.a.	S 12
M13	21 6 24	14°41'27	6♉45	0♌ 2	21°50	2°54	23°24	29°15	12° 6	8°44	18°15	24°25	23°50	3°10	n.a.	M13
T 14	21 10 20	15°39'57	20° 8	1°45	23° 4	3°34	23°31	29°13	12° 5	8°43	18°17	24°25	23°47	3°16	n.a.	T 14
W15	21 14 17	16°38'29	3♊ 9	3°31	24°18	4°15	23°37	29°11	12° 4	8°41	18°19	24°25	23°44	3°23	n.a.	W15
T 16	21 18 14	17°37'03	15°51	5°18	25°31	4°56	23°43	29° 8	12° 4	8°40	18°20	24°24	23°40	3°30	n.a.	T 16
F 17	21 22 10	18°35'39	28°19	7° 7	26°45	5°37	23°49	29° 6	12° 3	8°38	18°22	24°20	23°37	3°37	n.a.	F 17
S 18	21 26 7	19°34'18	10♋35	8°58	27°59	6°19	23°55	29° 4	12° 3	8°37	18°24	24°14	23°34	3°43	n.a.	S 18
S 19	21 30 3	20°32'59	22°43	10°49	29°13	7° 0	24° 1	29° 2	12° 2	8°35	18°25	24° 4	23°31	3°50	n.a.	S 19
M20	21 34 0	21°31'42	4♌44	12°40	0♌27	7°41	24° 6	29° 0	12° 2	8°34	18°27	23°52	23°28	3°57	n.a.	M20
T 21	21 37 56	22°30'27	16°41	14°32	1°41	8°23	24°12	28°59	12° 2	8°32	18°29	23°38	23°24	4° 3	n.a.	T 21
W22	21 41 53	23°29'14	28°34	16°24	2°55	9° 4	24°17	28°57	12° 2	8°30	18°30	23°24	23°21	4°10	n.a.	W22
T 23	21 45 49	24°28'04	10♍26	18°16	4° 9	9°46	24°22	28°55	12° 1	8°29	18°32	23°10	23°18	4°17	n.a.	T 23
F 24	21 49 46	25°26'55	22°17	20° 7	5°24	10°28	24°27	28°54	12° 1	8°27	18°33	22°57	23°15	4°24	n.a.	F 24
S 25	21 53 42	26°25'48	4♎10	21°58	6°38	11° 9	24°31	28°52	12° 1	8°26	18°35	22°47	23°12	4°30	n.a.	S 25
S 26	21 57 39	27°24'44	16° 6	23°49	7°52	11°51	24°36	28°51	12° 1	8°24	18°36	22°40	23° 9	4°37	n.a.	S 26
M27	22 1 36	28°23'41	28°10	25°39	9° 6	12°33	24°40	28°50	12°D 1	8°22	18°38	22°35	23° 5	4°44	n.a.	M27
T 28	22 5 32	29°22'40	10♏25	27°28	10°21	13°15	24°44	28°49	12° 1	8°21	18°39	22°34	23° 2	4°50	n.a.	T 28
W29	22 9 29	0♍21'41	22°56	29°16	11°35	13°57	24°48	28°48	12° 1	8°19	18°41	22°33	22°59	4°57	n.a.	W29
T 30	22 13 25	1°20'44	5♐47	1♍ 4	12°50	14°39	24°52	28°47	12° 1	8°17	18°42	22°33	22°56	5° 4	n.a.	T 30
F 31	22 17 22	2♍19'48	19♐ 3	2♍51	14♌ 4	15♎22	24♉56	28♐46	12♐ 1	8♓16	18♋44	22♏32	22♏53	5♍11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n43	17s14	1s 0	21n26	1s21	23n37	0n 5	2n12	0n 8	17n41	0s49	23s42	0n 2	22s42	0s10	9s45	1s35	30n27	8n 0	19s22	19s 7	6n12		n.a.
T 2	19 29	19 37	0n 8	21 39	1 4	23 35	0 8	1 55	0 7	17 43	0 49	23 42	0 2	22 42	0 10	9 45	1 35	30 26	8 1	19 22	19 6	6 9		n.a.
F 3	19 15	21 0	1 19	21 51	0 47	23 33	0 11	1 39	0 7	17 45	0 49	23 42	0 2	22 42	0 10	9 46	1 35	30 26	8 1	19 22	19 5	6 7		n.a.
S 4	19 1	21 10	2 27	22 1	0 31	23 30	0 13	1 22	0 6	17 47	0 49	23 42	0 2	22 42	0 10	9 46	1 35	30 26	8 1	19 21	19 4	6 5		n.a.
S 5	18 46	19 59	3 28	22 8	0 15	23 26	0 16	1 5	0 5	17 49	0 49	23 42	0 1	22 42	0 10	9 47	1 35	30 26	8 1	19 20	19 4	6 2		n.a.
M 6	18 31	17 26	4 17	22 14	0 0	23 22	0 19	0 48	0 4	17 51	0 49	23 42	0 1	22 41	0 10	9 48	1 35	30 26	8 1	19 18	19 3	6 0		n.a.
T 7	18 16	13 41	4 49	22 17	0n14	23 17	0 21	0 31	0 3	17 53	0 49	23 42	0 1	22 41	0 10	9 48	1 35	30 26	8 1	19 16	19 2	5 58		n.a.
W 8	18 0	9 0	5 1	22 17	0 27	23 11	0 24	0 14	0 2	17 55	0 49	23 42	0 1	22 41	0 10	9 49	1 35	30 26	8 1	19 13	19 1	5 56		n.a.
T 9	17 44	3 46	4 52	22 15	0 39	23 5	0 27	0s 3	0 2	17 57	0 49	23 42	0 1	22 41	0 10	9 49	1 35	30 26	8 2	19 11	19 1	5 53		n.a.
F 10	17 28	1n37	4 23	22 11	0 51	22 58	0 29	0 20	0 1	17 58	0 49	23 43	0 1	22 41	0 10	9 50	1 35	30 26	8 2	19 9	19 0	5 51		n.a.
S 11	17 11	6 48	3 37	22 3	1 1	22 50	0 32	0 37	0s 0	18 0	0 49	23 43	0 1	22 41	0 10	9 50	1 35	30 26	8 2	19 7	18 59	5 49		n.a.
S 12	16 54	11 28	2 38	21 53	1 10	22 41	0 34	0 54	0 1	18 2	0 49	23 43	0 1	22 41	0 10	9 51	1 35	30 25	8 2	19 6	18 58	5 46		n.a.
M13	16 37	15 23	1 32	21 40	1 18	22 32	0 36	1 11	0 2	18 3	0 49	23 43	0 1	22 41	0 10	9 52	1 35	30 25	8 2	19 6	18 57	5 44		n.a.
T 14	16 20	18 21	0 23	21 24	1 25	22 22	0 39	1 29	0 2	18 5	0 49	23 43	0 1	22 41	0 10	9 52	1 35	30 25	8 2	19 6	18 57	5 42		n.a.
W15	16 2	20 17	0s46	21 5	1 32	22 11	0 41	1 46	0 3	18 7	0 49	23 43	0 1	22 40	0 10	9 53	1 35	30 25	8 3	19 6	18 56	5 40		n.a.
T 16	15 44	21 8	1 51	20 44	1 37	22 0	0 43	2 3	0 4	18 8	0 49	23 43	0 0	22 40	0 10	9 53	1 35	30 25	8 3	19 6	18 55	5 37		n.a.
F 17	15 26	20 54	2 49	20 20	1 41	21 48	0 46	2 20	0 5	18 10	0 49	23 43	0 0	22 40	0 10	9 54	1 35	30 25	8 3	19 5	18 54	5 35		n.a.
S 18	15 8	19 41	3 38	19 55	1 44	21 36	0 48	2 37	0 6	18 11	0 49	23 43	0 0	22 40	0 10	9 55	1 35	30 25	8 3	19 3	18 53	5 33		n.a.
S 19	14 49	17 34	4 16	19 27	1 47	21 22	0 50	2 55	0 6	18 12	0 49	23 43	0 0	22 40	0 10	9 55	1 36	30 25	8 3	19 1	18 53	5 30		n.a.
M20	14 30	14 44	4 43	18 57	1 49	21 9	0 52	3 12	0 7	18 14	0 49	23 43	0 0	22 40	0 10	9 56	1 36	30 25	8 4	18 58	18 52	5 28		n.a.
T 21	14 11	11 18	4 57	18 25	1 50	20 54	0 54	3 29	0 8	18 15	0 49	23 43	0 0	22 40	0 10	9 56	1 36	30 25	8 4	18 54	18 51	5 26		n.a.
W22	13 51	7 27	4 58	17 51	1 50	20 39	0 56	3 46	0 9	18 16	0 49	23 43	0s 0	22 40	0 10	9 57	1 36	30 25	8 4	18 51	18 50	5 24		n.a.
T 23	13 31	3 20	4 46	17 16	1 50	20 23	0 58	4 4	0 10	18 17	0 50	23 44	0 0	22 40	0 10	9 58	1 36	30 25	8 4	18 47	18 49	5 21		n.a.
F 24	13 11	0s54	4 22	16 40	1 49	20 7	1 0	4 21	0 10	18 18	0 50	23 44	0 0	22 40	0 10	9 58	1 36	30 25	8 4	18 44	18 49	5 19		n.a.
S 25	12 51	5 7	3 46	16 2	1 47	19 50	1 2	4 38	0 11	18 20	0 50	23 44	0 0	22 40	0 10	9 59	1 36	30 25	8 5	18 41	18 48	5 17		n.a.
S 26	12 31	9 10	3 0	15 24	1 45	19 33	1 3	4 55	0 12	18 21	0 50	23 44	0 0	22 40	0 10	10 0	1 36	30 25	8 5	18 39	18 47	5 14		n.a.
M27	12 10	12 54	2 5	14 44	1 42	19 14	1 5	5 13	0 13	18 22	0 50	23 44	0 0	22 40	0 10	10 0	1 36	30 25	8 5	18 38	18 46	5 12		n.a.
T 28	11 50	16 8	1 4	14 3	1 39	18 56	1 7	5 30	0 13	18 23	0 50	23 44	0 1	22 40	0 10	10 1	1 36	30 25	8 5	18 38	18 45	5 10		n.a.
W29	11 29	18 42	0n 2	13 22	1 36	18 37	1 8	5 47	0 14	18 24	0 50	23 44	0 1	22 40	0 10	10 2	1 36	30 25	8 5	18 38	18 44	5 8		n.a.
T 30	11 8	20 23	1 9	12 39	1 32	18 17	1 10	6 4	0 15	18 24	0 50	23 44	0 1	22 40	0 10	10 2	1 36	30 25	8 6	18 38	18 44	5 5		n.a.
F 31	10n46	21s 1	2n15	11n57	1n28	17n57	1n12	6s21	0s16	18n25	0s50	23s44	0s 1	22s40	0s10	10s 3	1s36	30n25	8n 6	18s38	18s43	5n 3		n.a.

Julian Day Number = 1620095.5, Delta T = 03h48m03s
Ecliptic obliquity = 23°43'38, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°54'03, Lahiri = - 7°47'03 Julian Calendar 1 Aug. 278 BCE == Greg. Calendar 28 July 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

SEPTEMBER 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 21 18	3♍18'55	2♉48	4♍37	15♌19	16♎ 4	24♉59	28°R45	12♐ 2	8°R14	18♋45	22°R30	22♏50	5♍17	n.a.	S 1
S 2	22 25 15	4°18'04	17° 2	6°22	16°33	16°46	25° 2	28♐45	12° 2	8♓12	18°47	22♏24	22°46	5°24	n.a.	S 2
M 3	22 29 11	5°17'14	1♒44	8° 6	17°48	17°29	25° 5	28°44	12° 2	8°11	18°48	22°17	22°43	5°31	n.a.	M 3
T 4	22 33 8	6°16'26	16°49	9°50	19° 2	18°11	25° 8	28°44	12° 3	8° 9	18°49	22° 7	22°40	5°37	n.a.	T 4
W 5	22 37 5	7°15'40	2♓ 8	11°32	20°17	18°54	25°11	28°44	12° 3	8° 7	18°51	21°56	22°37	5°44	n.a.	W 5
T 6	22 41 1	8°14'57	17°29	13°14	21°32	19°37	25°13	28°43	12° 4	8° 6	18°52	21°46	22°34	5°51	n.a.	T 6
F 7	22 44 58	9°14'15	2♈41	14°55	22°47	20°19	25°16	28°43	12° 4	8° 4	18°53	21°37	22°30	5°58	n.a.	F 7
S 8	22 48 54	10°13'36	17°34	16°35	24° 1	21° 2	25°18	28°D43	12° 5	8° 2	18°55	21°31	22°27	6° 4	n.a.	S 8
S 9	22 52 51	11°12'59	2♉ 1	18°15	25°16	21°45	25°20	28°43	12° 6	8° 1	18°56	21°27	22°24	6°11	n.a.	S 9
M10	22 56 47	12°12'25	15°59	19°54	26°31	22°28	25°21	28°43	12° 6	7°59	18°57	21°D26	22°21	6°18	n.a.	M10
T 11	23 0 44	13°11'53	29°28	21°31	27°46	23°11	25°23	28°44	12° 7	7°57	18°58	21°26	22°18	6°25	n.a.	T 11
W12	23 4 40	14°11'24	12♊32	23° 9	29° 1	23°54	25°24	28°44	12° 8	7°56	19° 0	21°R26	22°15	6°31	n.a.	W12
T 13	23 8 37	15°10'57	25°13	24°45	0♍16	24°37	25°25	28°45	12° 9	7°54	19° 1	21°26	22°11	6°38	n.a.	T 13
F 14	23 12 33	16°10'32	7♋36	26°21	1°31	25°21	25°26	28°45	12°10	7°52	19° 2	21°23	22° 8	6°45	n.a.	F 14
S 15	23 16 30	17°10'10	19°47	27°56	2°46	26° 4	25°27	28°46	12°11	7°51	19° 3	21°18	22° 5	6°51	n.a.	S 15
S 16	23 20 27	18° 9'50	1♌48	29°31	4° 1	26°47	25°27	28°47	12°12	7°49	19° 4	21°11	22° 2	6°58	n.a.	S 16
M17	23 24 23	19° 9'32	13°43	1♎ 4	5°16	27°31	25°28	28°48	12°13	7°47	19° 5	21° 1	21°59	7° 5	n.a.	M17
T 18	23 28 20	20° 9'17	25°36	2°38	6°31	28°14	25°R28	28°48	12°14	7°46	19° 6	20°50	21°56	7°12	n.a.	T 18
W19	23 32 16	21° 9'04	7♍27	4°10	7°46	28°58	25°28	28°50	12°15	7°44	19° 7	20°38	21°52	7°18	n.a.	W19
T 20	23 36 13	22° 8'52	19°20	5°42	9° 1	29°42	25°27	28°51	12°16	7°43	19° 8	20°26	21°49	7°25	n.a.	T 20
F 21	23 40 9	23° 8'43	1♎15	7°13	10°16	0♏26	25°27	28°52	12°17	7°41	19° 9	20°16	21°46	7°32	n.a.	F 21
S 22	23 44 6	24° 8'36	13°13	8°44	11°32	1° 9	25°26	28°53	12°19	7°39	19°10	20° 8	21°43	7°38	n.a.	S 22
S 23	23 48 2	25° 8'31	25°17	10°14	12°47	1°53	25°25	28°55	12°20	7°38	19°11	20° 2	21°40	7°45	n.a.	S 23
M24	23 51 59	26° 8'28	7♏28	11°44	14° 2	2°37	25°24	28°57	12°21	7°36	19°12	19°59	21°36	7°52	n.a.	M24
T 25	23 55 56	27° 8'27	19°49	13°13	15°17	3°21	25°23	28°58	12°23	7°35	19°13	19°D58	21°33	7°59	n.a.	T 25
W26	23 59 52	28° 8'28	2♐24	14°41	16°33	4° 6	25°21	29° 0	12°24	7°33	19°14	19°59	21°30	8° 5	n.a.	W26
T 27	0 3 49	29° 8'30	15°16	16° 9	17°48	4°50	25°20	29° 2	12°26	7°32	19°15	20° 0	21°27	8°12	n.a.	T 27
F 28	0 7 45	0♎ 8'34	28°28	17°36	19° 3	5°34	25°18	29° 4	12°28	7°30	19°15	20°R 0	21°24	8°19	n.a.	F 28
S 29	0 11 42	1° 8'40	12♑ 4	19° 2	20°19	6°18	25°16	29° 6	12°29	7°29	19°16	20° 0	21°21	8°25	n.a.	S 29
S 30	0 15 38	2♎ 8'47	26♑ 5	20♎28	21♍34	7♏ 3	25♉13	29♐ 8	12♐31	7♓27	19♋17	19♏57	21♏17	8♍32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n25	20s26	3n16	11n14	1n23	17n36	1n13	6s39	0s16	18n26	0s50	23s44	0s 1	22s40	0s10	10s 3	1s36	30n25	8n 6	18s37	18s42	5n 1		n.a.
S 2	10 3	18 33	4 6	10 30	1 19	17 15	1 14	6 56	0 17	18 27	0 50	23 44	0 1	22 40	0 10	10 4	1 36	30 25	8 6	18 36	18 41	4 59		n.a.
M 3	9 41	15 25	4 42	9 46	1 14	16 53	1 16	7 13	0 18	18 27	0 50	23 44	0 1	22 40	0 10	10 5	1 36	30 25	8 7	18 34	18 40	4 56		n.a.
T 4	9 19	11 13	5 0	9 2	1 8	16 31	1 17	7 30	0 19	18 28	0 50	23 44	0 1	22 40	0 10	10 5	1 36	30 25	8 7	18 31	18 40	4 54		n.a.
W 5	8 57	6 14	4 57	8 17	1 3	16 8	1 18	7 47	0 19	18 29	0 50	23 45	0 1	22 40	0 10	10 6	1 36	30 25	8 7	18 28	18 39	4 52		n.a.
T 6	8 35	0 50	4 32	7 32	0 57	15 45	1 19	8 4	0 20	18 29	0 50	23 45	0 1	22 40	0 10	10 7	1 36	30 25	8 7	18 25	18 38	4 49		n.a.
F 7	8 12	4n33	3 48	6 47	0 51	15 21	1 20	8 21	0 21	18 30	0 50	23 45	0 1	22 40	0 10	10 7	1 36	30 25	8 8	18 23	18 37	4 47		n.a.
S 8	7 49	9 35	2 49	6 2	0 45	14 57	1 21	8 38	0 21	18 30	0 50	23 45	0 2	22 41	0 10	10 8	1 36	30 25	8 8	18 21	18 36	4 45		n.a.
S 9	7 27	13 54	1 41	5 18	0 39	14 32	1 22	8 55	0 22	18 31	0 50	23 45	0 2	22 41	0 10	10 9	1 36	30 25	8 8	18 21	18 35	4 43		n.a.
M10	7 4	17 17	0 29	4 33	0 32	14 7	1 23	9 12	0 23	18 31	0 50	23 45	0 2	22 41	0 10	10 9	1 36	30 25	8 8	18 20	18 35	4 40		n.a.
T 11	6 41	19 35	0s43	3 48	0 26	13 42	1 24	9 29	0 24	18 31	0 50	23 45	0 2	22 41	0 10	10 10	1 36	30 25	8 9	18 20	18 34	4 38		n.a.
W12	6 18	20 45	1 50	3 3	0 19	13 16	1 24	9 45	0 24	18 32	0 50	23 45	0 2	22 41	0 10	10 11	1 36	30 25	8 9	18 20	18 33	4 36		n.a.
T 13	5 54	20 49	2 50	2 18	0 12	12 50	1 25	10 2	0 25	18 32	0 50	23 45	0 2	22 41	0 10	10 11	1 36	30 25	8 9	18 20	18 32	4 33		n.a.
F 14	5 31	19 51	3 40	1 33	0 6	12 24	1 26	10 19	0 26	18 32	0 50	23 45	0 2	22 41	0 10	10 12	1 36	30 26	8 9	18 20	18 31	4 31		n.a.
S 15	5 8	17 59	4 19	0 49	0s 1	11 57	1 26	10 35	0 26	18 32	0 51	23 45	0 2	22 41	0 10	10 12	1 36	30 26	8 10	18 18	18 31	4 29		n.a.
S 16	4 44	15 21	4 46	0 5	0 8	11 30	1 27	10 52	0 27	18 32	0 51	23 45	0 2	22 41	0 10	10 13	1 36	30 26	8 10	18 16	18 30	4 27		n.a.
M17	4 20	12 6	5 1	0s39	0 15	11 2	1 27	11 9	0 28	18 32	0 51	23 46	0 2	22 42	0 10	10 14	1 36	30 26	8 10	18 14	18 29	4 24		n.a.
T 18	3 57	8 24	5 2	1 23	0 22	10 35	1 27	11 25	0 28	18 32	0 51	23 46	0 2	22 42	0 10	10 14	1 36	30 26	8 10	18 11	18 28	4 22		n.a.
W19	3 33	4 23	4 51	2 7	0 28	10 6	1 27	11 41	0 29	18 32	0 51	23 46	0 2	22 42	0 10	10 15	1 36	30 26	8 11	18 7	18 27	4 20		n.a.
T 20	3 9	0 12	4 26	2 50	0 35	9 38	1 28	11 58	0 30	18 32	0 51	23 46	0 2	22 42	0 10	10 15	1 36	30 26	8 11	18 4	18 26	4 18		n.a.
F 21	2 45	4s 1	3 50	3 33	0 42	9 9	1 28	12 14	0 30	18 32	0 51	23 46	0 3	22 42	0 10	10 16	1 36	30 26	8 11	18 2	18 26	4 15		n.a.
S 22	2 21	8 5	3 4	4 15	0 49	8 41	1 28	12 30	0 31	18 32	0 51	23 46	0 3	22 42	0 10	10 17	1 36	30 26	8 12	17 59	18 25	4 13		n.a.
S 23	1 57	11 53	2 8	4 57	0 56	8 11	1 28	12 46	0 32	18 32	0 51	23 46	0 3	22 43	0 10	10 17	1 36	30 27	8 12	17 58	18 24	4 11		n.a.
M24	1 33	15 13	1 7	5 39	1 2	7 42	1 28	13 2	0 32	18 31	0 51	23 46	0 3	22 43	0 10	10 18	1 36	30 27	8 12	17 57	18 23	4 8		n.a.
T 25	1 9	17 55	0 1	6 20	1 9	7 12	1 28	13 18	0 33	18 31	0 51	23 46	0 3	22 43	0 10	10 18	1 36	30 27	8 12	17 57	18 22	4 6		n.a.
W26	0 45	19 48	1n 6	7 1	1 15	6 43	1 27	13 34	0 33	18 31	0 51	23 46	0 3	22 43	0 10	10 19	1 36	30 27	8 13	17 57	18 21	4 4		n.a.
T 27	0 21	20 43	2 12	7 41	1 22	6 13	1 27	13 49	0 34	18 30	0 51	23 46	0 3	22 43	0 10	10 20	1 36	30 27	8 13	17 57	18 21	4 2		n.a.
F 28	0s 3	20 31	3 12	8 21	1 28	5 42	1 27	14 5	0 35	18 30	0 51	23 47	0 3	22 44	0 10	10 20	1 36	30 27	8 13	17 57	18 20	3 59		n.a.
S 29	0 28	19 8	4 4	9 0	1 34	5 12	1 26	14 20	0 35	18 29	0 51	23 47	0 3	22 44	0 10	10 21	1 36	30 28	8 14	17 57	18 19	3 57		n.a.
S 30	0s52	16s34	4n42	9s38	1s41	4n42	1n26	14s36	0s36	18n29	0s51	23s47	0s 3	22s44	0s10	10s21	1s36	30n28	8n14	17s56	18s18	3n55		n.a.

Julian Day Number = 1620126.5, Delta T = 03h48m02s
Ecliptic obliquity = 23°43'39, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'59, Lahiri = - 7°46'59 Julian Calendar 1 Sept. 278 BCE == Greg. Calendar 28 Aug. 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

OCTOBER 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 19 35	3♎ 8'57	10♒32	21♎53	22♍49	7♏47	25°R11	29♐10	12♐33	7°R26	19♋18	19°R53	21♏14	8♍39	n.a.	M 1
T 2	0 23 31	4° 9'07	25°20	23°17	24° 5	8°32	25♉ 8	29°13	12°34	7♓24	19°18	19♏47	21°11	8°46	n.a.	T 2
W 3	0 27 28	5° 9'20	10♓25	24°40	25°20	9°16	25° 5	29°15	12°36	7°23	19°19	19°40	21° 8	8°52	n.a.	W 3
T 4	0 31 24	6° 9'34	25°36	26° 3	26°35	10° 1	25° 2	29°18	12°38	7°21	19°20	19°33	21° 5	8°59	n.a.	T 4
F 5	0 35 21	7° 9'49	10♈43	27°24	27°51	10°45	24°59	29°20	12°40	7°20	19°20	19°27	21° 1	9° 6	n.a.	F 5
S 6	0 39 18	8°10'07	25°37	28°45	29° 6	11°30	24°56	29°23	12°42	7°18	19°21	19°23	20°58	9°12	n.a.	S 6
S 7	0 43 14	9°10'27	10♉ 9	0♏ 4	0♎22	12°15	24°52	29°26	12°44	7°17	19°22	19°21	20°55	9°19	n.a.	S 7
M 8	0 47 11	10°10'49	24°16	1°22	1°37	13° 0	24°48	29°29	12°46	7°16	19°22	19°D21	20°52	9°26	n.a.	M 8
T 9	0 51 7	11°11'12	7♊54	2°39	2°53	13°45	24°44	29°32	12°48	7°14	19°23	19°22	20°49	9°33	n.a.	T 9
W10	0 55 4	12°11'38	21° 5	3°54	4° 8	14°30	24°40	29°35	12°50	7°13	19°23	19°24	20°46	9°39	n.a.	W10
T 11	0 59 0	13°12'06	3♋52	5° 8	5°24	15°15	24°36	29°38	12°53	7°12	19°24	19°25	20°42	9°46	n.a.	T 11
F 12	1 2 57	14°12'36	16°19	6°20	6°39	16° 0	24°31	29°42	12°55	7°11	19°24	19°R25	20°39	9°53	n.a.	F 12
S 13	1 6 53	15°13'08	28°30	7°30	7°55	16°45	24°26	29°45	12°57	7° 9	19°24	19°24	20°36	9°59	n.a.	S 13
S 14	1 10 50	16°13'42	10♌30	8°37	9°10	17°30	24°21	29°48	12°59	7° 8	19°25	19°22	20°33	10° 6	n.a.	S 14
M15	1 14 47	17°14'17	22°24	9°42	10°26	18°16	24°16	29°52	13° 2	7° 7	19°25	19°18	20°30	10°13	n.a.	M15
T 16	1 18 43	18°14'55	4♍15	10°43	11°41	19° 1	24°11	29°56	13° 4	7° 6	19°25	19°13	20°27	10°20	n.a.	T 16
W17	1 22 40	19°15'34	16° 6	11°42	12°57	19°46	24° 6	29°59	13° 7	7° 5	19°26	19° 7	20°23	10°26	n.a.	W17
T 18	1 26 36	20°16'15	28° 1	12°36	14°12	20°32	24° 0	0♑ 3	13° 9	7° 3	19°26	19° 1	20°20	10°33	n.a.	T 18
F 19	1 30 33	21°16'57	10♎ 2	13°27	15°28	21°17	23°54	0° 7	13°12	7° 2	19°26	18°57	20°17	10°40	n.a.	F 19
S 20	1 34 29	22°17'41	22°10	14°12	16°44	22° 3	23°48	0°11	13°14	7° 1	19°26	18°53	20°14	10°46	n.a.	S 20
S 21	1 38 26	23°18'27	4♏26	14°52	17°59	22°48	23°42	0°15	13°17	7° 0	19°26	18°51	20°11	10°53	n.a.	S 21
M22	1 42 22	24°19'14	16°52	15°26	19°15	23°34	23°36	0°19	13°19	6°59	19°27	18°D50	20° 7	11° 0	n.a.	M22
T 23	1 46 19	25°20'02	29°29	15°53	20°30	24°20	23°30	0°23	13°22	6°58	19°27	18°50	20° 4	11° 7	n.a.	T 23
W24	1 50 16	26°20'52	12♐18	16°12	21°46	25° 6	23°23	0°28	13°25	6°57	19°27	18°51	20° 1	11°13	n.a.	W24
T 25	1 54 12	27°21'43	25°22	16°23	23° 2	25°51	23°17	0°32	13°27	6°56	19°27	18°53	19°58	11°20	n.a.	T 25
F 26	1 58 9	28°22'35	8♑40	16°R25	24°17	26°37	23°10	0°37	13°30	6°55	19°R27	18°54	19°55	11°27	n.a.	F 26
S 27	2 2 5	29°23'28	22°16	16°16	25°33	27°23	23° 3	0°41	13°33	6°55	19°27	18°55	19°52	11°33	n.a.	S 27
S 28	2 6 2	0♏24'22	6♒10	15°58	26°48	28° 9	22°56	0°46	13°36	6°54	19°27	18°R55	19°48	11°40	n.a.	S 28
M29	2 9 58	1°25'17	20°21	15°28	28° 4	28°55	22°49	0°50	13°39	6°53	19°27	18°54	19°45	11°47	n.a.	M29
T 30	2 13 55	2°26'12	4♓48	14°47	29°20	29°41	22°42	0°55	13°41	6°52	19°27	18°53	19°42	11°54	n.a.	T 30
W31	2 17 51	3♏27'09	19♓27	13♏56	0♏35	0♐27	22♉35	1♑ 0	13♐44	6♓51	19♋26	18♏51	19♏39	12♍ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1s16	12s56	5n 4	10s16	1s46	4n11	1n25	14s51	0s37	18n28	0s51	23s47	0s 3	22s44	0s10	10s22	1s36	30n28	8n14	17s55	18s17	3n53		n.a.
T 2	1 40	8 25	5 7	10 53	1 52	3 40	1 25	15 6	0 37	18 27	0 51	23 47	0 3	22 44	0 10	10 22	1 36	30 28	8 14	17 54	18 16	3 50		n.a.
W 3	2 4	3 18	4 49	11 29	1 58	3 9	1 24	15 21	0 38	18 27	0 51	23 47	0 3	22 45	0 10	10 23	1 36	30 28	8 15	17 52	18 15	3 48		n.a.
T 4	2 28	2n 3	4 10	12 5	2 3	2 38	1 23	15 36	0 38	18 26	0 51	23 47	0 4	22 45	0 10	10 23	1 36	30 28	8 15	17 50	18 15	3 46		n.a.
F 5	2 53	7 15	3 14	12 40	2 8	2 7	1 22	15 51	0 39	18 25	0 51	23 47	0 4	22 45	0 10	10 24	1 36	30 29	8 15	17 48	18 14	3 43		n.a.
S 6	3 17	11 57	2 5	13 14	2 13	1 36	1 21	16 5	0 39	18 24	0 51	23 47	0 4	22 45	0 10	10 24	1 36	30 29	8 16	17 47	18 13	3 41		n.a.
S 7	3 41	15 50	0 50	13 46	2 18	1 5	1 20	16 20	0 40	18 23	0 51	23 47	0 4	22 46	0 10	10 25	1 36	30 29	8 16	17 47	18 12	3 39		n.a.
M 8	4 5	18 38	0s27	14 18	2 22	0 34	1 19	16 34	0 41	18 22	0 51	23 47	0 4	22 46	0 10	10 25	1 36	30 29	8 16	17 47	18 11	3 37		n.a.
T 9	4 29	20 15	1 39	14 49	2 26	0 2	1 18	16 49	0 41	18 21	0 51	23 48	0 4	22 46	0 10	10 26	1 35	30 30	8 17	17 47	18 10	3 34		n.a.
W10	4 53	20 42	2 44	15 19	2 29	0s29	1 17	17 3	0 42	18 20	0 51	23 48	0 4	22 47	0 10	10 26	1 35	30 30	8 17	17 47	18 10	3 32		n.a.
T 11	5 16	20 1	3 39	15 47	2 33	1 0	1 16	17 17	0 42	18 19	0 51	23 48	0 4	22 47	0 10	10 27	1 35	30 30	8 17	17 48	18 9	3 30		n.a.
F 12	5 40	18 23	4 22	16 14	2 35	1 32	1 15	17 30	0 43	18 18	0 51	23 48	0 4	22 47	0 10	10 27	1 35	30 30	8 17	17 48	18 8	3 28		n.a.
S 13	6 4	15 57	4 52	16 39	2 38	2 3	1 14	17 44	0 43	18 17	0 51	23 48	0 4	22 47	0 10	10 28	1 35	30 30	8 18	17 47	18 7	3 25		n.a.
S 14	6 27	12 52	5 8	17 3	2 39	2 34	1 12	17 58	0 44	18 16	0 51	23 48	0 4	22 48	0 10	10 28	1 35	30 31	8 18	17 47	18 6	3 23		n.a.
M15	6 51	9 18	5 11	17 26	2 41	3 5	1 11	18 11	0 44	18 15	0 51	23 48	0 4	22 48	0 10	10 28	1 35	30 31	8 18	17 46	18 5	3 21		n.a.
T 16	7 14	5 24	5 1	17 46	2 41	3 37	1 10	18 24	0 45	18 13	0 51	23 48	0 4	22 48	0 10	10 29	1 35	30 31	8 19	17 44	18 4	3 19		n.a.
W17	7 38	1 17	4 38	18 4	2 41	4 8	1 8	18 37	0 46	18 12	0 51	23 48	0 5	22 49	0 10	10 29	1 35	30 31	8 19	17 43	18 4	3 16		n.a.
T 18	8 1	2s55	4 3	18 21	2 40	4 39	1 6	18 50	0 46	18 11	0 51	23 48	0 5	22 49	0 10	10 30	1 35	30 32	8 19	17 41	18 3	3 14		n.a.
F 19	8 24	7 2	3 17	18 34	2 38	5 10	1 5	19 3	0 47	18 9	0 51	23 48	0 5	22 49	0 10	10 30	1 35	30 32	8 20	17 40	18 2	3 12		n.a.
S 20	8 47	10 55	2 21	18 46	2 35	5 41	1 3	19 15	0 47	18 8	0 51	23 48	0 5	22 50	0 10	10 30	1 35	30 32	8 20	17 39	18 1	3 10		n.a.
S 21	9 10	14 23	1 18	18 54	2 32	6 11	1 2	19 28	0 48	18 6	0 51	23 48	0 5	22 50	0 10	10 31	1 35	30 33	8 20	17 38	18 0	3 7		n.a.
M22	9 32	17 15	0 11	19 0	2 27	6 42	1 0	19 40	0 48	18 5	0 51	23 49	0 5	22 50	0 10	10 31	1 35	30 33	8 21	17 38	17 59	3 5		n.a.
T 23	9 55	19 20	0n58	19 2	2 21	7 12	0 58	19 52	0 49	18 3	0 51	23 49	0 5	22 51	0 10	10 32	1 35	30 33	8 21	17 38	17 58	3 3		n.a.
W24	10 17	20 28	2 6	19 1	2 13	7 43	0 56	20 4	0 49	18 2	0 51	23 49	0 5	22 51	0 10	10 32	1 35	30 33	8 21	17 38	17 58	3 1		n.a.
T 25	10 39	20 31	3 8	18 55	2 5	8 13	0 54	20 15	0 49	18 0	0 51	23 49	0 5	22 51	0 10	10 32	1 35	30 34	8 22	17 39	17 57	2 58		n.a.
F 26	11 1	19 26	4 1	18 46	1 54	8 43	0 53	20 27	0 50	17 58	0 50	23 49	0 5	22 52	0 10	10 32	1 35	30 34	8 22	17 39	17 56	2 56		n.a.
S 27	11 23	17 13	4 42	18 32	1 42	9 12	0 51	20 38	0 50	17 57	0 50	23 49	0 5	22 52	0 10	10 33	1 35	30 34	8 22	17 39	17 55	2 54		n.a.
S 28	11 45	13 59	5 8	18 14	1 29	9 42	0 49	20 49	0 51	17 55	0 50	23 49	0 5	22 52	0 10	10 33	1 35	30 35	8 22	17 39	17 54	2 51		n.a.
M29	12 7	9 53	5 16	17 51	1 14	10 11	0 47	21 0	0 51	17 53	0 50	23 49	0 5	22 53	0 10	10 33	1 35	30 35	8 23	17 39	17 53	2 49		n.a.
T 30	12 28	5 9	5 4	17 22	0 57	10 40	0 45	21 10	0 52	17 52	0 50	23 49	0 5	22 53	0 10	10 34	1 35	30 35	8 23	17 39	17 52	2 47		n.a.
W31	12s49	0s 4	4n32	16s50	0s39	11s 9	0n43	21s21	0s52	17n50	0s50	23s49	0s 6	22s53	0s10	10s34	1s35	30n36	8n23	17s38	17s51	2n45		n.a.

Julian Day Number = 1620156.5, Delta T = 03h48m01s
Ecliptic obliquity = 23°43'39, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'55, Lahiri = - 7°46'54 Julian Calendar 1 Oct. 278 BCE == Greg. Calendar 27 Sept. 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

NOVEMBER 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 21 48	4♏28'06	4♈12	12°R55	1♏51	1♐14	22°R27	1♑ 5	13♐47	6°R51	19°R26	18°R49	19♏36	12♍ 7	n.a.	T 1
F 2	2 25 45	5°29'05	18°57	11♏45	3° 6	2° 0	22♉20	1°10	13°50	6♓50	19♋26	18♏47	19°32	12°14	n.a.	F 2
S 3	2 29 41	6°30'04	3♉35	10°28	4°22	2°46	22°12	1°15	13°53	6°49	19°26	18°46	19°29	12°20	n.a.	S 3
S 4	2 33 38	7°31'05	17°58	9° 7	5°37	3°32	22° 5	1°20	13°56	6°49	19°26	18°D46	19°26	12°27	n.a.	S 4
M 5	2 37 34	8°32'06	2♊ 1	7°44	6°53	4°18	21°57	1°25	13°59	6°48	19°25	18°46	19°23	12°34	n.a.	M 5
T 6	2 41 31	9°33'09	15°42	6°23	8° 9	5° 5	21°49	1°30	14° 2	6°47	19°25	18°47	19°20	12°41	n.a.	T 6
W 7	2 45 27	10°34'13	28°58	5° 5	9°24	5°51	21°41	1°36	14° 6	6°47	19°25	18°48	19°17	12°47	n.a.	W 7
T 8	2 49 24	11°35'18	11♋51	3°53	10°40	6°38	21°33	1°41	14° 9	6°46	19°24	18°49	19°13	12°54	n.a.	T 8
F 9	2 53 20	12°36'24	24°23	2°49	11°55	7°24	21°25	1°47	14°12	6°46	19°24	18°49	19°10	13° 1	n.a.	F 9
S 10	2 57 17	13°37'31	6♌38	1°56	13°11	8°11	21°17	1°52	14°15	6°45	19°24	18°49	19° 7	13° 7	n.a.	S 10
S 11	3 1 14	14°38'39	18°40	1°13	14°26	8°57	21° 9	1°58	14°18	6°45	19°23	18°R49	19° 4	13°14	n.a.	S 11
M12	3 5 10	15°39'48	0♍35	0°41	15°42	9°44	21° 1	2° 3	14°22	6°45	19°23	18°49	19° 1	13°21	n.a.	M12
T 13	3 9 7	16°40'58	12°26	0°21	16°58	10°30	20°53	2° 9	14°25	6°44	19°22	18°49	18°58	13°28	n.a.	T 13
W14	3 13 3	17°42'09	24°18	0°D11	18°13	11°17	20°45	2°15	14°28	6°44	19°22	18°49	18°54	13°34	n.a.	W14
T 15	3 17 0	18°43'21	6♎16	0°12	19°29	12° 4	20°37	2°21	14°31	6°44	19°21	18°D49	18°51	13°41	n.a.	T 15
F 16	3 20 56	19°44'34	18°22	0°23	20°44	12°51	20°29	2°26	14°35	6°44	19°21	18°49	18°48	13°48	n.a.	F 16
S 17	3 24 53	20°45'47	0♏39	0°42	22° 0	13°37	20°20	2°32	14°38	6°43	19°20	18°49	18°45	13°54	n.a.	S 17
S 18	3 28 49	21°47'01	13°10	1° 9	23°15	14°24	20°12	2°38	14°41	6°43	19°19	18°R49	18°42	14° 1	n.a.	S 18
M19	3 32 46	22°48'16	25°54	1°44	24°31	15°11	20° 4	2°44	14°45	6°43	19°19	18°49	18°38	14° 8	n.a.	M19
T 20	3 36 43	23°49'31	8♐53	2°25	25°47	15°58	19°56	2°50	14°48	6°43	19°18	18°49	18°35	14°15	n.a.	T 20
W21	3 40 39	24°50'46	22° 6	3°11	27° 2	16°45	19°48	2°56	14°52	6°43	19°17	18°48	18°32	14°21	n.a.	W21
T 22	3 44 36	25°52'02	5♑33	4° 3	28°18	17°32	19°40	3° 3	14°55	6°D43	19°17	18°47	18°29	14°28	n.a.	T 22
F 23	3 48 32	26°53'18	19°11	4°59	29°33	18°19	19°32	3° 9	14°58	6°43	19°16	18°46	18°26	14°35	n.a.	F 23
S 24	3 52 29	27°54'33	3♒ 1	5°59	0♐49	19° 6	19°24	3°15	15° 2	6°43	19°15	18°46	18°23	14°41	n.a.	S 24
S 25	3 56 25	28°55'49	16°59	7° 3	2° 4	19°53	19°16	3°21	15° 5	6°43	19°14	18°45	18°19	14°48	n.a.	S 25
M26	4 0 22	29°57'05	1♓ 5	8°10	3°20	20°40	19° 8	3°28	15° 9	6°43	19°13	18°D45	18°16	14°55	n.a.	M26
T 27	4 4 18	0♐58'20	15°17	9°19	4°35	21°27	19° 0	3°34	15°12	6°43	19°13	18°45	18°13	15° 2	n.a.	T 27
W28	4 8 15	1°59'35	29°33	10°31	5°51	22°14	18°52	3°41	15°16	6°43	19°12	18°46	18°10	15° 8	n.a.	W28
T 29	4 12 12	3° 0'50	13♈50	11°44	7° 6	23° 1	18°44	3°47	15°19	6°44	19°11	18°47	18° 7	15°15	n.a.	T 29
F 30	4 16 8	4♐ 2'05	28♈ 5	13♏ 0	8♐22	23♐48	18♉37	3♑54	15♐23	6♓44	19♋10	18♏48	18♏ 4	15♍22	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s10	5n 5	3n42	16s13	0s20	11s37	0n41	21s31	0s53	17n48	0s50	23s49	0s 6	22s54	0s10	10s34	1s35	30n36	8n24	17s38	17s51	2n42		n.a.
F 2	13 30	9 56	2 38	15 32	0n 0	12 6	0 38	21 41	0 53	17 46	0 50	23 49	0 6	22 54	0 10	10 34	1 35	30 36	8 24	17 37	17 50	2 40		n.a.
S 3	13 51	14 10	1 23	14 48	0 21	12 34	0 36	21 50	0 54	17 44	0 50	23 49	0 6	22 54	0 10	10 35	1 35	30 37	8 24	17 37	17 49	2 38		n.a.
S 4	14 11	17 28	0 4	14 3	0 42	13 1	0 34	22 0	0 54	17 42	0 50	23 49	0 6	22 55	0 10	10 35	1 35	30 37	8 25	17 37	17 48	2 36		n.a.
M 5	14 31	19 38	1s13	13 17	1 2	13 28	0 32	22 9	0 54	17 40	0 50	23 49	0 6	22 55	0 10	10 35	1 35	30 37	8 25	17 37	17 47	2 33		n.a.
T 6	14 51	20 34	2 24	12 32	1 21	13 55	0 30	22 18	0 55	17 38	0 50	23 49	0 6	22 56	0 10	10 35	1 35	30 38	8 25	17 37	17 46	2 31		n.a.
W 7	15 10	20 18	3 25	11 50	1 38	14 22	0 27	22 27	0 55	17 36	0 50	23 49	0 6	22 56	0 10	10 35	1 35	30 38	8 26	17 37	17 45	2 29		n.a.
T 8	15 29	18 59	4 14	11 11	1 54	14 48	0 25	22 35	0 56	17 35	0 49	23 49	0 6	22 56	0 10	10 35	1 34	30 38	8 26	17 38	17 44	2 27		n.a.
F 9	15 48	16 45	4 49	10 36	2 8	15 14	0 23	22 44	0 56	17 33	0 49	23 49	0 6	22 57	0 10	10 36	1 34	30 39	8 26	17 38	17 44	2 24		n.a.
S 10	16 7	13 50	5 10	10 6	2 19	15 39	0 21	22 52	0 56	17 31	0 49	23 49	0 6	22 57	0 10	10 36	1 34	30 39	8 26	17 38	17 43	2 22		n.a.
S 11	16 25	10 23	5 17	9 43	2 29	16 4	0 18	22 59	0 57	17 29	0 49	23 49	0 6	22 57	0 10	10 36	1 34	30 39	8 27	17 38	17 42	2 20		n.a.
M12	16 44	6 33	5 11	9 25	2 36	16 29	0 16	23 7	0 57	17 26	0 49	23 49	0 6	22 58	0 10	10 36	1 34	30 40	8 27	17 38	17 41	2 18		n.a.
T 13	17 1	2 30	4 51	9 13	2 42	16 53	0 14	23 14	0 57	17 24	0 49	23 49	0 6	22 58	0 10	10 36	1 34	30 40	8 27	17 38	17 40	2 16		n.a.
W14	17 19	1s40	4 19	9 6	2 45	17 17	0 11	23 21	0 58	17 22	0 49	23 49	0 7	22 59	0 10	10 36	1 34	30 41	8 28	17 38	17 39	2 13		n.a.
T 15	17 36	5 48	3 35	9 5	2 47	17 40	0 9	23 28	0 58	17 20	0 49	23 49	0 7	22 59	0 10	10 36	1 34	30 41	8 28	17 38	17 38	2 11		n.a.
F 16	17 53	9 46	2 41	9 8	2 47	18 3	0 6	23 35	0 58	17 18	0 48	23 49	0 7	22 59	0 10	10 36	1 34	30 41	8 28	17 38	17 37	2 9		n.a.
S 17	18 10	13 23	1 39	9 16	2 46	18 25	0 4	23 41	0 59	17 16	0 48	23 49	0 7	23 0	0 10	10 36	1 34	30 42	8 29	17 38	17 37	2 7		n.a.
S 18	18 26	16 28	0 31	9 27	2 44	18 47	0 2	23 47	0 59	17 14	0 48	23 49	0 7	23 0	0 10	10 36	1 34	30 42	8 29	17 38	17 36	2 4		n.a.
M19	18 42	18 50	0n39	9 42	2 41	19 8	0s 1	23 53	0 59	17 12	0 48	23 49	0 7	23 1	0 10	10 36	1 34	30 42	8 29	17 38	17 35	2 2		n.a.
T 20	18 57	20 15	1 49	10 0	2 37	19 29	0 3	23 58	1 0	17 10	0 48	23 49	0 7	23 1	0 10	10 36	1 34	30 43	8 29	17 38	17 34	2 0		n.a.
W21	19 12	20 35	2 54	10 21	2 32	19 49	0 5	24 3	1 0	17 8	0 48	23 49	0 7	23 1	0 10	10 36	1 34	30 43	8 30	17 37	17 33	1 58		n.a.
T 22	19 27	19 46	3 51	10 43	2 27	20 9	0 8	24 8	1 0	17 6	0 47	23 49	0 7	23 2	0 10	10 36	1 34	30 44	8 30	17 37	17 32	1 55		n.a.
F 23	19 42	17 47	4 36	11 8	2 21	20 28	0 10	24 13	1 1	17 4	0 47	23 49	0 7	23 2	0 10	10 36	1 34	30 44	8 30	17 37	17 31	1 53		n.a.
S 24	19 56	14 46	5 5	11 34	2 14	20 46	0 13	24 17	1 1	17 2	0 47	23 48	0 7	23 3	0 10	10 36	1 34	30 44	8 30	17 37	17 30	1 51		n.a.
S 25	20 10	10 54	5 17	12 1	2 8	21 4	0 15	24 21	1 1	17 0	0 47	23 48	0 7	23 3	0 10	10 36	1 34	30 45	8 31	17 37	17 29	1 49		n.a.
M26	20 23	6 24	5 10	12 29	2 1	21 21	0 17	24 25	1 1	16 58	0 47	23 48	0 7	23 3	0 10	10 36	1 34	30 45	8 31	17 36	17 29	1 46		n.a.
T 27	20 36	1 31	4 44	12 59	1 54	21 38	0 20	24 28	1 2	16 56	0 47	23 48	0 7	23 4	0 10	10 36	1 34	30 46	8 31	17 37	17 28	1 44		n.a.
W28	20 49	3n29	4 0	13 28	1 46	21 54	0 22	24 32	1 2	16 54	0 46	23 48	0 8	23 4	0 10	10 36	1 34	30 46	8 32	17 37	17 27	1 42		n.a.
T 29	21 1	8 18	3 2	13 59	1 39	22 9	0 24	24 35	1 2	16 52	0 46	23 48	0 8	23 5	0 10	10 36	1 34	30 46	8 32	17 37	17 26	1 40		n.a.
F 30	21s13	12n40	1n52	14s29	1n31	22s24	0s26	24s37	1s 2	16n50	0s46	23s48	0s 8	23s 5	0s10	10s35	1s33	30n47	8n32	17s37	17s25	1n37		n.a.

Julian Day Number = 1620187.5, Delta T = 03h48m00s
Ecliptic obliquity = 23°43'38, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'51, Lahiri = - 7°46'50 Julian Calendar 1 Nov. 278 BCE == Greg. Calendar 28 Oct. 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 278 BCE
geocentric

DECEMBER 278 BCE (-277) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 20 5	5♐ 3'19	12♉14	14♏17	9♐37	24♐35	18°R29	4♑ 0	15♐26	6♓44	19°R 9	18°R49	18♏ 0	15♍28	n.a.	S 1
S 2	4 24 1	6° 4'34	26°14	15°36	10°52	25°22	18♉22	4° 7	15°30	6°44	19♋ 8	18♏49	17°57	15°35	n.a.	S 2
M 3	4 27 58	7° 5'48	10♊ 0	16°56	12° 8	26° 9	18°14	4°13	15°34	6°45	19° 7	18°48	17°54	15°42	n.a.	M 3
T 4	4 31 54	8° 7'02	23°29	18°17	13°23	26°57	18° 7	4°20	15°37	6°45	19° 6	18°46	17°51	15°48	n.a.	T 4
W 5	4 35 51	9° 8'17	6♋40	19°40	14°39	27°44	18° 0	4°27	15°41	6°46	19° 5	18°43	17°48	15°55	n.a.	W 5
T 6	4 39 48	10° 9'31	19°33	21° 3	15°54	28°31	17°53	4°33	15°44	6°46	19° 4	18°39	17°44	16° 2	n.a.	T 6
F 7	4 43 44	11°10'45	2♌ 6	22°27	17° 9	29°18	17°46	4°40	15°48	6°47	19° 3	18°36	17°41	16° 9	n.a.	F 7
S 8	4 47 41	12°11'59	14°24	23°52	18°25	0♑ 6	17°39	4°47	15°51	6°47	19° 2	18°33	17°38	16°15	n.a.	S 8
S 9	4 51 37	13°13'13	26°29	25°18	19°40	0°53	17°32	4°54	15°55	6°48	19° 1	18°30	17°35	16°22	n.a.	S 9
M10	4 55 34	14°14'26	8♍24	26°45	20°56	1°40	17°26	5° 1	15°59	6°48	18°59	18°29	17°32	16°29	n.a.	M10
T 11	4 59 30	15°15'40	20°16	28°12	22°11	2°27	17°19	5° 8	16° 2	6°49	18°58	18°D29	17°29	16°35	n.a.	T 11
W12	5 3 27	16°16'53	2♎ 8	29°40	23°26	3°15	17°13	5°15	16° 6	6°50	18°57	18°30	17°25	16°42	n.a.	W12
T 13	5 7 23	17°18'06	14° 6	1♐ 8	24°42	4° 2	17° 7	5°21	16° 9	6°50	18°56	18°32	17°22	16°49	n.a.	T 13
F 14	5 11 20	18°19'19	26°14	2°37	25°57	4°50	17° 1	5°28	16°13	6°51	18°55	18°34	17°19	16°56	n.a.	F 14
S 15	5 15 17	19°20'32	8♏36	4° 7	27°12	5°37	16°55	5°35	16°16	6°52	18°54	18°35	17°16	17° 2	n.a.	S 15
S 16	5 19 13	20°21'44	21°16	5°37	28°28	6°24	16°49	5°42	16°20	6°53	18°52	18°R35	17°13	17° 9	n.a.	S 16
M17	5 23 10	21°22'56	4♐16	7° 8	29°43	7°12	16°44	5°49	16°24	6°53	18°51	18°34	17°10	17°16	n.a.	M17
T 18	5 27 6	22°24'07	17°37	8°39	0♑58	7°59	16°39	5°56	16°27	6°54	18°50	18°31	17° 6	17°22	n.a.	T 18
W19	5 31 3	23°25'18	1♑16	10°11	2°14	8°46	16°33	6° 4	16°31	6°55	18°49	18°27	17° 3	17°29	n.a.	W19
T 20	5 34 59	24°26'27	15°11	11°44	3°29	9°34	16°28	6°11	16°34	6°56	18°47	18°21	17° 0	17°36	n.a.	T 20
F 21	5 38 56	25°27'36	29°19	13°17	4°44	10°21	16°23	6°18	16°38	6°57	18°46	18°15	16°57	17°43	n.a.	F 21
S 22	5 42 52	26°28'44	13♒34	14°50	5°59	11° 9	16°19	6°25	16°41	6°58	18°45	18° 9	16°54	17°49	n.a.	S 22
S 23	5 46 49	27°29'51	27°51	16°24	7°15	11°56	16°14	6°32	16°45	6°59	18°43	18° 4	16°50	17°56	n.a.	S 23
M24	5 50 46	28°30'56	12♓ 7	17°59	8°30	12°43	16°10	6°39	16°48	7° 0	18°42	18° 1	16°47	18° 3	n.a.	M24
T 25	5 54 42	29°32'00	26°19	19°34	9°45	13°31	16° 6	6°46	16°52	7° 1	18°41	18°D 0	16°44	18° 9	n.a.	T 25
W26	5 58 39	0♑33'03	10♈24	21°10	11° 0	14°18	16° 2	6°53	16°55	7° 2	18°39	18° 1	16°41	18°16	n.a.	W26
T 27	6 2 35	1°34'05	24°22	22°47	12°15	15° 6	15°58	7° 0	16°59	7° 3	18°38	18° 2	16°38	18°23	n.a.	T 27
F 28	6 6 32	2°35'05	8♉11	24°24	13°30	15°53	15°54	7° 8	17° 2	7° 5	18°37	18° 3	16°35	18°29	n.a.	F 28
S 29	6 10 28	3°36'04	21°52	26° 2	14°46	16°41	15°51	7°15	17° 6	7° 6	18°35	18°R 3	16°31	18°36	n.a.	S 29
S 30	6 14 25	4°37'02	5♊24	27°40	16° 1	17°28	15°48	7°22	17° 9	7° 7	18°34	18° 2	16°28	18°43	n.a.	S 30
M31	6 18 22	5♑37'58	18♊44	29♐19	17♑16	18♑15	15♉45	7♑29	17♐13	7♓ 8	18♋32	17♏58	16♏25	18♍50	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s24	16n16	0n36	15s 0	1n23	22s38	0s29	24s40	1s 3	16n48	0s46	23s48	0s 8	23s 5	0s10	10s35	1s33	30n47	8n32	17s38	17s24	1n35		n.a.
S 2	21 35	18 53	0s41	15 30	1 15	22 51	0 31	24 42	1 3	16 46	0 46	23 48	0 8	23 6	0 10	10 35	1 33	30 48	8 33	17 38	17 23	1 33		n.a.
M 3	21 45	20 20	1 54	16 1	1 8	23 4	0 33	24 43	1 3	16 44	0 46	23 47	0 8	23 6	0 10	10 35	1 33	30 48	8 33	17 37	17 22	1 31		n.a.
T 4	21 55	20 34	3 0	16 32	1 0	23 16	0 35	24 45	1 3	16 42	0 45	23 47	0 8	23 7	0 10	10 35	1 33	30 48	8 33	17 37	17 21	1 29		n.a.
W 5	22 5	19 40	3 54	17 2	0 52	23 27	0 38	24 46	1 4	16 41	0 45	23 47	0 8	23 7	0 10	10 35	1 33	30 49	8 33	17 36	17 20	1 26		n.a.
T 6	22 14	17 45	4 35	17 32	0 44	23 38	0 40	24 47	1 4	16 39	0 45	23 47	0 8	23 7	0 10	10 34	1 33	30 49	8 34	17 35	17 20	1 24		n.a.
F 7	22 23	15 2	5 2	18 1	0 36	23 48	0 42	24 47	1 4	16 37	0 45	23 47	0 8	23 8	0 10	10 34	1 33	30 49	8 34	17 34	17 19	1 22		n.a.
S 8	22 32	11 42	5 14	18 30	0 29	23 57	0 44	24 48	1 4	16 35	0 44	23 47	0 8	23 8	0 10	10 34	1 33	30 50	8 34	17 33	17 18	1 20		n.a.
S 9	22 40	7 58	5 11	18 59	0 21	24 5	0 46	24 48	1 4	16 34	0 44	23 46	0 8	23 8	0 10	10 34	1 33	30 50	8 34	17 32	17 17	1 17		n.a.
M10	22 47	3 57	4 56	19 27	0 13	24 13	0 48	24 48	1 5	16 32	0 44	23 46	0 8	23 9	0 10	10 33	1 33	30 51	8 34	17 32	17 16	1 15		n.a.
T 11	22 54	0s11	4 28	19 54	0 6	24 20	0 50	24 47	1 5	16 30	0 44	23 46	0 8	23 9	0 10	10 33	1 33	30 51	8 35	17 32	17 15	1 13		n.a.
W12	23 1	4 20	3 48	20 21	0s 1	24 26	0 52	24 46	1 5	16 29	0 44	23 46	0 9	23 10	0 10	10 33	1 33	30 51	8 35	17 32	17 14	1 11		n.a.
T 13	23 7	8 21	2 58	20 46	0 9	24 31	0 54	24 45	1 5	16 27	0 43	23 46	0 9	23 10	0 10	10 32	1 33	30 52	8 35	17 33	17 13	1 9		n.a.
F 14	23 12	12 6	2 0	21 11	0 16	24 36	0 56	24 43	1 5	16 26	0 43	23 45	0 9	23 10	0 10	10 32	1 33	30 52	8 35	17 33	17 12	1 6		n.a.
S 15	23 18	15 24	0 54	21 36	0 23	24 40	0 58	24 42	1 5	16 24	0 43	23 45	0 9	23 11	0 10	10 32	1 33	30 53	8 35	17 34	17 11	1 4		n.a.
S 16	23 22	18 4	0n15	21 59	0 29	24 43	1 0	24 40	1 5	16 23	0 43	23 45	0 9	23 11	0 10	10 31	1 33	30 53	8 36	17 34	17 11	1 2		n.a.
M17	23 27	19 52	1 25	22 21	0 36	24 45	1 1	24 37	1 6	16 22	0 43	23 45	0 9	23 12	0 10	10 31	1 33	30 53	8 36	17 34	17 10	1 0		n.a.
T 18	23 30	20 37	2 32	22 43	0 42	24 47	1 3	24 35	1 6	16 20	0 42	23 44	0 9	23 12	0 10	10 31	1 33	30 54	8 36	17 33	17 9	0 57		n.a.
W19	23 34	20 12	3 32	23 3	0 49	24 47	1 5	24 32	1 6	16 19	0 42	23 44	0 9	23 12	0 10	10 30	1 33	30 54	8 36	17 32	17 8	0 55		n.a.
T 20	23 36	18 32	4 20	23 22	0 55	24 47	1 6	24 28	1 6	16 18	0 42	23 44	0 9	23 13	0 10	10 30	1 33	30 54	8 36	17 30	17 7	0 53		n.a.
F 21	23 39	15 45	4 54	23 40	1 1	24 46	1 8	24 25	1 6	16 17	0 42	23 44	0 9	23 13	0 10	10 30	1 33	30 55	8 37	17 28	17 6	0 51		n.a.
S 22	23 41	12 1	5 9	23 57	1 6	24 45	1 10	24 21	1 6	16 15	0 41	23 43	0 9	23 13	0 10	10 29	1 32	30 55	8 37	17 27	17 5	0 49		n.a.
S 23	23 42	7 35	5 6	24 13	1 12	24 43	1 11	24 17	1 6	16 14	0 41	23 43	0 9	23 14	0 10	10 29	1 32	30 56	8 37	17 25	17 4	0 46		n.a.
M24	23 43	2 44	4 43	24 27	1 17	24 39	1 13	24 12	1 6	16 13	0 41	23 43	0 9	23 14	0 10	10 28	1 32	30 56	8 37	17 24	17 3	0 44		n.a.
T 25	23 44	2n14	4 4	24 41	1 22	24 36	1 14	24 8	1 6	16 12	0 41	23 43	0 9	23 14	0 10	10 28	1 32	30 56	8 37	17 24	17 2	0 42		n.a.
W26	23 44	7 4	3 10	24 52	1 27	24 31	1 15	24 3	1 6	16 11	0 40	23 42	0 10	23 15	0 10	10 27	1 32	30 57	8 37	17 24	17 1	0 40		n.a.
T 27	23 43	11 29	2 5	25 3	1 31	24 26	1 17	23 58	1 6	16 10	0 40	23 42	0 10	23 15	0 10	10 27	1 32	30 57	8 38	17 24	17 0	0 38		n.a.
F 28	23 42	15 15	0 53	25 12	1 36	24 19	1 18	23 52	1 6	16 10	0 40	23 42	0 10	23 16	0 10	10 26	1 32	30 57	8 38	17 25	17 0	0 35		n.a.
S 29	23 41	18 7	0s21	25 20	1 40	24 12	1 19	23 46	1 6	16 9	0 40	23 41	0 10	23 16	0 10	10 26	1 32	30 58	8 38	17 25	16 59	0 33		n.a.
S 30	23 39	19 57	1 32	25 26	1 43	24 5	1 20	23 40	1 6	16 8	0 39	23 41	0 10	23 16	0 10	10 25	1 32	30 58	8 38	17 24	16 58	0 31		n.a.
M31	23s36	20n37	2s38	25s30	1s47	23s56	1s21	23s34	1s 6	16n 8	0s39	23s41	0s10	23s17	0s10	10s25	1s32	30n58	8n38	17s23	16s57	0n29		n.a.

Julian Day Number = 1620217.5, Delta T = 03h47m59s
Ecliptic obliquity = 23°43'37, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'47, Lahiri = - 7°46'46 Julian Calendar 1 Dec. 278 BCE == Greg. Calendar 27 Nov. 278 BCE

The year -277 astronomical counting style corresponds to year 278 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

JANUARY 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 22 18	6♑38'53	1♋54	0♑59	18♑31	19♑ 3	15°R42	7♑36	17♐16	7♓10	18°R31	17°R52	16♏22	18♍56	n.a.	T 1
W 2	6 26 15	7°39'47	14°50	2°40	19°46	19°50	15♉39	7°44	17°20	7°11	18♋30	17♏44	16°19	19° 3	n.a.	W 2
T 3	6 30 11	8°40'40	27°32	4°21	21° 1	20°37	15°37	7°51	17°23	7°12	18°28	17°34	16°16	19°10	n.a.	T 3
F 4	6 34 8	9°41'31	10♌ 0	6° 3	22°16	21°25	15°35	7°58	17°27	7°14	18°27	17°24	16°12	19°16	n.a.	F 4
S 5	6 38 4	10°42'22	22°15	7°45	23°31	22°12	15°33	8° 5	17°30	7°15	18°25	17°15	16° 9	19°23	n.a.	S 5
S 6	6 42 1	11°43'11	4♍19	9°29	24°46	23° 0	15°31	8°12	17°33	7°17	18°24	17° 6	16° 6	19°30	n.a.	S 6
M 7	6 45 57	12°43'59	16°14	11°13	26° 1	23°47	15°29	8°19	17°37	7°18	18°22	17° 0	16° 3	19°36	n.a.	M 7
T 8	6 49 54	13°44'45	28° 4	12°58	27°16	24°34	15°28	8°27	17°40	7°20	18°21	16°57	16° 0	19°43	n.a.	T 8
W 9	6 53 51	14°45'31	9♎55	14°44	28°31	25°22	15°26	8°34	17°43	7°21	18°20	16°D55	15°56	19°50	n.a.	W 9
T 10	6 57 47	15°46'15	21°51	16°30	29°46	26° 9	15°25	8°41	17°46	7°23	18°18	16°55	15°53	19°57	n.a.	T 10
F 11	7 1 44	16°46'59	3♏57	18°18	1♒ 1	26°56	15°25	8°48	17°50	7°24	18°17	16°56	15°50	20° 3	n.a.	F 11
S 12	7 5 40	17°47'41	16°19	20° 6	2°16	27°43	15°24	8°55	17°53	7°26	18°15	16°R56	15°47	20°10	n.a.	S 12
S 13	7 9 37	18°48'21	29° 2	21°54	3°30	28°31	15°24	9° 2	17°56	7°27	18°14	16°56	15°44	20°17	n.a.	S 13
M14	7 13 33	19°49'01	12♐ 8	23°44	4°45	29°18	15°23	9° 9	17°59	7°29	18°12	16°53	15°41	20°23	n.a.	M14
T 15	7 17 30	20°49'39	25°40	25°34	6° 0	0♒ 5	15°D23	9°17	18° 3	7°31	18°11	16°47	15°37	20°30	n.a.	T 15
W16	7 21 26	21°50'15	9♑38	27°24	7°15	0°52	15°24	9°24	18° 6	7°32	18° 9	16°39	15°34	20°37	n.a.	W16
T 17	7 25 23	22°50'50	23°57	29°15	8°30	1°40	15°24	9°31	18° 9	7°34	18° 8	16°29	15°31	20°43	n.a.	T 17
F 18	7 29 20	23°51'23	8♒33	1♒ 6	9°44	2°27	15°25	9°38	18°12	7°36	18° 7	16°18	15°28	20°50	n.a.	F 18
S 19	7 33 16	24°51'55	23°17	2°58	10°59	3°14	15°25	9°45	18°15	7°38	18° 5	16° 8	15°25	20°57	n.a.	S 19
S 20	7 37 13	25°52'24	8♓ 1	4°49	12°14	4° 1	15°26	9°52	18°18	7°39	18° 4	15°59	15°22	21° 4	n.a.	S 20
M21	7 41 9	26°52'52	22°39	6°41	13°29	4°48	15°28	9°59	18°21	7°41	18° 2	15°52	15°18	21°10	n.a.	M21
T 22	7 45 6	27°53'17	7♈ 4	8°31	14°43	5°35	15°29	10° 6	18°24	7°43	18° 1	15°48	15°15	21°17	n.a.	T 22
W23	7 49 2	28°53'41	21°14	10°22	15°58	6°23	15°30	10°13	18°27	7°45	17°59	15°47	15°12	21°24	n.a.	W23
T 24	7 52 59	29°54'02	5♉ 7	12°11	17°13	7°10	15°32	10°20	18°30	7°47	17°58	15°D46	15° 9	21°30	n.a.	T 24
F 25	7 56 55	0♒54'21	18°44	13°59	18°27	7°57	15°34	10°27	18°33	7°49	17°57	15°R47	15° 6	21°37	n.a.	F 25
S 26	8 0 52	1°54'38	2♊ 7	15°46	19°42	8°44	15°36	10°33	18°36	7°51	17°55	15°46	15° 2	21°44	n.a.	S 26
S 27	8 4 49	2°54'53	15°17	17°30	20°56	9°31	15°39	10°40	18°38	7°52	17°54	15°43	14°59	21°50	n.a.	S 27
M28	8 8 45	3°55'06	28°15	19°11	22°11	10°18	15°41	10°47	18°41	7°54	17°52	15°37	14°56	21°57	n.a.	M28
T 29	8 12 42	4°55'17	11♋ 2	20°50	23°25	11° 5	15°44	10°54	18°44	7°56	17°51	15°28	14°53	22° 4	n.a.	T 29
W30	8 16 38	5°55'25	23°39	22°25	24°40	11°52	15°47	11° 1	18°47	7°58	17°50	15°16	14°50	22°11	n.a.	W30
T 31	8 20 35	6♒55'32	6♌ 6	23♒56	25♒54	12♒38	15♉50	11♑ 7	18♐49	8♓ 0	17♋48	15♏ 2	14♏47	22♍17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s33	20n 9	3s34	25s33	1s50	23s47	1s22	23s27	1s 6	16n 7	0s39	23s40	0s10	23s17	0s10	10s24	1s32	30n59	8n38	17s22	16s56	0n27			n.a.
W 2	23 30	18 38	4 18	25 35	1 53	23 37	1 23	23 20	1 7	16 6	0 39	23 40	0 10	23 17	0 10	10 24	1 32	30 59	8 38	17 19	16 55	0 24			n.a.
T 3	23 26	16 12	4 48	25 34	1 55	23 27	1 24	23 13	1 6	16 6	0 38	23 40	0 10	23 18	0 10	10 23	1 32	30 59	8 39	17 17	16 54	0 22			n.a.
F 4	23 22	13 5	5 3	25 32	1 57	23 16	1 25	23 6	1 6	16 6	0 38	23 39	0 10	23 18	0 10	10 23	1 32	31 0	8 39	17 14	16 53	0 20			n.a.
S 5	23 17	9 28	5 5	25 28	1 59	23 4	1 26	22 58	1 6	16 5	0 38	23 39	0 10	23 18	0 10	10 22	1 32	31 0	8 39	17 11	16 52	0 18			n.a.
S 6	23 12	5 31	4 52	25 23	2 0	22 51	1 27	22 50	1 6	16 5	0 38	23 38	0 10	23 19	0 10	10 22	1 32	31 0	8 39	17 9	16 51	0 16			n.a.
M 7	23 7	1 24	4 27	25 15	2 1	22 38	1 27	22 42	1 6	16 5	0 37	23 38	0 10	23 19	0 10	10 21	1 32	31 1	8 39	17 7	16 50	0 13			n.a.
T 8	23 0	2s45	3 51	25 6	2 1	22 23	1 28	22 33	1 6	16 4	0 37	23 38	0 10	23 19	0 11	10 20	1 32	31 1	8 39	17 6	16 49	0 11			n.a.
W 9	22 54	6 48	3 5	24 55	2 1	22 9	1 28	22 24	1 6	16 4	0 37	23 37	0 11	23 20	0 11	10 20	1 32	31 1	8 39	17 5	16 48	0 9			n.a.
T 10	22 47	10 37	2 10	24 42	2 1	21 53	1 29	22 16	1 6	16 4	0 37	23 37	0 11	23 20	0 11	10 19	1 32	31 2	8 39	17 5	16 48	0 7			n.a.
F 11	22 40	14 4	1 9	24 27	2 0	21 37	1 29	22 6	1 6	16 4	0 37	23 37	0 11	23 20	0 11	10 19	1 32	31 2	8 39	17 6	16 47	0 5			n.a.
S 12	22 32	16 58	0 3	24 9	1 59	21 21	1 29	21 57	1 6	16 4	0 36	23 36	0 11	23 21	0 11	10 18	1 32	31 2	8 39	17 6	16 46	0 2			n.a.
S 13	22 23	19 8	1n 4	23 50	1 57	21 3	1 30	21 47	1 6	16 4	0 36	23 36	0 11	23 21	0 11	10 17	1 32	31 2	8 40	17 6	16 45	0 0			n.a.
M14	22 15	20 22	2 10	23 29	1 54	20 46	1 30	21 37	1 6	16 5	0 36	23 35	0 11	23 21	0 11	10 17	1 32	31 3	8 40	17 5	16 44	0s 2			n.a.
T 15	22 5	20 28	3 11	23 6	1 51	20 27	1 30	21 27	1 6	16 5	0 36	23 35	0 11	23 21	0 11	10 16	1 32	31 3	8 40	17 3	16 43	0 4			n.a.
W16	21 56	19 21	4 2	22 41	1 48	20 8	1 30	21 16	1 6	16 5	0 35	23 34	0 11	23 22	0 11	10 15	1 32	31 3	8 40	17 1	16 42	0 6			n.a.
T 17	21 46	16 59	4 40	22 14	1 43	19 48	1 30	21 6	1 6	16 5	0 35	23 34	0 11	23 22	0 11	10 15	1 32	31 4	8 40	16 58	16 41	0 9			n.a.
F 18	21 36	13 31	5 0	21 45	1 38	19 28	1 30	20 55	1 6	16 6	0 35	23 34	0 11	23 22	0 11	10 14	1 31	31 4	8 40	16 55	16 40	0 11			n.a.
S 19	21 25	9 12	5 0	21 14	1 33	19 7	1 30	20 44	1 6	16 6	0 35	23 33	0 11	23 23	0 11	10 13	1 31	31 4	8 40	16 52	16 39	0 13			n.a.
S 20	21 14	4 20	4 41	20 41	1 27	18 46	1 30	20 32	1 5	16 7	0 34	23 33	0 11	23 23	0 11	10 13	1 31	31 4	8 40	16 49	16 38	0 15			n.a.
M21	21 2	0n46	4 3	20 7	1 20	18 24	1 29	20 21	1 5	16 7	0 34	23 32	0 12	23 23	0 11	10 12	1 31	31 5	8 40	16 47	16 37	0 17			n.a.
T 22	20 50	5 44	3 10	19 31	1 12	18 2	1 29	20 9	1 5	16 8	0 34	23 32	0 12	23 23	0 11	10 11	1 31	31 5	8 40	16 46	16 36	0 19			n.a.
W23	20 38	10 20	2 6	18 53	1 4	17 39	1 29	19 57	1 5	16 9	0 34	23 31	0 12	23 24	0 11	10 10	1 31	31 5	8 40	16 46	16 35	0 22			n.a.
T 24	20 25	14 16	0 56	18 13	0 55	17 16	1 28	19 45	1 5	16 9	0 33	23 31	0 12	23 24	0 11	10 10	1 31	31 5	8 40	16 46	16 34	0 24			n.a.
F 25	20 12	17 21	0s16	17 33	0 45	16 52	1 28	19 32	1 5	16 10	0 33	23 30	0 12	23 24	0 11	10 9	1 31	31 6	8 40	16 46	16 33	0 26			n.a.
S 26	19 58	19 26	1 25	16 51	0 35	16 28	1 27	19 20	1 5	16 11	0 33	23 30	0 12	23 25	0 11	10 8	1 31	31 6	8 40	16 45	16 33	0 28			n.a.
S 27	19 45	20 26	2 29	16 9	0 24	16 3	1 26	19 7	1 4	16 12	0 33	23 29	0 12	23 25	0 11	10 7	1 31	31 6	8 40	16 44	16 32	0 30			n.a.
M28	19 30	20 18	3 24	15 26	0 12	15 38	1 26	18 54	1 4	16 13	0 32	23 29	0 12	23 25	0 11	10 7	1 31	31 6	8 40	16 43	16 31	0 33			n.a.
T 29	19 16	19 8	4 8	14 43	0n 1	15 13	1 25	18 41	1 4	16 14	0 32	23 29	0 12	23 25	0 11	10 6	1 31	31 6	8 40	16 40	16 30	0 35			n.a.
W30	19 1	17 3	4 39	14 0	0 14	14 47	1 24	18 28	1 4	16 15	0 32	23 28	0 12	23 26	0 11	10 5	1 31	31 7	8 40	16 37	16 29	0 37			n.a.
T 31	18s46	14n11	4s56	13s17	0n27	14s20	1s23	18s14	1s 4	16n16	0s32	23s28	0s12	23s26	0s11	10s 4	1s31	31n 7	8n40	16s33	16s28	0s39			n.a.

Julian Day Number = 1620248.5, Delta T = 03h47m58s
Ecliptic obliquity = 23°43'37, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'42, Lahiri = - 7°46'42 Julian Calendar 1 Jan. 277 BCE == Greg. Calendar 28 Dec. 278 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

FEBRUARY 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 24 31	7♒55'37	18♌23	25♒21	27♒ 8	13♒25	15♉53	11♋14	18♐52	8♓ 2	17°R47	14°R48	14♏43	22♍24	n.a.	F 1
S 2	8 28 28	8°55'39	0♍31	26°42	28°23	14°12	15°57	11°21	18°55	8° 4	17♋46	14♏34	14°40	22°31	n.a.	S 2
S 3	8 32 24	9°55'40	12°30	27°56	29°37	14°59	16° 1	11°27	18°57	8° 6	17°44	14°22	14°37	22°37	n.a.	S 3
M 4	8 36 21	10°55'39	24°23	29° 4	0♓51	15°46	16° 4	11°34	19° 0	8° 8	17°43	14°12	14°34	22°44	n.a.	M 4
T 5	8 40 18	11°55'36	6♎12	0♓ 5	2° 5	16°32	16° 9	11°40	19° 2	8°11	17°42	14° 6	14°31	22°51	n.a.	T 5
W 6	8 44 14	12°55'32	18° 1	0°59	3°20	17°19	16°13	11°47	19° 5	8°13	17°40	14° 2	14°27	22°57	n.a.	W 6
T 7	8 48 11	13°55'25	29°55	1°45	4°34	18° 6	16°17	11°53	19° 7	8°15	17°39	14° 0	14°24	23° 4	n.a.	T 7
F 8	8 52 7	14°55'17	11♏59	2°22	5°48	18°52	16°22	12° 0	19° 9	8°17	17°38	13°59	14°21	23°11	n.a.	F 8
S 9	8 56 4	15°55'07	24°18	2°51	7° 2	19°39	16°26	12° 6	19°12	8°19	17°36	13°59	14°18	23°17	n.a.	S 9
S 10	9 0 0	16°54'55	6♐57	3°11	8°16	20°26	16°31	12°13	19°14	8°21	17°35	13°58	14°15	23°24	n.a.	S 10
M11	9 3 57	17°54'41	20° 2	3°23	9°30	21°12	16°36	12°19	19°16	8°23	17°34	13°55	14°12	23°31	n.a.	M11
T 12	9 7 53	18°54'26	3♑35	3°R26	10°44	21°59	16°42	12°25	19°19	8°25	17°33	13°50	14° 8	23°38	n.a.	T 12
W13	9 11 50	19°54'09	17°37	3°20	11°58	22°45	16°47	12°31	19°21	8°28	17°32	13°42	14° 5	23°44	n.a.	W13
T 14	9 15 46	20°53'50	2♒ 6	3° 6	13°12	23°32	16°53	12°38	19°23	8°30	17°30	13°31	14° 2	23°51	n.a.	T 14
F 15	9 19 43	21°53'28	16°58	2°44	14°26	24°18	16°58	12°44	19°25	8°32	17°29	13°20	13°59	23°58	n.a.	F 15
S 16	9 23 40	22°53'05	2♓ 2	2°16	15°40	25° 4	17° 4	12°50	19°27	8°34	17°28	13° 8	13°56	24° 4	n.a.	S 16
S 17	9 27 36	23°52'39	17°10	1°40	16°54	25°51	17°10	12°56	19°29	8°36	17°27	12°59	13°53	24°11	n.a.	S 17
M18	9 31 33	24°52'11	2♈10	0°59	18° 8	26°37	17°17	13° 2	19°31	8°39	17°26	12°51	13°49	24°18	n.a.	M18
T 19	9 35 29	25°51'41	16°56	0°14	19°21	27°23	17°23	13° 8	19°33	8°41	17°25	12°47	13°46	24°24	n.a.	T 19
W20	9 39 26	26°51'08	1♉20	29♒25	20°35	28°10	17°29	13°14	19°35	8°43	17°24	12°45	13°43	24°31	n.a.	W20
T 21	9 43 22	27°50'33	15°22	28°33	21°49	28°56	17°36	13°19	19°37	8°45	17°23	12°D44	13°40	24°38	n.a.	T 21
F 22	9 47 19	28°49'56	29° 1	27°40	23° 2	29°42	17°43	13°25	19°39	8°47	17°22	12°R44	13°37	24°44	n.a.	F 22
S 23	9 51 15	29°49'16	12♊19	26°47	24°16	0♓28	17°50	13°31	19°40	8°50	17°21	12°44	13°33	24°51	n.a.	S 23
S 24	9 55 12	0♓48'34	25°19	25°54	25°29	1°14	17°57	13°37	19°42	8°52	17°20	12°41	13°30	24°58	n.a.	S 24
M25	9 59 9	1°47'49	8♋ 3	25° 3	26°43	2° 0	18° 4	13°42	19°44	8°54	17°19	12°36	13°27	25° 5	n.a.	M25
T 26	10 3 5	2°47'02	20°35	24°15	27°56	2°46	18°12	13°48	19°45	8°56	17°18	12°29	13°24	25°11	n.a.	T 26
W27	10 7 2	3°46'13	2♌56	23°31	29°10	3°32	18°19	13°53	19°47	8°59	17°17	12°18	13°21	25°18	n.a.	W27
T 28	10 10 58	4°45'21	15° 9	22°50	0♈23	4°18	18°27	13°59	19°49	9° 1	17°16	12° 6	13°18	25°25	n.a.	T 28
F 29	10 14 55	5♓44'27	27♌14	22♒15	1♈36	5♓ 4	18♉35	14♋ 4	19♐50	9♓ 3	17♋15	11♏54	13♏14	25♍31	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s30	10n45	4s59	12s35	0n41	13s54	1s22	18s 0	1s 3	16n17	0s32	23s27	0s12	23s26	0s11	10s 4	1s31	31n 7	8n40	16s28	16s27	0s41		n.a.
S 2	18 15	6 56	4 49	11 54	0 55	13 27	1 21	17 46	1 3	16 19	0 31	23 27	0 12	23 26	0 11	10 3	1 31	31 7	8 40	16 24	16 26	0 43		n.a.
S 3	17 58	2 52	4 25	11 14	1 10	12 59	1 20	17 32	1 3	16 20	0 31	23 26	0 13	23 27	0 11	10 2	1 31	31 7	8 40	16 21	16 25	0 46		n.a.
M 4	17 42	1s16	3 50	10 37	1 25	12 32	1 19	17 18	1 3	16 21	0 31	23 26	0 13	23 27	0 11	10 1	1 31	31 8	8 40	16 18	16 24	0 48		n.a.
T 5	17 25	5 19	3 6	10 2	1 39	12 4	1 17	17 4	1 3	16 23	0 31	23 25	0 13	23 27	0 11	10 0	1 31	31 8	8 40	16 16	16 23	0 50		n.a.
W 6	17 8	9 12	2 13	9 29	1 54	11 35	1 16	16 49	1 2	16 24	0 30	23 25	0 13	23 27	0 11	10 0	1 31	31 8	8 40	16 14	16 22	0 52		n.a.
T 7	16 51	12 44	1 14	8 59	2 8	11 7	1 15	16 34	1 2	16 26	0 30	23 24	0 13	23 27	0 11	9 59	1 31	31 8	8 40	16 14	16 21	0 54		n.a.
F 8	16 33	15 47	0 11	8 33	2 22	10 38	1 13	16 19	1 2	16 27	0 30	23 24	0 13	23 28	0 11	9 58	1 31	31 8	8 40	16 14	16 20	0 56		n.a.
S 9	16 15	18 12	0n54	8 10	2 36	10 8	1 12	16 4	1 2	16 29	0 30	23 23	0 13	23 28	0 11	9 57	1 31	31 8	8 40	16 14	16 19	0 59		n.a.
S 10	15 57	19 47	1 58	7 51	2 48	9 39	1 10	15 49	1 1	16 30	0 30	23 23	0 13	23 28	0 11	9 56	1 31	31 8	8 40	16 13	16 18	1 1		n.a.
M11	15 39	20 23	2 58	7 35	3 0	9 9	1 8	15 34	1 1	16 32	0 29	23 22	0 13	23 28	0 11	9 56	1 31	31 9	8 40	16 12	16 17	1 3		n.a.
T 12	15 20	19 50	3 50	7 24	3 11	8 39	1 7	15 18	1 1	16 34	0 29	23 22	0 13	23 28	0 11	9 55	1 31	31 9	8 40	16 11	16 16	1 5		n.a.
W13	15 1	18 5	4 31	7 17	3 21	8 9	1 5	15 3	1 1	16 35	0 29	23 21	0 13	23 29	0 11	9 54	1 31	31 9	8 40	16 8	16 15	1 7		n.a.
T 14	14 42	15 8	4 55	7 15	3 29	7 39	1 3	14 47	1 0	16 37	0 29	23 21	0 14	23 29	0 11	9 53	1 31	31 9	8 40	16 5	16 15	1 9		n.a.
F 15	14 23	11 10	5 0	7 16	3 35	7 8	1 1	14 31	1 0	16 39	0 29	23 20	0 14	23 29	0 11	9 52	1 31	31 9	8 40	16 2	16 14	1 11		n.a.
S 16	14 3	6 27	4 45	7 22	3 40	6 38	0 59	14 15	1 0	16 41	0 28	23 20	0 14	23 29	0 11	9 51	1 31	31 9	8 40	15 58	16 13	1 14		n.a.
S 17	13 43	1 18	4 9	7 32	3 44	6 7	0 57	13 59	0 59	16 43	0 28	23 19	0 14	23 29	0 11	9 51	1 31	31 9	8 40	15 55	16 12	1 16		n.a.
M18	13 23	3n53	3 17	7 45	3 45	5 36	0 55	13 43	0 59	16 45	0 28	23 19	0 14	23 30	0 11	9 50	1 31	31 9	8 39	15 53	16 11	1 18		n.a.
T 19	13 3	8 45	2 12	8 1	3 45	5 5	0 53	13 27	0 59	16 47	0 28	23 18	0 14	23 30	0 11	9 49	1 31	31 9	8 39	15 52	16 10	1 20		n.a.
W20	12 43	13 1	1 0	8 21	3 42	4 33	0 51	13 10	0 58	16 49	0 28	23 18	0 14	23 30	0 11	9 48	1 31	31 9	8 39	15 51	16 9	1 22		n.a.
T 21	12 22	16 25	0s14	8 43	3 38	4 2	0 49	12 54	0 58	16 51	0 27	23 17	0 14	23 30	0 11	9 47	1 31	31 9	8 39	15 51	16 8	1 24		n.a.
F 22	12 1	18 48	1 25	9 7	3 32	3 31	0 47	12 37	0 58	16 53	0 27	23 17	0 14	23 30	0 11	9 46	1 31	31 9	8 39	15 51	16 7	1 26		n.a.
S 23	11 40	20 4	2 30	9 32	3 24	2 59	0 44	12 20	0 57	16 55	0 27	23 16	0 14	23 30	0 11	9 45	1 31	31 10	8 39	15 51	16 6	1 29		n.a.
S 24	11 19	20 13	3 26	9 59	3 15	2 27	0 42	12 3	0 57	16 57	0 27	23 16	0 14	23 31	0 11	9 45	1 31	31 10	8 39	15 50	16 5	1 31		n.a.
M25	10 58	19 20	4 10	10 26	3 4	1 56	0 40	11 46	0 57	17 0	0 27	23 15	0 15	23 31	0 11	9 44	1 31	31 10	8 39	15 48	16 4	1 33		n.a.
T 26	10 36	17 30	4 41	10 54	2 52	1 24	0 37	11 29	0 56	17 2	0 26	23 15	0 15	23 31	0 11	9 43	1 31	31 10	8 39	15 46	16 3	1 35		n.a.
W27	10 15	14 54	4 58	11 21	2 39	0 52	0 35	11 12	0 56	17 4	0 26	23 14	0 15	23 31	0 11	9 42	1 31	31 10	8 39	15 43	16 2	1 37		n.a.
T 28	9 53	11 41	5 2	11 47	2 25	0 20	0 32	10 55	0 56	17 7	0 26	23 14	0 15	23 31	0 11	9 41	1 31	31 10	8 39	15 39	16 1	1 39		n.a.
F 29	9s31	8n 1	4s51	12s12	2n11	0n11	0s30	10s38	0s55	17n 9	0s26	23s13	0s15	23s31	0s11	9s40	1s31	31n10	8n38	15s35	16s 0	1s41		n.a.

Julian Day Number = 1620279.5, Delta T = 03h47m57s
Ecliptic obliquity = 23°43'37, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'38, Lahiri = - 7°46'38 Julian Calendar 1 Feb. 277 BCE == Greg. Calendar 28 Jan. 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

MARCH 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 18 51	6♓43'31	9♍13	21°R44	2♈50	5♓49	18♉43	14♑ 9	19♐51	9♓ 5	17°R14	11°R42	13♏11	25♍38	n.a.	S 1
S 2	10 22 48	7°42'32	21° 7	21♒19	4° 3	6°35	18°51	14°15	19°53	9° 8	17♋13	11♏31	13° 8	25°45	n.a.	S 2
M 3	10 26 44	8°41'32	2♎57	20°59	5°16	7°21	18°59	14°20	19°54	9°10	17°12	11°22	13° 5	25°51	n.a.	M 3
T 4	10 30 41	9°40'29	14°46	20°45	6°29	8° 7	19° 7	14°25	19°55	9°12	17°12	11°16	13° 2	25°58	n.a.	T 4
W 5	10 34 37	10°39'25	26°37	20°37	7°42	8°52	19°16	14°30	19°57	9°15	17°11	11°13	12°59	26° 5	n.a.	W 5
T 6	10 38 34	11°38'19	8♏32	20°D34	8°55	9°38	19°24	14°35	19°58	9°17	17°10	11°D11	12°55	26°11	n.a.	T 6
F 7	10 42 31	12°37'10	20°36	20°36	10° 8	10°23	19°33	14°40	19°59	9°19	17° 9	11°12	12°52	26°18	n.a.	F 7
S 8	10 46 27	13°36'00	2♐54	20°44	11°21	11° 9	19°42	14°45	20° 0	9°21	17° 9	11°13	12°49	26°25	n.a.	S 8
S 9	10 50 24	14°34'49	15°30	20°57	12°34	11°54	19°51	14°49	20° 1	9°24	17° 8	11°R13	12°46	26°31	n.a.	S 9
M10	10 54 20	15°33'35	28°30	21°15	13°47	12°40	20° 0	14°54	20° 2	9°26	17° 7	11°12	12°43	26°38	n.a.	M10
T 11	10 58 17	16°32'20	11♑57	21°38	14°59	13°25	20° 9	14°59	20° 3	9°28	17° 7	11° 9	12°39	26°45	n.a.	T 11
W12	11 2 13	17°31'03	25°54	22° 5	16°12	14°10	20°19	15° 3	20° 4	9°30	17° 6	11° 5	12°36	26°52	n.a.	W12
T 13	11 6 10	18°29'44	10♒19	22°36	17°25	14°55	20°28	15° 8	20° 5	9°33	17° 6	10°58	12°33	26°58	n.a.	T 13
F 14	11 10 6	19°28'23	25° 9	23°12	18°37	15°41	20°38	15°12	20° 6	9°35	17° 5	10°50	12°30	27° 5	n.a.	F 14
S 15	11 14 3	20°27'00	10♓17	23°52	19°50	16°26	20°47	15°16	20° 6	9°37	17° 5	10°42	12°27	27°12	n.a.	S 15
S 16	11 18 0	21°25'35	25°33	24°35	21° 2	17°11	20°57	15°21	20° 7	9°39	17° 4	10°35	12°24	27°18	n.a.	S 16
M17	11 21 56	22°24'08	10♈47	25°22	22°15	17°56	21° 7	15°25	20° 8	9°42	17° 4	10°30	12°20	27°25	n.a.	M17
T 18	11 25 53	23°22'39	25°47	26°12	23°27	18°41	21°17	15°29	20° 8	9°44	17° 3	10°27	12°17	27°32	n.a.	T 18
W19	11 29 49	24°21'08	10♉27	27° 5	24°39	19°26	21°27	15°33	20° 9	9°46	17° 3	10°D27	12°14	27°38	n.a.	W19
T 20	11 33 46	25°19'35	24°43	28° 2	25°52	20°11	21°37	15°37	20° 9	9°48	17° 2	10°27	12°11	27°45	n.a.	T 20
F 21	11 37 42	26°17'59	8♊31	29° 1	27° 4	20°56	21°47	15°41	20°10	9°50	17° 2	10°28	12° 8	27°52	n.a.	F 21
S 22	11 41 39	27°16'21	21°55	0♓ 4	28°16	21°41	21°58	15°44	20°10	9°53	17° 2	10°R29	12° 4	27°58	n.a.	S 22
S 23	11 45 35	28°14'42	4♋55	1° 8	29°28	22°25	22° 8	15°48	20°10	9°55	17° 1	10°29	12° 1	28° 5	n.a.	S 23
M24	11 49 32	29°12'59	17°36	2°16	0♉40	23°10	22°19	15°52	20°11	9°57	17° 1	10°28	11°58	28°12	n.a.	M24
T 25	11 53 28	0♈11'15	0♌ 1	3°26	1°52	23°55	22°29	15°55	20°11	9°59	17° 1	10°24	11°55	28°18	n.a.	T 25
W26	11 57 25	1° 9'29	12°14	4°39	3° 4	24°39	22°40	15°59	20°11	10° 1	17° 1	10°19	11°52	28°25	n.a.	W26
T 27	12 1 22	2° 7'40	24°17	5°53	4°16	25°24	22°51	16° 2	20°11	10° 3	17° 0	10°13	11°49	28°32	n.a.	T 27
F 28	12 5 18	3° 5'49	6♍14	7°10	5°28	26° 8	23° 2	16° 5	20°11	10° 6	17° 0	10° 6	11°45	28°38	n.a.	F 28
S 29	12 9 15	4° 3'57	18° 7	8°30	6°39	26°53	23°13	16° 8	20°R11	10° 8	17° 0	9°59	11°42	28°45	n.a.	S 29
S 30	12 13 11	5° 2'02	29°57	9°51	7°51	27°37	23°24	16°12	20°11	10°10	17° 0	9°53	11°39	28°52	n.a.	S 30
M31	12 17 8	6♈ 0'06	11♎47	11♓15	9♉ 2	28♓22	23♉35	16♑15	20♐11	10♓12	17♋ 0	9♏49	11♏36	28♍58	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s 9	4n 4	4s29	12s36	1n56	0n43	0s27	10s20	0s55	17n11	0s26	23s13	0s15	23s31	0s11	9s39	1s31	31n10	8n38	15s31	15s59	1s44		n.a.
S 2	8 47	0s 1	3 54	12 59	1 41	1 15	0 25	10 3	0 55	17 14	0 25	23 12	0 15	23 31	0 11	9 39	1 31	31 10	8 38	15 28	15 58	1 46		n.a.
M 3	8 24	4 5	3 9	13 20	1 25	1 47	0 22	9 45	0 54	17 16	0 25	23 12	0 15	23 32	0 11	9 38	1 31	31 10	8 38	15 25	15 57	1 48		n.a.
T 4	8 2	7 59	2 16	13 39	1 10	2 19	0 19	9 28	0 54	17 19	0 25	23 11	0 15	23 32	0 11	9 37	1 31	31 10	8 38	15 23	15 56	1 50		n.a.
W 5	7 40	11 35	1 17	13 56	0 55	2 50	0 16	9 10	0 53	17 21	0 25	23 11	0 15	23 32	0 11	9 36	1 31	31 10	8 38	15 22	15 55	1 52		n.a.
T 6	7 17	14 44	0 14	14 11	0 40	3 22	0 14	8 52	0 53	17 24	0 25	23 11	0 16	23 32	0 11	9 35	1 31	31 10	8 38	15 22	15 54	1 54		n.a.
F 7	6 54	17 18	0n50	14 24	0 25	3 54	0 11	8 34	0 53	17 26	0 24	23 10	0 16	23 32	0 11	9 34	1 31	31 10	8 38	15 22	15 53	1 56		n.a.
S 8	6 31	19 8	1 54	14 35	0 11	4 25	0 8	8 17	0 52	17 29	0 24	23 10	0 16	23 32	0 11	9 33	1 31	31 10	8 37	15 22	15 52	1 58		n.a.
S 9	6 8	20 3	2 53	14 44	0s 3	4 56	0 5	7 59	0 52	17 32	0 24	23 9	0 16	23 32	0 11	9 33	1 31	31 10	8 37	15 23	15 51	2 1		n.a.
M10	5 46	19 57	3 46	14 51	0 16	5 28	0 2	7 41	0 51	17 34	0 24	23 9	0 16	23 32	0 12	9 32	1 31	31 10	8 37	15 22	15 50	2 3		n.a.
T 11	5 22	18 44	4 28	14 55	0 29	5 59	0n 0	7 23	0 51	17 37	0 24	23 8	0 16	23 32	0 12	9 31	1 31	31 9	8 37	15 21	15 49	2 5		n.a.
W12	4 59	16 22	4 56	14 58	0 41	6 30	0 3	7 5	0 51	17 39	0 24	23 8	0 16	23 33	0 12	9 30	1 31	31 9	8 37	15 20	15 48	2 7		n.a.
T 13	4 36	12 57	5 7	14 59	0 53	7 1	0 6	6 47	0 50	17 42	0 23	23 8	0 16	23 33	0 12	9 29	1 31	31 9	8 37	15 18	15 47	2 9		n.a.
F 14	4 13	8 38	4 57	14 57	1 4	7 31	0 9	6 28	0 50	17 45	0 23	23 7	0 16	23 33	0 12	9 28	1 31	31 9	8 37	15 15	15 46	2 11		n.a.
S 15	3 50	3 41	4 27	14 54	1 15	8 2	0 12	6 10	0 49	17 48	0 23	23 7	0 16	23 33	0 12	9 28	1 31	31 9	8 37	15 13	15 45	2 13		n.a.
S 16	3 26	1n32	3 38	14 49	1 24	8 32	0 15	5 52	0 49	17 50	0 23	23 6	0 17	23 33	0 12	9 27	1 31	31 9	8 36	15 11	15 44	2 15		n.a.
M17	3 3	6 39	2 33	14 41	1 34	9 3	0 18	5 34	0 48	17 53	0 23	23 6	0 17	23 33	0 12	9 26	1 31	31 9	8 36	15 9	15 43	2 18		n.a.
T 18	2 40	11 18	1 18	14 32	1 42	9 33	0 21	5 16	0 48	17 56	0 23	23 6	0 17	23 33	0 12	9 25	1 31	31 9	8 36	15 8	15 42	2 20		n.a.
W19	2 16	15 8	0s 0	14 21	1 50	10 2	0 24	4 58	0 48	17 59	0 22	23 5	0 17	23 33	0 12	9 24	1 31	31 9	8 36	15 8	15 42	2 22		n.a.
T 20	1 53	17 56	1 16	14 8	1 58	10 32	0 27	4 39	0 47	18 2	0 22	23 5	0 17	23 33	0 12	9 23	1 31	31 9	8 36	15 8	15 41	2 24		n.a.
F 21	1 29	19 35	2 26	13 54	2 5	11 1	0 30	4 21	0 47	18 4	0 22	23 5	0 17	23 33	0 12	9 23	1 31	31 9	8 36	15 8	15 40	2 26		n.a.
S 22	1 6	20 3	3 26	13 37	2 11	11 30	0 33	4 3	0 46	18 7	0 22	23 4	0 17	23 33	0 12	9 22	1 31	31 9	8 35	15 9	15 39	2 28		n.a.
S 23	0 42	19 26	4 13	13 19	2 17	11 59	0 36	3 44	0 46	18 10	0 22	23 4	0 17	23 33	0 12	9 21	1 31	31 8	8 35	15 9	15 38	2 30		n.a.
M24	0 19	17 50	4 46	12 59	2 21	12 27	0 39	3 26	0 45	18 13	0 22	23 4	0 17	23 33	0 12	9 20	1 31	31 8	8 35	15 8	15 37	2 32		n.a.
T 25	0n 5	15 25	5 5	12 38	2 26	12 56	0 42	3 8	0 45	18 16	0 21	23 3	0 17	23 33	0 12	9 19	1 31	31 8	8 35	15 7	15 36	2 34		n.a.
W26	0 28	12 23	5 10	12 14	2 30	13 23	0 45	2 49	0 44	18 19	0 21	23 3	0 18	23 33	0 12	9 18	1 31	31 8	8 35	15 5	15 35	2 36		n.a.
T 27	0 51	8 51	5 1	11 49	2 33	13 51	0 48	2 31	0 44	18 22	0 21	23 3	0 18	23 33	0 12	9 18	1 31	31 8	8 35	15 3	15 34	2 39		n.a.
F 28	1 15	5 1	4 39	11 23	2 35	14 18	0 51	2 13	0 43	18 25	0 21	23 2	0 18	23 33	0 12	9 17	1 31	31 8	8 34	15 1	15 33	2 41		n.a.
S 29	1 38	1 0	4 5	10 55	2 37	14 45	0 54	1 54	0 43	18 28	0 21	23 2	0 18	23 33	0 12	9 16	1 31	31 8	8 34	14 59	15 32	2 43		n.a.
S 30	2 1	3s 2	3 20	10 25	2 39	15 12	0 57	1 36	0 42	18 31	0 21	23 2	0 18	23 33	0 12	9 15	1 31	31 8	8 34	14 57	15 31	2 45		n.a.
M31	2n25	6s58	2s27	9s53	2s40	15n38	1n 0	1s18	0s42	18n34	0s21	23s 2	0s18	23s33	0s12	9s15	1s31	31n 7	8n34	14s56	15s30	2s47		n.a.

Julian Day Number = 1620308.5, Delta T = 03h47m56s
Ecliptic obliquity = 23°43'37, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'34, Lahiri = - 7°46'34 Julian Calendar 1 March 277 BCE == Greg. Calendar 26 Feb. 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

APRIL 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 21 4	6♈58'08	23♎38	12♓41	10♉14	29♓ 6	23♉46	16♑18	20°R11	10♓14	17°R 0	9°R46	11♏33	29♍ 5	n.a.	T 1
W 2	12 25 1	7°56'09	5♏34	14° 8	11°25	29°50	23°57	16°20	20♐11	10°16	17♋ 0	9°D45	11°30	29°12	n.a.	W 2
T 3	12 28 57	8°54'07	17°35	15°38	12°36	0♈34	24° 9	16°23	20°11	10°18	17°D 0	9♏45	11°26	29°19	n.a.	T 3
F 4	12 32 54	9°52'05	29°46	17°10	13°48	1°18	24°20	16°26	20°11	10°20	17° 0	9°46	11°23	29°25	n.a.	F 4
S 5	12 36 51	10°50'01	12♐ 9	18°44	14°59	2° 2	24°32	16°28	20°10	10°22	17° 0	9°48	11°20	29°32	n.a.	S 5
S 6	12 40 47	11°47'55	24°48	20°20	16°10	2°46	24°43	16°31	20°10	10°24	17° 0	9°49	11°17	29°39	n.a.	S 6
M 7	12 44 44	12°45'48	7♑48	21°57	17°21	3°30	24°55	16°33	20° 9	10°26	17° 0	9°R50	11°14	29°45	n.a.	M 7
T 8	12 48 40	13°43'40	21°10	23°37	18°32	4°14	25° 7	16°35	20° 9	10°28	17° 0	9°50	11°10	29°52	n.a.	T 8
W 9	12 52 37	14°41'30	4♒58	25°19	19°43	4°58	25°18	16°38	20° 8	10°30	17° 0	9°49	11° 7	29°59	n.a.	W 9
T 10	12 56 33	15°39'19	19°12	27° 2	20°54	5°42	25°30	16°40	20° 8	10°32	17° 1	9°47	11° 4	0♎ 5	n.a.	T 10
F 11	13 0 30	16°37'07	3♓49	28°48	22° 4	6°26	25°42	16°42	20° 7	10°34	17° 1	9°44	11° 1	0°12	n.a.	F 11
S 12	13 4 26	17°34'54	18°45	0♈36	23°15	7°10	25°54	16°44	20° 7	10°36	17° 1	9°41	10°58	0°19	n.a.	S 12
S 13	13 8 23	18°32'39	3♈52	2°25	24°26	7°53	26° 6	16°45	20° 6	10°38	17° 1	9°38	10°55	0°25	n.a.	S 13
M14	13 12 19	19°30'22	19° 2	4°17	25°36	8°37	26°19	16°47	20° 5	10°40	17° 2	9°36	10°51	0°32	n.a.	M14
T 15	13 16 16	20°28'05	4♉ 4	6°10	26°46	9°20	26°31	16°49	20° 4	10°41	17° 2	9°D35	10°48	0°39	n.a.	T 15
W16	13 20 13	21°25'46	18°50	8° 6	27°57	10° 4	26°43	16°50	20° 4	10°43	17° 2	9°36	10°45	0°45	n.a.	W16
T 17	13 24 9	22°23'25	3♊14	10° 3	29° 7	10°47	26°55	16°52	20° 3	10°45	17° 3	9°36	10°42	0°52	n.a.	T 17
F 18	13 28 6	23°21'03	17°13	12° 2	0♊17	11°31	27° 8	16°53	20° 2	10°47	17° 3	9°38	10°39	0°59	n.a.	F 18
S 19	13 32 2	24°18'39	0♋45	14° 3	1°27	12°14	27°20	16°54	20° 1	10°49	17° 4	9°39	10°35	1° 5	n.a.	S 19
S 20	13 35 59	25°16'14	13°51	16° 6	2°37	12°57	27°33	16°56	20° 0	10°50	17° 4	9°40	10°32	1°12	n.a.	S 20
M21	13 39 55	26°13'47	26°35	18°11	3°47	13°41	27°45	16°57	19°59	10°52	17° 5	9°R40	10°29	1°19	n.a.	M21
T 22	13 43 52	27°11'18	9♌ 0	20°17	4°57	14°24	27°58	16°58	19°58	10°54	17° 5	9°40	10°26	1°25	n.a.	T 22
W23	13 47 48	28° 8'48	21°11	22°24	6° 7	15° 7	28°10	16°58	19°56	10°55	17° 6	9°39	10°23	1°32	n.a.	W23
T 24	13 51 45	29° 6'17	3♍10	24°33	7°16	15°50	28°23	16°59	19°55	10°57	17° 6	9°38	10°20	1°39	n.a.	T 24
F 25	13 55 42	0♎ 3'44	15° 3	26°43	8°26	16°33	28°36	17° 0	19°54	10°59	17° 7	9°36	10°16	1°45	n.a.	F 25
S 26	13 59 38	1° 1'09	26°53	28°53	9°35	17°16	28°48	17° 0	19°53	11° 0	17° 7	9°35	10°13	1°52	n.a.	S 26
S 27	14 3 35	1°58'34	8♏43	1♉ 4	10°44	17°59	29° 1	17° 1	19°51	11° 2	17° 8	9°34	10°10	1°59	n.a.	S 27
M28	14 7 31	2°55'57	20°35	3°16	11°53	18°42	29°14	17° 1	19°50	11° 4	17° 9	9°33	10° 7	2° 5	n.a.	M28
T 29	14 11 28	3°53'19	2♏32	5°28	13° 2	19°25	29°27	17° 1	19°49	11° 5	17° 9	9°33	10° 4	2°12	n.a.	T 29
W30	14 15 24	4♉50'41	14♏36	7♉39	14♊11	20♈ 7	29♉40	17♑ 2	19♐47	11♓ 7	17♋10	9°D33	10♏ 1	2♎19	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n48	10s38	1s27	9s20	2s40	16n 4	1n 3	1s 0	0s41	18n37	0s20	23s 1	0s18	23s33	0s12	9s14	1s31	31n 7	8n34	14s55	15s29	2s49		n.a.
W 2	3 11	13 54	0 23	8 46	2 40	16 29	1 6	0 41	0 41	18 40	0 20	23 1	0 18	23 33	0 12	9 13	1 31	31 7	8 34	14 54	15 28	2 51		n.a.
T 3	3 34	16 36	0n43	8 10	2 39	16 54	1 9	0 23	0 40	18 43	0 20	23 1	0 18	23 33	0 12	9 12	1 32	31 7	8 33	14 55	15 27	2 53		n.a.
F 4	3 57	18 35	1 48	7 32	2 37	17 18	1 12	0 5	0 40	18 46	0 20	23 1	0 19	23 33	0 12	9 12	1 32	31 7	8 33	14 55	15 26	2 55		n.a.
S 5	4 20	19 44	2 49	6 53	2 35	17 43	1 15	0n13	0 39	18 49	0 20	23 0	0 19	23 33	0 12	9 11	1 32	31 7	8 33	14 55	15 25	2 57		n.a.
S 6	4 43	19 55	3 43	6 13	2 33	18 6	1 17	0 32	0 39	18 52	0 20	23 0	0 19	23 33	0 12	9 10	1 32	31 6	8 33	14 56	15 24	2 59		n.a.
M 7	5 6	19 3	4 27	5 31	2 29	18 30	1 20	0 50	0 38	18 55	0 20	23 0	0 19	23 33	0 12	9 9	1 32	31 6	8 33	14 56	15 23	3 2		n.a.
T 8	5 29	17 8	4 58	4 47	2 26	18 52	1 23	1 8	0 38	18 58	0 19	23 0	0 19	23 33	0 12	9 9	1 32	31 6	8 33	14 56	15 22	3 4		n.a.
W 9	5 51	14 11	5 13	4 3	2 21	19 15	1 26	1 26	0 37	19 1	0 19	23 0	0 19	23 33	0 12	9 8	1 32	31 6	8 32	14 56	15 21	3 6		n.a.
T 10	6 14	10 20	5 10	3 16	2 17	19 37	1 28	1 44	0 37	19 4	0 19	23 0	0 19	23 33	0 12	9 7	1 32	31 6	8 32	14 55	15 20	3 8		n.a.
F 11	6 37	5 46	4 47	2 29	2 11	19 58	1 31	2 2	0 36	19 7	0 19	22 59	0 19	23 33	0 12	9 6	1 32	31 5	8 32	14 54	15 19	3 10		n.a.
S 12	6 59	0 45	4 5	1 40	2 5	20 19	1 33	2 20	0 36	19 10	0 19	22 59	0 20	23 33	0 12	9 6	1 32	31 5	8 32	14 53	15 18	3 12		n.a.
S 13	7 21	4n22	3 5	0 50	1 59	20 39	1 36	2 38	0 35	19 13	0 19	22 59	0 20	23 33	0 12	9 5	1 32	31 5	8 32	14 52	15 17	3 14		n.a.
M14	7 43	9 15	1 51	0n 1	1 52	20 59	1 38	2 56	0 34	19 16	0 19	22 59	0 20	23 33	0 12	9 4	1 32	31 5	8 32	14 52	15 16	3 16		n.a.
T 15	8 5	13 30	0 30	0 53	1 45	21 18	1 41	3 14	0 34	19 19	0 18	22 59	0 20	23 33	0 12	9 4	1 32	31 5	8 31	14 52	15 15	3 18		n.a.
W16	8 27	16 49	0s51	1 46	1 37	21 37	1 43	3 31	0 33	19 22	0 18	22 59	0 20	23 33	0 12	9 3	1 32	31 4	8 31	14 52	15 14	3 20		n.a.
T 17	8 49	18 59	2 7	2 41	1 28	21 55	1 46	3 49	0 33	19 25	0 18	22 59	0 20	23 33	0 12	9 2	1 32	31 4	8 31	14 52	15 13	3 22		n.a.
F 18	9 11	19 54	3 13	3 36	1 20	22 13	1 48	4 7	0 32	19 28	0 18	22 59	0 20	23 33	0 12	9 2	1 32	31 4	8 31	14 52	15 12	3 24		n.a.
S 19	9 32	19 37	4 7	4 32	1 10	22 30	1 50	4 24	0 32	19 31	0 18	22 59	0 20	23 33	0 12	9 1	1 32	31 4	8 31	14 53	15 11	3 26		n.a.
S 20	9 53	18 16	4 45	5 28	1 1	22 46	1 52	4 42	0 31	19 34	0 18	22 59	0 20	23 33	0 12	9 0	1 32	31 3	8 31	14 53	15 10	3 28		n.a.
M21	10 15	16 3	5 9	6 25	0 51	23 2	1 54	4 59	0 31	19 37	0 18	22 59	0 21	23 33	0 12	9 0	1 32	31 3	8 30	14 53	15 9	3 30		n.a.
T 22	10 36	13 8	5 17	7 23	0 41	23 17	1 56	5 17	0 30	19 40	0 18	22 59	0 21	23 33	0 12	8 59	1 32	31 3	8 30	14 53	15 8	3 33		n.a.
W23	10 57	9 43	5 10	8 21	0 31	23 32	1 58	5 34	0 29	19 42	0 17	22 59	0 21	23 33	0 12	8 59	1 32	31 3	8 30	14 53	15 7	3 35		n.a.
T 24	11 17	5 57	4 50	9 18	0 20	23 46	2 0	5 52	0 29	19 45	0 17	22 59	0 21	23 33	0 12	8 58	1 32	31 3	8 30	14 52	15 6	3 37		n.a.
F 25	11 38	2 0	4 18	10 16	0 10	23 59	2 2	6 9	0 28	19 48	0 17	22 59	0 21	23 33	0 12	8 57	1 32	31 2	8 30	14 52	15 5	3 39		n.a.
S 26	11 58	2s 2	3 35	11 13	0n 1	24 12	2 4	6 26	0 28	19 51	0 17	22 59	0 21	23 32	0 12	8 57	1 32	31 2	8 30	14 51	15 4	3 41		n.a.
S 27	12 18	5 59	2 43	12 10	0 11	24 24	2 6	6 43	0 27	19 54	0 17	22 59	0 21	23 32	0 12	8 56	1 32	31 2	8 30	14 51	15 3	3 43		n.a.
M28	12 38	9 43	1 43	13 6	0 22	24 35	2 7	7 0	0 27	19 57	0 17	22 59	0 21	23 32	0 12	8 56	1 32	31 2	8 29	14 51	15 2	3 45		n.a.
T 29	12 58	13 6	0 39	14 0	0 32	24 46	2 9	7 17	0 26	20 0	0 17	22 59	0 22	23 32	0 12	8 55	1 33	31 1	8 29	14 51	15 1	3 47		n.a.
W30	13n17	15s58	0n28	14n54	0n42	24n56	2n10	7n34	0s25	20n 3	0s17	22s59	0s22	23s32	0s12	8s55	1s33	31n 1	8n29	14s51	15s 0	3s49		n.a.

Julian Day Number = 1620339.5, Delta T = 03h47m55s
Ecliptic obliquity = 23°43'37, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'30, Lahiri = - 7°46'30 Julian Calendar 1 Apr. 277 BCE == Greg. Calendar 28 March 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

MAY 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 19 21	5♉48'01	26♏50	9♉50	15♊20	20♈50	29♉53	17°R 2	19°R46	11♓ 8	17♋11	9♏33	9♏57	2♎25	n.a.	T 1
F 2	14 23 17	6°45'20	9♐13	12° 1	16°29	21°33	0♊ 6	17♑ 2	19♐44	11°10	17°12	9°33	9°54	2°32	n.a.	F 2
S 3	14 27 14	7°42'39	21°50	14°10	17°37	22°15	0°19	17° 2	19°43	11°11	17°13	9°34	9°51	2°39	n.a.	S 3
S 4	14 31 11	8°39'57	4♑41	16°18	18°46	22°58	0°32	17° 1	19°41	11°12	17°13	9°34	9°48	2°46	n.a.	S 4
M 5	14 35 7	9°37'14	17°48	18°25	19°54	23°40	0°45	17° 1	19°39	11°14	17°14	9°R34	9°45	2°52	n.a.	M 5
T 6	14 39 4	10°34'31	1♒13	20°30	21° 2	24°23	0°58	17° 1	19°38	11°15	17°15	9°34	9°41	2°59	n.a.	T 6
W 7	14 43 0	11°31'47	14°57	22°33	22°10	25° 5	1°11	17° 0	19°36	11°17	17°16	9°D34	9°38	3° 6	n.a.	W 7
T 8	14 46 57	12°29'03	29° 0	24°35	23°18	25°47	1°24	16°59	19°34	11°18	17°17	9°34	9°35	3°12	n.a.	T 8
F 9	14 50 53	13°26'18	13♓21	26°34	24°26	26°30	1°37	16°59	19°32	11°19	17°18	9°34	9°32	3°19	n.a.	F 9
S 10	14 54 50	14°23'32	27°58	28°32	25°34	27°12	1°51	16°58	19°31	11°20	17°19	9°34	9°29	3°26	n.a.	S 10
S 11	14 58 46	15°20'47	12♈45	0♊27	26°42	27°54	2° 4	16°57	19°29	11°22	17°20	9°35	9°26	3°32	n.a.	S 11
M12	15 2 43	16°18'01	27°36	2°19	27°49	28°36	2°17	16°56	19°27	11°23	17°21	9°35	9°22	3°39	n.a.	M12
T 13	15 6 40	17°15'14	12♉25	4°10	28°56	29°18	2°31	16°55	19°25	11°24	17°22	9°R35	9°19	3°46	n.a.	T 13
W14	15 10 36	18°12'27	27° 3	5°58	0♋ 3	0♉ 0	2°44	16°54	19°23	11°25	17°23	9°35	9°16	3°52	n.a.	W14
T 15	15 14 33	19° 9'39	11♊24	7°43	1°10	0°42	2°57	16°52	19°21	11°26	17°24	9°34	9°13	3°59	n.a.	T 15
F 16	15 18 29	20° 6'51	25°24	9°27	2°17	1°24	3°11	16°51	19°19	11°27	17°25	9°33	9°10	4° 6	n.a.	F 16
S 17	15 22 26	21° 4'02	9♋ 0	11° 7	3°24	2° 6	3°24	16°50	19°17	11°28	17°26	9°32	9° 7	4°12	n.a.	S 17
S 18	15 26 22	22° 1'12	22°11	12°46	4°31	2°48	3°38	16°48	19°15	11°30	17°28	9°30	9° 3	4°19	n.a.	S 18
M19	15 30 19	22°58'21	4♌59	14°21	5°37	3°29	3°51	16°46	19°13	11°31	17°29	9°29	9° 0	4°26	n.a.	M19
T 20	15 34 16	23°55'30	17°26	15°55	6°43	4°11	4° 4	16°45	19°11	11°31	17°30	9°29	8°57	4°32	n.a.	T 20
W21	15 38 12	24°52'38	29°38	17°26	7°49	4°53	4°18	16°43	19° 9	11°32	17°31	9°D29	8°54	4°39	n.a.	W21
T 22	15 42 9	25°49'46	11♍37	18°54	8°55	5°34	4°31	16°41	19° 7	11°33	17°32	9°29	8°51	4°46	n.a.	T 22
F 23	15 46 5	26°46'53	23°29	20°20	10° 1	6°16	4°45	16°39	19° 4	11°34	17°34	9°30	8°47	4°52	n.a.	F 23
S 24	15 50 2	27°44'00	5♎19	21°43	11° 6	6°57	4°58	16°37	19° 2	11°35	17°35	9°32	8°44	4°59	n.a.	S 24
S 25	15 53 58	28°41'06	17°10	23° 3	12°12	7°39	5°12	16°35	19° 0	11°36	17°36	9°33	8°41	5° 6	n.a.	S 25
M26	15 57 55	29°38'12	29° 6	24°21	13°17	8°20	5°25	16°32	18°58	11°37	17°38	9°34	8°38	5°12	n.a.	M26
T 27	16 1 51	0♊35'17	11♏11	25°36	14°21	9° 1	5°39	16°30	18°56	11°37	17°39	9°R35	8°35	5°19	n.a.	T 27
W28	16 5 48	1°32'22	23°27	26°49	15°26	9°42	5°52	16°28	18°53	11°38	17°40	9°34	8°32	5°26	n.a.	W28
T 29	16 9 45	2°29'28	5♐56	27°58	16°31	10°24	6° 6	16°25	18°51	11°39	17°42	9°32	8°28	5°32	n.a.	T 29
F 30	16 13 41	3°26'33	18°38	29° 5	17°35	11° 5	6°19	16°22	18°49	11°40	17°43	9°29	8°25	5°39	n.a.	F 30
S 31	16 17 38	4♊23'38	1♑34	0♋ 9	18♋39	11♉46	6♊33	16♑20	18♐46	11♓40	17♋45	9♏26	8♏22	5♎46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13n37	18s 9	1n35	15n45	0n52	25n 5	2n12	7n51	0s25	20n 6	0s16	22s59	0s22	23s32	0s12	8s54	1s33	31n 1	8n29	14s51	14s59	3s51			n.a.
F 2	13 56	19 30	2 38	16 36	1 1	25 14	2 13	8 7	0 24	20 9	0 16	22 59	0 22	23 32	0 12	8 54	1 33	31 1	8 29	14 51	14 58	3 53			n.a.
S 3	14 15	19 55	3 34	17 24	1 10	25 22	2 14	8 24	0 24	20 12	0 16	23 0	0 22	23 32	0 13	8 53	1 33	31 0	8 29	14 51	14 56	3 55			n.a.
S 4	14 34	19 18	4 21	18 10	1 18	25 30	2 15	8 41	0 23	20 15	0 16	23 0	0 22	23 32	0 13	8 53	1 33	31 0	8 28	14 51	14 55	3 57			n.a.
M 5	14 52	17 39	4 55	18 54	1 26	25 36	2 16	8 57	0 22	20 18	0 16	23 0	0 22	23 32	0 13	8 52	1 33	31 0	8 28	14 51	14 54	3 59			n.a.
T 6	15 10	15 1	5 14	19 35	1 34	25 42	2 17	9 13	0 22	20 20	0 16	23 0	0 22	23 31	0 13	8 52	1 33	30 59	8 28	14 51	14 53	4 1			n.a.
W 7	15 28	11 30	5 16	20 15	1 40	25 48	2 18	9 30	0 21	20 23	0 16	23 0	0 23	23 31	0 13	8 51	1 33	30 59	8 28	14 51	14 52	4 3			n.a.
T 8	15 46	7 17	5 0	20 51	1 46	25 52	2 19	9 46	0 21	20 26	0 16	23 0	0 23	23 31	0 13	8 51	1 33	30 59	8 28	14 51	14 51	4 5			n.a.
F 9	16 4	2 33	4 24	21 26	1 51	25 56	2 20	10 2	0 20	20 29	0 15	23 1	0 23	23 31	0 13	8 50	1 33	30 59	8 28	14 51	14 50	4 7			n.a.
S 10	16 21	2n24	3 31	21 57	1 56	25 59	2 20	10 18	0 19	20 32	0 15	23 1	0 23	23 31	0 13	8 50	1 33	30 58	8 28	14 51	14 49	4 9			n.a.
S 11	16 38	7 18	2 24	22 26	2 0	26 2	2 21	10 34	0 19	20 35	0 15	23 1	0 23	23 31	0 13	8 49	1 33	30 58	8 27	14 51	14 48	4 11			n.a.
M12	16 55	11 46	1 6	22 53	2 3	26 4	2 21	10 49	0 18	20 37	0 15	23 1	0 23	23 31	0 13	8 49	1 33	30 58	8 27	14 51	14 47	4 13			n.a.
T 13	17 11	15 30	0s16	23 17	2 5	26 5	2 21	11 5	0 18	20 40	0 15	23 2	0 23	23 31	0 13	8 48	1 33	30 58	8 27	14 51	14 46	4 15			n.a.
W14	17 27	18 11	1 35	23 39	2 7	26 5	2 22	11 21	0 17	20 43	0 15	23 2	0 23	23 30	0 13	8 48	1 33	30 57	8 27	14 51	14 45	4 17			n.a.
T 15	17 43	19 39	2 48	23 58	2 8	26 5	2 22	11 36	0 16	20 46	0 15	23 2	0 23	23 30	0 13	8 48	1 33	30 57	8 27	14 51	14 44	4 19			n.a.
F 16	17 59	19 51	3 48	24 15	2 8	26 4	2 22	11 51	0 16	20 48	0 15	23 2	0 24	23 30	0 13	8 47	1 33	30 57	8 27	14 51	14 43	4 21			n.a.
S 17	18 14	18 53	4 33	24 29	2 8	26 2	2 21	12 7	0 15	20 51	0 15	23 3	0 24	23 30	0 13	8 47	1 33	30 56	8 27	14 50	14 42	4 23			n.a.
S 18	18 29	16 54	5 2	24 42	2 7	26 0	2 21	12 22	0 15	20 54	0 14	23 3	0 24	23 30	0 13	8 47	1 34	30 56	8 27	14 50	14 41	4 25			n.a.
M19	18 44	14 9	5 16	24 52	2 5	25 57	2 21	12 37	0 14	20 56	0 14	23 3	0 24	23 30	0 13	8 46	1 34	30 56	8 26	14 50	14 40	4 28			n.a.
T 20	18 59	10 49	5 14	25 0	2 2	25 53	2 20	12 51	0 13	20 59	0 14	23 4	0 24	23 30	0 13	8 46	1 34	30 56	8 26	14 49	14 39	4 30			n.a.
W21	19 13	7 6	4 57	25 6	1 59	25 49	2 20	13 6	0 13	21 2	0 14	23 4	0 24	23 29	0 13	8 46	1 34	30 55	8 26	14 49	14 38	4 32			n.a.
T 22	19 27	3 10	4 28	25 10	1 55	25 44	2 19	13 21	0 12	21 4	0 14	23 4	0 24	23 29	0 13	8 45	1 34	30 55	8 26	14 49	14 37	4 34			n.a.
F 23	19 40	0s52	3 48	25 12	1 51	25 38	2 18	13 35	0 11	21 7	0 14	23 5	0 24	23 29	0 13	8 45	1 34	30 55	8 26	14 50	14 36	4 36			n.a.
S 24	19 53	4 51	2 58	25 13	1 45	25 32	2 17	13 50	0 11	21 9	0 14	23 5	0 25	23 29	0 13	8 45	1 34	30 54	8 26	14 50	14 35	4 38			n.a.
S 25	20 6	8 40	2 1	25 12	1 40	25 25	2 16	14 4	0 10	21 12	0 14	23 6	0 25	23 29	0 13	8 45	1 34	30 54	8 26	14 51	14 34	4 40			n.a.
M26	20 19	12 11	0 58	25 9	1 33	25 17	2 15	14 18	0 10	21 14	0 14	23 6	0 25	23 29	0 13	8 44	1 34	30 54	8 26	14 51	14 33	4 42			n.a.
T 27	20 31	15 13	0n 9	25 5	1 26	25 9	2 13	14 32	0 9	21 17	0 13	23 6	0 25	23 28	0 13	8 44	1 34	30 54	8 26	14 51	14 32	4 44			n.a.
W28	20 43	17 38	1 16	25 0	1 19	25 0	2 12	14 46	0 8	21 20	0 13	23 7	0 25	23 28	0 13	8 44	1 34	30 53	8 25	14 51	14 31	4 46			n.a.
T 29	20 55	19 15	2 20	24 53	1 10	24 51	2 10	15 0	0 8	21 22	0 13	23 7	0 25	23 28	0 13	8 44	1 34	30 53	8 25	14 50	14 30	4 48			n.a.
F 30	21 6	19 56	3 19	24 45	1 1	24 41	2 9	15 13	0 7	21 24	0 13	23 8	0 25	23 28	0 13	8 43	1 34	30 53	8 25	14 50	14 29	4 50			n.a.
S 31	21n17	19s35	4n 8	24n36	0n52	24n30	2n 7	15n27	0s 6	21n27	0s13	23s 8	0s25	23s28	0s13	8s43	1s34	30n52	8n25	14s48	14s28	4s52			n.a.

Julian Day Number = 1620369.5, Delta T = 03h47m54s
Ecliptic obliquity = 23°43'37, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'26, Lahiri = - 7°46'25 Julian Calendar 1 May 277 BCE == Greg. Calendar 27 Apr. 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

JUNE 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 21 34	5♊20'44	14♉45	1♋ 9	19♋43	12♉27	6♊47	16°R17	18°R44	11♓41	17♋46	9°R22	8♏19	5♎52	n.a.	S 1
M 2	16 25 31	6°17'49	28° 9	2° 7	20°46	13° 8	7° 0	16♉14	18♐42	11°41	17°48	9♏18	8°16	5°59	n.a.	M 2
T 3	16 29 27	7°14'55	11♒46	3° 1	21°50	13°49	7°14	16°11	18°39	11°42	17°49	9°16	8°13	6° 6	n.a.	T 3
W 4	16 33 24	8°12'01	25°35	3°52	22°53	14°30	7°27	16° 8	18°37	11°42	17°50	9°14	8° 9	6°12	n.a.	W 4
T 5	16 37 20	9° 9'08	9♓36	4°40	23°55	15°10	7°41	16° 5	18°35	11°43	17°52	9°D13	8° 6	6°19	n.a.	T 5
F 6	16 41 17	10° 6'15	23°46	5°24	24°58	15°51	7°54	16° 2	18°32	11°43	17°54	9°14	8° 3	6°26	n.a.	F 6
S 7	16 45 14	11° 3'23	8♈ 5	6° 4	26° 0	16°32	8° 8	15°59	18°30	11°44	17°55	9°15	8° 0	6°32	n.a.	S 7
S 8	16 49 10	12° 0'31	22°29	6°40	27° 2	17°13	8°21	15°56	18°28	11°44	17°57	9°16	7°57	6°39	n.a.	S 8
M 9	16 53 7	12°57'40	6♉56	7°12	28° 4	17°53	8°35	15°52	18°25	11°44	17°58	9°R17	7°53	6°46	n.a.	M 9
T 10	16 57 3	13°54'49	21°21	7°40	29° 5	18°34	8°48	15°49	18°23	11°45	18° 0	9°17	7°50	6°52	n.a.	T 10
W11	17 1 0	14°51'59	5♊39	8° 4	0♌ 7	19°14	9° 2	15°45	18°20	11°45	18° 1	9°14	7°47	6°59	n.a.	W11
T 12	17 4 56	15°49'09	19°45	8°23	1° 7	19°55	9°15	15°42	18°18	11°45	18° 3	9°11	7°44	7° 6	n.a.	T 12
F 13	17 8 53	16°46'20	3♋35	8°38	2° 8	20°35	9°29	15°38	18°15	11°45	18° 5	9° 5	7°41	7°12	n.a.	F 13
S 14	17 12 49	17°43'31	17° 5	8°49	3° 8	21°16	9°42	15°35	18°13	11°46	18° 6	8°59	7°38	7°19	n.a.	S 14
S 15	17 16 46	18°40'43	0♌14	8°54	4° 8	21°56	9°56	15°31	18°11	11°46	18° 8	8°53	7°34	7°26	n.a.	S 15
M16	17 20 43	19°37'54	13° 2	8°R55	5° 7	22°36	10° 9	15°27	18° 8	11°46	18°10	8°47	7°31	7°32	n.a.	M16
T 17	17 24 39	20°35'06	25°30	8°50	6° 7	23°16	10°23	15°23	18° 6	11°46	18°11	8°43	7°28	7°39	n.a.	T 17
W18	17 28 36	21°32'18	7♍42	8°41	7° 5	23°57	10°36	15°19	18° 3	11°46	18°13	8°40	7°25	7°46	n.a.	W18
T 19	17 32 32	22°29'31	19°41	8°27	8° 4	24°37	10°49	15°16	18° 1	11°R46	18°15	8°D39	7°22	7°52	n.a.	T 19
F 20	17 36 29	23°26'44	1♎33	8° 9	9° 2	25°17	11° 3	15°12	17°59	11°46	18°16	8°39	7°18	7°59	n.a.	F 20
S 21	17 40 25	24°23'57	13°23	7°45	9°59	25°57	11°16	15° 8	17°56	11°46	18°18	8°40	7°15	8° 6	n.a.	S 21
S 22	17 44 22	25°21'11	25°16	7°18	10°56	26°37	11°30	15° 4	17°54	11°46	18°20	8°42	7°12	8°12	n.a.	S 22
M23	17 48 18	26°18'25	7♏16	6°46	11°53	27°17	11°43	14°59	17°51	11°46	18°22	8°R42	7° 9	8°19	n.a.	M23
T 24	17 52 15	27°15'40	19°27	6°11	12°49	27°56	11°56	14°55	17°49	11°46	18°23	8°42	7° 6	8°26	n.a.	T 24
W25	17 56 12	28°12'56	1♐54	5°33	13°45	28°36	12° 9	14°51	17°47	11°45	18°25	8°39	7° 3	8°32	n.a.	W25
T 26	18 0 8	29°10'12	14°38	4°52	14°40	29°16	12°23	14°47	17°44	11°45	18°27	8°35	6°59	8°39	n.a.	T 26
F 27	18 4 5	0♋ 7'30	27°40	4° 9	15°35	29°56	12°36	14°43	17°42	11°45	18°29	8°28	6°56	8°46	n.a.	F 27
S 28	18 8 1	1° 4'48	10♉59	3°25	16°29	0♊35	12°49	14°38	17°40	11°45	18°31	8°20	6°53	8°52	n.a.	S 28
S 29	18 11 58	2° 2'07	24°35	2°41	17°23	1°15	13° 2	14°34	17°37	11°44	18°32	8°11	6°50	8°59	n.a.	S 29
M30	18 15 54	2♋59'27	8♒23	1♋57	18♌16	1♊54	13♊15	14♉30	17♐35	11♓44	18♋34	8♏ 3	6♏47	9♎ 6	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n27	18s10	4n45	24n25	0n42	24n19	2n 5	15n40	0s 6	21n29	0s13	23s 9	0s26	23s27	0s13	8s43	1s34	30n52	8n25	14s47	14s27	4s54		n.a.
M 2	21 37	15 45	5 8	24 14	0 32	24 7	2 3	15 53	0 5	21 32	0 13	23 9	0 26	23 27	0 13	8 43	1 34	30 52	8 25	14 46	14 26	4 56		n.a.
T 3	21 47	12 27	5 13	24 2	0 21	23 55	2 0	16 6	0 4	21 34	0 13	23 10	0 26	23 27	0 13	8 43	1 34	30 52	8 25	14 45	14 25	4 58		n.a.
W 4	21 56	8 25	5 1	23 49	0 9	23 42	1 58	16 19	0 4	21 36	0 13	23 10	0 26	23 27	0 13	8 43	1 35	30 51	8 25	14 45	14 24	5 0		n.a.
T 5	22 5	3 53	4 31	23 36	0s 3	23 28	1 55	16 32	0 3	21 39	0 13	23 10	0 26	23 27	0 13	8 42	1 35	30 51	8 25	14 44	14 23	5 2		n.a.
F 6	22 14	0n55	3 44	23 22	0 15	23 14	1 53	16 45	0 3	21 41	0 12	23 11	0 26	23 26	0 13	8 42	1 35	30 51	8 25	14 45	14 22	5 3		n.a.
S 7	22 22	5 44	2 43	23 7	0 28	23 0	1 50	16 57	0 2	21 43	0 12	23 11	0 26	23 26	0 13	8 42	1 35	30 50	8 25	14 45	14 21	5 5		n.a.
S 8	22 30	10 15	1 31	22 52	0 42	22 45	1 47	17 9	0 1	21 46	0 12	23 12	0 26	23 26	0 13	8 42	1 35	30 50	8 25	14 45	14 19	5 7		n.a.
M 9	22 38	14 12	0 13	22 37	0 55	22 29	1 44	17 21	0 1	21 48	0 12	23 13	0 27	23 26	0 13	8 42	1 35	30 50	8 24	14 46	14 18	5 9		n.a.
T 10	22 45	17 16	1s 5	22 21	1 9	22 13	1 41	17 33	0n 0	21 50	0 12	23 13	0 27	23 26	0 13	8 42	1 35	30 50	8 24	14 45	14 17	5 11		n.a.
W11	22 51	19 14	2 19	22 5	1 23	21 57	1 37	17 45	0 1	21 52	0 12	23 14	0 27	23 25	0 13	8 42	1 35	30 49	8 24	14 45	14 16	5 13		n.a.
T 12	22 58	19 57	3 23	21 50	1 38	21 40	1 34	17 57	0 1	21 55	0 12	23 14	0 27	23 25	0 13	8 42	1 35	30 49	8 24	14 44	14 15	5 15		n.a.
F 13	23 4	19 28	4 13	21 34	1 53	21 23	1 30	18 9	0 2	21 57	0 12	23 15	0 27	23 25	0 13	8 42	1 35	30 49	8 24	14 42	14 14	5 17		n.a.
S 14	23 9	17 51	4 48	21 19	2 7	21 5	1 26	18 20	0 3	21 59	0 12	23 15	0 27	23 25	0 13	8 42	1 35	30 48	8 24	14 40	14 13	5 19		n.a.
S 15	23 14	15 21	5 7	21 4	2 22	20 47	1 22	18 31	0 3	22 1	0 12	23 16	0 27	23 25	0 13	8 42	1 35	30 48	8 24	14 38	14 12	5 21		n.a.
M16	23 19	12 10	5 9	20 49	2 37	20 28	1 18	18 42	0 4	22 3	0 11	23 16	0 27	23 24	0 13	8 42	1 35	30 48	8 24	14 36	14 11	5 23		n.a.
T 17	23 23	8 31	4 57	20 35	2 51	20 9	1 13	18 53	0 5	22 5	0 11	23 17	0 27	23 24	0 13	8 42	1 35	30 48	8 24	14 35	14 10	5 25		n.a.
W18	23 27	4 35	4 32	20 21	3 5	19 50	1 9	19 4	0 5	22 7	0 11	23 17	0 28	23 24	0 13	8 42	1 35	30 47	8 24	14 34	14 9	5 27		n.a.
T 19	23 31	0 33	3 54	20 9	3 19	19 30	1 4	19 15	0 6	22 9	0 11	23 18	0 28	23 24	0 13	8 42	1 35	30 47	8 24	14 33	14 8	5 29		n.a.
F 20	23 34	3s29	3 8	19 57	3 32	19 10	1 0	19 25	0 7	22 11	0 11	23 19	0 28	23 24	0 13	8 42	1 36	30 47	8 24	14 33	14 7	5 31		n.a.
S 21	23 36	7 23	2 13	19 45	3 45	18 50	0 55	19 35	0 7	22 13	0 11	23 19	0 28	23 23	0 13	8 42	1 36	30 46	8 24	14 34	14 6	5 33		n.a.
S 22	23 39	11 0	1 12	19 35	3 56	18 29	0 50	19 46	0 8	22 15	0 11	23 20	0 28	23 23	0 13	8 42	1 36	30 46	8 24	14 34	14 5	5 35		n.a.
M23	23 40	14 13	0 8	19 26	4 7	18 8	0 44	19 56	0 9	22 17	0 11	23 20	0 28	23 23	0 13	8 42	1 36	30 46	8 24	14 34	14 4	5 37		n.a.
T 24	23 42	16 53	0n58	19 18	4 17	17 47	0 39	20 5	0 9	22 19	0 11	23 21	0 28	23 23	0 13	8 42	1 36	30 46	8 24	14 34	14 3	5 39		n.a.
W25	23 43	18 48	2 2	19 12	4 25	17 26	0 33	20 15	0 10	22 21	0 11	23 21	0 28	23 23	0 13	8 43	1 36	30 45	8 24	14 33	14 2	5 41		n.a.
T 26	23 43	19 50	3 1	19 6	4 32	17 4	0 27	20 24	0 11	22 23	0 10	23 22	0 28	23 22	0 13	8 43	1 36	30 45	8 24	14 32	14 1	5 43		n.a.
F 27	23 44	19 50	3 52	19 2	4 37	16 42	0 21	20 34	0 11	22 24	0 10	23 23	0 29	23 22	0 13	8 43	1 36	30 45	8 24	14 30	14 0	5 45		n.a.
S 28	23 43	18 45	4 32	19 0	4 41	16 20	0 15	20 43	0 12	22 26	0 10	23 23	0 29	23 22	0 13	8 43	1 36	30 45	8 24	14 27	13 59	5 47		n.a.
S 29	23 43	16 35	4 57	18 59	4 43	15 57	0 9	20 52	0 13	22 28	0 10	23 24	0 29	23 22	0 13	8 43	1 36	30 44	8 24	14 24	13 57	5 49		n.a.
M30	23n42	13s28	5n 6	18n59	4s43	15n35	0n 3	21n 0	0n13	22n30	0s10	23s24	0s29	23s21	0s13	8s43	1s36	30n44	8n24	14s21	13s56	5s51		n.a.

Julian Day Number = 1620400.5, Delta T = 03h47m52s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'22, Lahiri = - 7°46'21 Julian Calendar 1 June 277 BCE == Greg. Calendar 28 May 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

JULY 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 19 51	3♋56'48	22♒22	1°R14	19♌ 8	2♊34	13♊28	14°R25	17°R33	11°R44	18♋36	7°R56	6♏44	9♎12	n.a.	T 1
W 2	18 23 48	4°54'10	6♓26	0♋33	20° 0	3°13	13°41	14♉21	17♐30	11♓43	18°38	7♏50	6°40	9°19	n.a.	W 2
T 3	18 27 44	5°51'34	20°34	29♊55	20°51	3°53	13°54	14°17	17°28	11°43	18°40	7°47	6°37	9°26	n.a.	T 3
F 4	18 31 41	6°48'59	4♈43	29°20	21°42	4°32	14° 7	14°12	17°26	11°42	18°41	7°D46	6°34	9°32	n.a.	F 4
S 5	18 35 37	7°46'26	18°52	28°50	22°32	5°11	14°20	14° 8	17°24	11°42	18°43	7°47	6°31	9°39	n.a.	S 5
S 6	18 39 34	8°43'54	2♉59	28°24	23°21	5°51	14°33	14° 3	17°21	11°41	18°45	7°R47	6°28	9°46	n.a.	S 6
M 7	18 43 30	9°41'23	17° 3	28° 4	24°10	6°30	14°46	13°59	17°19	11°41	18°47	7°47	6°24	9°52	n.a.	M 7
T 8	18 47 27	10°38'54	1♊ 3	27°50	24°57	7° 9	14°59	13°54	17°17	11°40	18°49	7°45	6°21	9°59	n.a.	T 8
W 9	18 51 23	11°36'26	14°56	27°42	25°44	7°48	15°12	13°50	17°15	11°40	18°51	7°40	6°18	10° 6	n.a.	W 9
T 10	18 55 20	12°34'00	28°39	27°D40	26°31	8°27	15°24	13°45	17°13	11°39	18°53	7°33	6°15	10°12	n.a.	T 10
F 11	18 59 17	13°31'35	12♋ 9	27°46	27°16	9° 6	15°37	13°41	17°11	11°38	18°54	7°24	6°12	10°19	n.a.	F 11
S 12	19 3 13	14°29'12	25°25	27°58	28° 1	9°45	15°50	13°36	17° 9	11°38	18°56	7°13	6° 9	10°26	n.a.	S 12
S 13	19 7 10	15°26'50	8♌24	28°17	28°44	10°24	16° 2	13°32	17° 7	11°37	18°58	7° 1	6° 5	10°32	n.a.	S 13
M14	19 11 6	16°24'28	21° 5	28°43	29°27	11° 3	16°15	13°27	17° 5	11°36	19° 0	6°50	6° 2	10°39	n.a.	M14
T 15	19 15 3	17°22'09	3♍29	29°17	0♍ 8	11°42	16°27	13°23	17° 3	11°35	19° 2	6°41	5°59	10°46	n.a.	T 15
W16	19 18 59	18°19'50	15°39	29°58	0°49	12°20	16°40	13°18	17° 1	11°34	19° 4	6°34	5°56	10°52	n.a.	W16
T 17	19 22 56	19°17'32	27°37	0♋45	1°29	12°59	16°52	13°14	16°59	11°34	19° 6	6°30	5°53	10°59	n.a.	T 17
F 18	19 26 52	20°15'16	9♎28	1°39	2° 7	13°38	17° 5	13° 9	16°57	11°33	19° 8	6°28	5°50	11° 5	n.a.	F 18
S 19	19 30 49	21°13'01	21°16	2°40	2°45	14°16	17°17	13° 5	16°55	11°32	19° 9	6°D27	5°46	11°12	n.a.	S 19
S 20	19 34 46	22°10'47	3♏ 9	3°47	3°21	14°55	17°29	13° 0	16°53	11°31	19°11	6°R28	5°43	11°19	n.a.	S 20
M21	19 38 42	23° 8'35	15° 9	5° 1	3°56	15°33	17°41	12°56	16°51	11°30	19°13	6°27	5°40	11°25	n.a.	M21
T 22	19 42 39	24° 6'24	27°24	6°20	4°29	16°12	17°53	12°52	16°50	11°29	19°15	6°26	5°37	11°32	n.a.	T 22
W23	19 46 35	25° 4'14	9♐57	7°44	5° 2	16°50	18° 5	12°47	16°48	11°28	19°17	6°22	5°34	11°39	n.a.	W23
T 24	19 50 32	26° 2'06	22°51	9°14	5°32	17°28	18°17	12°43	16°46	11°27	19°19	6°16	5°30	11°45	n.a.	T 24
F 25	19 54 28	26°59'59	6♑ 8	10°48	6° 2	18° 6	18°29	12°39	16°44	11°26	19°21	6° 7	5°27	11°52	n.a.	F 25
S 26	19 58 25	27°57'54	19°48	12°26	6°30	18°45	18°41	12°34	16°43	11°25	19°22	5°56	5°24	11°59	n.a.	S 26
S 27	20 2 21	28°55'50	3♒48	14° 8	6°56	19°23	18°53	12°30	16°41	11°24	19°24	5°44	5°21	12° 5	n.a.	S 27
M28	20 6 18	29°53'48	18° 3	15°54	7°21	20° 1	19° 5	12°26	16°40	11°22	19°26	5°33	5°18	12°12	n.a.	M28
T 29	20 10 15	0♌51'48	2♓28	17°42	7°44	20°39	19°16	12°22	16°38	11°21	19°28	5°23	5°15	12°19	n.a.	T 29
W30	20 14 11	1°49'49	16°56	19°33	8° 5	21°17	19°28	12°18	16°37	11°20	19°30	5°15	5°11	12°25	n.a.	W30
T 31	20 18 8	2♌47'53	1♈21	21♋25	8♍25	21♊55	19♊39	12♉14	16♐35	11♓19	19♋32	5♏10	5♏ 8	12♎32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n40	9s33	4n56	19n 1	4s42	15n12	0s 4	21n 9	0n14	22n31	0s10	23s25	0s29	23s21	0s13	8s44	1s36	30n44	8n24	14s19	13s55	5s53			n.a.
W 2	23 38	5 6	4 29	19 5	4 39	14 49	0 11	21 17	0 15	22 33	0 10	23 25	0 29	23 21	0 13	8 44	1 36	30 44	8 24	14 17	13 54	5 54			n.a.
T 3	23 36	0 20	3 45	19 10	4 34	14 26	0 18	21 26	0 15	22 35	0 10	23 26	0 29	23 21	0 13	8 44	1 36	30 43	8 24	14 16	13 53	5 56			n.a.
F 4	23 33	4n27	2 47	19 16	4 27	14 3	0 25	21 34	0 16	22 37	0 10	23 27	0 29	23 21	0 13	8 44	1 36	30 43	8 24	14 16	13 52	5 58			n.a.
S 5	23 30	9 0	1 39	19 24	4 19	13 40	0 32	21 42	0 17	22 38	0 10	23 27	0 29	23 20	0 13	8 44	1 36	30 43	8 24	14 16	13 51	6 0			n.a.
S 6	23 26	13 3	0 26	19 34	4 9	13 16	0 40	21 49	0 17	22 40	0 10	23 28	0 29	23 20	0 13	8 45	1 36	30 43	8 24	14 16	13 50	6 2			n.a.
M 7	23 22	16 20	0s49	19 44	3 58	12 53	0 47	21 57	0 18	22 41	0 9	23 28	0 30	23 20	0 13	8 45	1 37	30 42	8 24	14 16	13 49	6 4			n.a.
T 8	23 18	18 39	2 1	19 56	3 46	12 30	0 55	22 4	0 19	22 43	0 9	23 29	0 30	23 20	0 13	8 45	1 37	30 42	8 24	14 16	13 48	6 6			n.a.
W 9	23 13	19 48	3 4	20 9	3 33	12 6	1 3	22 11	0 19	22 44	0 9	23 29	0 30	23 20	0 13	8 46	1 37	30 42	8 24	14 14	13 47	6 8			n.a.
T 10	23 7	19 47	3 56	20 23	3 19	11 43	1 11	22 18	0 20	22 46	0 9	23 30	0 30	23 19	0 13	8 46	1 37	30 42	8 24	14 12	13 46	6 10			n.a.
F 11	23 2	18 37	4 34	20 38	3 5	11 19	1 20	22 25	0 21	22 47	0 9	23 31	0 30	23 19	0 13	8 46	1 37	30 41	8 24	14 9	13 45	6 12			n.a.
S 12	22 56	16 27	4 56	20 53	2 49	10 56	1 28	22 32	0 21	22 49	0 9	23 31	0 30	23 19	0 13	8 47	1 37	30 41	8 24	14 5	13 44	6 14			n.a.
S 13	22 49	13 31	5 3	21 9	2 34	10 33	1 37	22 38	0 22	22 50	0 9	23 32	0 30	23 19	0 13	8 47	1 37	30 41	8 24	14 1	13 43	6 16			n.a.
M14	22 42	10 1	4 53	21 26	2 17	10 9	1 46	22 45	0 23	22 52	0 9	23 32	0 30	23 19	0 13	8 47	1 37	30 41	8 24	13 58	13 42	6 18			n.a.
T 15	22 35	6 9	4 31	21 42	2 1	9 46	1 55	22 51	0 23	22 53	0 9	23 33	0 30	23 18	0 13	8 48	1 37	30 40	8 24	13 55	13 41	6 19			n.a.
W16	22 27	2 7	3 56	21 59	1 45	9 23	2 4	22 57	0 24	22 54	0 9	23 33	0 30	23 18	0 13	8 48	1 37	30 40	8 25	13 52	13 39	6 21			n.a.
T 17	22 19	1s57	3 11	22 15	1 29	9 0	2 13	23 2	0 25	22 56	0 8	23 34	0 30	23 18	0 13	8 48	1 37	30 40	8 25	13 51	13 38	6 23			n.a.
F 18	22 11	5 54	2 18	22 30	1 13	8 37	2 23	23 8	0 26	22 57	0 8	23 34	0 31	23 18	0 13	8 49	1 37	30 40	8 25	13 50	13 37	6 25			n.a.
S 19	22 2	9 38	1 20	22 45	0 57	8 15	2 33	23 13	0 26	22 58	0 8	23 35	0 31	23 18	0 13	8 49	1 37	30 40	8 25	13 50	13 36	6 27			n.a.
S 20	21 53	12 59	0 18	22 59	0 42	7 52	2 43	23 18	0 27	23 0	0 8	23 35	0 31	23 17	0 13	8 49	1 37	30 39	8 25	13 50	13 35	6 29			n.a.
M21	21 43	15 51	0n46	23 11	0 27	7 30	2 53	23 23	0 28	23 1	0 8	23 36	0 31	23 17	0 13	8 50	1 37	30 39	8 25	13 50	13 34	6 31			n.a.
T 22	21 33	18 3	1 49	23 22	0 12	7 9	3 3	23 28	0 28	23 2	0 8	23 36	0 31	23 17	0 13	8 50	1 37	30 39	8 25	13 49	13 33	6 33			n.a.
W23	21 22	19 27	2 48	23 31	0n 1	6 47	3 13	23 33	0 29	23 3	0 8	23 37	0 31	23 17	0 13	8 51	1 37	30 39	8 25	13 48	13 32	6 35			n.a.
T 24	21 12	19 53	3 40	23 39	0 15	6 26	3 24	23 37	0 30	23 4	0 8	23 37	0 31	23 17	0 13	8 51	1 37	30 39	8 25	13 46	13 31	6 37			n.a.
F 25	21 1	19 14	4 21	23 44	0 27	6 5	3 35	23 42	0 30	23 6	0 8	23 38	0 31	23 17	0 13	8 52	1 37	30 38	8 25	13 43	13 30	6 39			n.a.
S 26	20 49	17 29	4 49	23 46	0 38	5 45	3 46	23 46	0 31	23 7	0 8	23 38	0 31	23 16	0 13	8 52	1 38	30 38	8 25	13 39	13 29	6 40			n.a.
S 27	20 37	14 40	5 1	23 47	0 49	5 25	3 57	23 49	0 32	23 8	0 8	23 39	0 31	23 16	0 13	8 53	1 38	30 38	8 26	13 36	13 28	6 42			n.a.
M28	20 25	10 57	4 54	23 44	0 59	5 5	4 8	23 53	0 33	23 9	0 7	23 39	0 31	23 16	0 13	8 53	1 38	30 38	8 26	13 32	13 27	6 44			n.a.
T 29	20 12	6 33	4 28	23 39	1 8	4 46	4 19	23 57	0 33	23 10	0 7	23 40	0 31	23 16	0 13	8 54	1 38	30 38	8 26	13 28	13 26	6 46			n.a.
W30	19 59	1 46	3 46	23 32	1 15	4 28	4 30	24 0	0 34	23 11	0 7	23 40	0 31	23 16	0 13	8 54	1 38	30 38	8 26	13 26	13 24	6 48			n.a.
T 31	19n46	3n 7	2n48	23n21	1n22	4n10	4s42	24n 3	0n35	23n12	0s 7	23s41	0s32	23s16	0s13	8s55	1s38	30n37	8n26	13s24	13s23	6s50			n.a.

Julian Day Number = 1620430.5, Delta T = 03h47m51s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'18, Lahiri = - 7°46'17 Julian Calendar 1 July 277 BCE == Greg. Calendar 27 June 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

AUGUST 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 22 4	3♌45'59	15♈40	23♋19	8♍42	22♊33	19♊51	12°R10	16°R34	11°R18	19♋34	5°R 8	5♏ 5	12♎39	n.a.	F 1
S 2	20 26 1	4°44'06	29°50	25°14	8°58	23°11	20° 2	12♑ 6	16♐33	11♓16	19°35	5♏ 8	5° 2	12°45	n.a.	S 2
S 3	20 29 57	5°42'16	13♉51	27°10	9°12	23°48	20°13	12° 2	16°31	11°15	19°37	5° 8	4°59	12°52	n.a.	S 3
M 4	20 33 54	6°40'29	27°41	29° 7	9°24	24°26	20°25	11°58	16°30	11°14	19°39	5° 7	4°56	12°59	n.a.	M 4
T 5	20 37 50	7°38'43	11♊21	1♌ 4	9°33	25° 4	20°36	11°54	16°29	11°13	19°41	5° 4	4°52	13° 5	n.a.	T 5
W 6	20 41 47	8°36'59	24°51	3° 0	9°41	25°41	20°47	11°50	16°28	11°11	19°43	4°58	4°49	13°12	n.a.	W 6
T 7	20 45 44	9°35'18	8♋10	4°57	9°46	26°19	20°58	11°46	16°26	11°10	19°44	4°50	4°46	13°19	n.a.	T 7
F 8	20 49 40	10°33'39	21°19	6°53	9°50	26°57	21° 9	11°43	16°25	11° 8	19°46	4°39	4°43	13°25	n.a.	F 8
S 9	20 53 37	11°32'01	4♌14	8°48	9°R51	27°34	21°19	11°39	16°24	11° 7	19°48	4°26	4°40	13°32	n.a.	S 9
S 10	20 57 33	12°30'26	16°57	10°43	9°49	28°11	21°30	11°36	16°23	11° 6	19°50	4°13	4°36	13°39	n.a.	S 10
M11	21 1 30	13°28'52	29°26	12°37	9°45	28°49	21°41	11°32	16°22	11° 4	19°51	4° 0	4°33	13°45	n.a.	M11
T 12	21 5 26	14°27'21	11♍41	14°30	9°39	29°26	21°51	11°29	16°21	11° 3	19°53	3°49	4°30	13°52	n.a.	T 12
W13	21 9 23	15°25'51	23°45	16°22	9°31	0♋ 3	22° 2	11°25	16°20	11° 1	19°55	3°41	4°27	13°59	n.a.	W13
T 14	21 13 19	16°24'23	5♎40	18°13	9°20	0°40	22°12	11°22	16°20	11° 0	19°57	3°35	4°24	14° 5	n.a.	T 14
F 15	21 17 16	17°22'57	17°28	20° 3	9° 7	1°18	22°22	11°19	16°19	10°58	19°58	3°32	4°21	14°12	n.a.	F 15
S 16	21 21 12	18°21'32	29°15	21°52	8°51	1°55	22°32	11°16	16°18	10°57	20° 0	3°D31	4°17	14°19	n.a.	S 16
S 17	21 25 9	19°20'10	11♏ 5	23°40	8°33	2°32	22°42	11°13	16°17	10°55	20° 2	3°31	4°14	14°25	n.a.	S 17
M18	21 29 6	20°18'49	23° 5	25°28	8°13	3° 9	22°52	11°10	16°17	10°54	20° 3	3°R31	4°11	14°32	n.a.	M18
T 19	21 33 2	21°17'30	5♐18	27°14	7°51	3°45	23° 2	11° 7	16°16	10°52	20° 5	3°30	4° 8	14°39	n.a.	T 19
W20	21 36 59	22°16'13	17°51	28°59	7°26	4°22	23°12	11° 4	16°16	10°51	20° 7	3°27	4° 5	14°45	n.a.	W20
T 21	21 40 55	23°14'58	0♑48	0♍43	7° 0	4°59	23°21	11° 1	16°15	10°49	20° 8	3°22	4° 2	14°52	n.a.	T 21
F 22	21 44 52	24°13'44	14°11	2°26	6°31	5°36	23°31	10°59	16°15	10°48	20°10	3°15	3°58	14°58	n.a.	F 22
S 23	21 48 48	25°12'33	28° 1	4° 8	6° 1	6°12	23°40	10°56	16°14	10°46	20°12	3° 5	3°55	15° 5	n.a.	S 23
S 24	21 52 45	26°11'23	12♒17	5°49	5°29	6°49	23°50	10°53	16°14	10°44	20°13	2°55	3°52	15°12	n.a.	S 24
M25	21 56 41	27°10'15	26°52	7°29	4°56	7°25	23°59	10°51	16°14	10°43	20°15	2°45	3°49	15°18	n.a.	M25
T 26	22 0 38	28° 9'10	11♓41	9° 8	4°22	8° 2	24° 8	10°49	16°13	10°41	20°16	2°36	3°46	15°25	n.a.	T 26
W27	22 4 35	29° 8'06	26°33	10°46	3°47	8°38	24°17	10°46	16°13	10°40	20°18	2°29	3°42	15°32	n.a.	W27
T 28	22 8 31	0♍ 7'05	11♈22	12°23	3°11	9°15	24°26	10°44	16°13	10°38	20°19	2°25	3°39	15°38	n.a.	T 28
F 29	22 12 28	1° 6'07	26° 0	14° 0	2°34	9°51	24°34	10°42	16°13	10°36	20°21	2°D23	3°36	15°45	n.a.	F 29
S 30	22 16 24	2° 5'10	10♉24	15°35	1°58	10°27	24°43	10°40	16°D13	10°35	20°22	2°23	3°33	15°52	n.a.	S 30
S 31	22 20 21	3♍ 4'16	24♉30	17♍10	1♍21	11♋ 3	24♊51	10♑38	16♐13	10♓33	20♋24	2♏24	3♏30	15♎58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n33	7n47	1n41	23n 8	1n29	3n52	4s53	24n 6	0n35	23n13	0s 7	23s41	0s32	23s16	0s13	8s55	1s38	30n37	8n26	13s23	13s22	6s52		n.a.
S 2	19 19	11 59	0 28	22 53	1 34	3 36	5 5	24 9	0 36	23 14	0 7	23 42	0 32	23 15	0 13	8 56	1 38	30 37	8 26	13 23	13 21	6 54		n.a.
S 3	19 4	15 27	0s46	22 35	1 38	3 20	5 17	24 12	0 37	23 15	0 7	23 42	0 32	23 15	0 13	8 56	1 38	30 37	8 26	13 23	13 20	6 55		n.a.
M 4	18 50	18 0	1 56	22 14	1 42	3 5	5 28	24 14	0 37	23 16	0 7	23 42	0 32	23 15	0 13	8 57	1 38	30 37	8 27	13 23	13 19	6 57		n.a.
T 5	18 35	19 27	2 59	21 51	1 44	2 50	5 40	24 16	0 38	23 17	0 7	23 43	0 32	23 15	0 13	8 57	1 38	30 37	8 27	13 22	13 18	6 59		n.a.
W 6	18 19	19 47	3 51	21 27	1 46	2 36	5 52	24 18	0 39	23 18	0 7	23 43	0 32	23 15	0 13	8 58	1 38	30 37	8 27	13 20	13 17	7 1		n.a.
T 7	18 4	19 0	4 29	21 0	1 47	2 24	6 3	24 20	0 40	23 18	0 6	23 44	0 32	23 15	0 13	8 58	1 38	30 36	8 27	13 17	13 16	7 3		n.a.
F 8	17 48	17 12	4 53	20 31	1 48	2 12	6 15	24 22	0 40	23 19	0 6	23 44	0 32	23 15	0 13	8 59	1 38	30 36	8 27	13 13	13 15	7 5		n.a.
S 9	17 32	14 34	5 0	20 0	1 48	2 1	6 26	24 23	0 41	23 20	0 6	23 44	0 32	23 15	0 13	8 59	1 38	30 36	8 27	13 9	13 14	7 7		n.a.
S 10	17 15	11 17	4 53	19 28	1 47	1 51	6 38	24 25	0 42	23 21	0 6	23 45	0 32	23 14	0 13	9 0	1 38	30 36	8 27	13 5	13 13	7 9		n.a.
M11	16 59	7 34	4 32	18 55	1 46	1 42	6 49	24 26	0 43	23 22	0 6	23 45	0 32	23 14	0 13	9 1	1 38	30 36	8 28	13 0	13 12	7 10		n.a.
T 12	16 41	3 36	3 58	18 20	1 44	1 34	7 0	24 27	0 43	23 22	0 6	23 46	0 32	23 14	0 13	9 1	1 38	30 36	8 28	12 56	13 10	7 12		n.a.
W13	16 24	0s27	3 14	17 44	1 42	1 27	7 11	24 28	0 44	23 23	0 6	23 46	0 32	23 14	0 13	9 2	1 38	30 36	8 28	12 54	13 9	7 14		n.a.
T 14	16 6	4 27	2 22	17 7	1 39	1 21	7 21	24 28	0 45	23 24	0 6	23 46	0 32	23 14	0 13	9 2	1 38	30 36	8 28	12 52	13 8	7 16		n.a.
F 15	15 49	8 14	1 24	16 29	1 35	1 17	7 31	24 29	0 45	23 25	0 6	23 47	0 32	23 14	0 13	9 3	1 38	30 36	8 28	12 50	13 7	7 18		n.a.
S 16	15 30	11 42	0 23	15 50	1 32	1 14	7 41	24 29	0 46	23 25	0 6	23 47	0 32	23 14	0 13	9 4	1 38	30 35	8 29	12 50	13 6	7 20		n.a.
S 17	15 12	14 42	0n40	15 10	1 28	1 12	7 50	24 29	0 47	23 26	0 5	23 47	0 33	23 14	0 13	9 4	1 38	30 35	8 29	12 50	13 5	7 22		n.a.
M18	14 53	17 7	1 42	14 30	1 23	1 11	7 59	24 29	0 48	23 27	0 5	23 48	0 33	23 14	0 13	9 5	1 38	30 35	8 29	12 50	13 4	7 23		n.a.
T 19	14 34	18 48	2 41	13 49	1 19	1 12	8 7	24 29	0 48	23 27	0 5	23 48	0 33	23 14	0 13	9 5	1 38	30 35	8 29	12 50	13 3	7 25		n.a.
W20	14 15	19 38	3 33	13 7	1 14	1 14	8 15	24 28	0 49	23 28	0 5	23 48	0 33	23 14	0 13	9 6	1 38	30 35	8 29	12 49	13 2	7 27		n.a.
T 21	13 56	19 27	4 16	12 25	1 8	1 17	8 22	24 28	0 50	23 28	0 5	23 48	0 33	23 14	0 13	9 7	1 38	30 35	8 29	12 47	13 1	7 29		n.a.
F 22	13 36	18 12	4 47	11 43	1 3	1 22	8 28	24 27	0 51	23 29	0 5	23 49	0 33	23 14	0 13	9 7	1 38	30 35	8 30	12 45	13 0	7 31		n.a.
S 23	13 16	15 52	5 2	11 0	0 57	1 28	8 34	24 26	0 51	23 30	0 5	23 49	0 33	23 14	0 13	9 8	1 38	30 35	8 30	12 41	12 59	7 33		n.a.
S 24	12 56	12 32	4 59	10 17	0 51	1 35	8 38	24 25	0 52	23 30	0 5	23 49	0 33	23 14	0 13	9 9	1 39	30 35	8 30	12 38	12 57	7 34		n.a.
M25	12 36	8 22	4 37	9 34	0 45	1 43	8 42	24 24	0 53	23 31	0 5	23 49	0 33	23 13	0 13	9 9	1 39	30 35	8 30	12 34	12 56	7 36		n.a.
T 26	12 15	3 38	3 56	8 50	0 39	1 53	8 45	24 22	0 54	23 31	0 5	23 50	0 33	23 13	0 13	9 10	1 39	30 35	8 31	12 31	12 55	7 38		n.a.
W27	11 55	1n21	2 59	8 7	0 32	2 3	8 47	24 21	0 54	23 32	0 4	23 50	0 33	23 13	0 13	9 11	1 39	30 35	8 31	12 29	12 54	7 40		n.a.
T 28	11 34	6 14	1 50	7 23	0 26	2 15	8 48	24 19	0 55	23 32	0 4	23 50	0 33	23 13	0 13	9 11	1 39	30 35	8 31	12 27	12 53	7 42		n.a.
F 29	11 13	10 41	0 34	6 39	0 19	2 28	8 49	24 17	0 56	23 33	0 4	23 50	0 33	23 13	0 13	9 12	1 39	30 35	8 31	12 27	12 52	7 44		n.a.
S 30	10 51	14 26	0s43	5 56	0 12	2 41	8 48	24 15	0 57	23 33	0 4	23 51	0 33	23 13	0 13	9 12	1 39	30 35	8 31	12 27	12 51	7 45		n.a.
S 31	10n30	17n15	1s56	5n12	0n 5	2n56	8s46	24n13	0n57	23n33	0s 4	23s51	0s33	23s13	0s13	9s13	1s39	30n35	8n32	12s27	12s50	7s47		n.a.

Julian Day Number = 1620461.5, Delta T = 03h47m50s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'13, Lahiri = - 7°46'13 Julian Calendar 1 Aug. 277 BCE == Greg. Calendar 28 July 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

SEPTEMBER 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 24 17	4♍ 3'25	8♊18	18♍44	0°R44	11♋39	25♊ 0	10°R37	16♐13	10°R31	20♋25	2°R24	3♏27	16♎ 5	n.a.	M 1
T 2	22 28 14	5° 2'36	21°49	20°17	0♍ 8	12°15	25° 8	10♑35	16°13	10♓30	20°27	2♏23	3°23	16°12	n.a.	T 2
W 3	22 32 10	6° 1'50	5♋ 4	21°49	29♌33	12°51	25°16	10°33	16°13	10°28	20°28	2°19	3°20	16°18	n.a.	W 3
T 4	22 36 7	7° 1'06	18° 6	23°21	28°59	13°27	25°24	10°32	16°14	10°26	20°30	2°13	3°17	16°25	n.a.	T 4
F 5	22 40 3	8° 0'24	0♌54	24°51	28°26	14° 3	25°32	10°30	16°14	10°25	20°31	2° 5	3°14	16°32	n.a.	F 5
S 6	22 44 0	8°59'45	13°30	26°21	27°54	14°39	25°39	10°29	16°14	10°23	20°32	1°55	3°11	16°38	n.a.	S 6
S 7	22 47 57	9°59'08	25°55	27°50	27°23	15°14	25°47	10°28	16°15	10°21	20°34	1°45	3° 7	16°45	n.a.	S 7
M 8	22 51 53	10°58'33	8♍10	29°18	26°55	15°50	25°54	10°27	16°15	10°20	20°35	1°36	3° 4	16°52	n.a.	M 8
T 9	22 55 50	11°58'00	20°15	0♎45	26°28	16°26	26° 2	10°26	16°15	10°18	20°36	1°28	3° 1	16°58	n.a.	T 9
W10	22 59 46	12°57'29	2♎11	2°11	26° 3	17° 1	26° 9	10°25	16°16	10°16	20°37	1°21	2°58	17° 5	n.a.	W10
T 11	23 3 43	13°57'00	14° 2	3°37	25°41	17°36	26°16	10°24	16°17	10°15	20°39	1°17	2°55	17°11	n.a.	T 11
F 12	23 7 39	14°56'34	25°48	5° 1	25°20	18°12	26°22	10°23	16°17	10°13	20°40	1°D16	2°52	17°18	n.a.	F 12
S 13	23 11 36	15°56'09	7♏34	6°25	25° 2	18°47	26°29	10°23	16°18	10°11	20°41	1°16	2°48	17°25	n.a.	S 13
S 14	23 15 32	16°55'46	19°24	7°48	24°46	19°22	26°36	10°22	16°19	10°10	20°42	1°17	2°45	17°31	n.a.	S 14
M15	23 19 29	17°55'25	1♐22	9°10	24°32	19°57	26°42	10°22	16°19	10° 8	20°44	1°18	2°42	17°38	n.a.	M15
T 16	23 23 26	18°55'06	13°33	10°30	24°21	20°32	26°48	10°21	16°20	10° 6	20°45	1°R19	2°39	17°45	n.a.	T 16
W17	23 27 22	19°54'49	26° 2	11°50	24°13	21° 7	26°54	10°21	16°21	10° 5	20°46	1°19	2°36	17°51	n.a.	W17
T 18	23 31 19	20°54'34	8♑54	13° 8	24° 7	21°42	27° 0	10°21	16°22	10° 3	20°47	1°18	2°33	17°58	n.a.	T 18
F 19	23 35 15	21°54'21	22°13	14°25	24° 3	22°17	27° 6	10°D21	16°23	10° 1	20°48	1°14	2°29	18° 5	n.a.	F 19
S 20	23 39 12	22°54'09	6♒ 1	15°41	24°D 1	22°51	27°11	10°21	16°24	10° 0	20°49	1°10	2°26	18°11	n.a.	S 20
S 21	23 43 8	23°53'59	20°18	16°55	24° 2	23°26	27°17	10°21	16°25	9°58	20°50	1° 4	2°23	18°18	n.a.	S 21
M22	23 47 5	24°53'51	4♓59	18° 8	24° 6	24° 0	27°22	10°22	16°26	9°56	20°51	0°58	2°20	18°25	n.a.	M22
T 23	23 51 1	25°53'45	19°59	19°19	24°12	24°35	27°27	10°22	16°27	9°55	20°52	0°53	2°17	18°31	n.a.	T 23
W24	23 54 58	26°53'41	5♈ 8	20°28	24°20	25° 9	27°32	10°23	16°29	9°53	20°53	0°50	2°13	18°38	n.a.	W24
T 25	23 58 54	27°53'39	20°17	21°35	24°30	25°43	27°37	10°23	16°30	9°52	20°54	0°48	2°10	18°45	n.a.	T 25
F 26	0 2 51	28°53'39	5♉17	22°40	24°42	26°18	27°41	10°24	16°31	9°50	20°55	0°D47	2° 7	18°51	n.a.	F 26
S 27	0 6 48	29°53'41	20° 0	23°42	24°57	26°52	27°46	10°25	16°33	9°49	20°56	0°48	2° 4	18°58	n.a.	S 27
S 28	0 10 44	0♎53'46	4♊21	24°42	25°14	27°26	27°50	10°26	16°34	9°47	20°56	0°50	2° 1	19° 5	n.a.	S 28
M29	0 14 41	1°53'53	18°19	25°38	25°32	28° 0	27°54	10°27	16°36	9°45	20°57	0°51	1°58	19°11	n.a.	M29
T 30	0 18 37	2♎54'02	1♋53	26♎31	25♌53	28♋33	27♊58	10♑28	16♐37	9♓44	20♋58	0°R52	1♏54	19♎18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n 8	18n59	3s 0	4n29	0s 2	3n11	8s43	24n11	0n58	23n34	0s 4	23s51	0s33	23s13	0s13	9s14	1s39	30n35	8n32	12s27	12s49	7s49		n.a.
T 2	9 46	19 36	3 53	3 45	0 9	3 27	8 40	24 8	0 59	23 34	0 4	23 51	0 33	23 13	0 13	9 14	1 39	30 35	8 32	12 27	12 48	7 51		n.a.
W 3	9 24	19 5	4 32	3 2	0 16	3 43	8 35	24 5	1 0	23 35	0 4	23 51	0 33	23 13	0 13	9 15	1 39	30 35	8 32	12 25	12 47	7 53		n.a.
T 4	9 2	17 35	4 57	2 19	0 23	4 0	8 30	24 3	1 1	23 35	0 4	23 51	0 33	23 13	0 13	9 16	1 39	30 35	8 33	12 23	12 45	7 54		n.a.
F 5	8 40	15 13	5 6	1 36	0 30	4 17	8 24	24 0	1 1	23 35	0 4	23 52	0 33	23 13	0 13	9 16	1 39	30 35	8 33	12 20	12 44	7 56		n.a.
S 6	8 18	12 11	5 0	0 54	0 38	4 35	8 17	23 56	1 2	23 36	0 3	23 52	0 33	23 13	0 13	9 17	1 39	30 35	8 33	12 17	12 43	7 58		n.a.
S 7	7 55	8 39	4 40	0 11	0 45	4 52	8 9	23 53	1 3	23 36	0 3	23 52	0 33	23 14	0 13	9 18	1 39	30 35	8 33	12 14	12 42	8 0		n.a.
M 8	7 32	4 48	4 7	0s31	0 52	5 10	8 0	23 50	1 4	23 37	0 3	23 52	0 33	23 14	0 13	9 18	1 39	30 35	8 34	12 10	12 41	8 2		n.a.
T 9	7 9	0 48	3 23	1 12	0 59	5 28	7 51	23 46	1 5	23 37	0 3	23 52	0 34	23 14	0 13	9 19	1 39	30 35	8 34	12 7	12 40	8 4		n.a.
W10	6 46	3s11	2 31	1 54	1 6	5 45	7 41	23 43	1 5	23 37	0 3	23 52	0 34	23 14	0 13	9 20	1 39	30 35	8 34	12 5	12 39	8 5		n.a.
T 11	6 23	7 0	1 32	2 34	1 13	6 2	7 31	23 39	1 6	23 38	0 3	23 52	0 34	23 14	0 13	9 20	1 39	30 35	8 34	12 4	12 38	8 7		n.a.
F 12	6 0	10 33	0 30	3 15	1 21	6 19	7 20	23 35	1 7	23 38	0 3	23 52	0 34	23 14	0 13	9 21	1 39	30 35	8 35	12 3	12 37	8 9		n.a.
S 13	5 37	13 40	0n34	3 55	1 27	6 36	7 9	23 31	1 8	23 38	0 3	23 52	0 34	23 14	0 13	9 22	1 39	30 35	8 35	12 3	12 36	8 11		n.a.
S 14	5 13	16 14	1 37	4 34	1 34	6 52	6 57	23 26	1 9	23 38	0 3	23 53	0 34	23 14	0 13	9 22	1 39	30 35	8 35	12 4	12 34	8 12		n.a.
M15	4 50	18 8	2 36	5 13	1 41	7 8	6 45	23 22	1 9	23 39	0 2	23 53	0 34	23 14	0 13	9 23	1 39	30 35	8 36	12 4	12 33	8 14		n.a.
T 16	4 26	19 14	3 30	5 51	1 48	7 23	6 33	23 18	1 10	23 39	0 2	23 53	0 34	23 14	0 13	9 23	1 39	30 35	8 36	12 4	12 32	8 16		n.a.
W17	4 2	19 26	4 15	6 29	1 54	7 38	6 21	23 13	1 11	23 39	0 2	23 53	0 34	23 14	0 13	9 24	1 39	30 36	8 36	12 4	12 31	8 18		n.a.
T 18	3 39	18 38	4 48	7 6	2 0	7 52	6 8	23 8	1 12	23 39	0 2	23 53	0 34	23 14	0 13	9 25	1 39	30 36	8 36	12 4	12 30	8 20		n.a.
F 19	3 15	16 49	5 8	7 42	2 7	8 5	5 55	23 3	1 13	23 40	0 2	23 53	0 34	23 14	0 13	9 25	1 39	30 36	8 37	12 3	12 29	8 21		n.a.
S 20	2 51	13 59	5 10	8 17	2 13	8 17	5 42	22 58	1 14	23 40	0 2	23 53	0 34	23 14	0 13	9 26	1 39	30 36	8 37	12 1	12 28	8 23		n.a.
S 21	2 27	10 15	4 54	8 51	2 18	8 29	5 29	22 53	1 14	23 40	0 2	23 53	0 34	23 15	0 13	9 27	1 39	30 36	8 37	11 59	12 27	8 25		n.a.
M22	2 3	5 47	4 19	9 24	2 24	8 40	5 17	22 48	1 15	23 40	0 2	23 53	0 34	23 15	0 13	9 27	1 39	30 36	8 38	11 57	12 26	8 27		n.a.
T 23	1 39	0 53	3 25	9 56	2 29	8 51	5 4	22 43	1 16	23 41	0 1	23 53	0 34	23 15	0 13	9 28	1 39	30 36	8 38	11 55	12 24	8 29		n.a.
W24	1 15	4n 8	2 16	10 28	2 34	9 0	4 51	22 37	1 17	23 41	0 1	23 53	0 34	23 15	0 13	9 28	1 39	30 36	8 38	11 54	12 23	8 30		n.a.
T 25	0 51	8 54	0 57	10 57	2 38	9 9	4 38	22 32	1 18	23 41	0 1	23 53	0 34	23 15	0 13	9 29	1 39	30 37	8 38	11 53	12 22	8 32		n.a.
F 26	0 27	13 3	0s25	11 26	2 42	9 17	4 25	22 26	1 19	23 41	0 1	23 53	0 34	23 15	0 13	9 30	1 39	30 37	8 39	11 53	12 21	8 34		n.a.
S 27	0 3	16 17	1 43	11 53	2 46	9 24	4 13	22 20	1 19	23 41	0 1	23 53	0 34	23 15	0 13	9 30	1 39	30 37	8 39	11 53	12 20	8 36		n.a.
S 28	0s22	18 25	2 54	12 18	2 49	9 30	4 0	22 14	1 20	23 42	0 1	23 53	0 34	23 15	0 13	9 31	1 39	30 37	8 39	11 54	12 19	8 37		n.a.
M29	0 46	19 21	3 52	12 41	2 52	9 35	3 48	22 8	1 21	23 42	0 1	23 53	0 34	23 16	0 13	9 31	1 39	30 37	8 40	11 55	12 18	8 39		n.a.
T 30	1s10	19n 7	4s35	13s 3	2s54	9n40	3s35	22n 2	1n22	23n42	0s 1	23s53	0s34	23s16	0s13	9s32	1s39	30n37	8n40	11s55	12s17	8s41		n.a.

Julian Day Number = 1620492.5, Delta T = 03h47m49s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'09, Lahiri = - 7°46'09 Julian Calendar 1 Sept. 277 BCE == Greg. Calendar 28 Aug. 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

OCTOBER 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 22 34	3♎54'13	15♋ 5	27♎20	26♌15	29♋ 7	28♊ 2	10♉29	16♐39	9°R42	20♋59	0°R51	1♏51	19♎24	n.a.	W 1
T 2	0 26 30	4°54'27	27°58	28° 5	26°40	29°41	28° 5	10°30	16°40	9♓41	21° 0	0♏50	1°48	19°31	n.a.	T 2
F 3	0 30 27	5°54'42	10♌34	28°45	27° 6	0♌14	28° 9	10°32	16°42	9°40	21° 0	0°47	1°45	19°38	n.a.	F 3
S 4	0 34 23	6°55'00	22°56	29°19	27°34	0°48	28°12	10°33	16°44	9°38	21° 1	0°43	1°42	19°44	n.a.	S 4
S 5	0 38 20	7°55'20	5♍ 7	29°48	28° 3	1°21	28°15	10°35	16°45	9°37	21° 2	0°39	1°38	19°51	n.a.	S 5
M 6	0 42 17	8°55'42	17° 9	0♏10	28°34	1°54	28°17	10°37	16°47	9°35	21° 2	0°35	1°35	19°58	n.a.	M 6
T 7	0 46 13	9°56'05	29° 4	0°25	29° 7	2°27	28°20	10°38	16°49	9°34	21° 3	0°32	1°32	20° 4	n.a.	T 7
W 8	0 50 10	10°56'31	10♎55	0°R32	29°41	3° 0	28°22	10°40	16°51	9°32	21° 3	0°30	1°29	20°11	n.a.	W 8
T 9	0 54 6	11°56'58	22°42	0°31	0♏16	3°33	28°25	10°42	16°53	9°31	21° 4	0°28	1°26	20°18	n.a.	T 9
F 10	0 58 3	12°57'27	4♏29	0°20	0°53	4° 6	28°27	10°44	16°55	9°30	21° 4	0°D28	1°23	20°24	n.a.	F 10
S 11	1 1 59	13°57'58	16°17	0° 0	1°31	4°39	28°28	10°47	16°57	9°28	21° 5	0°29	1°19	20°31	n.a.	S 11
S 12	1 5 56	14°58'30	28°11	29♎30	2°10	5°11	28°30	10°49	16°59	9°27	21° 5	0°30	1°16	20°38	n.a.	S 12
M13	1 9 52	15°59'04	10♐11	28°49	2°51	5°44	28°31	10°51	17° 1	9°26	21° 6	0°32	1°13	20°44	n.a.	M13
T 14	1 13 49	16°59'39	22°24	27°59	3°32	6°16	28°33	10°54	17° 3	9°25	21° 6	0°33	1°10	20°51	n.a.	T 14
W15	1 17 45	18° 0'16	4♑52	26°59	4°15	6°48	28°34	10°56	17° 6	9°23	21° 7	0°34	1° 7	20°58	n.a.	W15
T 16	1 21 42	19° 0'54	17°39	25°51	4°59	7°20	28°35	10°59	17° 8	9°22	21° 7	0°R34	1° 4	21° 4	n.a.	T 16
F 17	1 25 39	20° 1'33	0♒50	24°36	5°44	7°52	28°35	11° 2	17°10	9°21	21° 7	0°34	1° 0	21°11	n.a.	F 17
S 18	1 29 35	21° 2'14	14°28	23°17	6°30	8°24	28°36	11° 5	17°12	9°20	21° 8	0°33	0°57	21°17	n.a.	S 18
S 19	1 33 32	22° 2'55	28°32	21°56	7°17	8°56	28°36	11° 8	17°15	9°19	21° 8	0°32	0°54	21°24	n.a.	S 19
M20	1 37 28	23° 3'38	13♓ 3	20°35	8° 5	9°27	28°R36	11°11	17°17	9°18	21° 8	0°31	0°51	21°31	n.a.	M20
T 21	1 41 25	24° 4'22	27°55	19°18	8°53	9°59	28°36	11°14	17°20	9°16	21° 8	0°31	0°48	21°37	n.a.	T 21
W22	1 45 21	25° 5'08	13♈ 4	18° 6	9°43	10°30	28°35	11°17	17°22	9°15	21° 8	0°30	0°44	21°44	n.a.	W22
T 23	1 49 18	26° 5'55	28°18	17° 2	10°33	11° 1	28°35	11°21	17°25	9°14	21° 8	0°D30	0°41	21°51	n.a.	T 23
F 24	1 53 14	27° 6'43	13♉30	16° 8	11°24	11°32	28°34	11°24	17°27	9°13	21° 9	0°30	0°38	21°57	n.a.	F 24
S 25	1 57 11	28° 7'33	28°28	15°25	12°16	12° 3	28°33	11°28	17°30	9°12	21° 9	0°30	0°35	22° 4	n.a.	S 25
S 26	2 1 8	29° 8'24	13♊ 7	14°53	13° 9	12°34	28°32	11°31	17°32	9°11	21° 9	0°30	0°32	22°11	n.a.	S 26
M27	2 5 4	0♏ 9'17	27°20	14°33	14° 3	13° 5	28°31	11°35	17°35	9°10	21°R 9	0°R30	0°29	22°17	n.a.	M27
T 28	2 9 1	1°10'11	11♋ 5	14°D25	14°57	13°35	28°29	11°39	17°38	9°10	21° 9	0°30	0°25	22°24	n.a.	T 28
W29	2 12 57	2°11'07	24°24	14°27	15°52	14° 6	28°27	11°43	17°40	9° 9	21° 9	0°30	0°22	22°31	n.a.	W29
T 30	2 16 54	3°12'04	7♌18	14°40	16°47	14°36	28°25	11°47	17°43	9° 8	21° 9	0°D30	0°19	22°37	n.a.	T 30
F 31	2 20 50	4♏13'03	19♌51	15♎ 2	17♍43	15♌ 6	28♊23	11♉51	17♐46	9♓ 7	21♋ 9	0♏31	0♏16	22♎44	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1s34	17n51	5s 3	13s22	2s56	9n44	3s23	21n56	1n23	23n42	0s 0	23s52	0s34	23s16	0s13	9s32	1s39	30n38	8n40	11s55	12s16	8s43		n.a.
T 2	1 58	15 41	5 14	13 39	2 56	9 47	3 11	21 50	1 24	23 42	0 0	23 52	0 34	23 16	0 13	9 33	1 39	30 38	8 41	11 54	12 15	8 44		n.a.
F 3	2 23	12 50	5 10	13 54	2 56	9 49	3 0	21 43	1 25	23 43	0 0	23 52	0 34	23 16	0 13	9 34	1 39	30 38	8 41	11 53	12 13	8 46		n.a.
S 4	2 47	9 27	4 51	14 6	2 55	9 50	2 48	21 37	1 26	23 43	0 0	23 52	0 34	23 16	0 13	9 34	1 39	30 38	8 41	11 52	12 12	8 48		n.a.
S 5	3 11	5 43	4 20	14 14	2 53	9 51	2 37	21 30	1 27	23 43	0n 0	23 52	0 34	23 17	0 13	9 35	1 39	30 38	8 42	11 50	12 11	8 50		n.a.
M 6	3 35	1 49	3 37	14 19	2 50	9 50	2 26	21 24	1 27	23 43	0 0	23 52	0 34	23 17	0 13	9 35	1 38	30 39	8 42	11 49	12 10	8 51		n.a.
T 7	3 59	2s 9	2 45	14 21	2 46	9 49	2 15	21 17	1 28	23 43	0 0	23 52	0 34	23 17	0 13	9 36	1 38	30 39	8 42	11 48	12 9	8 53		n.a.
W 8	4 23	6 0	1 46	14 18	2 40	9 47	2 4	21 10	1 29	23 43	0 0	23 52	0 34	23 17	0 13	9 36	1 38	30 39	8 42	11 47	12 8	8 55		n.a.
T 9	4 47	9 36	0 43	14 11	2 33	9 45	1 53	21 3	1 30	23 44	0 1	23 52	0 34	23 17	0 13	9 37	1 38	30 39	8 43	11 46	12 7	8 57		n.a.
F 10	5 11	12 49	0n22	13 59	2 25	9 41	1 43	20 56	1 31	23 44	0 1	23 51	0 34	23 18	0 13	9 37	1 38	30 39	8 43	11 46	12 6	8 58		n.a.
S 11	5 34	15 32	1 27	13 42	2 15	9 37	1 33	20 49	1 32	23 44	0 1	23 51	0 34	23 18	0 13	9 38	1 38	30 40	8 43	11 47	12 4	9 0		n.a.
S 12	5 58	17 36	2 28	13 20	2 3	9 32	1 23	20 42	1 33	23 44	0 1	23 51	0 34	23 18	0 13	9 38	1 38	30 40	8 44	11 47	12 3	9 2		n.a.
M13	6 22	18 54	3 23	12 52	1 49	9 26	1 14	20 35	1 34	23 44	0 1	23 51	0 34	23 18	0 13	9 39	1 38	30 40	8 44	11 48	12 2	9 4		n.a.
T 14	6 45	19 21	4 10	12 20	1 33	9 20	1 4	20 28	1 35	23 44	0 1	23 51	0 34	23 18	0 13	9 39	1 38	30 40	8 44	11 48	12 1	9 5		n.a.
W15	7 9	18 52	4 47	11 42	1 16	9 13	0 55	20 20	1 36	23 45	0 1	23 51	0 34	23 19	0 13	9 39	1 38	30 41	8 45	11 48	12 0	9 7		n.a.
T 16	7 32	17 26	5 10	11 0	0 58	9 5	0 46	20 13	1 37	23 45	0 2	23 50	0 34	23 19	0 13	9 40	1 38	30 41	8 45	11 48	11 59	9 9		n.a.
F 17	7 55	15 2	5 18	10 14	0 38	8 57	0 37	20 6	1 38	23 45	0 2	23 50	0 35	23 19	0 13	9 40	1 38	30 41	8 45	11 48	11 58	9 10		n.a.
S 18	8 18	11 46	5 9	9 26	0 18	8 48	0 28	19 58	1 39	23 45	0 2	23 50	0 35	23 19	0 13	9 41	1 38	30 41	8 46	11 48	11 57	9 12		n.a.
S 19	8 41	7 44	4 41	8 36	0n 3	8 38	0 20	19 51	1 40	23 45	0 2	23 50	0 35	23 19	0 13	9 41	1 38	30 42	8 46	11 48	11 56	9 14		n.a.
M20	9 4	3 8	3 55	7 46	0 24	8 27	0 12	19 43	1 41	23 45	0 2	23 49	0 35	23 20	0 13	9 41	1 38	30 42	8 46	11 48	11 54	9 16		n.a.
T 21	9 27	1n47	2 52	6 58	0 43	8 16	0 4	19 35	1 42	23 45	0 2	23 49	0 35	23 20	0 13	9 42	1 38	30 42	8 47	11 47	11 53	9 17		n.a.
W22	9 49	6 41	1 36	6 13	1 2	8 5	0n 4	19 28	1 43	23 46	0 2	23 49	0 35	23 20	0 13	9 42	1 38	30 43	8 47	11 47	11 52	9 19		n.a.
T 23	10 12	11 11	0 12	5 33	1 20	7 52	0 11	19 20	1 44	23 46	0 3	23 49	0 35	23 20	0 13	9 43	1 38	30 43	8 47	11 47	11 51	9 21		n.a.
F 24	10 34	14 56	1s12	4 58	1 35	7 39	0 18	19 12	1 45	23 46	0 3	23 48	0 35	23 21	0 13	9 43	1 38	30 43	8 48	11 47	11 50	9 22		n.a.
S 25	10 56	17 38	2 30	4 28	1 49	7 26	0 26	19 4	1 46	23 46	0 3	23 48	0 35	23 21	0 13	9 43	1 38	30 44	8 48	11 47	11 49	9 24		n.a.
S 26	11 18	19 5	3 36	4 5	2 1	7 12	0 32	18 57	1 47	23 46	0 3	23 48	0 35	23 21	0 13	9 44	1 38	30 44	8 48	11 47	11 48	9 26		n.a.
M27	11 40	19 15	4 27	3 48	2 10	6 57	0 39	18 49	1 48	23 46	0 3	23 48	0 35	23 21	0 13	9 44	1 38	30 44	8 49	11 47	11 47	9 28		n.a.
T 28	12 1	18 16	5 0	3 38	2 18	6 42	0 46	18 41	1 49	23 46	0 3	23 47	0 35	23 22	0 13	9 44	1 38	30 44	8 49	11 47	11 45	9 29		n.a.
W29	12 23	16 18	5 17	3 33	2 24	6 26	0 52	18 33	1 50	23 46	0 3	23 47	0 35	23 22	0 13	9 45	1 38	30 45	8 49	11 47	11 44	9 31		n.a.
T 30	12 44	13 34	5 16	3 34	2 28	6 10	0 58	18 25	1 51	23 47	0 4	23 47	0 35	23 22	0 13	9 45	1 38	30 45	8 50	11 47	11 43	9 33		n.a.
F 31	13s 5	10n17	5s 0	3s40	2n31	5n53	1n 4	18n17	1n52	23n47	0n 4	23s46	0s35	23s22	0s13	9s45	1s38	30n45	8n50	11s47	11s42	9s34		n.a.

Julian Day Number = 1620522.5, Delta T = 03h47m48s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'05, Lahiri = - 7°46'05 Julian Calendar 1 Oct. 277 BCE == Greg. Calendar 27 Sept. 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

NOVEMBER 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 24 47	5♏14'03	2♍ 7	15♎33	18♍40	15♌36	28°R21	11♑55	17♐49	9°R 6	21°R 8	0♏31	0♏13	22♎51	n.a.	S 1
S 2	2 28 43	6°15'04	14°10	16°11	19°37	16° 5	28♊18	11°59	17°52	9♓ 6	21♋ 8	0°31	0°10	22°57	n.a.	S 2
M 3	2 32 40	7°16'07	26° 5	16°56	20°35	16°35	28°16	12° 3	17°55	9° 5	21° 8	0°32	0° 6	23° 4	n.a.	M 3
T 4	2 36 37	8°17'10	7♎54	17°47	21°33	17° 4	28°13	12° 8	17°57	9° 4	21° 8	0°33	0° 3	23°10	n.a.	T 4
W 5	2 40 33	9°18'15	19°41	18°44	22°32	17°33	28°10	12°12	18° 0	9° 3	21° 8	0°34	29♎59	23°17	n.a.	W 5
T 6	2 44 30	10°19'21	1♏28	19°45	23°31	18° 2	28° 6	12°17	18° 3	9° 3	21° 7	0°R34	29°57	23°24	n.a.	T 6
F 7	2 48 26	11°20'28	13°18	20°50	24°31	18°31	28° 3	12°21	18° 6	9° 2	21° 7	0°33	29°54	23°30	n.a.	F 7
S 8	2 52 23	12°21'36	25°14	21°58	25°32	19° 0	27°59	12°26	18° 9	9° 2	21° 7	0°32	29°50	23°37	n.a.	S 8
S 9	2 56 19	13°22'45	7♐16	23°10	26°32	19°28	27°55	12°31	18°13	9° 1	21° 6	0°31	29°47	23°44	n.a.	S 9
M10	3 0 16	14°23'54	19°27	24°24	27°34	19°56	27°51	12°36	18°16	9° 1	21° 6	0°29	29°44	23°50	n.a.	M10
T 11	3 4 12	15°25'04	1♑49	25°40	28°35	20°24	27°47	12°41	18°19	9° 0	21° 6	0°27	29°41	23°57	n.a.	T 11
W12	3 8 9	16°26'15	14°24	26°59	29°37	20°52	27°43	12°46	18°22	9° 0	21° 5	0°24	29°38	24° 4	n.a.	W12
T 13	3 12 6	17°27'26	27°14	28°19	0♒39	21°20	27°38	12°51	18°25	8°59	21° 5	0°23	29°35	24°10	n.a.	T 13
F 14	3 16 2	18°28'37	10♒22	29°41	1°42	21°47	27°33	12°56	18°28	8°59	21° 4	0°22	29°31	24°17	n.a.	F 14
S 15	3 19 59	19°29'49	23°50	1♏ 4	2°45	22°14	27°28	13° 1	18°32	8°59	21° 4	0°D21	29°28	24°24	n.a.	S 15
S 16	3 23 55	20°31'01	7♓40	2°28	3°49	22°41	27°23	13° 6	18°35	8°58	21° 3	0°22	29°25	24°30	n.a.	S 16
M17	3 27 52	21°32'13	21°52	3°53	4°52	23° 8	27°18	13°12	18°38	8°58	21° 2	0°23	29°22	24°37	n.a.	M17
T 18	3 31 48	22°33'25	6♈25	5°18	5°56	23°35	27°13	13°17	18°41	8°58	21° 2	0°25	29°19	24°44	n.a.	T 18
W19	3 35 45	23°34'37	21°14	6°45	7° 1	24° 1	27° 7	13°22	18°45	8°58	21° 1	0°26	29°15	24°50	n.a.	W19
T 20	3 39 41	24°35'50	6♉15	8°12	8° 6	24°27	27° 1	13°28	18°48	8°58	21° 1	0°R26	29°12	24°57	n.a.	T 20
F 21	3 43 38	25°37'03	21°20	9°40	9°11	24°53	26°56	13°34	18°51	8°58	21° 0	0°25	29° 9	25° 3	n.a.	F 21
S 22	3 47 35	26°38'16	6♊18	11° 9	10°16	25°18	26°50	13°39	18°55	8°57	20°59	0°22	29° 6	25°10	n.a.	S 22
S 23	3 51 31	27°39'30	21° 2	12°38	11°21	25°44	26°43	13°45	18°58	8°57	20°58	0°19	29° 3	25°17	n.a.	S 23
M24	3 55 28	28°40'45	5♋25	14° 7	12°27	26° 9	26°37	13°51	19° 1	8°D57	20°58	0°14	29° 0	25°23	n.a.	M24
T 25	3 59 24	29°41'59	19°21	15°37	13°33	26°33	26°31	13°57	19° 5	8°57	20°57	0°10	28°56	25°30	n.a.	T 25
W26	4 3 21	0♐43'14	2♌49	17° 7	14°40	26°58	26°24	14° 2	19° 8	8°57	20°56	0° 6	28°53	25°37	n.a.	W26
T 27	4 7 17	1°44'29	15°51	18°37	15°46	27°22	26°18	14° 8	19°12	8°58	20°55	0° 3	28°50	25°43	n.a.	T 27
F 28	4 11 14	2°45'45	28°28	20° 8	16°53	27°46	26°11	14°14	19°15	8°58	20°54	0°D 2	28°47	25°50	n.a.	F 28
S 29	4 15 11	3°47'01	10♍45	21°40	18° 0	28°10	26° 4	14°20	19°19	8°58	20°53	0° 2	28°44	25°57	n.a.	S 29
S 30	4 19 7	4♐48'17	22♍47	23♏11	19♎ 8	28♌33	25♊57	14♑26	19♐22	8♓58	20♋53	0♏ 4	28♎41	26♎ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s25	6n38	4s31	3s51	2n32	5n36	1n10	18n 9	1n53	23n47	0n 4	23s46	0s35	23s23	0s13	9s45	1s38	30n46	8n50	11s47	11s41	9s36		n.a.
S 2	13 46	2 46	3 51	4 6	2 32	5 18	1 15	18 1	1 54	23 47	0 4	23 45	0 35	23 23	0 13	9 46	1 38	30 46	8 51	11 48	11 40	9 38		n.a.
M 3	14 6	1s11	3 0	4 24	2 31	5 0	1 20	17 53	1 55	23 47	0 4	23 45	0 35	23 23	0 13	9 46	1 38	30 46	8 51	11 48	11 39	9 39		n.a.
T 4	14 26	5 3	2 3	4 46	2 29	4 42	1 25	17 45	1 56	23 47	0 4	23 45	0 35	23 24	0 13	9 46	1 38	30 47	8 51	11 48	11 37	9 41		n.a.
W 5	14 46	8 43	1 0	5 10	2 27	4 23	1 30	17 37	1 58	23 47	0 4	23 44	0 35	23 24	0 13	9 46	1 37	30 47	8 52	11 48	11 36	9 43		n.a.
T 6	15 6	12 3	0n 5	5 36	2 23	4 3	1 35	17 29	1 59	23 47	0 5	23 44	0 35	23 24	0 13	9 46	1 37	30 48	8 52	11 48	11 35	9 44		n.a.
F 7	15 25	14 54	1 10	6 5	2 19	3 43	1 40	17 21	2 0	23 47	0 5	23 44	0 35	23 24	0 13	9 47	1 37	30 48	8 52	11 48	11 34	9 46		n.a.
S 8	15 44	17 9	2 13	6 35	2 14	3 23	1 44	17 13	2 1	23 48	0 5	23 43	0 35	23 25	0 13	9 47	1 37	30 48	8 53	11 48	11 33	9 48		n.a.
S 9	16 3	18 40	3 10	7 7	2 9	3 3	1 48	17 5	2 2	23 48	0 5	23 43	0 35	23 25	0 13	9 47	1 37	30 49	8 53	11 47	11 32	9 49		n.a.
M10	16 21	19 20	3 59	7 39	2 3	2 42	1 52	16 57	2 3	23 48	0 5	23 42	0 35	23 25	0 13	9 47	1 37	30 49	8 53	11 47	11 31	9 51		n.a.
T 11	16 39	19 5	4 38	8 13	1 57	2 20	1 56	16 49	2 4	23 48	0 5	23 42	0 35	23 25	0 13	9 47	1 37	30 49	8 53	11 46	11 30	9 53		n.a.
W12	16 57	17 54	5 4	8 48	1 51	1 59	2 0	16 41	2 6	23 48	0 6	23 41	0 35	23 26	0 13	9 47	1 37	30 50	8 54	11 45	11 28	9 54		n.a.
T 13	17 15	15 48	5 16	9 22	1 45	1 37	2 3	16 34	2 7	23 48	0 6	23 41	0 35	23 26	0 13	9 47	1 37	30 50	8 54	11 44	11 27	9 56		n.a.
F 14	17 32	12 51	5 12	9 58	1 38	1 15	2 7	16 26	2 8	23 48	0 6	23 40	0 35	23 26	0 13	9 48	1 37	30 51	8 54	11 44	11 26	9 58		n.a.
S 15	17 49	9 10	4 50	10 33	1 31	0 52	2 10	16 18	2 9	23 48	0 6	23 40	0 35	23 27	0 13	9 48	1 37	30 51	8 55	11 44	11 25	9 59		n.a.
S 16	18 6	4 54	4 12	11 9	1 24	0 30	2 13	16 10	2 10	23 48	0 6	23 39	0 35	23 27	0 13	9 48	1 37	30 51	8 55	11 44	11 24	10 1		n.a.
M17	18 22	0 15	3 17	11 45	1 17	0 7	2 15	16 2	2 12	23 48	0 6	23 39	0 35	23 27	0 13	9 48	1 37	30 52	8 55	11 45	11 23	10 3		n.a.
T 18	18 38	4n33	2 9	12 21	1 10	0s17	2 18	15 55	2 13	23 48	0 6	23 38	0 35	23 27	0 13	9 48	1 37	30 52	8 56	11 45	11 22	10 4		n.a.
W19	18 53	9 10	0 51	12 57	1 3	0 40	2 21	15 47	2 14	23 48	0 7	23 38	0 35	23 28	0 13	9 48	1 37	30 53	8 56	11 46	11 20	10 6		n.a.
T 20	19 9	13 16	0s32	13 32	0 55	1 4	2 23	15 39	2 15	23 48	0 7	23 37	0 35	23 28	0 13	9 48	1 37	30 53	8 56	11 46	11 19	10 8		n.a.
F 21	19 24	16 30	1 53	14 7	0 48	1 28	2 25	15 32	2 17	23 48	0 7	23 37	0 35	23 28	0 13	9 48	1 37	30 53	8 56	11 45	11 18	10 9		n.a.
S 22	19 38	18 35	3 5	14 42	0 41	1 52	2 27	15 24	2 18	23 48	0 7	23 36	0 36	23 29	0 13	9 48	1 37	30 54	8 57	11 44	11 17	10 11		n.a.
S 23	19 52	19 22	4 3	15 17	0 34	2 16	2 29	15 17	2 19	23 48	0 7	23 36	0 36	23 29	0 13	9 48	1 37	30 54	8 57	11 43	11 16	10 13		n.a.
M24	20 6	18 52	4 45	15 51	0 26	2 40	2 31	15 9	2 20	23 48	0 7	23 35	0 36	23 29	0 13	9 48	1 37	30 55	8 57	11 41	11 15	10 14		n.a.
T 25	20 20	17 14	5 8	16 24	0 19	3 5	2 32	15 2	2 22	23 48	0 8	23 35	0 36	23 29	0 13	9 48	1 37	30 55	8 58	11 40	11 14	10 16		n.a.
W26	20 33	14 41	5 13	16 57	0 12	3 29	2 34	14 54	2 23	23 48	0 8	23 34	0 36	23 30	0 13	9 48	1 37	30 55	8 58	11 39	11 13	10 17		n.a.
T 27	20 45	11 28	5 2	17 30	0 5	3 54	2 35	14 47	2 24	23 48	0 8	23 33	0 36	23 30	0 13	9 48	1 36	30 56	8 58	11 38	11 11	10 19		n.a.
F 28	20 58	7 50	4 36	18 1	0s 2	4 19	2 36	14 40	2 26	23 48	0 8	23 33	0 36	23 30	0 13	9 47	1 36	30 56	8 58	11 37	11 10	10 21		n.a.
S 29	21 10	3 57	3 58	18 33	0 9	4 44	2 37	14 33	2 27	23 48	0 8	23 32	0 36	23 31	0 13	9 47	1 36	30 57	8 59	11 37	11 9	10 22		n.a.
S 30	21s21	0s 1	3s10	19s 3	0s16	5s 9	2n38	14n26	2n29	23n48	0n 8	23s32	0s36	23s31	0s13	9s47	1s36	30n57	8n59	11s38	11s 8	10s24		n.a.

Julian Day Number = 1620553.5, Delta T = 03h47m47s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°53'01, Lahiri = - 7°46'00 Julian Calendar 1 Nov. 277 BCE == Greg. Calendar 28 Oct. 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 277 BCE
geocentric

DECEMBER 277 BCE (-276) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 23 4	5♐49'34	4♎38	24♏43	20♎15	28♌56	25°R50	14♑33	19♐26	8♓58	20°R52	0♏ 5	28♎37	26♎10	n.a.	M 1
T 2	4 27 0	6°50'50	16°25	26°16	21°23	29°19	25♊43	14°39	19°29	8°59	20♋51	0° 7	28°34	26°17	n.a.	T 2
W 3	4 30 57	7°52'07	28°11	27°48	22°31	29°42	25°35	14°45	19°33	8°59	20°50	0°R 8	28°31	26°23	n.a.	W 3
T 4	4 34 53	8°53'24	10♏ 1	29°21	23°39	0♍ 4	25°28	14°51	19°36	8°59	20°49	0° 7	28°28	26°30	n.a.	T 4
F 5	4 38 50	9°54'41	21°57	0♐55	24°47	0°26	25°20	14°58	19°40	9° 0	20°48	0° 5	28°25	26°36	n.a.	F 5
S 6	4 42 46	10°55'57	4♐ 2	2°28	25°56	0°47	25°13	15° 4	19°43	9° 0	20°47	0° 0	28°21	26°43	n.a.	S 6
S 7	4 46 43	11°57'14	16°18	4° 3	27° 4	1° 8	25° 5	15°11	19°47	9° 0	20°46	29♎54	28°18	26°50	n.a.	S 7
M 8	4 50 40	12°58'30	28°45	5°37	28°13	1°29	24°57	15°17	19°50	9° 1	20°45	29°46	28°15	26°56	n.a.	M 8
T 9	4 54 36	13°59'46	11♑25	7°12	29°22	1°50	24°50	15°24	19°54	9° 1	20°43	29°38	28°12	27° 3	n.a.	T 9
W10	4 58 33	15° 1'01	24°17	8°47	0♏31	2°10	24°42	15°30	19°57	9° 2	20°42	29°29	28° 9	27°10	n.a.	W10
T 11	5 2 29	16° 2'15	7♒21	10°23	1°40	2°29	24°34	15°37	20° 1	9° 3	20°41	29°22	28° 6	27°16	n.a.	T 11
F 12	5 6 26	17° 3'29	20°38	11°59	2°50	2°49	24°26	15°43	20° 4	9° 3	20°40	29°17	28° 2	27°23	n.a.	F 12
S 13	5 10 22	18° 4'42	4♓ 8	13°36	3°59	3° 7	24°18	15°50	20° 8	9° 4	20°39	29°14	27°59	27°30	n.a.	S 13
S 14	5 14 19	19° 5'54	17°52	15°13	5° 9	3°26	24°10	15°57	20°12	9° 4	20°38	29°D13	27°56	27°36	n.a.	S 14
M15	5 18 15	20° 7'05	1♈50	16°51	6°19	3°44	24° 2	16° 4	20°15	9° 5	20°36	29°13	27°53	27°43	n.a.	M15
T 16	5 22 12	21° 8'16	16° 2	18°29	7°28	4° 2	23°54	16°10	20°19	9° 6	20°35	29°14	27°50	27°50	n.a.	T 16
W17	5 26 9	22° 9'25	0♉28	20° 7	8°38	4°19	23°46	16°17	20°22	9° 7	20°34	29°R15	27°47	27°56	n.a.	W17
T 18	5 30 5	23°10'34	15° 3	21°47	9°49	4°36	23°38	16°24	20°26	9° 8	20°33	29°14	27°43	28° 3	n.a.	T 18
F 19	5 34 2	24°11'41	29°44	23°26	10°59	4°52	23°30	16°31	20°29	9° 8	20°32	29°10	27°40	28°10	n.a.	F 19
S 20	5 37 58	25°12'48	14♊24	25° 7	12° 9	5° 8	23°22	16°38	20°33	9° 9	20°30	29° 4	27°37	28°16	n.a.	S 20
S 21	5 41 55	26°13'54	28°56	26°48	13°20	5°24	23°14	16°45	20°37	9°10	20°29	28°56	27°34	28°23	n.a.	S 21
M22	5 45 51	27°14'59	13♋12	28°29	14°30	5°39	23° 6	16°52	20°40	9°11	20°28	28°46	27°31	28°29	n.a.	M22
T 23	5 49 48	28°16'03	27° 8	0♑11	15°41	5°53	22°58	16°59	20°44	9°12	20°26	28°36	27°27	28°36	n.a.	T 23
W24	5 53 45	29°17'06	10♌39	1°54	16°51	6° 7	22°50	17° 6	20°47	9°13	20°25	28°26	27°24	28°43	n.a.	W24
T 25	5 57 41	0♑18'09	23°45	3°37	18° 2	6°21	22°42	17°13	20°51	9°14	20°24	28°19	27°21	28°49	n.a.	T 25
F 26	6 1 38	1°19'10	6♍26	5°20	19°13	6°34	22°34	17°20	20°54	9°15	20°22	28°13	27°18	28°56	n.a.	F 26
S 27	6 5 34	2°20'11	18°47	7° 5	20°24	6°46	22°26	17°27	20°58	9°16	20°21	28°10	27°15	29° 3	n.a.	S 27
S 28	6 9 31	3°21'11	0♎51	8°49	21°35	6°58	22°18	17°34	21° 1	9°17	20°20	28°D 9	27°12	29° 9	n.a.	S 28
M29	6 13 27	4°22'11	12°44	10°34	22°47	7°10	22°10	17°41	21° 5	9°19	20°18	28° 9	27° 8	29°16	n.a.	M29
T 30	6 17 24	5°23'09	24°31	12°20	23°58	7°21	22° 3	17°48	21° 8	9°20	20°17	28°R10	27° 5	29°23	n.a.	T 30
W31	6 21 20	6♑24'07	6♏18	14♑ 6	25♏ 9	7♍31	21♊55	17♑55	21♐12	9♓21	20♋15	28♎ 9	27♎ 2	29♎29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21 s32	3 s56	2 s15	19 s32	0 s22	5 s34	2n38	14n19	2n30	23n48	0n 9	23 s31	0 s36	23 s31	0 s13	9 s47	1 s36	30n57	8n59	11 s38	11 s 7	10 s26			n.a.
T 2	21 43	7 40	1 14	20 1	0 29	5 59	2 39	14 12	2 31	23 48	0 9	23 30	0 36	23 31	0 13	9 47	1 36	30 58	9 0	11 39	11 6	10 27			n.a.
W 3	21 53	11 7	0 11	20 29	0 35	6 24	2 39	14 6	2 33	23 48	0 9	23 30	0 36	23 32	0 13	9 47	1 36	30 58	9 0	11 39	11 5	10 29			n.a.
T 4	22 3	14 9	0n54	20 56	0 42	6 49	2 40	13 59	2 34	23 48	0 9	23 29	0 36	23 32	0 13	9 47	1 36	30 59	9 0	11 39	11 3	10 30			n.a.
F 5	22 12	16 36	1 56	21 22	0 48	7 14	2 40	13 52	2 36	23 48	0 9	23 28	0 36	23 32	0 13	9 46	1 36	30 59	9 0	11 38	11 2	10 32			n.a.
S 6	22 21	18 22	2 54	21 47	0 54	7 39	2 40	13 46	2 37	23 48	0 9	23 28	0 36	23 33	0 13	9 46	1 36	31 0	9 1	11 37	11 1	10 34			n.a.
S 7	22 30	19 18	3 44	22 11	1 0	8 4	2 40	13 40	2 39	23 48	0 9	23 27	0 36	23 33	0 13	9 46	1 36	31 0	9 1	11 34	11 0	10 35			n.a.
M 8	22 38	19 18	4 25	22 34	1 5	8 29	2 40	13 34	2 40	23 47	0 10	23 26	0 36	23 33	0 13	9 46	1 36	31 0	9 1	11 31	10 59	10 37			n.a.
T 9	22 45	18 22	4 53	22 56	1 11	8 54	2 39	13 28	2 41	23 47	0 10	23 26	0 36	23 33	0 13	9 46	1 36	31 1	9 1	11 28	10 58	10 38			n.a.
W10	22 52	16 29	5 7	23 17	1 16	9 19	2 39	13 22	2 43	23 47	0 10	23 25	0 36	23 34	0 13	9 45	1 36	31 1	9 2	11 25	10 56	10 40			n.a.
T 11	22 59	13 44	5 5	23 36	1 21	9 44	2 38	13 16	2 44	23 47	0 10	23 24	0 36	23 34	0 13	9 45	1 36	31 2	9 2	11 23	10 55	10 42			n.a.
F 12	23 5	10 15	4 47	23 55	1 26	10 8	2 38	13 10	2 46	23 47	0 10	23 23	0 36	23 34	0 13	9 45	1 36	31 2	9 2	11 21	10 54	10 43			n.a.
S 13	23 11	6 11	4 13	24 12	1 30	10 33	2 37	13 5	2 48	23 47	0 10	23 23	0 36	23 35	0 13	9 45	1 36	31 2	9 2	11 20	10 53	10 45			n.a.
S 14	23 16	1 43	3 24	24 28	1 35	10 57	2 36	12 59	2 49	23 46	0 11	23 22	0 36	23 35	0 13	9 44	1 36	31 3	9 2	11 20	10 52	10 46			n.a.
M15	23 21	2n55	2 22	24 42	1 39	11 21	2 35	12 54	2 51	23 46	0 11	23 21	0 36	23 35	0 13	9 44	1 36	31 3	9 3	11 20	10 51	10 48			n.a.
T 16	23 26	7 28	1 11	24 55	1 43	11 45	2 34	12 49	2 52	23 46	0 11	23 20	0 37	23 35	0 13	9 44	1 36	31 4	9 3	11 20	10 50	10 50			n.a.
W17	23 29	11 40	0 s 7	25 7	1 46	12 9	2 32	12 44	2 54	23 46	0 11	23 19	0 37	23 36	0 13	9 43	1 36	31 4	9 3	11 20	10 48	10 51			n.a.
T 18	23 33	15 13	1 24	25 17	1 49	12 32	2 31	12 39	2 55	23 45	0 11	23 19	0 37	23 36	0 13	9 43	1 35	31 4	9 3	11 20	10 47	10 53			n.a.
F 19	23 36	17 48	2 36	25 26	1 52	12 56	2 30	12 35	2 57	23 45	0 11	23 18	0 37	23 36	0 13	9 42	1 35	31 5	9 3	11 19	10 46	10 54			n.a.
S 20	23 38	19 12	3 38	25 33	1 55	13 19	2 28	12 30	2 59	23 45	0 11	23 17	0 37	23 36	0 13	9 42	1 35	31 5	9 4	11 16	10 45	10 56			n.a.
S 21	23 40	19 19	4 25	25 38	1 57	13 42	2 27	12 26	3 0	23 45	0 12	23 16	0 37	23 37	0 13	9 42	1 35	31 6	9 4	11 14	10 44	10 57			n.a.
M22	23 42	18 11	4 54	25 42	1 59	14 4	2 25	12 22	3 2	23 44	0 12	23 15	0 37	23 37	0 13	9 41	1 35	31 6	9 4	11 10	10 43	10 59			n.a.
T 23	23 43	16 0	5 5	25 44	2 0	14 27	2 23	12 18	3 4	23 44	0 12	23 15	0 37	23 37	0 13	9 41	1 35	31 6	9 4	11 6	10 42	11 1			n.a.
W24	23 43	13 0	4 58	25 44	2 1	14 49	2 21	12 14	3 5	23 44	0 12	23 14	0 37	23 37	0 13	9 40	1 35	31 7	9 4	11 3	10 40	11 2			n.a.
T 25	23 44	9 26	4 36	25 43	2 2	15 11	2 19	12 11	3 7	23 43	0 12	23 13	0 37	23 38	0 13	9 40	1 35	31 7	9 5	11 0	10 39	11 4			n.a.
F 26	23 43	5 32	4 0	25 39	2 2	15 32	2 17	12 7	3 9	23 43	0 12	23 12	0 37	23 38	0 13	9 40	1 35	31 8	9 5	10 58	10 38	11 5			n.a.
S 27	23 42	1 31	3 14	25 34	2 2	15 53	2 15	12 4	3 10	23 43	0 12	23 11	0 37	23 38	0 13	9 39	1 35	31 8	9 5	10 57	10 37	11 7			n.a.
S 28	23 41	2 s29	2 21	25 27	2 1	16 14	2 13	12 1	3 12	23 43	0 13	23 10	0 37	23 39	0 13	9 39	1 35	31 8	9 5	10 57	10 36	11 8			n.a.
M29	23 39	6 20	1 22	25 18	2 0	16 35	2 11	11 58	3 14	23 42	0 13	23 9	0 37	23 39	0 13	9 38	1 35	31 9	9 5	10 57	10 35	11 10			n.a.
T 30	23 37	9 55	0 19	25 7	1 58	16 55	2 9	11 56	3 15	23 42	0 13	23 9	0 37	23 39	0 13	9 38	1 35	31 9	9 5	10 57	10 33	11 11			n.a.
W31	23 s34	13 s 6	0n43	24 s54	1 s56	17 s14	2n 6	11n54	3n17	23n42	0n13	23 s 8	0 s37	23 s39	0 s13	9 s37	1 s35	31n 9	9n 6	10 s57	10 s32	11 s13			n.a.

Julian Day Number = 1620583.5, Delta T = 03h47m46s
Ecliptic obliquity = 23°43'35, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'57, Lahiri = - 7°45'56 Julian Calendar 1 Dec. 277 BCE == Greg. Calendar 27 Nov. 277 BCE

The year -276 astronomical counting style corresponds to year 277 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

JANUARY 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 25 17	7♑25'03	18♏11	15♑52	26♏21	7♍41	21°R47	18♑ 3	21♐15	9♓22	20°R14	28°R 7	26♎59	29♎36	n.a.	T 1
F 2	6 29 14	8°25'59	0♐12	17°38	27°32	7°50	21♊40	18°10	21°19	9°24	20♋13	28♎ 3	26°56	29°43	n.a.	F 2
S 3	6 33 10	9°26'53	12°26	19°25	28°44	7°58	21°33	18°17	21°22	9°25	20°11	27°55	26°53	29°49	n.a.	S 3
S 4	6 37 7	10°27'47	24°55	21°11	29°55	8° 6	21°25	18°24	21°26	9°26	20°10	27°45	26°49	29°56	n.a.	S 4
M 5	6 41 3	11°28'39	7♑40	22°57	1♐ 7	8°13	21°18	18°31	21°29	9°28	20° 8	27°33	26°46	0♏ 3	n.a.	M 5
T 6	6 45 0	12°29'29	20°41	24°42	2°19	8°20	21°11	18°39	21°32	9°29	20° 7	27°20	26°43	0° 9	n.a.	T 6
W 7	6 48 56	13°30'19	3♒56	26°27	3°31	8°26	21° 4	18°46	21°36	9°30	20° 5	27° 7	26°40	0°16	n.a.	W 7
T 8	6 52 53	14°31'06	17°24	28°10	4°42	8°31	20°57	18°53	21°39	9°32	20° 4	26°56	26°37	0°22	n.a.	T 8
F 9	6 56 49	15°31'53	1♓ 1	29°52	5°54	8°36	20°50	19° 0	21°43	9°33	20° 2	26°47	26°33	0°29	n.a.	F 9
S 10	7 0 46	16°32'37	14°47	1♒32	7° 6	8°39	20°44	19° 8	21°46	9°35	20° 1	26°41	26°30	0°36	n.a.	S 10
S 11	7 4 43	17°33'19	28°40	3°10	8°18	8°43	20°37	19°15	21°49	9°36	20° 0	26°37	26°27	0°42	n.a.	S 11
M12	7 8 39	18°34'00	12♈38	4°45	9°30	8°45	20°31	19°22	21°52	9°38	19°58	26°36	26°24	0°49	n.a.	M12
T 13	7 12 36	19°34'39	26°41	6°17	10°42	8°47	20°25	19°29	21°56	9°40	19°57	26°36	26°21	0°56	n.a.	T 13
W14	7 16 32	20°35'16	10♉50	7°45	11°54	8°48	20°18	19°37	21°59	9°41	19°55	26°36	26°18	1° 2	n.a.	W14
T 15	7 20 29	21°35'51	25° 2	9° 8	13° 7	8°R48	20°13	19°44	22° 2	9°43	19°54	26°34	26°14	1° 9	n.a.	T 15
F 16	7 24 25	22°36'24	9♊16	10°26	14°19	8°48	20° 7	19°51	22° 5	9°44	19°52	26°29	26°11	1°16	n.a.	F 16
S 17	7 28 22	23°36'56	23°28	11°39	15°31	8°47	20° 1	19°58	22° 9	9°46	19°51	26°21	26° 8	1°22	n.a.	S 17
S 18	7 32 18	24°37'25	7♋35	12°44	16°43	8°45	19°56	20° 6	22°12	9°48	19°49	26°11	26° 5	1°29	n.a.	S 18
M19	7 36 15	25°37'53	21°30	13°42	17°56	8°43	19°50	20°13	22°15	9°50	19°48	25°58	26° 2	1°36	n.a.	M19
T 20	7 40 12	26°38'19	5♌10	14°33	19° 8	8°39	19°45	20°20	22°18	9°51	19°46	25°45	25°59	1°42	n.a.	T 20
W21	7 44 8	27°38'43	18°31	15°14	20°20	8°35	19°40	20°27	22°21	9°53	19°45	25°33	25°55	1°49	n.a.	W21
T 22	7 48 5	28°39'05	1♍32	15°47	21°33	8°30	19°35	20°35	22°24	9°55	19°44	25°22	25°52	1°55	n.a.	T 22
F 23	7 52 1	29°39'26	14°11	16°10	22°45	8°24	19°30	20°42	22°27	9°57	19°42	25°14	25°49	2° 2	n.a.	F 23
S 24	7 55 58	0♒39'45	26°32	16°24	23°58	8°18	19°26	20°49	22°30	9°59	19°41	25° 9	25°46	2° 9	n.a.	S 24
S 25	7 59 54	1°40'02	8♎37	16°R27	25°10	8°11	19°21	20°56	22°33	10° 0	19°39	25° 6	25°43	2°15	n.a.	S 25
M26	8 3 51	2°40'18	20°32	16°21	26°23	8° 3	19°17	21° 3	22°36	10° 2	19°38	25° 5	25°39	2°22	n.a.	M26
T 27	8 7 47	3°40'32	2♏20	16° 5	27°35	7°54	19°13	21°11	22°39	10° 4	19°36	25° 5	25°36	2°29	n.a.	T 27
W28	8 11 44	4°40'45	14° 8	15°40	28°48	7°44	19° 9	21°18	22°42	10° 6	19°35	25° 5	25°33	2°35	n.a.	W28
T 29	8 15 41	5°40'56	26° 2	15° 7	0♑ 0	7°34	19° 6	21°25	22°45	10° 8	19°34	25° 3	25°30	2°42	n.a.	T 29
F 30	8 19 37	6°41'05	8♐ 6	14°26	1°13	7°23	19° 2	21°32	22°48	10°10	19°32	24°59	25°27	2°49	n.a.	F 30
S 31	8 23 34	7♒41'13	20♐25	13♒38	2♑26	7♍11	18♊59	21♑39	22♐50	10♓12	19♋31	24♎53	25♎24	2♏55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23s31	15s47	1n45	24s39	1s53	17s34	2n 4	11n52	3n19	23n41	0n13	23s 7	0s37	23s39	0s13	9s37	1s35	31n10	9n 6	10s56	10s31	11s15			n.a.
F 2	23 27	17 48	2 42	24 22	1 50	17 53	2 1	11 50	3 21	23 41	0 13	23 6	0 37	23 40	0 14	9 36	1 35	31 10	9 6	10 54	10 30	11 16			n.a.
S 3	23 23	19 3	3 32	24 3	1 46	18 11	1 59	11 48	3 22	23 41	0 13	23 5	0 38	23 40	0 14	9 36	1 35	31 11	9 6	10 52	10 29	11 18			n.a.
S 4	23 18	19 24	4 14	23 42	1 41	18 29	1 56	11 47	3 24	23 40	0 14	23 4	0 38	23 40	0 14	9 35	1 35	31 11	9 6	10 48	10 28	11 19			n.a.
M 5	23 13	18 47	4 44	23 19	1 35	18 47	1 53	11 46	3 26	23 40	0 14	23 3	0 38	23 40	0 14	9 34	1 35	31 11	9 6	10 44	10 26	11 21			n.a.
T 6	23 8	17 11	4 59	22 54	1 29	19 4	1 51	11 45	3 28	23 40	0 14	23 2	0 38	23 41	0 14	9 34	1 35	31 12	9 6	10 39	10 25	11 22			n.a.
W 7	23 2	14 39	4 59	22 28	1 22	19 21	1 48	11 44	3 29	23 39	0 14	23 1	0 38	23 41	0 14	9 33	1 35	31 12	9 6	10 34	10 24	11 24			n.a.
T 8	22 55	11 19	4 42	21 59	1 14	19 37	1 45	11 44	3 31	23 39	0 14	23 0	0 38	23 41	0 14	9 33	1 35	31 12	9 7	10 30	10 23	11 25			n.a.
F 9	22 49	7 21	4 10	21 29	1 6	19 52	1 42	11 44	3 33	23 38	0 14	22 59	0 38	23 41	0 14	9 32	1 35	31 13	9 7	10 27	10 22	11 27			n.a.
S 10	22 41	2 58	3 22	20 58	0 56	20 8	1 39	11 44	3 35	23 38	0 14	22 58	0 38	23 42	0 14	9 32	1 34	31 13	9 7	10 24	10 21	11 28			n.a.
S 11	22 34	1n38	2 22	20 26	0 46	20 22	1 36	11 44	3 36	23 38	0 14	22 57	0 38	23 42	0 14	9 31	1 34	31 13	9 7	10 23	10 20	11 30			n.a.
M12	22 25	6 10	1 13	19 52	0 35	20 36	1 33	11 45	3 38	23 37	0 15	22 56	0 38	23 42	0 14	9 30	1 34	31 14	9 7	10 23	10 18	11 31			n.a.
T 13	22 17	10 24	0s 0	19 18	0 23	20 50	1 30	11 46	3 40	23 37	0 15	22 55	0 38	23 42	0 14	9 30	1 34	31 14	9 7	10 23	10 17	11 33			n.a.
W14	22 8	14 4	1 15	18 44	0 11	21 3	1 27	11 47	3 42	23 37	0 15	22 54	0 38	23 42	0 14	9 29	1 34	31 14	9 7	10 23	10 16	11 34			n.a.
T 15	21 58	16 55	2 24	18 9	0n 2	21 15	1 24	11 48	3 43	23 36	0 15	22 53	0 38	23 43	0 14	9 28	1 34	31 15	9 7	10 22	10 15	11 36			n.a.
F 16	21 48	18 44	3 25	17 34	0 16	21 27	1 21	11 50	3 45	23 36	0 15	22 52	0 38	23 43	0 14	9 28	1 34	31 15	9 7	10 20	10 14	11 37			n.a.
S 17	21 38	19 21	4 13	17 0	0 31	21 38	1 18	11 52	3 47	23 36	0 15	22 51	0 39	23 43	0 14	9 27	1 34	31 15	9 7	10 17	10 13	11 39			n.a.
S 18	21 27	18 46	4 45	16 27	0 46	21 49	1 15	11 54	3 48	23 36	0 15	22 50	0 39	23 43	0 14	9 26	1 34	31 15	9 7	10 13	10 11	11 41			n.a.
M19	21 16	17 3	4 59	15 56	1 2	21 59	1 11	11 57	3 50	23 35	0 15	22 49	0 39	23 43	0 14	9 26	1 34	31 16	9 7	10 9	10 10	11 42			n.a.
T 20	21 5	14 25	4 56	15 26	1 18	22 9	1 8	12 0	3 52	23 35	0 15	22 48	0 39	23 44	0 14	9 25	1 34	31 16	9 7	10 4	10 9	11 44			n.a.
W21	20 53	11 4	4 37	14 58	1 34	22 17	1 5	12 3	3 53	23 35	0 16	22 47	0 39	23 44	0 14	9 24	1 34	31 16	9 7	10 0	10 8	11 45			n.a.
T 22	20 41	7 16	4 3	14 33	1 50	22 26	1 2	12 6	3 55	23 34	0 16	22 46	0 39	23 44	0 14	9 23	1 34	31 17	9 7	9 56	10 7	11 47			n.a.
F 23	20 28	3 15	3 19	14 11	2 6	22 33	0 58	12 10	3 57	23 34	0 16	22 45	0 39	23 44	0 14	9 23	1 34	31 17	9 8	9 53	10 6	11 48			n.a.
S 24	20 15	0s49	2 25	13 52	2 22	22 40	0 55	12 14	3 58	23 34	0 16	22 44	0 39	23 44	0 14	9 22	1 34	31 17	9 8	9 51	10 4	11 49			n.a.
S 25	20 2	4 46	1 26	13 36	2 37	22 46	0 52	12 18	4 0	23 34	0 16	22 43	0 39	23 45	0 14	9 21	1 34	31 17	9 8	9 50	10 3	11 51			n.a.
M26	19 48	8 29	0 24	13 24	2 51	22 52	0 49	12 22	4 1	23 33	0 16	22 42	0 39	23 45	0 14	9 21	1 34	31 18	9 8	9 49	10 2	11 52			n.a.
T 27	19 34	11 50	0n38	13 16	3 4	22 57	0 45	12 27	4 2	23 33	0 16	22 41	0 39	23 45	0 14	9 20	1 34	31 18	9 8	9 49	10 1	11 54			n.a.
W28	19 19	14 42	1 39	13 12	3 16	23 1	0 42	12 32	4 4	23 33	0 16	22 40	0 39	23 45	0 14	9 19	1 34	31 18	9 8	9 49	10 0	11 55			n.a.
T 29	19 5	16 58	2 36	13 12	3 27	23 5	0 39	12 37	4 5	23 33	0 16	22 39	0 40	23 45	0 14	9 18	1 34	31 18	9 8	9 49	9 58	11 57			n.a.
F 30	18 49	18 31	3 27	13 16	3 36	23 8	0 36	12 42	4 6	23 33	0 17	22 38	0 40	23 46	0 14	9 18	1 34	31 18	9 8	9 47	9 57	11 58			n.a.
S 31	18s34	19s14	4n 9	13s23	3n43	23s10	0n32	12n48	4n 8	23n32	0n17	22s37	0s40	23s46	0s14	9s17	1s34	31n19	9n 8	9s45	9s56	12s 0			n.a.

Julian Day Number = 1620614.5, Delta T = 03h47m45s
Ecliptic obliquity = 23°43'35, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'52, Lahiri = - 7°45'52 Julian Calendar 1 Jan. 276 BCE == Greg. Calendar 28 Dec. 277 BCE

The year -275 astronomical counting style corresponds to year 276 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

FEBRUARY 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 27 30	8♒41'19	3♉ 3	12°R45	3♉38	6°R58	18°R56	21♉46	22♐53	10♓14	19°R29	24°R44	25♎20	3♏ 2	n.a.	S 1
M 2	8 31 27	9°41'23	16° 1	11♒47	4°51	6♍45	18♊53	21°53	22°56	10°16	19♋28	24♎33	25°17	3° 9	n.a.	M 2
T 3	8 35 23	10°41'25	29°20	10°48	6° 4	6°31	18°50	22° 0	22°58	10°18	19°27	24°20	25°14	3°15	n.a.	T 3
W 4	8 39 20	11°41'25	12♒57	9°47	7°17	6°16	18°48	22° 7	23° 1	10°20	19°25	24° 8	25°11	3°22	n.a.	W 4
T 5	8 43 16	12°41'23	26°50	8°46	8°29	6° 0	18°45	22°14	23° 4	10°22	19°24	23°57	25° 8	3°29	n.a.	T 5
F 6	8 47 13	13°41'19	10♓54	7°47	9°42	5°44	18°43	22°21	23° 6	10°24	19°23	23°48	25° 4	3°35	n.a.	F 6
S 7	8 51 10	14°41'13	25° 5	6°50	10°55	5°27	18°41	22°28	23° 9	10°26	19°21	23°43	25° 1	3°42	n.a.	S 7
S 8	8 55 6	15°41'04	9♈18	5°58	12° 8	5° 9	18°39	22°35	23°11	10°28	19°20	23°40	24°58	3°48	n.a.	S 8
M 9	8 59 3	16°40'53	23°31	5°10	13°21	4°51	18°38	22°42	23°14	10°30	19°19	23°D39	24°55	3°55	n.a.	M 9
T 10	9 2 59	17°40'40	7♉41	4°27	14°33	4°32	18°37	22°49	23°16	10°32	19°18	23°39	24°52	4° 2	n.a.	T 10
W11	9 6 56	18°40'24	21°47	3°50	15°46	4°13	18°35	22°55	23°19	10°35	19°16	23°R40	24°49	4° 8	n.a.	W11
T 12	9 10 52	19°40'06	5♊47	3°20	16°59	3°53	18°34	23° 2	23°21	10°37	19°15	23°38	24°45	4°15	n.a.	T 12
F 13	9 14 49	20°39'45	19°42	2°55	18°12	3°33	18°34	23° 9	23°23	10°39	19°14	23°35	24°42	4°22	n.a.	F 13
S 14	9 18 45	21°39'23	3♋30	2°37	19°25	3°12	18°33	23°16	23°26	10°41	19°13	23°29	24°39	4°28	n.a.	S 14
S 15	9 22 42	22°38'57	17°10	2°26	20°38	2°51	18°33	23°22	23°28	10°43	19°12	23°21	24°36	4°35	n.a.	S 15
M16	9 26 38	23°38'30	0♌39	2°D20	21°51	2°29	18°32	23°29	23°30	10°45	19°10	23°11	24°33	4°42	n.a.	M16
T 17	9 30 35	24°38'00	13°55	2°21	23° 4	2° 8	18°D32	23°36	23°32	10°48	19° 9	23° 1	24°30	4°48	n.a.	T 17
W18	9 34 32	25°37'28	26°56	2°27	24°17	1°45	18°32	23°42	23°34	10°50	19° 8	22°51	24°26	4°55	n.a.	W18
T 19	9 38 28	26°36'54	9♍41	2°39	25°30	1°23	18°33	23°49	23°36	10°52	19° 7	22°42	24°23	5° 2	n.a.	T 19
F 20	9 42 25	27°36'17	22°11	2°56	26°43	1° 0	18°33	23°55	23°38	10°54	19° 6	22°36	24°20	5° 8	n.a.	F 20
S 21	9 46 21	28°35'39	4♎26	3°18	27°55	0°37	18°34	24° 2	23°40	10°56	19° 5	22°31	24°17	5°15	n.a.	S 21
S 22	9 50 18	29°34'59	16°29	3°45	29° 8	0°14	18°35	24° 8	23°42	10°59	19° 4	22°30	24°14	5°22	n.a.	S 22
M23	9 54 14	0♓34'16	28°22	4°17	0♒21	29♌51	18°36	24°14	23°44	11° 1	19° 3	22°D30	24°10	5°28	n.a.	M23
T 24	9 58 11	1°33'32	10♏11	4°52	1°34	29°28	18°38	24°21	23°46	11° 3	19° 2	22°31	24° 7	5°35	n.a.	T 24
W25	10 2 7	2°32'46	22° 0	5°32	2°47	29° 4	18°39	24°27	23°48	11° 5	19° 1	22°32	24° 4	5°41	n.a.	W25
T 26	10 6 4	3°31'58	3♐53	6°16	4° 1	28°41	18°41	24°33	23°50	11° 8	19° 0	22°R32	24° 1	5°48	n.a.	T 26
F 27	10 10 1	4°31'08	15°58	7° 3	5°14	28°18	18°43	24°39	23°52	11°10	18°59	22°32	23°58	5°55	n.a.	F 27
S 28	10 13 57	5♓30'17	28♐18	7♒53	6♒27	27♌55	18♊45	24♉45	23♐53	11♓12	18♋58	22♎29	23♎55	6♏ 1	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	18s18	19s 1	4n41	13s33	3n48	23s12	0n29	12n54	4n 9	23n32	0n17	22s36	0s40	23s46	0s14	9s16	1s34	31n19	9n 8	9s41	9s55	12s 1			n.a.
M 2	18 2	17 49	4 58	13 46	3 50	23 12	0 26	13 0	4 10	23 32	0 17	22 35	0 40	23 46	0 14	9 15	1 34	31 19	9 8	9 37	9 54	12 3			n.a.
T 3	17 46	15 38	5 0	14 2	3 51	23 13	0 23	13 6	4 11	23 32	0 17	22 34	0 40	23 46	0 14	9 14	1 34	31 19	9 8	9 33	9 53	12 4			n.a.
W 4	17 29	12 34	4 46	14 20	3 50	23 12	0 19	13 13	4 12	23 32	0 17	22 33	0 40	23 46	0 14	9 14	1 34	31 19	9 8	9 28	9 51	12 6			n.a.
T 5	17 12	8 44	4 14	14 39	3 46	23 11	0 16	13 20	4 13	23 32	0 17	22 32	0 40	23 47	0 14	9 13	1 34	31 20	9 8	9 24	9 50	12 7			n.a.
F 6	16 55	4 23	3 27	14 59	3 41	23 9	0 13	13 27	4 14	23 32	0 17	22 31	0 40	23 47	0 14	9 12	1 34	31 20	9 8	9 21	9 49	12 9			n.a.
S 7	16 37	0n15	2 26	15 21	3 33	23 7	0 10	13 34	4 15	23 31	0 17	22 30	0 40	23 47	0 14	9 11	1 34	31 20	9 7	9 19	9 48	12 10			n.a.
S 8	16 20	4 53	1 16	15 42	3 25	23 3	0 7	13 41	4 15	23 31	0 17	22 28	0 40	23 47	0 14	9 10	1 34	31 20	9 7	9 18	9 47	12 12			n.a.
M 9	16 1	9 15	0 1	16 3	3 15	22 59	0 3	13 48	4 16	23 31	0 17	22 27	0 41	23 47	0 14	9 10	1 34	31 20	9 7	9 17	9 46	12 13			n.a.
T 10	15 43	13 4	1s14	16 25	3 3	22 55	0 0	13 56	4 16	23 31	0 17	22 26	0 41	23 47	0 14	9 9	1 34	31 20	9 7	9 17	9 44	12 14			n.a.
W11	15 25	16 7	2 24	16 45	2 51	22 50	0s 3	14 3	4 17	23 31	0 18	22 25	0 41	23 47	0 14	9 8	1 34	31 21	9 7	9 18	9 43	12 16			n.a.
T 12	15 6	18 10	3 25	17 5	2 38	22 44	0 6	14 11	4 17	23 31	0 18	22 24	0 41	23 48	0 14	9 7	1 34	31 21	9 7	9 17	9 42	12 17			n.a.
F 13	14 47	19 7	4 13	17 24	2 25	22 37	0 9	14 19	4 17	23 31	0 18	22 23	0 41	23 48	0 14	9 6	1 34	31 21	9 7	9 16	9 41	12 19			n.a.
S 14	14 27	18 55	4 46	17 41	2 11	22 30	0 12	14 27	4 18	23 31	0 18	22 22	0 41	23 48	0 14	9 5	1 34	31 21	9 7	9 14	9 40	12 20			n.a.
S 15	14 8	17 36	5 3	17 58	1 57	22 22	0 15	14 34	4 18	23 31	0 18	22 21	0 41	23 48	0 14	9 5	1 34	31 21	9 7	9 11	9 39	12 22			n.a.
M16	13 48	15 21	5 2	18 13	1 43	22 13	0 18	14 42	4 18	23 31	0 18	22 20	0 41	23 48	0 14	9 4	1 34	31 21	9 7	9 7	9 37	12 23			n.a.
T 17	13 28	12 19	4 45	18 26	1 28	22 4	0 21	14 50	4 17	23 31	0 18	22 19	0 41	23 48	0 14	9 3	1 34	31 21	9 7	9 3	9 36	12 25			n.a.
W18	13 8	8 44	4 13	18 39	1 14	21 54	0 23	14 58	4 17	23 32	0 18	22 18	0 41	23 48	0 14	9 2	1 34	31 21	9 7	8 59	9 35	12 26			n.a.
T 19	12 48	4 49	3 29	18 49	1 0	21 43	0 26	15 6	4 17	23 32	0 18	22 17	0 42	23 48	0 14	9 1	1 34	31 21	9 7	8 56	9 34	12 27			n.a.
F 20	12 27	0 46	2 35	18 59	0 47	21 32	0 29	15 14	4 16	23 32	0 18	22 16	0 42	23 49	0 14	9 0	1 34	31 22	9 7	8 54	9 33	12 29			n.a.
S 21	12 6	3s15	1 36	19 6	0 34	21 20	0 32	15 22	4 16	23 32	0 18	22 15	0 42	23 49	0 14	8 59	1 34	31 22	9 7	8 52	9 31	12 30			n.a.
S 22	11 45	7 3	0 32	19 13	0 21	21 8	0 34	15 29	4 15	23 32	0 18	22 14	0 42	23 49	0 14	8 59	1 34	31 22	9 6	8 51	9 30	12 32			n.a.
M23	11 24	10 32	0n32	19 17	0 8	20 55	0 37	15 37	4 14	23 32	0 18	22 13	0 42	23 49	0 14	8 58	1 34	31 22	9 6	8 51	9 29	12 33			n.a.
T 24	11 3	13 34	1 34	19 20	0s 4	20 41	0 39	15 45	4 13	23 32	0 19	22 12	0 42	23 49	0 14	8 57	1 34	31 22	9 6	8 52	9 28	12 34			n.a.
W25	10 41	16 2	2 32	19 22	0 16	20 27	0 42	15 52	4 13	23 33	0 19	22 11	0 42	23 49	0 14	8 56	1 34	31 22	9 6	8 52	9 27	12 36			n.a.
T 26	10 20	17 50	3 25	19 22	0 27	20 12	0 44	15 59	4 11	23 33	0 19	22 10	0 42	23 49	0 14	8 55	1 34	31 22	9 6	8 52	9 26	12 37			n.a.
F 27	9 58	18 51	4 9	19 20	0 38	19 57	0 47	16 6	4 10	23 33	0 19	22 9	0 43	23 49	0 14	8 54	1 34	31 22	9 6	8 52	9 24	12 39			n.a.
S 28	9s36	19s 1	4n42	19s17	0s48	19s41	0s49	16n13	4n 9	23n33	0n19	22s 8	0s43	23s49	0s14	8s53	1s34	31n22	9n 6	8s51	9s23	12s40			n.a.

Julian Day Number = 1620645.5, Delta T = 03h47m44s
Ecliptic obliquity = 23°43'35, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'48, Lahiri = - 7°45'48 Julian Calendar 1 Feb. 276 BCE == Greg. Calendar 28 Jan. 276 BCE

The year -275 astronomical counting style corresponds to year 276 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

MARCH 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 17 54	6♓29'23	10♉57	8♒47	7♒40	27°R32	18♊47	24♉51	23♐55	11♓14	18°R57	22°R24	23♎51	6♏ 8	n.a.	S 1
M 2	10 21 50	7°28'27	24° 0	9°43	8°53	27♌10	18°49	24°57	23°56	11°17	18♋56	22♎18	23°48	6°15	n.a.	M 2
T 3	10 25 47	8°27'30	7♒27	10°43	10° 6	26°47	18°52	25° 3	23°58	11°19	18°55	22°11	23°45	6°21	n.a.	T 3
W 4	10 29 43	9°26'31	21°17	11°45	11°19	26°25	18°55	25° 9	23°59	11°21	18°54	22° 4	23°42	6°28	n.a.	W 4
T 5	10 33 40	10°25'29	5♓29	12°50	12°32	26° 3	18°58	25°15	24° 1	11°23	18°54	21°57	23°39	6°35	n.a.	T 5
F 6	10 37 36	11°24'25	19°56	13°57	13°45	25°42	19° 1	25°21	24° 2	11°26	18°53	21°52	23°36	6°41	n.a.	F 6
S 7	10 41 33	12°23'19	4♈32	15° 7	14°58	25°21	19° 4	25°27	24° 4	11°28	18°52	21°49	23°32	6°48	n.a.	S 7
S 8	10 45 29	13°22'11	19°12	16°19	16°11	25° 0	19° 8	25°32	24° 5	11°30	18°51	21°D48	23°29	6°55	n.a.	S 8
M 9	10 49 26	14°21'01	3♉48	17°33	17°24	24°41	19°11	25°38	24° 6	11°33	18°51	21°49	23°26	7° 1	n.a.	M 9
T 10	10 53 23	15°19'48	18°16	18°49	18°37	24°21	19°15	25°44	24° 7	11°35	18°50	21°50	23°23	7° 8	n.a.	T 10
W11	10 57 19	16°18'33	2♊33	20° 7	19°51	24° 2	19°19	25°49	24° 9	11°37	18°49	21°51	23°20	7°15	n.a.	W11
T 12	11 1 16	17°17'16	16°36	21°27	21° 4	23°44	19°24	25°54	24°10	11°39	18°49	21°R52	23°16	7°21	n.a.	T 12
F 13	11 5 12	18°15'56	0♋24	22°49	22°17	23°26	19°28	26° 0	24°11	11°42	18°48	21°51	23°13	7°28	n.a.	F 13
S 14	11 9 9	19°14'34	13°59	24°13	23°30	23° 9	19°32	26° 5	24°12	11°44	18°47	21°49	23°10	7°35	n.a.	S 14
S 15	11 13 5	20°13'10	27°19	25°39	24°43	22°53	19°37	26°10	24°13	11°46	18°47	21°46	23° 7	7°41	n.a.	S 15
M16	11 17 2	21°11'43	10♌25	27° 6	25°56	22°37	19°42	26°16	24°14	11°48	18°46	21°41	23° 4	7°48	n.a.	M16
T 17	11 20 58	22°10'14	23°18	28°35	27° 9	22°22	19°47	26°21	24°14	11°51	18°46	21°36	23° 1	7°54	n.a.	T 17
W18	11 24 55	23° 8'43	5♍57	0♓ 6	28°22	22° 8	19°52	26°26	24°15	11°53	18°45	21°32	22°57	8° 1	n.a.	W18
T 19	11 28 52	24° 7'09	18°24	1°39	29°35	21°55	19°58	26°31	24°16	11°55	18°45	21°28	22°54	8° 8	n.a.	T 19
F 20	11 32 48	25° 5'34	0♎40	3°14	0♓49	21°42	20° 3	26°36	24°17	11°57	18°44	21°25	22°51	8°14	n.a.	F 20
S 21	11 36 45	26° 3'57	12°45	4°50	2° 2	21°30	20° 9	26°40	24°17	11°59	18°44	21°23	22°48	8°21	n.a.	S 21
S 22	11 40 41	27° 2'18	24°42	6°28	3°15	21°19	20°15	26°45	24°18	12° 2	18°43	21°D23	22°45	8°28	n.a.	S 22
M23	11 44 38	28° 0'37	6♏33	8° 8	4°28	21° 8	20°21	26°50	24°19	12° 4	18°43	21°24	22°41	8°34	n.a.	M23
T 24	11 48 34	28°58'54	18°21	9°49	5°41	20°58	20°27	26°55	24°19	12° 6	18°43	21°25	22°38	8°41	n.a.	T 24
W25	11 52 31	29°57'10	0♐10	11°32	6°54	20°50	20°33	26°59	24°20	12° 8	18°42	21°27	22°35	8°48	n.a.	W25
T 26	11 56 27	0♈55'24	12° 4	13°17	8° 7	20°41	20°39	27° 4	24°20	12°10	18°42	21°28	22°32	8°54	n.a.	T 26
F 27	12 0 24	1°53'36	24° 8	15° 3	9°21	20°34	20°46	27° 8	24°20	12°13	18°42	21°29	22°29	9° 1	n.a.	F 27
S 28	12 4 20	2°51'47	6♉27	16°52	10°34	20°28	20°52	27°12	24°21	12°15	18°42	21°R29	22°26	9° 8	n.a.	S 28
S 29	12 8 17	3°49'57	19° 4	18°42	11°47	20°22	20°59	27°17	24°21	12°17	18°41	21°29	22°22	9°14	n.a.	S 29
M30	12 12 14	4°48'04	2♒ 5	20°33	13° 0	20°17	21° 6	27°21	24°21	12°19	18°41	21°27	22°19	9°21	n.a.	M30
T 31	12 16 10	5♈46'10	15♒30	22♓27	14♓13	20♌13	21♊13	27♉25	24♐21	12♓21	18♋41	21♎25	22♎16	9♏28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s14	18s14	5n 3	19s13	0s58	19s24	0s52	16n20	4n 8	23n34	0n19	22s 7	0s43	23s50	0s14	8s52	1s34	31n22	9n 6	8s49	9s22	12s41		n.a.
M 2	8 52	16 30	5 9	19 6	1 7	19 7	0 54	16 27	4 6	23 34	0 19	22 6	0 43	23 50	0 14	8 52	1 34	31 22	9 6	8 47	9 21	12 43		n.a.
T 3	8 30	13 49	4 58	18 58	1 16	18 49	0 56	16 33	4 4	23 34	0 19	22 5	0 43	23 50	0 14	8 51	1 34	31 22	9 6	8 44	9 20	12 44		n.a.
W 4	8 7	10 19	4 30	18 49	1 24	18 31	0 58	16 39	4 3	23 34	0 19	22 4	0 43	23 50	0 15	8 50	1 34	31 22	9 5	8 42	9 18	12 46		n.a.
T 5	7 45	6 8	3 45	18 38	1 32	18 13	1 0	16 45	4 1	23 35	0 19	22 3	0 43	23 50	0 15	8 49	1 34	31 22	9 5	8 39	9 17	12 47		n.a.
F 6	7 22	1 31	2 45	18 25	1 39	17 53	1 2	16 51	3 59	23 35	0 19	22 2	0 43	23 50	0 15	8 48	1 34	31 22	9 5	8 37	9 16	12 48		n.a.
S 7	7 0	3n14	1 33	18 11	1 46	17 34	1 4	16 56	3 57	23 35	0 19	22 1	0 43	23 50	0 15	8 47	1 34	31 22	9 5	8 36	9 15	12 50		n.a.
S 8	6 37	7 49	0 14	17 55	1 52	17 13	1 6	17 2	3 55	23 36	0 19	22 0	0 44	23 50	0 15	8 46	1 34	31 22	9 5	8 36	9 14	12 51		n.a.
M 9	6 14	11 55	1s 5	17 38	1 58	16 53	1 8	17 6	3 53	23 36	0 19	21 59	0 44	23 50	0 15	8 46	1 34	31 22	9 5	8 36	9 12	12 53		n.a.
T 10	5 51	15 15	2 19	17 19	2 3	16 32	1 10	17 11	3 51	23 37	0 19	21 58	0 44	23 50	0 15	8 45	1 34	31 22	9 5	8 36	9 11	12 54		n.a.
W11	5 28	17 35	3 24	16 59	2 8	16 10	1 11	17 15	3 49	23 37	0 20	21 57	0 44	23 50	0 15	8 44	1 34	31 22	9 4	8 37	9 10	12 55		n.a.
T 12	5 5	18 48	4 15	16 36	2 12	15 48	1 13	17 19	3 46	23 37	0 20	21 56	0 44	23 50	0 15	8 43	1 34	31 22	9 4	8 37	9 9	12 57		n.a.
F 13	4 42	18 52	4 51	16 13	2 16	15 26	1 15	17 23	3 44	23 38	0 20	21 56	0 44	23 50	0 15	8 42	1 34	31 22	9 4	8 37	9 8	12 58		n.a.
S 14	4 18	17 51	5 10	15 48	2 19	15 3	1 16	17 27	3 42	23 38	0 20	21 55	0 44	23 51	0 15	8 41	1 34	31 22	9 4	8 36	9 7	12 59		n.a.
S 15	3 55	15 52	5 11	15 21	2 22	14 40	1 18	17 30	3 39	23 39	0 20	21 54	0 45	23 51	0 15	8 40	1 34	31 22	9 4	8 35	9 5	13 1		n.a.
M16	3 32	13 5	4 56	14 53	2 24	14 16	1 19	17 33	3 37	23 39	0 20	21 53	0 45	23 51	0 15	8 39	1 34	31 22	9 4	8 33	9 4	13 2		n.a.
T 17	3 9	9 43	4 26	14 23	2 26	13 52	1 20	17 35	3 34	23 40	0 20	21 52	0 45	23 51	0 15	8 39	1 34	31 21	9 4	8 31	9 3	13 4		n.a.
W18	2 45	5 58	3 44	13 51	2 27	13 27	1 22	17 38	3 32	23 40	0 20	21 51	0 45	23 51	0 15	8 38	1 34	31 21	9 3	8 29	9 2	13 5		n.a.
T 19	2 22	2 1	2 51	13 18	2 27	13 3	1 23	17 40	3 29	23 40	0 20	21 50	0 45	23 51	0 15	8 37	1 34	31 21	9 3	8 28	9 1	13 6		n.a.
F 20	1 58	1s58	1 52	12 44	2 28	12 37	1 24	17 41	3 26	23 41	0 20	21 50	0 45	23 51	0 15	8 36	1 34	31 21	9 3	8 27	8 59	13 8		n.a.
S 21	1 35	5 49	0 47	12 8	2 27	12 12	1 25	17 43	3 24	23 41	0 20	21 49	0 45	23 51	0 15	8 35	1 34	31 21	9 3	8 26	8 58	13 9		n.a.
S 22	1 11	9 24	0n18	11 30	2 26	11 46	1 26	17 44	3 21	23 42	0 20	21 48	0 45	23 51	0 15	8 34	1 34	31 21	9 3	8 26	8 57	13 10		n.a.
M23	0 48	12 34	1 23	10 51	2 25	11 20	1 27	17 45	3 18	23 42	0 20	21 47	0 46	23 51	0 15	8 34	1 34	31 21	9 3	8 26	8 56	13 12		n.a.
T 24	0 25	15 12	2 23	10 10	2 22	10 54	1 28	17 45	3 15	23 43	0 20	21 46	0 46	23 51	0 15	8 33	1 34	31 21	9 2	8 27	8 55	13 13		n.a.
W25	0 1	17 12	3 18	9 28	2 20	10 27	1 29	17 46	3 13	23 43	0 20	21 46	0 46	23 51	0 15	8 32	1 34	31 21	9 2	8 28	8 53	13 14		n.a.
T 26	0n22	18 28	4 5	8 45	2 17	10 0	1 29	17 46	3 10	23 44	0 20	21 45	0 46	23 51	0 15	8 31	1 34	31 20	9 2	8 28	8 52	13 16		n.a.
F 27	0 46	18 55	4 41	8 0	2 13	9 33	1 30	17 45	3 7	23 44	0 20	21 44	0 46	23 51	0 15	8 30	1 34	31 20	9 2	8 29	8 51	13 17		n.a.
S 28	1 9	18 29	5 6	7 13	2 9	9 5	1 30	17 45	3 4	23 45	0 21	21 44	0 46	23 51	0 15	8 29	1 34	31 20	9 2	8 29	8 50	13 18		n.a.
S 29	1 32	17 8	5 16	6 25	2 4	8 37	1 31	17 44	3 1	23 46	0 21	21 43	0 46	23 51	0 15	8 29	1 34	31 20	9 1	8 28	8 49	13 20		n.a.
M30	1 56	14 53	5 11	5 36	1 59	8 10	1 31	17 43	2 59	23 46	0 21	21 42	0 47	23 51	0 15	8 28	1 34	31 20	9 1	8 28	8 47	13 21		n.a.
T 31	2n19	11s47	4n49	4s45	1s53	7s41	1s32	17n42	2n56	23n47	0n21	21s41	0s47	23s51	0s15	8s27	1s34	31n20	9n 1	8s27	8s46	13s22		n.a.

Julian Day Number = 1620673.5, Delta T = 03h47m43s
Ecliptic obliquity = 23°43'35, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'44, Lahiri = - 7°45'44 Julian Calendar 1 March 276 BCE == Greg. Calendar 25 Feb. 276 BCE

The year -275 astronomical counting style corresponds to year 276 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

APRIL 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 20 7	6♈44'15	29♒22	24♓22	15♓27	20°R10	21♊21	27♉29	24♐21	12♓23	18°R41	21°R24	22♎13	9♏34	n.a.	W 1
T 2	12 24 3	7°42'18	13♓39	26°19	16°40	20♌ 7	21°28	27°33	24°21	12°25	18♋41	21♎22	22°10	9°41	n.a.	T 2
F 3	12 28 0	8°40'19	28°18	28°18	17°53	20° 5	21°35	27°37	24°R21	12°27	18°41	21°20	22° 7	9°48	n.a.	F 3
S 4	12 31 56	9°38'19	13♈11	0♈18	19° 6	20° 4	21°43	27°41	24°21	12°30	18°41	21°20	22° 3	9°54	n.a.	S 4
S 5	12 35 53	10°36'17	28°11	2°20	20°19	20°D 4	21°51	27°44	24°21	12°32	18°D41	21°D20	22° 0	10° 1	n.a.	S 5
M 6	12 39 49	11°34'13	13♉10	4°23	21°33	20° 5	21°59	27°48	24°21	12°34	18°41	21°20	21°57	10° 7	n.a.	M 6
T 7	12 43 46	12°32'08	28° 0	6°28	22°46	20° 6	22° 7	27°51	24°21	12°36	18°41	21°21	21°54	10°14	n.a.	T 7
W 8	12 47 43	13°30'00	12♊35	8°34	23°59	20° 8	22°15	27°55	24°21	12°38	18°41	21°22	21°51	10°21	n.a.	W 8
T 9	12 51 39	14°27'51	26°50	10°42	25°12	20°11	22°23	27°58	24°20	12°40	18°41	21°22	21°47	10°27	n.a.	T 9
F 10	12 55 36	15°25'40	10♋44	12°50	26°25	20°15	22°32	28° 2	24°20	12°42	18°41	21°R22	21°44	10°34	n.a.	F 10
S 11	12 59 32	16°23'27	24°15	15° 0	27°39	20°19	22°40	28° 5	24°20	12°44	18°41	21°22	21°41	10°41	n.a.	S 11
S 12	13 3 29	17°21'13	7♌27	17°10	28°52	20°24	22°49	28° 8	24°19	12°46	18°42	21°22	21°38	10°47	n.a.	S 12
M13	13 7 25	18°18'56	20°19	19°20	0♈ 5	20°30	22°57	28°11	24°19	12°47	18°42	21°22	21°35	10°54	n.a.	M13
T 14	13 11 22	19°16'38	2♍55	21°31	1°18	20°36	23° 6	28°14	24°18	12°49	18°42	21°22	21°32	11° 1	n.a.	T 14
W15	13 15 18	20°14'17	15°18	23°42	2°31	20°43	23°15	28°17	24°18	12°51	18°42	21°21	21°28	11° 7	n.a.	W15
T 16	13 19 15	21°11'56	27°30	25°52	3°45	20°51	23°24	28°19	24°17	12°53	18°43	21°D21	21°25	11°14	n.a.	T 16
F 17	13 23 11	22° 9'33	9♎32	28° 2	4°58	20°59	23°33	28°22	24°16	12°55	18°43	21°21	21°22	11°21	n.a.	F 17
S 18	13 27 8	23° 7'08	21°28	0♉11	6°11	21° 8	23°43	28°25	24°16	12°57	18°43	21°R21	21°19	11°27	n.a.	S 18
S 19	13 31 5	24° 4'42	3♏19	2°19	7°24	21°18	23°52	28°27	24°15	12°59	18°44	21°21	21°16	11°34	n.a.	S 19
M20	13 35 1	25° 2'15	15° 8	4°25	8°38	21°28	24° 2	28°29	24°14	13° 0	18°44	21°21	21°12	11°41	n.a.	M20
T 21	13 38 58	25°59'47	26°56	6°30	9°51	21°39	24°11	28°32	24°13	13° 2	18°45	21°21	21° 9	11°47	n.a.	T 21
W22	13 42 54	26°57'17	8♐48	8°33	11° 4	21°51	24°21	28°34	24°12	13° 4	18°45	21°20	21° 6	11°54	n.a.	W22
T 23	13 46 51	27°54'47	20°45	10°33	12°17	22° 3	24°31	28°36	24°11	13° 6	18°46	21°19	21° 3	12° 1	n.a.	T 23
F 24	13 50 47	28°52'15	2♑51	12°32	13°31	22°15	24°41	28°38	24°10	13° 8	18°46	21°18	21° 0	12° 7	n.a.	F 24
S 25	13 54 44	29°49'43	15°10	14°28	14°44	22°29	24°51	28°40	24° 9	13° 9	18°47	21°18	20°57	12°14	n.a.	S 25
S 26	13 58 40	0♒47'09	27°45	16°22	15°57	22°42	25° 1	28°42	24° 8	13°11	18°47	21°D17	20°53	12°21	n.a.	S 26
M27	14 2 37	1°44'35	10♓41	18°13	17°10	22°57	25°11	28°43	24° 7	13°13	18°48	21°18	20°50	12°27	n.a.	M27
T 28	14 6 34	2°42'00	24° 0	20° 1	18°24	23°12	25°21	28°45	24° 6	13°14	18°49	21°18	20°47	12°34	n.a.	T 28
W29	14 10 30	3°39'24	7♈45	21°47	19°37	23°27	25°31	28°47	24° 5	13°16	18°49	21°19	20°44	12°41	n.a.	W29
T 30	14 14 27	4♉36'47	21♈57	23♉30	20♈50	23♌43	25♊42	28♉48	24♐ 3	13♓17	18♋50	21♎20	20♎41	12♏47	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	2n42	7s56	4n10	3s53	1s47	7s13	1s32	17n40	2n53	23n47	0n21	21s41	0s47	23s51	0s15	8s26	1s34	31n20	9n 1	8s26	8s45	13s24		n.a.	W 1
T 2	3 6	3 31	3 14	3 0	1 40	6 44	1 32	17 38	2 50	23 48	0 21	21 40	0 47	23 51	0 15	8 25	1 34	31 19	9 1	8 26	8 44	13 25		n.a.	T 2
F 3	3 29	1n13	2 4	2 6	1 32	6 16	1 32	17 36	2 47	23 48	0 21	21 40	0 47	23 51	0 15	8 25	1 34	31 19	9 1	8 25	8 43	13 26		n.a.	F 3
S 4	3 52	5 57	0 45	1 10	1 25	5 47	1 32	17 34	2 45	23 49	0 21	21 39	0 47	23 51	0 15	8 24	1 34	31 19	9 0	8 25	8 41	13 28		n.a.	S 4
S 5	4 15	10 22	0s38	0 14	1 16	5 18	1 32	17 31	2 42	23 49	0 21	21 38	0 48	23 51	0 15	8 23	1 34	31 19	9 0	8 25	8 40	13 29		n.a.	S 5
M 6	4 38	14 6	1 58	0n44	1 8	4 48	1 32	17 28	2 39	23 50	0 21	21 38	0 48	23 51	0 15	8 22	1 34	31 19	9 0	8 25	8 39	13 30		n.a.	M 6
T 7	5 1	16 52	3 10	1 42	0 59	4 19	1 32	17 25	2 36	23 50	0 21	21 37	0 48	23 51	0 15	8 22	1 34	31 19	9 0	8 25	8 38	13 32		n.a.	T 7
W 8	5 23	18 29	4 8	2 41	0 49	3 49	1 32	17 22	2 34	23 51	0 21	21 37	0 48	23 51	0 15	8 21	1 34	31 18	9 0	8 26	8 37	13 33		n.a.	W 8
T 9	5 46	18 52	4 49	3 41	0 39	3 20	1 32	17 19	2 31	23 51	0 21	21 36	0 48	23 51	0 15	8 20	1 34	31 18	9 0	8 26	8 35	13 34		n.a.	T 9
F 10	6 9	18 6	5 12	4 41	0 29	2 50	1 32	17 15	2 28	23 52	0 21	21 36	0 48	23 52	0 15	8 19	1 34	31 18	8 59	8 26	8 34	13 35		n.a.	F 10
S 11	6 31	16 19	5 17	5 41	0 19	2 20	1 31	17 11	2 25	23 53	0 21	21 35	0 48	23 52	0 15	8 19	1 34	31 18	8 59	8 26	8 33	13 37		n.a.	S 11
S 12	6 54	13 43	5 5	6 41	0 8	1 50	1 31	17 7	2 23	23 53	0 21	21 35	0 49	23 52	0 15	8 18	1 34	31 18	8 59	8 26	8 32	13 38		n.a.	S 12
M13	7 16	10 29	4 38	7 41	0n 2	1 21	1 30	17 2	2 20	23 54	0 21	21 34	0 49	23 52	0 15	8 17	1 34	31 17	8 59	8 26	8 31	13 39		n.a.	M13
T 14	7 38	6 51	3 58	8 41	0 13	0 51	1 30	16 58	2 17	23 54	0 21	21 34	0 49	23 52	0 15	8 17	1 34	31 17	8 59	8 26	8 29	13 41		n.a.	T 14
W15	8 0	2 59	3 7	9 40	0 23	0 20	1 29	16 53	2 15	23 55	0 22	21 33	0 49	23 52	0 15	8 16	1 34	31 17	8 58	8 26	8 28	13 42		n.a.	W15
T 16	8 22	0s58	2 9	10 38	0 34	0n10	1 28	16 48	2 12	23 55	0 22	21 33	0 49	23 51	0 15	8 15	1 35	31 17	8 58	8 26	8 27	13 43		n.a.	T 16
F 17	8 44	4 49	1 5	11 35	0 44	0 40	1 27	16 43	2 10	23 56	0 22	21 33	0 49	23 51	0 15	8 14	1 35	31 16	8 58	8 26	8 26	13 44		n.a.	F 17
S 18	9 5	8 27	0n 1	12 31	0 54	1 10	1 27	16 38	2 7	23 56	0 22	21 32	0 50	23 51	0 15	8 14	1 35	31 16	8 58	8 26	8 25	13 46		n.a.	S 18
S 19	9 27	11 44	1 6	13 25	1 4	1 40	1 26	16 32	2 5	23 57	0 22	21 32	0 50	23 51	0 15	8 13	1 35	31 16	8 58	8 26	8 23	13 47		n.a.	S 19
M20	9 48	14 31	2 8	14 17	1 13	2 10	1 25	16 26	2 2	23 57	0 22	21 31	0 50	23 51	0 16	8 12	1 35	31 16	8 58	8 25	8 22	13 48		n.a.	M20
T 21	10 9	16 42	3 5	15 8	1 22	2 40	1 24	16 20	2 0	23 58	0 22	21 31	0 50	23 51	0 16	8 12	1 35	31 15	8 57	8 25	8 21	13 50		n.a.	T 21
W22	10 31	18 11	3 54	15 57	1 30	3 10	1 23	16 14	1 57	23 58	0 22	21 31	0 50	23 51	0 16	8 11	1 35	31 15	8 57	8 25	8 20	13 51		n.a.	W22
T 23	10 51	18 51	4 34	16 43	1 38	3 40	1 21	16 8	1 55	23 59	0 22	21 31	0 50	23 51	0 16	8 11	1 35	31 15	8 57	8 25	8 19	13 52		n.a.	T 23
F 24	11 12	18 41	5 1	17 27	1 45	4 10	1 20	16 2	1 52	23 59	0 22	21 30	0 51	23 51	0 16	8 10	1 35	31 15	8 57	8 24	8 17	13 53		n.a.	F 24
S 25	11 33	17 38	5 16	18 9	1 52	4 40	1 19	15 55	1 50	24 0	0 22	21 30	0 51	23 51	0 16	8 9	1 35	31 14	8 57	8 24	8 16	13 55		n.a.	S 25
S 26	11 53	15 42	5 15	18 48	1 58	5 9	1 18	15 48	1 48	24 0	0 22	21 30	0 51	23 51	0 16	8 9	1 35	31 14	8 56	8 24	8 15	13 56		n.a.	S 26
M27	12 13	12 58	4 59	19 25	2 3	5 39	1 16	15 41	1 45	24 0	0 22	21 30	0 51	23 51	0 16	8 8	1 35	31 14	8 56	8 24	8 14	13 57		n.a.	M27
T 28	12 33	9 29	4 27	20 0	2 7	6 9	1 15	15 34	1 43	24 1	0 22	21 30	0 51	23 51	0 16	8 7	1 35	31 14	8 56	8 24	8 13	13 58		n.a.	T 28
W29	12 53	5 23	3 39	20 32	2 11	6 38	1 14	15 27	1 41	24 1	0 22	21 29	0 51	23 51	0 16	8 7	1 35	31 13	8 56	8 25	8 11	14 0		n.a.	W29
T 30	13n13	0s51	2n36	21n 2	2n14	7n 7	1s12	15n19	1n38	24n 2	0n22	21s29	0s52	23s51	0s16	8s 6	1s35	31n13	8n56	8s25	8s10	14s 1		n.a.	T 30

Julian Day Number = 1620704.5, Delta T = 03h47m42s
Ecliptic obliquity = 23°43'35, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'40, Lahiri = - 7°45'40 Julian Calendar 1 Apr. 276 BCE == Greg. Calendar 28 March 276 BCE

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ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

MAY 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 18 23	5♉34'10	6♈32	25♉10	22♈ 4	23♌59	25♊52	28♋49	24°R 2	13♓19	18♋51	21♎21	20♎38	12♏54	n.a.	F 1
S 2	14 22 20	6°31'32	21°28	26°47	23°17	24°16	26° 3	28°51	24♐ 1	13°20	18°51	21°R21	20°34	13° 0	n.a.	S 2
S 3	14 26 16	7°28'52	6♉36	28°22	24°30	24°34	26°14	28°52	23°59	13°22	18°52	21°21	20°31	13° 7	n.a.	S 3
M 4	14 30 13	8°26'12	21°48	29°53	25°44	24°51	26°24	28°53	23°58	13°23	18°53	21°19	20°28	13°14	n.a.	M 4
T 5	14 34 9	9°23'32	6♊54	1♊22	26°57	25°10	26°35	28°54	23°56	13°25	18°54	21°18	20°25	13°20	n.a.	T 5
W 6	14 38 6	10°20'50	21°45	2°47	28°10	25°29	26°46	28°55	23°55	13°26	18°55	21°15	20°22	13°27	n.a.	W 6
T 7	14 42 3	11°18'07	6♋14	4°10	29°24	25°48	26°57	28°55	23°53	13°28	18°56	21°13	20°18	13°34	n.a.	T 7
F 8	14 45 59	12°15'23	20°18	5°29	0♉37	26° 8	27° 8	28°56	23°52	13°29	18°56	21°11	20°15	13°40	n.a.	F 8
S 9	14 49 56	13°12'38	3♌55	6°46	1°51	26°28	27°19	28°56	23°50	13°30	18°57	21°10	20°12	13°47	n.a.	S 9
S 10	14 53 52	14° 9'52	17° 6	7°59	3° 4	26°48	27°30	28°57	23°49	13°32	18°58	21°D 9	20° 9	13°54	n.a.	S 10
M11	14 57 49	15° 7'05	29°54	9° 9	4°17	27° 9	27°42	28°57	23°47	13°33	18°59	21°10	20° 6	14° 0	n.a.	M11
T 12	15 1 45	16° 4'17	12♍22	10°16	5°31	27°31	27°53	28°58	23°45	13°34	19° 0	21°12	20° 3	14° 7	n.a.	T 12
W13	15 5 42	17° 1'28	24°35	11°20	6°44	27°53	28° 5	28°58	23°43	13°36	19° 1	21°13	19°59	14°14	n.a.	W13
T 14	15 9 38	17°58'38	6♎37	12°20	7°57	28°15	28°16	28°R58	23°42	13°37	19° 2	21°15	19°56	14°20	n.a.	T 14
F 15	15 13 35	18°55'47	18°31	13°17	9°11	28°38	28°28	28°58	23°40	13°38	19° 3	21°R15	19°53	14°27	n.a.	F 15
S 16	15 17 32	19°52'56	0♏20	14°10	10°24	29° 1	28°39	28°58	23°38	13°39	19° 4	21°15	19°50	14°34	n.a.	S 16
S 17	15 21 28	20°50'05	12° 9	14°59	11°38	29°24	28°51	28°57	23°36	13°40	19° 6	21°13	19°47	14°40	n.a.	S 17
M18	15 25 25	21°47'12	23°58	15°45	12°51	29°48	29° 3	28°57	23°34	13°41	19° 7	21°10	19°44	14°47	n.a.	M18
T 19	15 29 21	22°44'20	5♐50	16°27	14° 5	0♏12	29°14	28°56	23°32	13°43	19° 8	21° 6	19°40	14°54	n.a.	T 19
W20	15 33 18	23°41'27	17°47	17° 5	15°18	0°36	29°26	28°56	23°30	13°44	19° 9	21° 0	19°37	15° 0	n.a.	W20
T 21	15 37 14	24°38'34	29°51	17°39	16°32	1° 1	29°38	28°55	23°28	13°45	19°10	20°55	19°34	15° 7	n.a.	T 21
F 22	15 41 11	25°35'41	12♑ 4	18° 8	17°45	1°26	29°50	28°55	23°26	13°46	19°11	20°49	19°31	15°14	n.a.	F 22
S 23	15 45 8	26°32'47	24°28	18°34	18°59	1°51	0♋ 2	28°54	23°24	13°47	19°13	20°44	19°28	15°20	n.a.	S 23
S 24	15 49 4	27°29'54	7♒ 6	18°55	20°12	2°17	0°14	28°53	23°22	13°47	19°14	20°41	19°24	15°27	n.a.	S 24
M25	15 53 1	28°27'00	20° 1	19°11	21°26	2°43	0°26	28°52	23°20	13°48	19°15	20°39	19°21	15°34	n.a.	M25
T 26	15 56 57	29°24'07	3♓15	19°23	22°39	3° 9	0°38	28°51	23°18	13°49	19°17	20°D39	19°18	15°40	n.a.	T 26
W27	16 0 54	0♊21'13	16°52	19°31	23°53	3°36	0°51	28°49	23°16	13°50	19°18	20°40	19°15	15°47	n.a.	W27
T 28	16 4 50	1°18'20	0♈52	19°R34	25° 6	4° 3	1° 3	28°48	23°14	13°51	19°19	20°41	19°12	15°54	n.a.	T 28
F 29	16 8 47	2°15'27	15°16	19°32	26°20	4°30	1°15	28°47	23°11	13°52	19°21	20°R42	19° 9	16° 0	n.a.	F 29
S 30	16 12 43	3°12'35	0♉ 0	19°26	27°33	4°58	1°28	28°45	23° 9	13°52	19°22	20°42	19° 5	16° 7	n.a.	S 30
S 31	16 16 40	4♊ 9'42	15♉ 1	19♊15	28♉47	5♍26	1♋40	28♋44	23♐ 7	13♓53	19♋23	20♎40	19♎ 2	16♏14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n32	3n52	1n21	21n29	2n16	7n36	1s10	15n12	1n36	24n 2	0n22	21s29	0s52	23s51	0s16	8s 6	1s35	31n13	8n56	8s25	8s 9	14s 2		n.a.
S 2	13 51	8 27	0s 1	21 54	2 17	8 5	1 9	15 4	1 34	24 2	0 22	21 29	0 52	23 51	0 16	8 5	1 35	31 13	8 55	8 25	8 8	14 3		n.a.
S 3	14 10	12 34	1 23	22 16	2 18	8 34	1 7	14 56	1 32	24 3	0 23	21 29	0 52	23 51	0 16	8 5	1 35	31 12	8 55	8 25	8 6	14 5		n.a.
M 4	14 29	15 51	2 41	22 37	2 18	9 3	1 5	14 48	1 30	24 3	0 23	21 29	0 52	23 51	0 16	8 4	1 35	31 12	8 55	8 25	8 5	14 6		n.a.
T 5	14 48	18 0	3 46	22 55	2 17	9 31	1 4	14 40	1 27	24 4	0 23	21 29	0 52	23 51	0 16	8 4	1 35	31 12	8 55	8 24	8 4	14 7		n.a.
W 6	15 6	18 53	4 35	23 11	2 15	9 59	1 2	14 31	1 25	24 4	0 23	21 29	0 53	23 51	0 16	8 3	1 35	31 11	8 55	8 23	8 3	14 8		n.a.
T 7	15 24	18 30	5 5	23 25	2 13	10 27	1 0	14 23	1 23	24 4	0 23	21 29	0 53	23 51	0 16	8 3	1 35	31 11	8 55	8 22	8 2	14 9		n.a.
F 8	15 42	16 58	5 16	23 36	2 10	10 55	0 58	14 14	1 21	24 5	0 23	21 29	0 53	23 51	0 16	8 2	1 36	31 11	8 54	8 22	8 0	14 11		n.a.
S 9	15 59	14 31	5 8	23 46	2 6	11 23	0 56	14 5	1 19	24 5	0 23	21 29	0 53	23 51	0 16	8 2	1 36	31 11	8 54	8 21	7 59	14 12		n.a.
S 10	16 17	11 23	4 44	23 54	2 1	11 50	0 54	13 56	1 17	24 5	0 23	21 29	0 53	23 51	0 16	8 1	1 36	31 10	8 54	8 21	7 58	14 13		n.a.
M11	16 34	7 48	4 7	24 0	1 56	12 17	0 52	13 47	1 15	24 5	0 23	21 29	0 53	23 51	0 16	8 1	1 36	31 10	8 54	8 21	7 57	14 14		n.a.
T 12	16 51	3 57	3 18	24 4	1 50	12 43	0 50	13 37	1 13	24 6	0 23	21 29	0 54	23 51	0 16	8 0	1 36	31 10	8 54	8 22	7 56	14 16		n.a.
W13	17 7	0 1	2 22	24 6	1 43	13 10	0 48	13 28	1 11	24 6	0 23	21 29	0 54	23 50	0 16	8 0	1 36	31 9	8 54	8 22	7 54	14 17		n.a.
T 14	17 24	3s52	1 20	24 7	1 35	13 36	0 46	13 18	1 9	24 6	0 23	21 30	0 54	23 50	0 16	7 59	1 36	31 9	8 54	8 23	7 53	14 18		n.a.
F 15	17 40	7 34	0 15	24 6	1 27	14 2	0 44	13 8	1 7	24 6	0 23	21 30	0 54	23 50	0 16	7 59	1 36	31 9	8 53	8 23	7 52	14 19		n.a.
S 16	17 55	10 57	0n50	24 3	1 18	14 27	0 42	12 59	1 5	24 6	0 23	21 30	0 54	23 50	0 16	7 59	1 36	31 8	8 53	8 23	7 51	14 20		n.a.
S 17	18 11	13 53	1 52	23 59	1 8	14 52	0 40	12 49	1 4	24 7	0 23	21 30	0 55	23 50	0 16	7 58	1 36	31 8	8 53	8 22	7 50	14 22		n.a.
M18	18 26	16 15	2 50	23 54	0 57	15 17	0 38	12 38	1 2	24 7	0 23	21 30	0 55	23 50	0 16	7 58	1 36	31 8	8 53	8 21	7 48	14 23		n.a.
T 19	18 41	17 55	3 40	23 47	0 46	15 41	0 36	12 28	1 0	24 7	0 24	21 31	0 55	23 50	0 16	7 57	1 36	31 8	8 53	8 20	7 47	14 24		n.a.
W20	18 55	18 49	4 21	23 39	0 34	16 5	0 33	12 18	0 58	24 7	0 24	21 31	0 55	23 50	0 16	7 57	1 36	31 7	8 53	8 18	7 46	14 25		n.a.
T 21	19 9	18 53	4 51	23 30	0 22	16 29	0 31	12 7	0 56	24 7	0 24	21 31	0 55	23 50	0 16	7 57	1 36	31 7	8 53	8 15	7 45	14 26		n.a.
F 22	19 23	18 4	5 8	23 20	0 9	16 52	0 29	11 56	0 54	24 7	0 24	21 32	0 55	23 50	0 16	7 56	1 36	31 7	8 52	8 13	7 43	14 28		n.a.
S 23	19 37	16 23	5 11	23 9	0s 5	17 15	0 26	11 46	0 53	24 7	0 24	21 32	0 56	23 50	0 16	7 56	1 36	31 6	8 52	8 11	7 42	14 29		n.a.
S 24	19 50	13 54	4 59	22 56	0 19	17 37	0 24	11 35	0 51	24 7	0 24	21 32	0 56	23 50	0 16	7 56	1 36	31 6	8 52	8 10	7 41	14 30		n.a.
M25	20 3	10 41	4 32	22 43	0 34	17 59	0 22	11 24	0 49	24 7	0 24	21 33	0 56	23 50	0 16	7 55	1 36	31 6	8 52	8 10	7 40	14 31		n.a.
T 26	20 16	6 52	3 50	22 29	0 49	18 20	0 19	11 12	0 47	24 7	0 24	21 33	0 56	23 49	0 16	7 55	1 37	31 5	8 52	8 9	7 39	14 32		n.a.
W27	20 28	2 35	2 54	22 14	1 4	18 41	0 17	11 1	0 46	24 7	0 24	21 33	0 56	23 49	0 16	7 55	1 37	31 5	8 52	8 10	7 37	14 33		n.a.
T 28	20 40	1n58	1 46	21 59	1 20	19 2	0 15	10 49	0 44	24 7	0 24	21 34	0 56	23 49	0 16	7 55	1 37	31 5	8 52	8 10	7 36	14 35		n.a.
F 29	20 52	6 32	0 30	21 43	1 36	19 22	0 12	10 38	0 42	24 7	0 24	21 34	0 57	23 49	0 16	7 54	1 37	31 4	8 52	8 11	7 35	14 36		n.a.
S 30	21 3	10 49	0s50	21 26	1 52	19 41	0 10	10 26	0 41	24 7	0 24	21 35	0 57	23 49	0 16	7 54	1 37	31 4	8 51	8 11	7 34	14 37		n.a.
S 31	21n14	14n30	2s 8	21n 9	2s 8	20n 0	0s 8	10n14	0n39	24n 7	0n24	21s35	0s57	23s49	0s16	7s54	1s37	31n 4	8n51	8s10	7s32	14s38		n.a.

Julian Day Number = 1620734.5, Delta T = 03h47m41s
Ecliptic obliquity = 23°43'35, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'36, Lahiri = - 7°45'36 Julian Calendar 1 May 276 BCE == Greg. Calendar 27 Apr. 276 BCE

The year -275 astronomical counting style corresponds to year 276 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

JUNE 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 20 37	5♊ 6'50	0♊11	19°R 0	0♊ 1	5♍54	1♋53	28°R42	23°R 5	13♓54	19♋25	20°R36	18♎59	16♏20	n.a.	M 1
T 2	16 24 33	6° 3'57	15°19	18♊41	1°14	6°22	2° 5	28♑40	23♐ 3	13°54	19°26	20♎30	18°56	16°27	n.a.	T 2
W 3	16 28 30	7° 1'05	0♋16	18°18	2°28	6°51	2°18	28°38	23° 0	13°55	19°28	20°23	18°53	16°34	n.a.	W 3
T 4	16 32 26	7°58'13	14°54	17°51	3°42	7°20	2°30	28°36	22°58	13°56	19°29	20°16	18°50	16°40	n.a.	T 4
F 5	16 36 23	8°55'20	29° 6	17°21	4°55	7°49	2°43	28°34	22°56	13°56	19°31	20°10	18°46	16°47	n.a.	F 5
S 6	16 40 19	9°52'28	12♌49	16°49	6° 9	8°19	2°55	28°32	22°53	13°57	19°32	20° 5	18°43	16°54	n.a.	S 6
S 7	16 44 16	10°49'35	26° 4	16°14	7°23	8°48	3° 8	28°30	22°51	13°57	19°34	20° 2	18°40	17° 0	n.a.	S 7
M 8	16 48 12	11°46'43	8♍53	15°37	8°36	9°18	3°21	28°28	22°49	13°58	19°35	20°D 1	18°37	17° 7	n.a.	M 8
T 9	16 52 9	12°43'50	21°20	14°59	9°50	9°49	3°34	28°25	22°46	13°58	19°37	20° 1	18°34	17°14	n.a.	T 9
W10	16 56 6	13°40'58	3♎30	14°20	11° 4	10°19	3°46	28°23	22°44	13°58	19°38	20° 2	18°30	17°20	n.a.	W10
T 11	17 0 2	14°38'05	15°28	13°42	12°18	10°50	3°59	28°20	22°41	13°59	19°40	20°R 3	18°27	17°27	n.a.	T 11
F 12	17 3 59	15°35'13	27°18	13° 5	13°31	11°21	4°12	28°18	22°39	13°59	19°42	20° 3	18°24	17°34	n.a.	F 12
S 13	17 7 55	16°32'21	9♏ 6	12°28	14°45	11°52	4°25	28°15	22°37	13°59	19°43	20° 1	18°21	17°40	n.a.	S 13
S 14	17 11 52	17°29'29	20°54	11°55	15°59	12°23	4°38	28°12	22°34	14° 0	19°45	19°57	18°18	17°47	n.a.	S 14
M15	17 15 48	18°26'37	2♐47	11°23	17°13	12°55	4°51	28° 9	22°32	14° 0	19°46	19°50	18°15	17°54	n.a.	M15
T 16	17 19 45	19°23'46	14°45	10°56	18°27	13°27	5° 4	28° 6	22°29	14° 0	19°48	19°42	18°11	18° 0	n.a.	T 16
W17	17 23 41	20°20'56	26°52	10°32	19°40	13°59	5°17	28° 3	22°27	14° 0	19°50	19°31	18° 8	18° 7	n.a.	W17
T 18	17 27 38	21°18'06	9♑ 7	10°12	20°54	14°31	5°30	28° 0	22°25	14° 0	19°51	19°20	18° 5	18°14	n.a.	T 18
F 19	17 31 35	22°15'17	21°33	9°57	22° 8	15° 4	5°43	27°57	22°22	14° 1	19°53	19° 9	18° 2	18°20	n.a.	F 19
S 20	17 35 31	23°12'29	4♒ 9	9°47	23°22	15°36	5°56	27°54	22°20	14° 1	19°55	19° 0	17°59	18°27	n.a.	S 20
S 21	17 39 28	24° 9'41	16°57	9°D42	24°36	16° 9	6° 9	27°50	22°17	14° 1	19°57	18°52	17°55	18°34	n.a.	S 21
M22	17 43 24	25° 6'55	29°59	9°43	25°50	16°42	6°22	27°47	22°15	14°R 1	19°58	18°47	17°52	18°40	n.a.	M22
T 23	17 47 21	26° 4'09	13♓15	9°50	27° 4	17°16	6°35	27°43	22°13	14° 1	20° 0	18°45	17°49	18°47	n.a.	T 23
W24	17 51 17	27° 1'24	26°48	10° 2	28°18	17°49	6°48	27°40	22°10	14° 1	20° 2	18°D44	17°46	18°54	n.a.	W24
T 25	17 55 14	27°58'41	10♈39	10°21	29°32	18°23	7° 1	27°36	22° 8	14° 0	20° 4	18°44	17°43	19° 0	n.a.	T 25
F 26	17 59 10	28°55'58	24°49	10°45	0♋46	18°56	7°14	27°33	22° 5	14° 0	20° 5	18°R44	17°40	19° 7	n.a.	F 26
S 27	18 3 7	29°53'17	9♉18	11°16	2° 0	19°31	7°28	27°29	22° 3	14° 0	20° 7	18°43	17°36	19°14	n.a.	S 27
S 28	18 7 4	0♋50'37	24° 1	11°52	3°14	20° 5	7°41	27°25	22° 1	14° 0	20° 9	18°39	17°33	19°20	n.a.	S 28
M29	18 11 0	1°47'58	8♊54	12°35	4°28	20°39	7°54	27°21	21°58	14° 0	20°11	18°33	17°30	19°27	n.a.	M29
T 30	18 14 57	2♋45'21	23♊50	13♊23	5♋42	21♍14	8♋ 7	27♑18	21♐56	13♓59	20♋13	18♎24	17♎27	19♏34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n24	17n13	3s17	20n52	2s24	20n19	0s 5	10n 2	0n38	24n 7	0n24	21s36	0s57	23s49	0s16	7s54	1s37	31n 3	8n51	8s 8	7s31	14s39		n.a.
T 2	21 35	18 43	4 13	20 35	2 40	20 36	0 3	9 50	0 36	24 7	0 24	21 36	0 57	23 49	0 16	7 54	1 37	31 3	8 51	8 6	7 30	14 40		n.a.
W 3	21 45	18 54	4 50	20 18	2 55	20 54	0 1	9 38	0 34	24 7	0 25	21 37	0 57	23 49	0 16	7 53	1 37	31 3	8 51	8 4	7 29	14 42		n.a.
T 4	21 54	17 48	5 7	20 1	3 9	21 10	0n 2	9 26	0 33	24 7	0 25	21 37	0 58	23 48	0 16	7 53	1 37	31 2	8 51	8 1	7 28	14 43		n.a.
F 5	22 3	15 37	5 5	19 45	3 23	21 27	0 4	9 13	0 31	24 7	0 25	21 38	0 58	23 48	0 16	7 53	1 37	31 2	8 51	7 58	7 26	14 44		n.a.
S 6	22 12	12 37	4 45	19 28	3 36	21 42	0 7	9 1	0 30	24 6	0 25	21 39	0 58	23 48	0 16	7 53	1 37	31 2	8 51	7 57	7 25	14 45		n.a.
S 7	22 20	9 4	4 10	19 13	3 48	21 57	0 9	8 48	0 28	24 6	0 25	21 39	0 58	23 48	0 16	7 53	1 37	31 1	8 51	7 55	7 24	14 46		n.a.
M 8	22 28	5 12	3 23	18 58	3 59	22 11	0 11	8 35	0 27	24 6	0 25	21 40	0 58	23 48	0 16	7 53	1 37	31 1	8 51	7 55	7 23	14 47		n.a.
T 9	22 36	1 12	2 28	18 45	4 9	22 25	0 14	8 22	0 25	24 6	0 25	21 41	0 58	23 48	0 16	7 52	1 37	31 1	8 51	7 55	7 21	14 48		n.a.
W10	22 43	2s45	1 28	18 32	4 17	22 38	0 16	8 9	0 24	24 5	0 25	21 41	0 59	23 48	0 16	7 52	1 37	31 1	8 50	7 56	7 20	14 50		n.a.
T 11	22 50	6 32	0 25	18 21	4 24	22 50	0 18	7 56	0 22	24 5	0 25	21 42	0 59	23 48	0 16	7 52	1 38	31 0	8 50	7 56	7 19	14 51		n.a.
F 12	22 56	10 2	0n39	18 11	4 30	23 2	0 21	7 43	0 21	24 5	0 25	21 43	0 59	23 48	0 16	7 52	1 38	31 0	8 50	7 56	7 18	14 52		n.a.
S 13	23 2	13 7	1 40	18 3	4 33	23 13	0 23	7 30	0 20	24 4	0 25	21 43	0 59	23 47	0 16	7 52	1 38	31 0	8 50	7 55	7 17	14 53		n.a.
S 14	23 8	15 40	2 38	17 56	4 36	23 24	0 25	7 16	0 18	24 4	0 25	21 44	0 59	23 47	0 16	7 52	1 38	30 59	8 50	7 53	7 15	14 54		n.a.
M15	23 13	17 34	3 28	17 51	4 36	23 33	0 27	7 3	0 17	24 4	0 25	21 45	0 59	23 47	0 16	7 52	1 38	30 59	8 50	7 51	7 14	14 55		n.a.
T 16	23 18	18 42	4 10	17 49	4 35	23 43	0 30	6 49	0 15	24 3	0 25	21 46	1 0	23 47	0 16	7 52	1 38	30 59	8 50	7 48	7 13	14 56		n.a.
W17	23 22	19 1	4 41	17 48	4 32	23 51	0 32	6 35	0 14	24 3	0 26	21 46	1 0	23 47	0 16	7 52	1 38	30 58	8 50	7 44	7 12	14 57		n.a.
T 18	23 26	18 26	4 59	17 49	4 28	23 59	0 34	6 22	0 13	24 2	0 26	21 47	1 0	23 47	0 16	7 52	1 38	30 58	8 50	7 39	7 10	14 59		n.a.
F 19	23 30	16 59	5 3	17 52	4 23	24 5	0 36	6 8	0 11	24 2	0 26	21 48	1 0	23 47	0 16	7 52	1 38	30 58	8 50	7 35	7 9	15 0		n.a.
S 20	23 33	14 42	4 53	17 58	4 16	24 12	0 38	5 54	0 10	24 1	0 26	21 49	1 0	23 47	0 16	7 52	1 38	30 57	8 50	7 32	7 8	15 1		n.a.
S 21	23 36	11 41	4 28	18 5	4 8	24 17	0 40	5 40	0 9	24 1	0 26	21 50	1 0	23 46	0 16	7 52	1 38	30 57	8 50	7 29	7 7	15 2		n.a.
M22	23 38	8 2	3 49	18 14	3 59	24 22	0 42	5 25	0 7	24 0	0 26	21 50	1 0	23 46	0 16	7 52	1 38	30 57	8 50	7 27	7 6	15 3		n.a.
T 23	23 40	3 56	2 57	18 25	3 49	24 26	0 45	5 11	0 6	24 0	0 26	21 51	1 1	23 46	0 16	7 52	1 38	30 56	8 50	7 26	7 4	15 4		n.a.
W24	23 42	0n27	1 54	18 38	3 38	24 29	0 47	4 57	0 5	23 59	0 26	21 52	1 1	23 46	0 17	7 52	1 38	30 56	8 50	7 26	7 3	15 5		n.a.
T 25	23 43	4 55	0 43	18 52	3 26	24 32	0 48	4 42	0 4	23 58	0 26	21 53	1 1	23 46	0 17	7 52	1 38	30 56	8 50	7 26	7 2	15 6		n.a.
F 26	23 43	9 14	0s32	19 8	3 14	24 34	0 50	4 28	0 2	23 58	0 26	21 54	1 1	23 46	0 17	7 53	1 38	30 56	8 50	7 26	7 1	15 7		n.a.
S 27	23 44	13 4	1 47	19 25	3 1	24 35	0 52	4 13	0 1	23 57	0 26	21 55	1 1	23 46	0 17	7 53	1 39	30 55	8 50	7 25	6 59	15 8		n.a.
S 28	23 43	16 10	2 56	19 44	2 47	24 35	0 54	3 58	0s 0	23 56	0 26	21 56	1 1	23 45	0 17	7 53	1 39	30 55	8 50	7 24	6 58	15 10		n.a.
M29	23 43	18 13	3 53	20 3	2 33	24 35	0 56	3 44	0 1	23 56	0 27	21 56	1 1	23 45	0 17	7 53	1 39	30 55	8 50	7 21	6 57	15 11		n.a.
T 30	23n42	19n 0	4s35	20n23	2s19	24n34	0n58	3n29	0s 3	23n55	0n27	21s57	1s 2	23s45	0s17	7s53	1s39	30n54	8n50	7s18	6s56	15s12		n.a.

Julian Day Number = 1620765.5, Delta T = 03h47m40s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'32, Lahiri = - 7°45'31 Julian Calendar 1 June 276 BCE == Greg. Calendar 28 May 276 BCE

The year -275 astronomical counting style corresponds to year 276 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

JULY 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 18 53	3♋42'44	8♋38	14♊17	6♋56	21♍49	8♋20	27°R14	21°R54	13°R59	20♋14	18°R14	17♎24	19♏40	n.a.	W 1
T 2	18 22 50	4°40'08	23°12	15°17	8°10	22°24	8°33	27♉10	21♐51	13♓59	20°16	18♎ 3	17°21	19°47	n.a.	T 2
F 3	18 26 46	5°37'33	7♌23	16°23	9°24	22°59	8°47	27° 6	21°49	13°59	20°18	17°53	17°17	19°54	n.a.	F 3
S 4	18 30 43	6°35'00	21° 8	17°34	10°38	23°34	9° 0	27° 2	21°47	13°58	20°20	17°45	17°14	20° 0	n.a.	S 4
S 5	18 34 40	7°32'26	4♍25	18°50	11°52	24°10	9°13	26°57	21°44	13°58	20°22	17°39	17°11	20° 7	n.a.	S 5
M 6	18 38 36	8°29'54	17°16	20°12	13° 6	24°45	9°26	26°53	21°42	13°57	20°24	17°35	17° 8	20°14	n.a.	M 6
T 7	18 42 33	9°27'23	29°44	21°38	14°20	25°21	9°40	26°49	21°40	13°57	20°25	17°34	17° 5	20°20	n.a.	T 7
W 8	18 46 29	10°24'53	11♎55	23° 9	15°34	25°57	9°53	26°45	21°37	13°56	20°27	17°33	17° 1	20°27	n.a.	W 8
T 9	18 50 26	11°22'23	23°53	24°45	16°48	26°33	10° 6	26°40	21°35	13°56	20°29	17°33	16°58	20°34	n.a.	T 9
F 10	18 54 22	12°19'55	5♏43	26°25	18° 3	27° 9	10°19	26°36	21°33	13°55	20°31	17°32	16°55	20°40	n.a.	F 10
S 11	18 58 19	13°17'27	17°32	28° 8	19°17	27°46	10°32	26°32	21°31	13°55	20°33	17°30	16°52	20°47	n.a.	S 11
S 12	19 2 15	14°15'01	29°22	29°55	20°31	28°23	10°46	26°27	21°29	13°54	20°35	17°24	16°49	20°54	n.a.	S 12
M13	19 6 12	15°12'36	11♐20	1♋45	21°45	28°59	10°59	26°23	21°26	13°53	20°37	17°16	16°46	21° 0	n.a.	M13
T 14	19 10 9	16°10'12	23°26	3°37	22°59	29°36	11°12	26°19	21°24	13°53	20°39	17° 6	16°42	21° 7	n.a.	T 14
W15	19 14 5	17° 7'50	5♑44	5°32	24°14	0♎13	11°25	26°14	21°22	13°52	20°41	16°53	16°39	21°14	n.a.	W15
T 16	19 18 2	18° 5'29	18°14	7°29	25°28	0°50	11°38	26°10	21°20	13°51	20°42	16°40	16°36	21°20	n.a.	T 16
F 17	19 21 58	19° 3'09	0♒57	9°28	26°42	1°28	11°52	26° 5	21°18	13°50	20°44	16°27	16°33	21°27	n.a.	F 17
S 18	19 25 55	20° 0'50	13°51	11°27	27°56	2° 5	12° 5	26° 1	21°16	13°49	20°46	16°16	16°30	21°34	n.a.	S 18
S 19	19 29 51	20°58'34	26°57	13°27	29°10	2°43	12°18	25°56	21°14	13°49	20°48	16° 6	16°27	21°40	n.a.	S 19
M20	19 33 48	21°56'19	10♓14	15°28	0♌25	3°21	12°31	25°52	21°12	13°48	20°50	16° 0	16°23	21°47	n.a.	M20
T 21	19 37 44	22°54'05	23°43	17°29	1°39	3°59	12°44	25°47	21°10	13°47	20°52	15°57	16°20	21°54	n.a.	T 21
W22	19 41 41	23°51'54	7♈22	19°30	2°53	4°37	12°57	25°43	21° 8	13°46	20°54	15°55	16°17	22° 0	n.a.	W22
T 23	19 45 38	24°49'44	21°12	21°31	4° 8	5°15	13°10	25°38	21° 6	13°45	20°56	15°55	16°14	22° 7	n.a.	T 23
F 24	19 49 34	25°47'37	5♉15	23°31	5°22	5°53	13°23	25°33	21° 5	13°44	20°58	15°55	16°11	22°14	n.a.	F 24
S 25	19 53 31	26°45'31	19°29	25°30	6°36	6°32	13°36	25°29	21° 3	13°43	20°59	15°54	16° 7	22°20	n.a.	S 25
S 26	19 57 27	27°43'27	3♊53	27°29	7°51	7°10	13°49	25°24	21° 1	13°42	21° 1	15°50	16° 4	22°27	n.a.	S 26
M27	20 1 24	28°41'26	18°23	29°27	9° 5	7°49	14° 2	25°20	20°59	13°41	21° 3	15°43	16° 1	22°34	n.a.	M27
T 28	20 5 20	29°39'26	2♋55	1♌24	10°19	8°28	14°15	25°15	20°57	13°40	21° 5	15°35	15°58	22°40	n.a.	T 28
W29	20 9 17	0♌37'28	17°23	3°19	11°34	9° 7	14°28	25°11	20°56	13°39	21° 7	15°24	15°55	22°47	n.a.	W29
T 30	20 13 13	1°35'32	1♌38	5°14	12°48	9°46	14°41	25° 6	20°54	13°38	21° 9	15°13	15°52	22°54	n.a.	T 30
F 31	20 17 10	2♌33'37	15♌36	7♌ 7	14♌ 2	10♎25	14♋54	25♑ 2	20♐53	13♓37	21♋11	15♎ 2	15♎48	23♏ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n40	18n30	4s58	20n44	2s 4	24n32	0n59	3n14	0s 4	23n54	0n27	21s58	1s 2	23s45	0s17	7s53	1s39	30n54	8n50	7s14	6s55	15s13			n.a.
T 2	23 39	16 46	5 0	21 6	1 49	24 29	1 1	2 59	0 5	23 54	0 27	21 59	1 2	23 45	0 17	7 53	1 39	30 54	8 50	7 10	6 53	15 14			n.a.
F 3	23 36	14 4	4 45	21 27	1 35	24 26	1 3	2 44	0 6	23 53	0 27	22 0	1 2	23 45	0 17	7 54	1 39	30 53	8 50	7 6	6 52	15 15			n.a.
S 4	23 34	10 38	4 13	21 49	1 20	24 22	1 4	2 28	0 7	23 52	0 27	22 1	1 2	23 45	0 17	7 54	1 39	30 53	8 50	7 3	6 51	15 16			n.a.
S 5	23 30	6 47	3 28	22 10	1 5	24 17	1 6	2 13	0 8	23 51	0 27	22 2	1 2	23 44	0 17	7 54	1 39	30 53	8 50	7 0	6 50	15 17			n.a.
M 6	23 27	2 44	2 33	22 31	0 51	24 11	1 7	1 58	0 10	23 50	0 27	22 3	1 2	23 44	0 17	7 54	1 39	30 53	8 50	6 59	6 48	15 18			n.a.
T 7	23 23	1s19	1 33	22 51	0 37	24 5	1 9	1 42	0 11	23 49	0 27	22 4	1 2	23 44	0 17	7 55	1 39	30 52	8 50	6 58	6 47	15 19			n.a.
W 8	23 19	5 13	0 30	23 10	0 23	23 58	1 10	1 27	0 12	23 48	0 27	22 5	1 3	23 44	0 17	7 55	1 39	30 52	8 50	6 58	6 46	15 20			n.a.
T 9	23 14	8 51	0n33	23 27	0 10	23 50	1 12	1 11	0 13	23 48	0 27	22 6	1 3	23 44	0 17	7 55	1 39	30 52	8 50	6 58	6 45	15 21			n.a.
F 10	23 9	12 6	1 35	23 44	0n 3	23 42	1 13	0 56	0 14	23 47	0 28	22 7	1 3	23 44	0 17	7 55	1 39	30 52	8 50	6 58	6 43	15 22			n.a.
S 11	23 3	14 50	2 32	23 58	0 15	23 33	1 14	0 40	0 15	23 46	0 28	22 8	1 3	23 44	0 17	7 56	1 39	30 51	8 50	6 57	6 42	15 23			n.a.
S 12	22 57	16 58	3 22	24 10	0 27	23 23	1 15	0 24	0 16	23 45	0 28	22 9	1 3	23 43	0 17	7 56	1 39	30 51	8 50	6 55	6 41	15 24			n.a.
M13	22 51	18 23	4 4	24 21	0 38	23 12	1 17	0 9	0 17	23 44	0 28	22 10	1 3	23 43	0 17	7 56	1 39	30 51	8 50	6 52	6 40	15 26			n.a.
T 14	22 44	18 59	4 35	24 28	0 48	23 1	1 18	0s 7	0 18	23 43	0 28	22 11	1 3	23 43	0 17	7 57	1 40	30 50	8 50	6 48	6 39	15 27			n.a.
W15	22 37	18 42	4 55	24 34	0 57	22 49	1 19	0 23	0 19	23 42	0 28	22 12	1 3	23 43	0 17	7 57	1 40	30 50	8 50	6 43	6 37	15 28			n.a.
T 16	22 29	17 31	5 0	24 36	1 6	22 36	1 20	0 39	0 20	23 41	0 28	22 13	1 3	23 43	0 17	7 57	1 40	30 50	8 50	6 38	6 36	15 29			n.a.
F 17	22 21	15 27	4 51	24 36	1 14	22 23	1 20	0 55	0 21	23 40	0 28	22 13	1 4	23 43	0 17	7 58	1 40	30 50	8 50	6 33	6 35	15 30			n.a.
S 18	22 13	12 37	4 27	24 34	1 20	22 9	1 21	1 11	0 22	23 38	0 28	22 14	1 4	23 43	0 17	7 58	1 40	30 49	8 50	6 28	6 34	15 31			n.a.
S 19	22 4	9 6	3 48	24 28	1 27	21 54	1 22	1 27	0 23	23 37	0 28	22 15	1 4	23 43	0 17	7 58	1 40	30 49	8 50	6 25	6 32	15 32			n.a.
M20	21 55	5 6	2 57	24 20	1 32	21 39	1 23	1 43	0 24	23 36	0 29	22 16	1 4	23 42	0 17	7 59	1 40	30 49	8 50	6 22	6 31	15 33			n.a.
T 21	21 45	0 47	1 55	24 10	1 36	21 23	1 23	1 59	0 25	23 35	0 29	22 17	1 4	23 42	0 17	7 59	1 40	30 49	8 51	6 21	6 30	15 34			n.a.
W22	21 35	3n39	0 45	23 56	1 40	21 7	1 24	2 15	0 26	23 34	0 29	22 18	1 4	23 42	0 17	8 0	1 40	30 49	8 51	6 20	6 29	15 35			n.a.
T 23	21 25	7 56	0s28	23 41	1 43	20 49	1 25	2 32	0 27	23 33	0 29	22 19	1 4	23 42	0 17	8 0	1 40	30 48	8 51	6 20	6 27	15 36			n.a.
F 24	21 14	11 51	1 41	23 22	1 45	20 32	1 25	2 48	0 28	23 31	0 29	22 20	1 4	23 42	0 17	8 0	1 40	30 48	8 51	6 20	6 26	15 37			n.a.
S 25	21 3	15 7	2 48	23 2	1 46	20 13	1 25	3 4	0 29	23 30	0 29	22 21	1 4	23 42	0 17	8 1	1 40	30 48	8 51	6 20	6 25	15 38			n.a.
S 26	20 52	17 30	3 45	22 40	1 47	19 54	1 26	3 20	0 30	23 29	0 29	22 22	1 4	23 42	0 17	8 1	1 40	30 48	8 51	6 18	6 24	15 39			n.a.
M27	20 40	18 45	4 28	22 15	1 47	19 35	1 26	3 37	0 31	23 28	0 29	22 23	1 4	23 42	0 17	8 2	1 40	30 47	8 51	6 16	6 22	15 40			n.a.
T 28	20 28	18 47	4 54	21 49	1 47	19 15	1 26	3 53	0 32	23 26	0 29	22 24	1 5	23 41	0 17	8 2	1 40	30 47	8 51	6 12	6 21	15 41			n.a.
W29	20 15	17 36	5 1	21 21	1 46	18 54	1 26	4 9	0 33	23 25	0 30	22 25	1 5	23 41	0 17	8 3	1 40	30 47	8 51	6 8	6 20	15 42			n.a.
T 30	20 3	15 20	4 49	20 52	1 44	18 33	1 26	4 26	0 34	23 24	0 30	22 26	1 5	23 41	0 17	8 3	1 40	30 47	8 51	6 4	6 19	15 43			n.a.
F 31	19n49	12n12	4s20	20n21	1n42	18n11	1n26	4s42	0s35	23n22	0n30	22s27	1s 5	23s41	0s17	8s 4	1s40	30n47	8n52	5s59	6s18	15s44			n.a.

Julian Day Number = 1620795.5, Delta T = 03h47m39s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'28, Lahiri = - 7°45'27 Julian Calendar 1 July 276 BCE == Greg. Calendar 27 June 276 BCE

The year -275 astronomical counting style corresponds to year 276 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

AUGUST 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 21 7	3♌31'45	29♌13	9♌ 0	15♌17	11♎ 5	15♋ 7	24°R57	20°R51	13°R35	21♋13	14°R53	15♎45	23♏ 7	n.a.	S 1
S 2	20 25 3	4°29'53	12♍26	10°51	16°31	11°44	15°20	24♑53	20♐49	13♓34	21°14	14♎47	15°42	23°14	n.a.	S 2
M 3	20 29 0	5°28'04	25°15	12°40	17°45	12°24	15°33	24°48	20°48	13°33	21°16	14°43	15°39	23°20	n.a.	M 3
T 4	20 32 56	6°26'16	7♎44	14°29	19° 0	13° 4	15°45	24°44	20°46	13°32	21°18	14°41	15°36	23°27	n.a.	T 4
W 5	20 36 53	7°24'30	19°55	16°16	20°14	13°43	15°58	24°39	20°45	13°30	21°20	14°D41	15°33	23°34	n.a.	W 5
T 6	20 40 49	8°22'45	1♏54	18° 3	21°29	14°23	16°11	24°35	20°44	13°29	21°22	14°41	15°29	23°40	n.a.	T 6
F 7	20 44 46	9°21'02	13°46	19°48	22°43	15° 4	16°23	24°31	20°42	13°28	21°24	14°R41	15°26	23°47	n.a.	F 7
S 8	20 48 42	10°19'21	25°35	21°31	23°57	15°44	16°36	24°26	20°41	13°27	21°25	14°40	15°23	23°54	n.a.	S 8
S 9	20 52 39	11°17'41	7♐28	23°14	25°12	16°24	16°49	24°22	20°40	13°25	21°27	14°37	15°20	24° 0	n.a.	S 9
M10	20 56 35	12°16'04	19°29	24°56	26°26	17° 5	17° 1	24°18	20°39	13°24	21°29	14°31	15°17	24° 7	n.a.	M10
T 11	21 0 32	13°14'27	1♑42	26°36	27°41	17°45	17°14	24°14	20°37	13°22	21°31	14°23	15°13	24°14	n.a.	T 11
W12	21 4 29	14°12'53	14° 9	28°15	28°55	18°26	17°26	24°10	20°36	13°21	21°33	14°14	15°10	24°20	n.a.	W12
T 13	21 8 25	15°11'21	26°53	29°53	0♏ 9	19° 7	17°39	24° 6	20°35	13°20	21°34	14° 3	15° 7	24°27	n.a.	T 13
F 14	21 12 22	16° 9'50	9♒52	1♏30	1°24	19°48	17°51	24° 2	20°34	13°18	21°36	13°53	15° 4	24°34	n.a.	F 14
S 15	21 16 18	17° 8'21	23° 8	3° 6	2°38	20°29	18° 3	23°58	20°33	13°17	21°38	13°44	15° 1	24°40	n.a.	S 15
S 16	21 20 15	18° 6'55	6♓37	4°41	3°53	21°10	18°16	23°54	20°32	13°15	21°40	13°37	14°58	24°47	n.a.	S 16
M17	21 24 11	19° 5'30	20°17	6°15	5° 7	21°51	18°28	23°50	20°31	13°14	21°41	13°32	14°54	24°54	n.a.	M17
T 18	21 28 8	20° 4'08	4♈ 7	7°48	6°22	22°32	18°40	23°46	20°30	13°12	21°43	13°30	14°51	25° 1	n.a.	T 18
W19	21 32 4	21° 2'48	18° 4	9°20	7°36	23°14	18°52	23°42	20°30	13°11	21°45	13°D29	14°48	25° 7	n.a.	W19
T 20	21 36 1	22° 1'30	2♉ 6	10°50	8°50	23°55	19° 4	23°38	20°29	13° 9	21°46	13°30	14°45	25°14	n.a.	T 20
F 21	21 39 58	23° 0'15	16°12	12°20	10° 5	24°37	19°16	23°35	20°28	13° 8	21°48	13°31	14°42	25°21	n.a.	F 21
S 22	21 43 54	23°59'02	0♊21	13°49	11°19	25°19	19°28	23°31	20°28	13° 6	21°50	13°R31	14°38	25°27	n.a.	S 22
S 23	21 47 51	24°57'52	14°31	15°16	12°34	26° 0	19°40	23°27	20°27	13° 5	21°51	13°29	14°35	25°34	n.a.	S 23
M24	21 51 47	25°56'44	28°41	16°43	13°48	26°42	19°52	23°24	20°26	13° 3	21°53	13°26	14°32	25°41	n.a.	M24
T 25	21 55 44	26°55'38	12♋48	18° 8	15° 2	27°24	20° 4	23°21	20°26	13° 1	21°55	13°20	14°29	25°47	n.a.	T 25
W26	21 59 40	27°54'35	26°48	19°32	16°17	28° 6	20°15	23°17	20°25	13° 0	21°56	13°13	14°26	25°54	n.a.	W26
T 27	22 3 37	28°53'34	10♌37	20°56	17°31	28°49	20°27	23°14	20°25	12°58	21°58	13° 6	14°23	26° 1	n.a.	T 27
F 28	22 7 33	29°52'35	24°12	22°18	18°46	29°31	20°39	23°11	20°25	12°57	21°59	12°58	14°19	26° 7	n.a.	F 28
S 29	22 11 30	0♍51'38	7♍31	23°39	20° 0	0♏13	20°50	23° 8	20°24	12°55	22° 1	12°52	14°16	26°14	n.a.	S 29
S 30	22 15 26	1°50'43	20°31	24°58	21°14	0°56	21° 2	23° 5	20°24	12°53	22° 2	12°48	14°13	26°21	n.a.	S 30
M31	22 19 23	2♍49'51	3♎12	26♍16	22♍29	1♏39	21♋13	23♑ 2	20♐24	12♓52	22♋ 4	12♎46	14♎10	26♏27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n36	8n30	3s37	19n49	1n39	17n49	1n26	4s59	0s36	23n21	0n30	22s27	1s 5	23s41	0s17	8s 4	1s40	30n46	8n52	5s56	6s16	15s45		n.a.
S 2	19 22	4 29	2 43	19 16	1 36	17 27	1 26	5 15	0 36	23 20	0 30	22 28	1 5	23 41	0 17	8 5	1 40	30 46	8 52	5 53	6 15	15 46		n.a.
M 3	19 8	0 21	1 42	18 41	1 33	17 3	1 26	5 32	0 37	23 18	0 30	22 29	1 5	23 41	0 17	8 5	1 41	30 46	8 52	5 52	6 14	15 47		n.a.
T 4	18 53	3s40	0 37	18 6	1 29	16 40	1 26	5 48	0 38	23 17	0 30	22 30	1 5	23 41	0 17	8 6	1 41	30 46	8 52	5 51	6 13	15 48		n.a.
W 5	18 38	7 27	0n28	17 29	1 24	16 16	1 26	6 5	0 39	23 16	0 30	22 31	1 5	23 41	0 17	8 6	1 41	30 46	8 52	5 51	6 11	15 49		n.a.
T 6	18 23	10 52	1 31	16 52	1 20	15 51	1 25	6 21	0 40	23 14	0 30	22 32	1 5	23 40	0 17	8 7	1 41	30 46	8 52	5 51	6 10	15 50		n.a.
F 7	18 8	13 48	2 29	16 14	1 15	15 26	1 25	6 37	0 41	23 13	0 31	22 33	1 5	23 40	0 17	8 7	1 41	30 45	8 53	5 51	6 9	15 51		n.a.
S 8	17 52	16 9	3 20	15 35	1 9	15 1	1 24	6 54	0 41	23 11	0 31	22 34	1 5	23 40	0 17	8 8	1 41	30 45	8 53	5 51	6 8	15 52		n.a.
S 9	17 36	17 49	4 3	14 56	1 4	14 35	1 24	7 10	0 42	23 10	0 31	22 34	1 5	23 40	0 17	8 8	1 41	30 45	8 53	5 50	6 6	15 53		n.a.
M10	17 19	18 43	4 36	14 17	0 58	14 9	1 23	7 27	0 43	23 8	0 31	22 35	1 5	23 40	0 17	8 9	1 41	30 45	8 53	5 47	6 5	15 54		n.a.
T 11	17 3	18 46	4 57	13 37	0 52	13 42	1 22	7 43	0 44	23 7	0 31	22 36	1 5	23 40	0 17	8 10	1 41	30 45	8 53	5 44	6 4	15 55		n.a.
W12	16 46	17 55	5 4	12 56	0 46	13 15	1 21	8 0	0 45	23 5	0 31	22 37	1 5	23 40	0 17	8 10	1 41	30 45	8 53	5 40	6 3	15 56		n.a.
T 13	16 28	16 11	4 57	12 15	0 39	12 48	1 21	8 16	0 45	23 4	0 31	22 37	1 6	23 40	0 17	8 11	1 41	30 45	8 53	5 36	6 1	15 57		n.a.
F 14	16 11	13 35	4 34	11 34	0 33	12 21	1 20	8 32	0 46	23 2	0 31	22 38	1 6	23 40	0 17	8 11	1 41	30 44	8 54	5 32	6 0	15 58		n.a.
S 15	15 53	10 15	3 56	10 53	0 26	11 53	1 19	8 49	0 47	23 1	0 32	22 39	1 6	23 40	0 17	8 12	1 41	30 44	8 54	5 29	5 59	15 58		n.a.
S 16	15 35	6 20	3 4	10 12	0 19	11 24	1 18	9 5	0 48	22 59	0 32	22 40	1 6	23 40	0 17	8 12	1 41	30 44	8 54	5 26	5 58	15 59		n.a.
M17	15 17	2 2	2 1	9 30	0 12	10 56	1 16	9 21	0 48	22 58	0 32	22 40	1 6	23 40	0 17	8 13	1 41	30 44	8 54	5 24	5 56	16 0		n.a.
T 18	14 58	2n25	0 50	8 49	0 4	10 27	1 15	9 38	0 49	22 56	0 32	22 41	1 6	23 39	0 17	8 14	1 41	30 44	8 54	5 23	5 55	16 1		n.a.
W19	14 39	6 47	0s25	8 7	0s 3	9 58	1 14	9 54	0 50	22 55	0 32	22 42	1 6	23 39	0 17	8 14	1 41	30 44	8 55	5 23	5 54	16 2		n.a.
T 20	14 20	10 48	1 39	7 26	0 10	9 28	1 13	10 10	0 51	22 53	0 32	22 43	1 6	23 39	0 17	8 15	1 41	30 44	8 55	5 23	5 53	16 3		n.a.
F 21	14 1	14 13	2 47	6 44	0 18	8 59	1 11	10 26	0 51	22 51	0 32	22 43	1 6	23 39	0 17	8 16	1 41	30 44	8 55	5 24	5 51	16 4		n.a.
S 22	13 41	16 48	3 45	6 3	0 25	8 29	1 10	10 43	0 52	22 50	0 33	22 44	1 6	23 39	0 17	8 16	1 41	30 44	8 55	5 24	5 50	16 5		n.a.
S 23	13 21	18 21	4 30	5 22	0 33	7 59	1 9	10 59	0 53	22 48	0 33	22 44	1 6	23 39	0 17	8 17	1 41	30 44	8 55	5 23	5 49	16 6		n.a.
M24	13 1	18 45	4 58	4 41	0 41	7 28	1 7	11 15	0 53	22 47	0 33	22 45	1 6	23 39	0 17	8 17	1 41	30 43	8 56	5 22	5 48	16 7		n.a.
T 25	12 41	17 59	5 8	4 0	0 49	6 58	1 5	11 31	0 54	22 45	0 33	22 46	1 6	23 39	0 17	8 18	1 41	30 43	8 56	5 19	5 47	16 8		n.a.
W26	12 21	16 9	5 0	3 20	0 56	6 27	1 4	11 47	0 55	22 43	0 33	22 46	1 6	23 39	0 17	8 19	1 41	30 43	8 56	5 17	5 45	16 9		n.a.
T 27	12 0	13 24	4 34	2 40	1 4	5 56	1 2	12 2	0 55	22 42	0 33	22 47	1 6	23 39	0 17	8 19	1 41	30 43	8 56	5 14	5 44	16 10		n.a.
F 28	11 39	9 57	3 53	2 0	1 12	5 25	1 0	12 18	0 56	22 40	0 33	22 47	1 6	23 39	0 17	8 20	1 41	30 43	8 56	5 11	5 43	16 11		n.a.
S 29	11 18	6 5	2 59	1 20	1 19	4 54	0 59	12 34	0 56	22 39	0 34	22 48	1 6	23 39	0 17	8 21	1 41	30 43	8 57	5 9	5 42	16 12		n.a.
S 30	10 57	2 0	1 58	0 42	1 27	4 23	0 57	12 50	0 57	22 37	0 34	22 49	1 6	23 39	0 17	8 21	1 41	30 43	8 57	5 7	5 40	16 12		n.a.
M31	10n35	2s 5	0s52	0n 3	1s35	3n51	0n55	13s 5	0s58	22n35	0n34	22s49	1s 6	23s39	0s17	8s22	1s41	30n43	8n57	5s 6	5s39	16s13		n.a.

Julian Day Number = 1620826.5, Delta T = 03h47m38s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'24, Lahiri = - 7°45'23 Julian Calendar 1 Aug. 276 BCE == Greg. Calendar 28 July 276 BCE

The year -275 astronomical counting style corresponds to year 276 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

SEPTEMBER 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 23 20	3♍49'00	15♎37	27♍33	23♍43	2♏21	21♋24	22°R59	20°R24	12°R50	22♋ 5	12°D46	14♎ 7	26♏34	n.a.	T 1
W 2	22 27 16	4°48'11	27°46	28°49	24°58	3° 4	21°36	22♌56	20♐23	12♓48	22° 7	12♎47	14° 4	26°41	n.a.	W 2
T 3	22 31 13	5°47'25	9♏45	0♎ 3	26°12	3°47	21°47	22°53	20°23	12°47	22° 8	12°48	14° 0	26°47	n.a.	T 3
F 4	22 35 9	6°46'40	21°37	1°15	27°26	4°30	21°58	22°51	20°D23	12°45	22°10	12°50	13°57	26°54	n.a.	F 4
S 5	22 39 6	7°45'57	3♐27	2°26	28°41	5°13	22° 9	22°48	20°23	12°43	22°11	12°R51	13°54	27° 1	n.a.	S 5
S 6	22 43 2	8°45'16	15°20	3°35	29°55	5°56	22°20	22°46	20°24	12°42	22°13	12°51	13°51	27° 7	n.a.	S 6
M 7	22 46 59	9°44'37	27°21	4°42	1♎10	6°40	22°31	22°43	20°24	12°40	22°14	12°49	13°48	27°14	n.a.	M 7
T 8	22 50 55	10°44'00	9♑36	5°47	2°24	7°23	22°41	22°41	20°24	12°38	22°16	12°46	13°44	27°21	n.a.	T 8
W 9	22 54 52	11°43'25	22° 7	6°49	3°38	8° 6	22°52	22°39	20°24	12°37	22°17	12°42	13°41	27°27	n.a.	W 9
T 10	22 58 49	12°42'52	4♒57	7°49	4°53	8°50	23° 3	22°37	20°24	12°35	22°18	12°37	13°38	27°34	n.a.	T 10
F 11	23 2 45	13°42'20	18° 8	8°46	6° 7	9°33	23°13	22°35	20°25	12°33	22°19	12°32	13°35	27°41	n.a.	F 11
S 12	23 6 42	14°41'51	1♓40	9°41	7°21	10°17	23°24	22°33	20°25	12°32	22°21	12°28	13°32	27°48	n.a.	S 12
S 13	23 10 38	15°41'23	15°31	10°31	8°35	11° 1	23°34	22°31	20°26	12°30	22°22	12°25	13°29	27°54	n.a.	S 13
M14	23 14 35	16°40'58	29°37	11°19	9°50	11°45	23°44	22°29	20°26	12°28	22°23	12°23	13°25	28° 1	n.a.	M14
T 15	23 18 31	17°40'35	13♈54	12° 2	11° 4	12°29	23°54	22°27	20°27	12°27	22°25	12°D22	13°22	28° 8	n.a.	T 15
W16	23 22 28	18°40'14	28°17	12°41	12°18	13°13	24° 4	22°26	20°27	12°25	22°26	12°23	13°19	28°14	n.a.	W16
T 17	23 26 24	19°39'56	12♉42	13°15	13°33	13°57	24°14	22°24	20°28	12°23	22°27	12°24	13°16	28°21	n.a.	T 17
F 18	23 30 21	20°39'40	27° 4	13°44	14°47	14°41	24°24	22°23	20°29	12°22	22°28	12°26	13°13	28°28	n.a.	F 18
S 19	23 34 17	21°39'26	11♊21	14° 7	16° 1	15°25	24°34	22°22	20°29	12°20	22°29	12°27	13°10	28°34	n.a.	S 19
S 20	23 38 14	22°39'15	25°29	14°24	17°15	16° 9	24°43	22°21	20°30	12°18	22°30	12°R27	13° 6	28°41	n.a.	S 20
M21	23 42 11	23°39'06	9♋28	14°34	18°30	16°54	24°53	22°20	20°31	12°17	22°31	12°26	13° 3	28°48	n.a.	M21
T 22	23 46 7	24°39'00	23°15	14°R36	19°44	17°38	25° 2	22°19	20°32	12°15	22°32	12°25	13° 0	28°54	n.a.	T 22
W23	23 50 4	25°38'55	6♌51	14°31	20°58	18°22	25°12	22°18	20°33	12°13	22°33	12°23	12°57	29° 1	n.a.	W23
T 24	23 54 0	26°38'53	20°14	14°17	22°12	19° 7	25°21	22°17	20°34	12°12	22°34	12°20	12°54	29° 8	n.a.	T 24
F 25	23 57 57	27°38'54	3♍23	13°54	23°26	19°52	25°30	22°16	20°35	12°10	22°35	12°18	12°50	29°14	n.a.	F 25
S 26	0 1 53	28°38'56	16°18	13°22	24°41	20°36	25°39	22°16	20°36	12° 9	22°36	12°17	12°47	29°21	n.a.	S 26
S 27	0 5 50	29°39'00	29° 0	12°41	25°55	21°21	25°48	22°15	20°37	12° 7	22°37	12°16	12°44	29°28	n.a.	S 27
M28	0 9 46	0♎39'07	11♎28	11°50	27° 9	22° 6	25°57	22°15	20°38	12° 5	22°38	12°D15	12°41	29°34	n.a.	M28
T 29	0 13 43	1°39'15	23°43	10°52	28°23	22°51	26° 5	22°15	20°40	12° 4	22°39	12°15	12°38	29°41	n.a.	T 29
W30	0 17 40	2♎39'25	5♏48	9♎46	29♎37	23♏36	26♋14	22♌15	20♐41	12♓ 2	22♋40	12♎16	12♎35	29♏48	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	10n14	5s59	0n16	0s35	1s42	3n20	0n53	13s21	0s58	22n34	0n34	22s50	1s 6	23s39	0s17	8s23	1s41	30n43	8n57	5s 6	5s38	16s14		n.a.	T 1
W 2	9 52	9 33	1 21	1 12	1 50	2 48	0 51	13 36	0 59	22 32	0 34	22 50	1 6	23 39	0 16	8 23	1 41	30 43	8 58	5 6	5 37	16 15		n.a.	W 2
T 3	9 30	12 40	2 22	1 48	1 57	2 16	0 49	13 52	0 59	22 30	0 34	22 51	1 6	23 39	0 16	8 24	1 41	30 43	8 58	5 7	5 35	16 16		n.a.	T 3
F 4	9 8	15 14	3 16	2 24	2 4	1 44	0 47	14 7	1 0	22 29	0 35	22 51	1 6	23 39	0 16	8 25	1 41	30 43	8 58	5 8	5 34	16 17		n.a.	F 4
S 5	8 45	17 8	4 2	2 59	2 11	1 13	0 44	14 22	1 1	22 27	0 35	22 51	1 6	23 39	0 16	8 25	1 41	30 43	8 58	5 8	5 33	16 18		n.a.	S 5
S 6	8 23	18 19	4 38	3 33	2 18	0 41	0 42	14 37	1 1	22 25	0 35	22 52	1 6	23 39	0 16	8 26	1 41	30 43	8 59	5 8	5 32	16 19		n.a.	S 6
M 7	8 0	18 41	5 2	4 6	2 25	0 9	0 40	14 52	1 2	22 24	0 35	22 52	1 6	23 39	0 16	8 27	1 41	30 43	8 59	5 7	5 30	16 20		n.a.	M 7
T 8	7 38	18 11	5 12	4 38	2 31	0s23	0 38	15 7	1 2	22 22	0 35	22 53	1 6	23 39	0 16	8 27	1 41	30 43	8 59	5 6	5 29	16 21		n.a.	T 8
W 9	7 15	16 49	5 9	5 9	2 37	0 55	0 35	15 22	1 3	22 21	0 35	22 53	1 6	23 39	0 16	8 28	1 41	30 43	8 59	5 4	5 28	16 21		n.a.	W 9
T 10	6 52	14 34	4 50	5 38	2 43	1 27	0 33	15 37	1 3	22 19	0 36	22 53	1 6	23 39	0 16	8 29	1 41	30 43	9 0	5 3	5 27	16 22		n.a.	T 10
F 11	6 29	11 32	4 15	6 6	2 49	1 59	0 31	15 51	1 4	22 17	0 36	22 54	1 6	23 39	0 16	8 29	1 41	30 43	9 0	5 1	5 25	16 23		n.a.	F 11
S 12	6 6	7 49	3 25	6 32	2 54	2 31	0 28	16 6	1 4	22 16	0 36	22 54	1 6	23 39	0 16	8 30	1 41	30 43	9 0	4 59	5 24	16 24		n.a.	S 12
S 13	5 42	3 36	2 22	6 57	2 59	3 3	0 26	16 20	1 5	22 14	0 36	22 54	1 6	23 39	0 16	8 31	1 41	30 43	9 1	4 58	5 23	16 25		n.a.	S 13
M14	5 19	0n55	1 10	7 20	3 3	3 35	0 23	16 34	1 5	22 12	0 36	22 54	1 6	23 39	0 16	8 31	1 41	30 43	9 1	4 57	5 22	16 26		n.a.	M14
T 15	4 56	5 25	0s 8	7 40	3 7	4 7	0 21	16 49	1 6	22 11	0 36	22 55	1 6	23 39	0 16	8 32	1 41	30 43	9 1	4 57	5 20	16 27		n.a.	T 15
W16	4 32	9 39	1 27	7 59	3 10	4 39	0 18	17 3	1 6	22 9	0 37	22 55	1 6	23 39	0 16	8 32	1 41	30 43	9 1	4 57	5 19	16 28		n.a.	W16
T 17	4 8	13 18	2 39	8 14	3 12	5 10	0 16	17 16	1 7	22 8	0 37	22 55	1 6	23 39	0 16	8 33	1 41	30 44	9 2	4 58	5 18	16 28		n.a.	T 17
F 18	3 45	16 8	3 42	8 27	3 14	5 42	0 13	17 30	1 7	22 6	0 37	22 55	1 6	23 39	0 16	8 34	1 41	30 44	9 2	4 58	5 17	16 29		n.a.	F 18
S 19	3 21	17 57	4 31	8 37	3 15	6 13	0 10	17 44	1 8	22 4	0 37	22 56	1 6	23 39	0 16	8 34	1 41	30 44	9 2	4 59	5 15	16 30		n.a.	S 19
S 20	2 57	18 37	5 2	8 43	3 15	6 44	0 8	17 57	1 8	22 3	0 37	22 56	1 6	23 39	0 16	8 35	1 41	30 44	9 3	4 59	5 14	16 31		n.a.	S 20
M21	2 33	18 9	5 15	8 46	3 13	7 15	0 5	18 10	1 8	22 1	0 37	22 56	1 6	23 39	0 16	8 36	1 41	30 44	9 3	4 58	5 13	16 32		n.a.	M21
T 22	2 9	16 36	5 10	8 45	3 11	7 46	0 2	18 24	1 9	22 0	0 38	22 56	1 6	23 39	0 16	8 36	1 41	30 44	9 3	4 58	5 12	16 33		n.a.	T 22
W23	1 45	14 9	4 48	8 39	3 7	8 17	0s 1	18 37	1 9	21 58	0 38	22 56	1 6	23 39	0 16	8 37	1 41	30 44	9 3	4 57	5 10	16 34		n.a.	W23
T 24	1 21	10 58	4 10	8 29	3 2	8 48	0 3	18 50	1 10	21 57	0 38	22 56	1 6	23 39	0 16	8 38	1 41	30 44	9 4	4 56	5 9	16 34		n.a.	T 24
F 25	0 57	7 18	3 19	8 13	2 55	9 18	0 6	19 2	1 10	21 55	0 38	22 56	1 6	23 40	0 16	8 38	1 41	30 44	9 4	4 55	5 8	16 35		n.a.	F 25
S 26	0 33	3 20	2 19	7 53	2 46	9 48	0 9	19 15	1 10	21 54	0 38	22 56	1 6	23 40	0 16	8 39	1 41	30 45	9 4	4 54	5 7	16 36		n.a.	S 26
S 27	0 8	0s42	1 13	7 27	2 35	10 18	0 12	19 27	1 11	21 52	0 39	22 56	1 6	23 40	0 16	8 39	1 41	30 45	9 5	4 54	5 5	16 37		n.a.	S 27
M28	0s16	4 39	0 4	6 55	2 23	10 48	0 14	19 39	1 11	21 51	0 39	22 57	1 6	23 40	0 16	8 40	1 41	30 45	9 5	4 54	5 4	16 38		n.a.	M28
T 29	0 40	8 20	1n 3	6 19	2 9	11 18	0 17	19 51	1 11	21 49	0 39	22 57	1 6	23 40	0 16	8 41	1 41	30 45	9 5	4 54	5 3	16 39		n.a.	T 29
W30	1s 4	11s37	2n 7	5s38	1s53	11s47	0s20	20s 3	1s12	21n48	0n39	22s57	1s 6	23s40	0s16	8s41	1s41	30n45	9n 6	4s54	5s 2	16s39		n.a.	W30

Julian Day Number = 1620857.5, Delta T = 03h47m37s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'19, Lahiri = - 7°45'19 Julian Calendar 1 Sept. 276 BCE == Greg. Calendar 28 Aug. 276 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

OCTOBER 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 21 36	3♎39'37	17♏44	8°R34	0♏52	24♏21	26♋22	22°D15	20♐42	12°R 1	22♋41	12♎17	12♎31	29♏55	n.a.	T 1
F 2	0 25 33	4°39'51	29°35	7♎18	2° 6	25° 6	26°30	22♑15	20°44	11♓59	22°42	12°18	12°28	0♐ 1	n.a.	F 2
S 3	0 29 29	5°40'06	11♐24	6° 0	3°20	25°51	26°39	22°15	20°45	11°58	22°42	12°19	12°25	0° 8	n.a.	S 3
S 4	0 33 26	6°40'23	23°16	4°42	4°34	26°36	26°47	22°15	20°47	11°56	22°43	12°19	12°22	0°15	n.a.	S 4
M 5	0 37 22	7°40'42	5♑16	3°27	5°48	27°22	26°54	22°16	20°48	11°55	22°44	12°R19	12°19	0°21	n.a.	M 5
T 6	0 41 19	8°41'02	17°28	2°17	7° 2	28° 7	27° 2	22°16	20°50	11°53	22°45	12°19	12°15	0°28	n.a.	T 6
W 7	0 45 15	9°41'24	29°56	1°15	8°16	28°53	27°10	22°17	20°51	11°52	22°45	12°19	12°12	0°35	n.a.	W 7
T 8	0 49 12	10°41'47	12♒44	0°22	9°30	29°38	27°17	22°18	20°53	11°50	22°46	12°19	12° 9	0°41	n.a.	T 8
F 9	0 53 8	11°42'12	25°57	29♍39	10°44	0♐23	27°25	22°18	20°55	11°49	22°46	12°19	12° 6	0°48	n.a.	F 9
S 10	0 57 5	12°42'38	9♓34	29° 8	11°58	1° 9	27°32	22°19	20°57	11°48	22°47	12°D19	12° 3	0°55	n.a.	S 10
S 11	1 1 2	13°43'06	23°36	28°48	13°12	1°55	27°39	22°20	20°59	11°46	22°48	12°19	12° 0	1° 1	n.a.	S 11
M12	1 4 58	14°43'35	8♈ 0	28°D40	14°26	2°40	27°46	22°21	21° 0	11°45	22°48	12°R19	11°56	1° 8	n.a.	M12
T 13	1 8 55	15°44'06	22°40	28°44	15°40	3°26	27°52	22°23	21° 2	11°44	22°49	12°19	11°53	1°15	n.a.	T 13
W14	1 12 51	16°44'39	7♉31	28°58	16°54	4°12	27°59	22°24	21° 4	11°42	22°49	12°19	11°50	1°22	n.a.	W14
T 15	1 16 48	17°45'14	22°24	29°22	18° 8	4°58	28° 6	22°25	21° 6	11°41	22°49	12°18	11°47	1°28	n.a.	T 15
F 16	1 20 44	18°45'50	7♊12	29°55	19°22	5°44	28°12	22°27	21° 8	11°40	22°50	12°17	11°44	1°35	n.a.	F 16
S 17	1 24 41	19°46'29	21°48	0♎36	20°36	6°29	28°18	22°29	21°10	11°38	22°50	12°17	11°41	1°42	n.a.	S 17
S 18	1 28 37	20°47'09	6♋ 8	1°24	21°49	7°15	28°24	22°30	21°13	11°37	22°51	12°16	11°37	1°48	n.a.	S 18
M19	1 32 34	21°47'51	20° 8	2°19	23° 3	8° 1	28°30	22°32	21°15	11°36	22°51	12°D16	11°34	1°55	n.a.	M19
T 20	1 36 31	22°48'35	3♌48	3°20	24°17	8°47	28°36	22°34	21°17	11°35	22°51	12°16	11°31	2° 2	n.a.	T 20
W21	1 40 27	23°49'20	17° 9	4°25	25°31	9°34	28°41	22°36	21°19	11°34	22°51	12°17	11°28	2° 8	n.a.	W21
T 22	1 44 24	24°50'08	0♍13	5°35	26°45	10°20	28°46	22°38	21°21	11°33	22°52	12°18	11°25	2°15	n.a.	T 22
F 23	1 48 20	25°50'56	13° 1	6°48	27°58	11° 6	28°52	22°41	21°24	11°31	22°52	12°19	11°21	2°22	n.a.	F 23
S 24	1 52 17	26°51'47	25°35	8° 5	29°12	11°52	28°57	22°43	21°26	11°30	22°52	12°20	11°18	2°28	n.a.	S 24
S 25	1 56 13	27°52'39	7♎57	9°24	0♐26	12°38	29° 2	22°45	21°29	11°29	22°52	12°R21	11°15	2°35	n.a.	S 25
M26	2 0 10	28°53'32	20°10	10°45	1°39	13°25	29° 6	22°48	21°31	11°28	22°52	12°21	11°12	2°42	n.a.	M26
T 27	2 4 6	29°54'27	2♏14	12° 9	2°53	14°11	29°11	22°51	21°34	11°27	22°52	12°19	11° 9	2°49	n.a.	T 27
W28	2 8 3	0♏55'23	14°12	13°33	4° 7	14°57	29°15	22°53	21°36	11°26	22°52	12°17	11° 6	2°55	n.a.	W28
T 29	2 12 0	1°56'20	26° 5	15° 0	5°20	15°44	29°19	22°56	21°39	11°25	22°R52	12°14	11° 2	3° 2	n.a.	T 29
F 30	2 15 56	2°57'18	7♐55	16°27	6°34	16°30	29°23	22°59	21°41	11°25	22°52	12°11	10°59	3° 9	n.a.	F 30
S 31	2 19 53	3♏58'18	19♐45	17♎55	7♐48	17♐17	29♋27	23♑ 2	21♐44	11♓24	22♋52	12♎ 7	10♎56	3♐15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	1s28	14s22	3n 4	4s53	1s35	12s16	0s23	20s15	1s12	21n47	0n39	22s56	1s 5	23s40	0s16	8s42	1s41	30n45	9n 6	4s55	5s 0	16s40		n.a.	T 1
F 2	1 52	16 30	3 54	4 6	1 16	12 45	0 26	20 26	1 12	21 45	0 40	22 56	1 5	23 40	0 16	8 42	1 41	30 45	9 6	4 55	4 59	16 41		n.a.	F 2
S 3	2 17	17 55	4 33	3 16	0 56	13 13	0 28	20 38	1 13	21 44	0 40	22 56	1 5	23 40	0 16	8 43	1 41	30 46	9 7	4 55	4 58	16 42		n.a.	S 3
S 4	2 41	18 33	5 0	2 26	0 36	13 41	0 31	20 49	1 13	21 42	0 40	22 56	1 5	23 40	0 16	8 43	1 41	30 46	9 7	4 55	4 57	16 43		n.a.	S 4
M 5	3 5	18 22	5 15	1 37	0 15	14 9	0 34	21 0	1 13	21 41	0 40	22 56	1 5	23 40	0 16	8 44	1 41	30 46	9 7	4 56	4 55	16 43		n.a.	M 5
T 6	3 29	17 20	5 16	0 50	0n 5	14 36	0 37	21 10	1 14	21 40	0 40	22 56	1 5	23 41	0 16	8 45	1 41	30 46	9 8	4 56	4 54	16 44		n.a.	T 6
W 7	3 53	15 28	5 3	0 7	0 25	15 3	0 40	21 21	1 14	21 38	0 41	22 56	1 5	23 41	0 16	8 45	1 41	30 46	9 8	4 55	4 53	16 45		n.a.	W 7
T 8	4 17	12 48	4 34	0n31	0 44	15 30	0 42	21 31	1 14	21 37	0 41	22 56	1 5	23 41	0 16	8 46	1 41	30 47	9 8	4 55	4 52	16 46		n.a.	T 8
F 9	4 41	9 25	3 50	1 4	1 1	15 56	0 45	21 41	1 14	21 36	0 41	22 56	1 5	23 41	0 16	8 46	1 41	30 47	9 9	4 55	4 50	16 47		n.a.	F 9
S 10	5 5	5 25	2 52	1 31	1 16	16 22	0 48	21 51	1 15	21 35	0 41	22 55	1 5	23 41	0 16	8 47	1 41	30 47	9 9	4 55	4 49	16 47		n.a.	S 10
S 11	5 29	1 1	1 42	1 51	1 30	16 47	0 51	22 1	1 15	21 34	0 42	22 55	1 5	23 41	0 16	8 47	1 41	30 47	9 9	4 55	4 48	16 48		n.a.	S 11
M12	5 52	3n35	0 24	2 6	1 42	17 12	0 53	22 10	1 15	21 32	0 42	22 55	1 5	23 41	0 16	8 48	1 41	30 48	9 10	4 55	4 47	16 49		n.a.	M12
T 13	6 16	8 2	0s57	2 13	1 52	17 37	0 56	22 20	1 15	21 31	0 42	22 55	1 5	23 41	0 16	8 48	1 41	30 48	9 10	4 55	4 45	16 50		n.a.	T 13
W14	6 39	12 3	2 16	2 16	2 1	18 1	0 59	22 29	1 16	21 30	0 42	22 55	1 5	23 42	0 16	8 49	1 41	30 48	9 10	4 55	4 44	16 51		n.a.	W14
T 15	7 3	15 17	3 25	2 12	2 7	18 25	1 1	22 37	1 16	21 29	0 42	22 54	1 5	23 42	0 16	8 49	1 41	30 48	9 11	4 55	4 43	16 51		n.a.	T 15
F 16	7 26	17 30	4 20	2 3	2 12	18 48	1 4	22 46	1 16	21 28	0 43	22 54	1 5	23 42	0 16	8 50	1 41	30 49	9 11	4 55	4 41	16 52		n.a.	F 16
S 17	7 49	18 31	4 57	1 50	2 16	19 11	1 6	22 54	1 16	21 27	0 43	22 54	1 5	23 42	0 16	8 50	1 41	30 49	9 11	4 55	4 40	16 53		n.a.	S 17
S 18	8 13	18 20	5 16	1 33	2 19	19 33	1 9	23 2	1 16	21 26	0 43	22 53	1 5	23 42	0 16	8 50	1 41	30 49	9 12	4 54	4 39	16 54		n.a.	S 18
M19	8 36	17 1	5 14	1 12	2 20	19 55	1 12	23 10	1 16	21 25	0 43	22 53	1 5	23 42	0 16	8 51	1 41	30 49	9 12	4 54	4 38	16 54		n.a.	M19
T 20	8 58	14 45	4 55	0 48	2 20	20 16	1 14	23 18	1 17	21 24	0 44	22 53	1 5	23 42	0 16	8 51	1 41	30 50	9 12	4 54	4 36	16 55		n.a.	T 20
W21	9 21	11 45	4 21	0 21	2 19	20 36	1 16	23 25	1 17	21 23	0 44	22 52	1 5	23 42	0 16	8 52	1 41	30 50	9 13	4 55	4 35	16 56		n.a.	W21
T 22	9 44	8 13	3 33	0s 9	2 18	20 56	1 19	23 32	1 17	21 22	0 44	22 52	1 5	23 43	0 16	8 52	1 41	30 50	9 13	4 55	4 34	16 57		n.a.	T 22
F 23	10 6	4 22	2 36	0 40	2 15	21 16	1 21	23 39	1 17	21 21	0 44	22 51	1 5	23 43	0 16	8 53	1 41	30 51	9 13	4 55	4 33	16 57		n.a.	F 23
S 24	10 29	0 23	1 32	1 13	2 12	21 35	1 24	23 45	1 17	21 20	0 44	22 51	1 5	23 43	0 16	8 53	1 41	30 51	9 14	4 56	4 31	16 58		n.a.	S 24
S 25	10 51	3s34	0 24	1 48	2 9	21 53	1 26	23 52	1 17	21 20	0 45	22 51	1 5	23 43	0 16	8 53	1 41	30 51	9 14	4 56	4 30	16 59		n.a.	S 25
M26	11 13	7 18	0n43	2 24	2 4	22 11	1 28	23 58	1 17	21 19	0 45	22 50	1 5	23 43	0 16	8 54	1 41	30 51	9 14	4 56	4 29	17 0		n.a.	M26
T 27	11 34	10 43	1 48	3 1	2 0	22 28	1 30	24 4	1 17	21 18	0 45	22 50	1 5	23 43	0 16	8 54	1 41	30 52	9 15	4 56	4 28	17 0		n.a.	T 27
W28	11 56	13 38	2 47	3 39	1 55	22 44	1 32	24 9	1 18	21 18	0 45	22 49	1 5	23 44	0 16	8 54	1 41	30 52	9 15	4 55	4 26	17 1		n.a.	W28
T 29	12 17	15 58	3 39	4 18	1 49	23 0	1 35	24 14	1 18	21 17	0 46	22 49	1 5	23 44	0 16	8 55	1 41	30 52	9 15	4 54	4 25	17 2		n.a.	T 29
F 30	12 39	17 37	4 20	4 57	1 44	23 15	1 37	24 19	1 18	21 16	0 46	22 48	1 5	23 44	0 16	8 55	1 41	30 53	9 16	4 52	4 24	17 3		n.a.	F 30
S 31	13s 0	18s29	4n51	5s36	1n38	23s30	1s39	24s24	1s18	21n16	0n46	22s48	1s 4	23s44	0s16	8s55	1s41	30n53	9n16	4s51	4s23	17s 3		n.a.	S 31

Julian Day Number = 1620887.5, Delta T = 03h47m36s
Ecliptic obliquity = 23°43'35, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'15, Lahiri = - 7°45'15 Julian Calendar 1 Oct. 276 BCE == Greg. Calendar 27 Sept. 276 BCE

The year -275 astronomical counting style corresponds to year 276 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

NOVEMBER 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 23 49	4♏59'18	1♑37	19♎24	9♐ 1	18♐ 3	29♋31	23♑ 5	21♐47	11°R23	22°R52	12°R 4	10♎53	3♐22	n.a.	S 1
M 2	2 27 46	6° 0'19	13°36	20°54	10°15	18°50	29°34	23° 9	21°49	11♓22	22♋52	12♎ 1	10°50	3°29	n.a.	M 2
T 3	2 31 42	7° 1'21	25°44	22°25	11°28	19°37	29°38	23°12	21°52	11°21	22°52	11°59	10°46	3°35	n.a.	T 3
W 4	2 35 39	8° 2'24	8♒ 7	23°55	12°42	20°23	29°41	23°15	21°55	11°20	22°52	11°D58	10°43	3°42	n.a.	W 4
T 5	2 39 35	9° 3'27	20°48	25°27	13°55	21°10	29°44	23°19	21°58	11°20	22°52	11°59	10°40	3°49	n.a.	T 5
F 6	2 43 32	10° 4'31	3♓53	26°58	15° 8	21°57	29°46	23°22	22° 0	11°19	22°52	12° 0	10°37	3°55	n.a.	F 6
S 7	2 47 29	11° 5'36	17°23	28°30	16°22	22°43	29°49	23°26	22° 3	11°18	22°51	12° 2	10°34	4° 2	n.a.	S 7
S 8	2 51 25	12° 6'41	1♈22	0♏ 2	17°35	23°30	29°51	23°30	22° 6	11°18	22°51	12° 3	10°31	4° 9	n.a.	S 8
M 9	2 55 22	13° 7'47	15°47	1°34	18°48	24°17	29°54	23°34	22° 9	11°17	22°51	12°R 4	10°27	4°16	n.a.	M 9
T 10	2 59 18	14° 8'53	0♉37	3° 7	20° 1	25° 4	29°56	23°38	22°12	11°17	22°50	12° 2	10°24	4°22	n.a.	T 10
W11	3 3 15	15°10'00	15°44	4°39	21°14	25°50	29°57	23°42	22°15	11°16	22°50	12° 0	10°21	4°29	n.a.	W11
T 12	3 7 11	16°11'09	0♊58	6°12	22°28	26°37	29°59	23°46	22°18	11°15	22°50	11°55	10°18	4°36	n.a.	T 12
F 13	3 11 8	17°12'17	16°10	7°45	23°41	27°24	0♌ 0	23°50	22°21	11°15	22°49	11°50	10°15	4°42	n.a.	F 13
S 14	3 15 4	18°13'27	1♋10	9°18	24°54	28°11	0° 2	23°54	22°24	11°15	22°49	11°45	10°12	4°49	n.a.	S 14
S 15	3 19 1	19°14'38	15°49	10°51	26° 7	28°58	0° 3	23°59	22°27	11°14	22°48	11°40	10° 8	4°56	n.a.	S 15
M16	3 22 58	20°15'49	0♌ 2	12°24	27°20	29°45	0° 4	24° 3	22°31	11°14	22°48	11°36	10° 5	5° 2	n.a.	M16
T 17	3 26 54	21°17'01	13°48	13°57	28°32	0♑32	0° 4	24° 8	22°34	11°13	22°47	11°34	10° 2	5° 9	n.a.	T 17
W18	3 30 51	22°18'14	27° 8	15°31	29°45	1°19	0° 5	24°12	22°37	11°13	22°47	11°D34	9°59	5°16	n.a.	W18
T 19	3 34 47	23°19'28	10♍ 4	17° 4	0♑58	2° 5	0° 5	24°17	22°40	11°13	22°46	11°35	9°56	5°23	n.a.	T 19
F 20	3 38 44	24°20'42	22°40	18°38	2°11	2°52	0°R 5	24°22	22°43	11°13	22°45	11°37	9°52	5°29	n.a.	F 20
S 21	3 42 40	25°21'57	5♎ 1	20°12	3°24	3°39	0° 5	24°26	22°46	11°12	22°45	11°38	9°49	5°36	n.a.	S 21
S 22	3 46 37	26°23'13	17°10	21°46	4°36	4°26	0° 5	24°31	22°50	11°12	22°44	11°R38	9°46	5°43	n.a.	S 22
M23	3 50 33	27°24'29	29°10	23°21	5°49	5°13	0° 4	24°36	22°53	11°12	22°43	11°36	9°43	5°49	n.a.	M23
T 24	3 54 30	28°25'46	11♏ 5	24°55	7° 1	6° 0	0° 3	24°41	22°56	11°12	22°43	11°32	9°40	5°56	n.a.	T 24
W25	3 58 27	29°27'02	22°57	26°30	8°14	6°47	0° 2	24°47	23° 0	11°12	22°42	11°26	9°37	6° 3	n.a.	W25
T 26	4 2 23	0♐28'19	4♐48	28° 5	9°26	7°35	0° 1	24°52	23° 3	11°D12	22°41	11°17	9°33	6° 9	n.a.	T 26
F 27	4 6 20	1°29'37	16°39	29°41	10°38	8°22	29♋59	24°57	23° 6	11°12	22°40	11° 7	9°30	6°16	n.a.	F 27
S 28	4 10 16	2°30'54	28°31	1♐16	11°51	9° 9	29°58	25° 2	23°10	11°12	22°40	10°56	9°27	6°23	n.a.	S 28
S 29	4 14 13	3°32'11	10♑27	2°52	13° 3	9°56	29°57	25° 8	23°13	11°12	22°39	10°46	9°24	6°30	n.a.	S 29
M30	4 18 9	4♐33'28	22♑29	4♐28	14♑15	10♑43	29♋55	25♑13	23♐17	11♓12	22♋38	10♎37	9♎21	6♐36	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13 s20	18 s34	5n 9	6 s16	1n32	23 s43	1 s41	24 s28	1 s18	21n15	0n46	22 s47	1 s 4	23 s44	0 s16	8 s56	1 s40	30n53	9n16	4 s49	4 s21	17 s 4		n.a.
M 2	13 41	17 49	5 14	6 56	1 25	23 56	1 42	24 33	1 18	21 15	0 47	22 46	1 4	23 44	0 16	8 56	1 40	30 54	9 17	4 48	4 20	17 5		n.a.
T 3	14 1	16 15	5 6	7 36	1 19	24 9	1 44	24 36	1 18	21 14	0 47	22 46	1 4	23 45	0 16	8 56	1 40	30 54	9 17	4 48	4 19	17 6		n.a.
W 4	14 21	13 55	4 42	8 16	1 12	24 21	1 46	24 40	1 18	21 14	0 47	22 45	1 4	23 45	0 16	8 56	1 40	30 55	9 17	4 47	4 18	17 6		n.a.
T 5	14 41	10 52	4 5	8 56	1 6	24 32	1 48	24 43	1 18	21 13	0 47	22 45	1 4	23 45	0 16	8 57	1 40	30 55	9 18	4 48	4 16	17 7		n.a.
F 6	15 1	7 11	3 14	9 36	0 59	24 42	1 49	24 46	1 18	21 13	0 48	22 44	1 4	23 45	0 16	8 57	1 40	30 55	9 18	4 48	4 15	17 8		n.a.
S 7	15 20	3 2	2 11	10 16	0 52	24 51	1 51	24 49	1 18	21 13	0 48	22 43	1 4	23 45	0 16	8 57	1 40	30 56	9 18	4 49	4 14	17 9		n.a.
S 8	15 39	1n26	0 58	10 55	0 45	25 0	1 52	24 52	1 18	21 12	0 48	22 43	1 4	23 45	0 16	8 57	1 40	30 56	9 19	4 49	4 13	17 9		n.a.
M 9	15 58	5 58	0 s20	11 34	0 38	25 8	1 54	24 54	1 18	21 12	0 48	22 42	1 4	23 46	0 16	8 57	1 40	30 56	9 19	4 49	4 11	17 10		n.a.
T 10	16 17	10 16	1 40	12 12	0 31	25 16	1 55	24 56	1 18	21 12	0 49	22 41	1 4	23 46	0 16	8 58	1 40	30 57	9 19	4 49	4 10	17 11		n.a.
W11	16 35	13 59	2 54	12 51	0 24	25 22	1 56	24 57	1 18	21 12	0 49	22 40	1 4	23 46	0 16	8 58	1 40	30 57	9 20	4 48	4 9	17 11		n.a.
T 12	16 53	16 45	3 56	13 28	0 18	25 28	1 58	24 59	1 18	21 12	0 49	22 40	1 4	23 46	0 16	8 58	1 40	30 58	9 20	4 46	4 7	17 12		n.a.
F 13	17 10	18 21	4 41	14 5	0 11	25 33	1 59	25 0	1 18	21 12	0 49	22 39	1 4	23 46	0 16	8 58	1 40	30 58	9 20	4 44	4 6	17 13		n.a.
S 14	17 28	18 37	5 6	14 42	0 4	25 37	2 0	25 0	1 18	21 12	0 50	22 38	1 4	23 46	0 16	8 58	1 40	30 58	9 21	4 42	4 5	17 13		n.a.
S 15	17 45	17 38	5 10	15 18	0 s 3	25 41	2 1	25 1	1 18	21 12	0 50	22 37	1 4	23 47	0 16	8 58	1 40	30 59	9 21	4 40	4 4	17 14		n.a.
M16	18 1	15 34	4 55	15 54	0 10	25 44	2 2	25 1	1 18	21 12	0 50	22 36	1 4	23 47	0 16	8 58	1 40	30 59	9 21	4 39	4 2	17 15		n.a.
T 17	18 18	12 41	4 24	16 28	0 16	25 46	2 3	25 1	1 17	21 12	0 50	22 36	1 4	23 47	0 16	8 59	1 40	31 0	9 22	4 38	4 1	17 16		n.a.
W18	18 34	9 12	3 38	17 3	0 23	25 47	2 3	25 1	1 17	21 12	0 51	22 35	1 4	23 47	0 16	8 59	1 40	31 0	9 22	4 38	4 0	17 16		n.a.
T 19	18 50	5 22	2 43	17 36	0 29	25 47	2 4	25 0	1 17	21 12	0 51	22 34	1 4	23 47	0 16	8 59	1 40	31 0	9 22	4 38	3 59	17 17		n.a.
F 20	19 5	1 24	1 41	18 9	0 35	25 47	2 4	24 59	1 17	21 13	0 51	22 33	1 4	23 48	0 16	8 59	1 40	31 1	9 23	4 39	3 57	17 18		n.a.
S 21	19 20	2 s34	0 36	18 41	0 42	25 46	2 5	24 58	1 17	21 13	0 52	22 32	1 4	23 48	0 16	8 59	1 40	31 1	9 23	4 39	3 56	17 18		n.a.
S 22	19 35	6 22	0n30	19 12	0 48	25 44	2 5	24 56	1 17	21 13	0 52	22 31	1 4	23 48	0 16	8 59	1 39	31 2	9 23	4 39	3 55	17 19		n.a.
M23	19 49	9 51	1 33	19 42	0 54	25 41	2 6	24 54	1 17	21 14	0 52	22 30	1 4	23 48	0 16	8 59	1 39	31 2	9 24	4 39	3 54	17 20		n.a.
T 24	20 3	12 55	2 32	20 11	0 59	25 38	2 6	24 52	1 17	21 14	0 52	22 29	1 4	23 48	0 16	8 59	1 39	31 3	9 24	4 37	3 52	17 20		n.a.
W25	20 16	15 27	3 24	20 39	1 5	25 34	2 6	24 49	1 16	21 14	0 53	22 28	1 4	23 48	0 16	8 59	1 39	31 3	9 24	4 34	3 51	17 21		n.a.
T 26	20 30	17 18	4 7	21 7	1 10	25 29	2 6	24 47	1 16	21 15	0 53	22 28	1 4	23 49	0 16	8 59	1 39	31 3	9 24	4 31	3 50	17 22		n.a.
F 27	20 42	18 25	4 39	21 33	1 16	25 23	2 6	24 44	1 16	21 15	0 53	22 27	1 4	23 49	0 16	8 59	1 39	31 4	9 25	4 27	3 49	17 22		n.a.
S 28	20 55	18 44	4 59	21 59	1 21	25 16	2 6	24 40	1 16	21 16	0 53	22 26	1 4	23 49	0 16	8 59	1 39	31 4	9 25	4 23	3 47	17 23		n.a.
S 29	21 7	18 14	5 6	22 23	1 26	25 9	2 5	24 37	1 16	21 17	0 54	22 25	1 4	23 49	0 16	8 59	1 39	31 5	9 25	4 19	3 46	17 24		n.a.
M30	21 s18	16 s54	4n59	22 s46	1 s30	25 s 1	2 s 5	24 s33	1 s16	21n17	0n54	22 s24	1 s 4	23 s49	0 s16	8 s58	1 s39	31n 5	9n26	4 s15	3 s45	17 s24		n.a.

Julian Day Number = 1620918.5, Delta T = 03h47m35s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'11, Lahiri = - 7°45'11 Julian Calendar 1 Nov. 276 BCE == Greg. Calendar 28 Oct. 276 BCE

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ASTRODIENST EPHEMERIS for the year 276 BCE
geocentric

DECEMBER 276 BCE (-275) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 22 6	5♐34'45	4♒39	6♐ 5	15♑27	11♑30	29°R53	25♑19	23♐20	11♓12	22°R37	10°R30	9♎18	6♐43	n.a.	T 1
W 2	4 26 3	6°36'01	17° 0	7°42	16°39	12°17	29♋50	25°24	23°23	11°12	22♋36	10♎25	9°14	6°50	n.a.	W 2
T 3	4 29 59	7°37'17	29°37	9°19	17°51	13° 4	29°48	25°30	23°27	11°13	22°35	10°23	9°11	6°56	n.a.	T 3
F 4	4 33 56	8°38'33	12♓33	10°56	19° 3	13°51	29°45	25°36	23°30	11°13	22°34	10°D23	9° 8	7° 3	n.a.	F 4
S 5	4 37 52	9°39'48	25°52	12°34	20°14	14°38	29°42	25°42	23°34	11°13	22°33	10°23	9° 5	7°10	n.a.	S 5
S 6	4 41 49	10°41'03	9♈38	14°12	21°26	15°25	29°39	25°47	23°37	11°14	22°32	10°R24	9° 2	7°16	n.a.	S 6
M 7	4 45 45	11°42'17	23°52	15°51	22°38	16°12	29°36	25°53	23°41	11°14	22°31	10°23	8°58	7°23	n.a.	M 7
T 8	4 49 42	12°43'31	8♉32	17°30	23°49	16°59	29°33	25°59	23°44	11°14	22°30	10°20	8°55	7°30	n.a.	T 8
W 9	4 53 38	13°44'44	23°35	19° 9	25° 0	17°46	29°29	26° 5	23°48	11°15	22°29	10°15	8°52	7°37	n.a.	W 9
T 10	4 57 35	14°45'56	8♊53	20°49	26°12	18°33	29°25	26°11	23°51	11°15	22°28	10° 7	8°49	7°43	n.a.	T 10
F 11	5 1 32	15°47'09	24°14	22°29	27°23	19°20	29°22	26°18	23°55	11°16	22°27	9°57	8°46	7°50	n.a.	F 11
S 12	5 5 28	16°48'21	9♋27	24° 9	28°34	20° 7	29°17	26°24	23°58	11°16	22°26	9°46	8°43	7°57	n.a.	S 12
S 13	5 9 25	17°49'32	24°22	25°50	29°45	20°55	29°13	26°30	24° 2	11°17	22°25	9°36	8°39	8° 3	n.a.	S 13
M14	5 13 21	18°50'43	8♌50	27°31	0♒55	21°42	29° 9	26°36	24° 5	11°17	22°24	9°28	8°36	8°10	n.a.	M14
T 15	5 17 18	19°51'54	22°48	29°12	2° 6	22°29	29° 4	26°43	24° 9	11°18	22°22	9°23	8°33	8°17	n.a.	T 15
W16	5 21 14	20°53'04	6♍16	0♑53	3°17	23°16	28°59	26°49	24°13	11°19	22°21	9°20	8°30	8°23	n.a.	W16
T 17	5 25 11	21°54'14	19°16	2°34	4°27	24° 3	28°54	26°55	24°16	11°19	22°20	9°D19	8°27	8°30	n.a.	T 17
F 18	5 29 7	22°55'24	1♎52	4°16	5°37	24°49	28°49	27° 2	24°20	11°20	22°19	9°19	8°24	8°37	n.a.	F 18
S 19	5 33 4	23°56'33	14° 9	5°56	6°48	25°36	28°44	27° 8	24°23	11°21	22°18	9°R19	8°20	8°44	n.a.	S 19
S 20	5 37 1	24°57'41	26°13	7°37	7°58	26°23	28°38	27°15	24°27	11°22	22°16	9°18	8°17	8°50	n.a.	S 20
M21	5 40 57	25°58'49	8♏ 7	9°17	9° 8	27°10	28°33	27°22	24°30	11°22	22°15	9°14	8°14	8°57	n.a.	M21
T 22	5 44 54	26°59'57	19°58	10°56	10°17	27°57	28°27	27°28	24°34	11°23	22°14	9° 8	8°11	9° 4	n.a.	T 22
W23	5 48 50	28° 1'04	1♐47	12°35	11°27	28°44	28°21	27°35	24°37	11°24	22°12	8°59	8° 8	9°10	n.a.	W23
T 24	5 52 47	29° 2'09	13°37	14°12	12°37	29°31	28°15	27°42	24°41	11°25	22°11	8°46	8° 4	9°17	n.a.	T 24
F 25	5 56 43	0♑ 3'15	25°31	15°47	13°46	0♒18	28° 9	27°48	24°45	11°26	22°10	8°32	8° 1	9°24	n.a.	F 25
S 26	6 0 40	1° 4'19	7♑29	17°21	14°55	1° 5	28° 3	27°55	24°48	11°27	22° 8	8°17	7°58	9°31	n.a.	S 26
S 27	6 4 37	2° 5'22	19°34	18°52	16° 4	1°52	27°56	28° 2	24°52	11°28	22° 7	8° 2	7°55	9°37	n.a.	S 27
M28	6 8 33	3° 6'24	1♒45	20°19	17°13	2°39	27°50	28° 9	24°55	11°29	22° 6	7°49	7°52	9°44	n.a.	M28
T 29	6 12 30	4° 7'24	14° 4	21°44	18°22	3°25	27°43	28°16	24°59	11°30	22° 4	7°39	7°49	9°51	n.a.	T 29
W30	6 16 26	5° 8'24	26°33	23° 4	19°30	4°12	27°36	28°23	25° 2	11°31	22° 3	7°31	7°45	9°57	n.a.	W30
T 31	6 20 23	6♑ 9'22	9♓14	24♑19	20♒39	4♒59	27♋30	28♑30	25♐ 6	11♓33	22♋ 2	7♎27	7♎42	10♐ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21s29	14s49	4n39	23s 8	1s35	24s53	2s 4	24s28	1s15	21n18	0n54	22s22	1s 4	23s50	0s16	8s58	1s39	31n 6	9n26	4s12	3s44	17s25			n.a.
W 2	21 40	12 1	4 6	23 29	1 39	24 43	2 4	24 24	1 15	21 19	0 54	22 21	1 4	23 50	0 16	8 58	1 39	31 6	9 26	4 10	3 42	17 25			n.a.
T 3	21 51	8 37	3 20	23 48	1 43	24 33	2 3	24 19	1 15	21 20	0 55	22 20	1 4	23 50	0 16	8 58	1 39	31 6	9 26	4 10	3 41	17 26			n.a.
F 4	22 0	4 44	2 23	24 7	1 47	24 22	2 2	24 14	1 15	21 20	0 55	22 19	1 4	23 50	0 16	8 58	1 39	31 7	9 27	4 9	3 40	17 27			n.a.
S 5	22 10	0 29	1 17	24 23	1 50	24 11	2 1	24 9	1 15	21 21	0 55	22 18	1 4	23 50	0 16	8 58	1 39	31 7	9 27	4 10	3 38	17 27			n.a.
S 6	22 19	3n55	0 4	24 39	1 53	23 59	2 0	24 3	1 14	21 22	0 55	22 17	1 4	23 50	0 16	8 58	1 39	31 8	9 27	4 10	3 37	17 28			n.a.
M 7	22 28	8 16	1s11	24 53	1 56	23 46	1 59	23 57	1 14	21 23	0 56	22 16	1 4	23 51	0 16	8 57	1 39	31 8	9 28	4 10	3 36	17 29			n.a.
T 8	22 36	12 15	2 24	25 6	1 58	23 32	1 58	23 51	1 14	21 24	0 56	22 15	1 4	23 51	0 16	8 57	1 39	31 9	9 28	4 8	3 35	17 29			n.a.
W 9	22 43	15 31	3 29	25 17	2 0	23 18	1 57	23 45	1 14	21 25	0 56	22 14	1 4	23 51	0 16	8 57	1 39	31 9	9 28	4 6	3 33	17 30			n.a.
T 10	22 51	17 46	4 20	25 26	2 2	23 3	1 55	23 38	1 13	21 26	0 56	22 13	1 4	23 51	0 16	8 57	1 39	31 9	9 28	4 3	3 32	17 30			n.a.
F 11	22 57	18 45	4 52	25 34	2 3	22 48	1 54	23 31	1 13	21 27	0 57	22 11	1 4	23 51	0 16	8 57	1 39	31 10	9 29	3 59	3 31	17 31			n.a.
S 12	23 4	18 21	5 3	25 40	2 4	22 32	1 52	23 24	1 13	21 28	0 57	22 10	1 4	23 51	0 16	8 56	1 38	31 10	9 29	3 55	3 30	17 32			n.a.
S 13	23 10	16 42	4 53	25 44	2 5	22 15	1 51	23 16	1 13	21 29	0 57	22 9	1 4	23 52	0 16	8 56	1 38	31 11	9 29	3 51	3 28	17 32			n.a.
M14	23 15	14 1	4 24	25 47	2 5	21 58	1 49	23 9	1 12	21 31	0 57	22 8	1 4	23 52	0 16	8 56	1 38	31 11	9 29	3 48	3 27	17 33			n.a.
T 15	23 20	10 36	3 41	25 48	2 4	21 40	1 47	23 1	1 12	21 32	0 58	22 7	1 4	23 52	0 16	8 55	1 38	31 12	9 30	3 46	3 26	17 34			n.a.
W16	23 24	6 45	2 46	25 47	2 3	21 21	1 45	22 52	1 12	21 33	0 58	22 5	1 4	23 52	0 16	8 55	1 38	31 12	9 30	3 44	3 25	17 34			n.a.
T 17	23 29	2 42	1 44	25 44	2 2	21 2	1 43	22 44	1 11	21 34	0 58	22 4	1 4	23 52	0 16	8 55	1 38	31 13	9 30	3 44	3 23	17 35			n.a.
F 18	23 32	1s21	0 40	25 39	1 59	20 43	1 40	22 35	1 11	21 36	0 58	22 3	1 4	23 52	0 16	8 55	1 38	31 13	9 30	3 44	3 22	17 35			n.a.
S 19	23 35	5 15	0n26	25 32	1 57	20 23	1 38	22 26	1 11	21 37	0 59	22 2	1 4	23 53	0 16	8 54	1 38	31 13	9 30	3 44	3 21	17 36			n.a.
S 20	23 38	8 52	1 28	25 23	1 53	20 2	1 36	22 17	1 10	21 38	0 59	22 0	1 4	23 53	0 16	8 54	1 38	31 14	9 31	3 44	3 19	17 37			n.a.
M21	23 40	12 5	2 26	25 13	1 49	19 41	1 33	22 7	1 10	21 40	0 59	21 59	1 4	23 53	0 16	8 53	1 38	31 14	9 31	3 42	3 18	17 37			n.a.
T 22	23 41	14 46	3 17	25 0	1 44	19 19	1 30	21 57	1 10	21 41	0 59	21 58	1 4	23 53	0 16	8 53	1 38	31 15	9 31	3 40	3 17	17 38			n.a.
W23	23 43	16 51	4 0	24 46	1 39	18 57	1 28	21 47	1 9	21 43	1 0	21 56	1 4	23 53	0 16	8 53	1 38	31 15	9 31	3 36	3 16	17 38			n.a.
T 24	23 43	18 13	4 32	24 30	1 33	18 35	1 25	21 37	1 9	21 44	1 0	21 55	1 4	23 53	0 16	8 52	1 38	31 16	9 31	3 31	3 14	17 39			n.a.
F 25	23 44	18 47	4 52	24 11	1 25	18 12	1 22	21 27	1 9	21 46	1 0	21 54	1 4	23 54	0 16	8 52	1 38	31 16	9 32	3 25	3 13	17 39			n.a.
S 26	23 43	18 32	4 59	23 52	1 17	17 48	1 18	21 16	1 8	21 47	1 0	21 52	1 4	23 54	0 16	8 51	1 38	31 16	9 32	3 19	3 12	17 40			n.a.
S 27	23 43	17 26	4 54	23 31	1 8	17 24	1 15	21 5	1 8	21 49	1 0	21 51	1 4	23 54	0 16	8 51	1 38	31 17	9 32	3 14	3 11	17 41			n.a.
M28	23 41	15 33	4 34	23 8	0 59	17 0	1 12	20 54	1 8	21 50	1 1	21 50	1 4	23 54	0 16	8 51	1 38	31 17	9 32	3 8	3 9	17 41			n.a.
T 29	23 40	12 57	4 2	22 44	0 48	16 35	1 8	20 43	1 7	21 52	1 1	21 48	1 4	23 54	0 16	8 50	1 38	31 18	9 32	3 4	3 8	17 42			n.a.
W30	23 37	9 43	3 18	22 19	0 36	16 10	1 5	20 31	1 7	21 53	1 1	21 47	1 4	23 54	0 16	8 50	1 38	31 18	9 32	3 1	3 7	17 42			n.a.
T 31	23s35	6s 0	2n23	21s54	0s24	15s45	1s 1	20s19	1s 6	21n55	1n 1	21s45	1s 4	23s54	0s16	8s49	1s38	31n18	9n33	2s59	3s 6	17s43			n.a.

Julian Day Number = 1620948.5, Delta T = 03h47m34s
Ecliptic obliquity = 23°43'33, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'07, Lahiri = - 7°45'06 Julian Calendar 1 Dec. 276 BCE == Greg. Calendar 27 Nov. 276 BCE

The year -275 astronomical counting style corresponds to year 276 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

JANUARY 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 24 19	7♉10'18	22♓ 9	25♉29	21♒47	5♒46	27°R23	28♉37	25♐ 9	11♓34	22°R 0	7°R25	7♎39	10♐11	n.a.	F 1
S 2	6 28 16	8°11'13	5♈24	26°32	22°55	6°32	27♋16	28°44	25°13	11°35	21♋59	7♎24	7°36	10°18	n.a.	S 2
S 3	6 32 12	9°12'06	18°59	27°27	24° 3	7°19	27° 8	28°51	25°16	11°36	21°57	7°24	7°33	10°24	n.a.	S 3
M 4	6 36 9	10°12'58	2♉58	28°15	25°10	8° 6	27° 1	28°58	25°20	11°37	21°56	7°23	7°30	10°31	n.a.	M 4
T 5	6 40 6	11°13'48	17°21	28°54	26°17	8°52	26°54	29° 5	25°23	11°39	21°54	7°20	7°26	10°38	n.a.	T 5
W 6	6 44 2	12°14'37	2♊ 5	29°24	27°24	9°39	26°46	29°12	25°27	11°40	21°53	7°13	7°23	10°44	n.a.	W 6
T 7	6 47 59	13°15'24	17° 6	29°44	28°31	10°26	26°39	29°19	25°30	11°41	21°52	7° 5	7°20	10°51	n.a.	T 7
F 8	6 51 55	14°16'10	2♋16	29°R52	29°38	11°12	26°31	29°26	25°33	11°43	21°50	6°54	7°17	10°58	n.a.	F 8
S 9	6 55 52	15°16'54	17°23	29°51	0♓44	11°59	26°24	29°34	25°37	11°44	21°49	6°42	7°14	11° 4	n.a.	S 9
S 10	6 59 48	16°17'36	2♌17	29°38	1°50	12°45	26°16	29°41	25°40	11°46	21°47	6°31	7°10	11°11	n.a.	S 10
M11	7 3 45	17°18'17	16°49	29°15	2°56	13°32	26° 8	29°48	25°44	11°47	21°46	6°21	7° 7	11°18	n.a.	M11
T 12	7 7 41	18°18'57	0♍55	28°41	4° 2	14°18	26° 1	29°55	25°47	11°49	21°44	6°14	7° 4	11°25	n.a.	T 12
W13	7 11 38	19°19'35	14°31	27°58	5° 7	15° 4	25°53	0♒ 3	25°50	11°50	21°43	6°10	7° 1	11°31	n.a.	W13
T 14	7 15 35	20°20'12	27°38	27° 8	6°12	15°51	25°45	0°10	25°54	11°52	21°41	6° 9	6°58	11°38	n.a.	T 14
F 15	7 19 31	21°20'48	10♎20	26°10	7°17	16°37	25°37	0°17	25°57	11°53	21°40	6°D 8	6°55	11°45	n.a.	F 15
S 16	7 23 28	22°21'22	22°41	25° 7	8°22	17°23	25°29	0°24	26° 0	11°55	21°38	6°R 9	6°51	11°51	n.a.	S 16
S 17	7 27 24	23°21'55	4♏46	24° 1	9°26	18°10	25°21	0°32	26° 3	11°57	21°37	6° 8	6°48	11°58	n.a.	S 17
M18	7 31 21	24°22'26	16°41	22°53	10°30	18°56	25°13	0°39	26° 7	11°58	21°35	6° 6	6°45	12° 5	n.a.	M18
T 19	7 35 17	25°22'56	28°31	21°45	11°33	19°42	25° 5	0°46	26°10	12° 0	21°34	6° 1	6°42	12°12	n.a.	T 19
W20	7 39 14	26°23'25	10♐20	20°39	12°36	20°28	24°58	0°54	26°13	12° 2	21°33	5°53	6°39	12°18	n.a.	W20
T 21	7 43 10	27°23'52	22°13	19°36	13°39	21°14	24°50	1° 1	26°16	12° 3	21°31	5°43	6°35	12°25	n.a.	T 21
F 22	7 47 7	28°24'17	4♑11	18°38	14°42	22° 1	24°42	1° 8	26°19	12° 5	21°30	5°31	6°32	12°32	n.a.	F 22
S 23	7 51 4	29°24'41	16°17	17°45	15°44	22°47	24°34	1°16	26°23	12° 7	21°28	5°18	6°29	12°38	n.a.	S 23
S 24	7 55 0	0♒25'02	28°32	16°59	16°46	23°33	24°26	1°23	26°26	12° 9	21°27	5° 5	6°26	12°45	n.a.	S 24
M25	7 58 57	1°25'22	10♒57	16°19	17°47	24°19	24°18	1°30	26°29	12°10	21°25	4°54	6°23	12°52	n.a.	M25
T 26	8 2 53	2°25'41	23°31	15°47	18°48	25° 5	24°10	1°38	26°32	12°12	21°24	4°45	6°20	12°59	n.a.	T 26
W27	8 6 50	3°25'57	6♓16	15°22	19°49	25°51	24° 3	1°45	26°35	12°14	21°22	4°39	6°16	13° 5	n.a.	W27
T 28	8 10 46	4°26'10	19°13	15° 4	20°49	26°36	23°55	1°52	26°38	12°16	21°21	4°35	6°13	13°12	n.a.	T 28
F 29	8 14 43	5°26'22	2♈21	14°53	21°49	27°22	23°47	2° 0	26°41	12°18	21°20	4°D34	6°10	13°19	n.a.	F 29
S 30	8 18 39	6°26'32	15°42	14°D49	22°48	28° 8	23°40	2° 7	26°44	12°20	21°18	4°34	6° 7	13°25	n.a.	S 30
S 31	8 22 36	7♒26'39	29♈19	14♉51	23♓47	28♒54	23♋32	2♒14	26♐47	12♓22	21♋17	4♎35	6♎ 4	13♐32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s32	1s56	1n20	21s28	0s10	15s19	0s58	20s 7	1s 6	21n56	1n 1	21s44	1s 4	23s55	0s16	8s49	1s38	31n19	9n33	2s59	3s 4	17s43		n.a.
S 2	23 28	2n20	0 11	21 2	0n 4	14 53	0 54	19 55	1 6	21 58	1 2	21 42	1 4	23 55	0 16	8 48	1 37	31 19	9 33	2 58	3 3	17 44		n.a.
S 3	23 24	6 35	1s 1	20 36	0 20	14 27	0 50	19 43	1 5	22 0	1 2	21 41	1 4	23 55	0 16	8 48	1 37	31 20	9 33	2 58	3 2	17 44		n.a.
M 4	23 20	10 36	2 11	20 11	0 36	14 0	0 46	19 30	1 5	22 1	1 2	21 40	1 4	23 55	0 17	8 47	1 37	31 20	9 33	2 58	3 0	17 45		n.a.
T 5	23 15	14 7	3 14	19 46	0 52	13 33	0 42	19 17	1 4	22 3	1 2	21 38	1 4	23 55	0 17	8 47	1 37	31 20	9 33	2 56	2 59	17 46		n.a.
W 6	23 9	16 48	4 6	19 23	1 9	13 6	0 37	19 4	1 4	22 4	1 2	21 37	1 4	23 55	0 17	8 46	1 37	31 21	9 33	2 54	2 58	17 46		n.a.
T 7	23 3	18 24	4 43	19 2	1 27	12 38	0 33	18 51	1 4	22 6	1 3	21 35	1 4	23 55	0 17	8 45	1 37	31 21	9 34	2 50	2 57	17 47		n.a.
F 8	22 57	18 43	4 59	18 43	1 44	12 11	0 28	18 38	1 3	22 8	1 3	21 34	1 4	23 56	0 17	8 45	1 37	31 21	9 34	2 46	2 55	17 47		n.a.
S 9	22 50	17 42	4 55	18 27	2 2	11 43	0 24	18 24	1 3	22 9	1 3	21 32	1 4	23 56	0 17	8 44	1 37	31 22	9 34	2 41	2 54	17 48		n.a.
S 10	22 43	15 29	4 31	18 13	2 19	11 15	0 19	18 11	1 2	22 11	1 3	21 31	1 5	23 56	0 17	8 44	1 37	31 22	9 34	2 37	2 53	17 48		n.a.
M11	22 35	12 20	3 49	18 1	2 35	10 46	0 14	17 57	1 2	22 13	1 3	21 29	1 5	23 56	0 17	8 43	1 37	31 23	9 34	2 33	2 52	17 49		n.a.
T 12	22 27	8 33	2 55	17 53	2 51	10 18	0 10	17 43	1 1	22 14	1 3	21 28	1 5	23 56	0 17	8 42	1 37	31 23	9 34	2 30	2 50	17 49		n.a.
W13	22 19	4 27	1 52	17 48	3 5	9 49	0 5	17 29	1 1	22 16	1 3	21 26	1 5	23 56	0 17	8 42	1 37	31 23	9 34	2 29	2 49	17 50		n.a.
T 14	22 10	0 16	0 45	17 45	3 17	9 20	0n 0	17 14	1 0	22 17	1 4	21 25	1 5	23 56	0 17	8 41	1 37	31 24	9 34	2 28	2 48	17 50		n.a.
F 15	22 1	3s48	0n22	17 46	3 28	8 51	0 6	17 0	1 0	22 19	1 4	21 23	1 5	23 56	0 17	8 41	1 37	31 24	9 34	2 28	2 46	17 51		n.a.
S 16	21 51	7 35	1 27	17 49	3 37	8 22	0 11	16 45	0 59	22 21	1 4	21 22	1 5	23 57	0 17	8 40	1 37	31 24	9 34	2 28	2 45	17 51		n.a.
S 17	21 41	10 59	2 26	17 54	3 43	7 53	0 16	16 30	0 59	22 22	1 4	21 20	1 5	23 57	0 17	8 39	1 37	31 25	9 35	2 28	2 44	17 52		n.a.
M18	21 30	13 52	3 18	18 1	3 48	7 23	0 21	16 15	0 59	22 24	1 4	21 18	1 5	23 57	0 17	8 39	1 37	31 25	9 35	2 27	2 43	17 52		n.a.
T 19	21 19	16 10	4 0	18 10	3 49	6 54	0 27	16 0	0 58	22 25	1 4	21 17	1 5	23 57	0 17	8 38	1 37	31 25	9 35	2 25	2 41	17 53		n.a.
W20	21 8	17 46	4 33	18 21	3 49	6 24	0 33	15 45	0 58	22 27	1 4	21 15	1 5	23 57	0 17	8 37	1 37	31 25	9 35	2 22	2 40	17 53		n.a.
T 21	20 56	18 36	4 54	18 33	3 46	5 55	0 38	15 29	0 57	22 29	1 4	21 14	1 5	23 57	0 17	8 37	1 37	31 26	9 35	2 18	2 39	17 54		n.a.
F 22	20 44	18 38	5 2	18 45	3 42	5 25	0 44	15 14	0 57	22 30	1 5	21 12	1 5	23 57	0 17	8 36	1 37	31 26	9 35	2 13	2 38	17 54		n.a.
S 23	20 31	17 49	4 56	18 58	3 36	4 56	0 50	14 58	0 56	22 32	1 5	21 11	1 5	23 57	0 17	8 35	1 37	31 26	9 35	2 8	2 36	17 55		n.a.
S 24	20 18	16 10	4 37	19 12	3 28	4 26	0 56	14 42	0 56	22 33	1 5	21 9	1 5	23 57	0 17	8 34	1 37	31 27	9 35	2 3	2 35	17 55		n.a.
M25	20 5	13 46	4 5	19 26	3 19	3 56	1 2	14 26	0 55	22 35	1 5	21 7	1 5	23 57	0 17	8 34	1 37	31 27	9 35	1 58	2 34	17 56		n.a.
T 26	19 51	10 41	3 20	19 40	3 8	3 27	1 8	14 10	0 55	22 36	1 5	21 6	1 5	23 58	0 17	8 33	1 37	31 27	9 35	1 55	2 32	17 56		n.a.
W27	19 37	7 4	2 25	19 54	2 57	2 57	1 14	13 54	0 54	22 38	1 5	21 4	1 6	23 58	0 17	8 32	1 37	31 27	9 35	1 52	2 31	17 57		n.a.
T 28	19 23	3 5	1 21	20 7	2 46	2 27	1 20	13 38	0 53	22 39	1 5	21 3	1 6	23 58	0 17	8 31	1 37	31 28	9 35	1 51	2 30	17 57		n.a.
F 29	19 8	1n 7	0 12	20 21	2 33	1 58	1 26	13 21	0 53	22 40	1 5	21 1	1 6	23 58	0 17	8 31	1 37	31 28	9 35	1 50	2 29	17 58		n.a.
S 30	18 53	5 21	0s59	20 34	2 21	1 28	1 33	13 5	0 52	22 42	1 5	20 59	1 6	23 58	0 17	8 30	1 37	31 28	9 35	1 50	2 27	17 58		n.a.
S 31	18s38	9n22	2s 9	20s46	2n 8	0s59	1n39	12s48	0s52	22n43	1n 5	20s58	1s 6	23s58	0s17	8s29	1s36	31n28	9n35	1s51	2s26	17s59		n.a.

Julian Day Number = 1620979.5, Delta T = 03h47m33s
Ecliptic obliquity = 23°43'33, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°52'03, Lahiri = - 7°45'02 Julian Calendar 1 Jan. 275 BCE == Greg. Calendar 28 Dec. 276 BCE

The year -274 astronomical counting style corresponds to year 275 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

FEBRUARY 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 26 32	8♒26'44	13♉12	15♑ 0	24♓45	29♒40	23°R25	2♒22	26♐50	12♓24	21°R15	4°R35	6♎ 1	13♐39	n.a.	M 1
T 2	8 30 29	9°26'47	27°21	15°14	25°43	0♓25	23♋17	2°29	26°52	12°25	21♋14	4♎34	5°57	13°46	n.a.	T 2
W 3	8 34 26	10°26'48	11♊46	15°34	26°40	1°11	23°10	2°36	26°55	12°27	21°13	4°30	5°54	13°52	n.a.	W 3
T 4	8 38 22	11°26'46	26°23	16° 0	27°37	1°57	23° 3	2°44	26°58	12°29	21°11	4°24	5°51	13°59	n.a.	T 4
F 5	8 42 19	12°26'42	11♋ 7	16°30	28°33	2°42	22°56	2°51	27° 1	12°31	21°10	4°17	5°48	14° 6	n.a.	F 5
S 6	8 46 15	13°26'36	25°50	17° 4	29°29	3°28	22°49	2°58	27° 4	12°33	21° 8	4° 9	5°45	14°12	n.a.	S 6
S 7	8 50 12	14°26'28	10♌25	17°43	0♈24	4°13	22°42	3° 6	27° 6	12°36	21° 7	4° 1	5°41	14°19	n.a.	S 7
M 8	8 54 8	15°26'18	24°45	18°26	1°18	4°58	22°35	3°13	27° 9	12°38	21° 6	3°54	5°38	14°26	n.a.	M 8
T 9	8 58 5	16°26'05	8♍44	19°12	2°12	5°44	22°28	3°20	27°12	12°40	21° 4	3°49	5°35	14°33	n.a.	T 9
W10	9 2 1	17°25'51	22°18	20° 2	3° 5	6°29	22°22	3°27	27°14	12°42	21° 3	3°46	5°32	14°39	n.a.	W10
T 11	9 5 58	18°25'34	5♎27	20°55	3°57	7°14	22°15	3°35	27°17	12°44	21° 2	3°D46	5°29	14°46	n.a.	T 11
F 12	9 9 55	19°25'16	18°13	21°51	4°49	8° 0	22° 9	3°42	27°19	12°46	21° 1	3°47	5°26	14°53	n.a.	F 12
S 13	9 13 51	20°24'56	0♏39	22°50	5°40	8°45	22° 2	3°49	27°22	12°48	20°59	3°48	5°22	14°59	n.a.	S 13
S 14	9 17 48	21°24'34	12°48	23°52	6°30	9°30	21°56	3°56	27°24	12°50	20°58	3°49	5°19	15° 6	n.a.	S 14
M15	9 21 44	22°24'10	24°47	24°56	7°19	10°15	21°50	4° 3	27°26	12°52	20°57	3°R50	5°16	15°13	n.a.	M15
T 16	9 25 41	23°23'44	6♐39	26° 3	8° 7	11° 0	21°44	4°10	27°29	12°54	20°56	3°49	5°13	15°20	n.a.	T 16
W17	9 29 37	24°23'17	18°31	27°11	8°55	11°45	21°39	4°17	27°31	12°57	20°55	3°46	5°10	15°26	n.a.	W17
T 18	9 33 34	25°22'47	0♑25	28°22	9°42	12°30	21°33	4°24	27°33	12°59	20°53	3°41	5° 7	15°33	n.a.	T 18
F 19	9 37 30	26°22'16	12°27	29°35	10°28	13°15	21°28	4°31	27°36	13° 1	20°52	3°35	5° 3	15°40	n.a.	F 19
S 20	9 41 27	27°21'42	24°40	0♒50	11°12	14° 0	21°22	4°38	27°38	13° 3	20°51	3°29	5° 0	15°46	n.a.	S 20
S 21	9 45 24	28°21'07	7♒ 4	2° 7	11°56	14°45	21°17	4°45	27°40	13° 5	20°50	3°22	4°57	15°53	n.a.	S 21
M22	9 49 20	29°20'30	19°43	3°26	12°39	15°30	21°12	4°52	27°42	13° 8	20°49	3°17	4°54	16° 0	n.a.	M22
T 23	9 53 17	0♓19'50	2♓35	4°46	13°21	16°14	21° 8	4°59	27°44	13°10	20°48	3°12	4°51	16° 7	n.a.	T 23
W24	9 57 13	1°19'08	15°41	6° 8	14° 1	16°59	21° 3	5° 6	27°46	13°12	20°47	3° 9	4°47	16°13	n.a.	W24
T 25	10 1 10	2°18'24	29° 0	7°32	14°41	17°44	20°58	5°13	27°48	13°14	20°46	3°D 8	4°44	16°20	n.a.	T 25
F 26	10 5 6	3°17'38	12♈31	8°57	15°19	18°28	20°54	5°20	27°50	13°17	20°45	3° 8	4°41	16°27	n.a.	F 26
S 27	10 9 3	4°16'49	26°13	10°24	15°56	19°13	20°50	5°26	27°52	13°19	20°44	3° 9	4°38	16°33	n.a.	S 27
S 28	10 12 59	5♓15'58	10♉ 4	11♒53	16♈32	19♓57	20♋46	5♒33	27♐54	13♓21	20♋43	3♎11	4♎35	16♐40	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	18s22	12n57	3s12	20s58	1n55	0s30	1n46	12s32	0s51	22n45	1n 5	20s56	1s 6	23s58	0s17	8s28	1s36	31n29	9n35	1s51	2s25	17s59		n.a.	M 1
T 2	18 6	15 50	4 4	21 9	1 42	0 0	1 52	12 15	0 51	22 46	1 5	20 55	1 6	23 58	0 17	8 28	1 36	31 29	9 35	1 50	2 24	18 0		n.a.	T 2
W 3	17 50	17 48	4 43	21 20	1 29	0n29	1 59	11 58	0 50	22 47	1 5	20 53	1 6	23 58	0 17	8 27	1 36	31 29	9 35	1 49	2 22	18 0		n.a.	W 3
T 4	17 33	18 38	5 3	21 29	1 17	0 57	2 6	11 41	0 50	22 48	1 5	20 51	1 6	23 58	0 17	8 26	1 36	31 29	9 35	1 46	2 21	18 1		n.a.	T 4
F 5	17 16	18 12	5 4	21 38	1 4	1 26	2 12	11 24	0 49	22 50	1 6	20 50	1 6	23 58	0 17	8 25	1 36	31 30	9 35	1 43	2 20	18 1		n.a.	F 5
S 6	16 59	16 34	4 45	21 46	0 52	1 55	2 19	11 7	0 49	22 51	1 6	20 48	1 6	23 59	0 17	8 24	1 36	31 30	9 35	1 40	2 18	18 1		n.a.	S 6
S 7	16 42	13 52	4 7	21 53	0 40	2 23	2 26	10 50	0 48	22 52	1 6	20 47	1 6	23 59	0 17	8 24	1 36	31 30	9 35	1 37	2 17	18 2		n.a.	S 7
M 8	16 24	10 23	3 14	21 58	0 28	2 51	2 33	10 32	0 48	22 53	1 6	20 45	1 6	23 59	0 17	8 23	1 36	31 30	9 35	1 34	2 16	18 2		n.a.	M 8
T 9	16 6	6 22	2 11	22 3	0 17	3 19	2 40	10 15	0 47	22 54	1 6	20 43	1 7	23 59	0 17	8 22	1 36	31 30	9 35	1 32	2 15	18 3		n.a.	T 9
W10	15 48	2 9	1 2	22 7	0 6	3 47	2 47	9 57	0 46	22 56	1 6	20 42	1 7	23 59	0 17	8 21	1 36	31 31	9 35	1 31	2 13	18 3		n.a.	W10
T 11	15 29	2s 3	0n 9	22 9	0s 5	4 14	2 54	9 40	0 46	22 57	1 6	20 40	1 7	23 59	0 17	8 20	1 36	31 31	9 35	1 31	2 12	18 4		n.a.	T 11
F 12	15 10	6 2	1 17	22 11	0 15	4 42	3 1	9 22	0 45	22 58	1 6	20 38	1 7	23 59	0 17	8 20	1 36	31 31	9 35	1 31	2 11	18 4		n.a.	F 12
S 13	14 51	9 39	2 20	22 11	0 25	5 8	3 8	9 5	0 45	22 59	1 6	20 37	1 7	23 59	0 17	8 19	1 36	31 31	9 35	1 32	2 10	18 4		n.a.	S 13
S 14	14 32	12 46	3 16	22 10	0 35	5 35	3 15	8 47	0 44	23 0	1 6	20 35	1 7	23 59	0 17	8 18	1 36	31 31	9 35	1 32	2 8	18 5		n.a.	S 14
M15	14 13	15 17	4 1	22 7	0 44	6 1	3 22	8 29	0 44	23 1	1 6	20 34	1 7	23 59	0 17	8 17	1 36	31 31	9 35	1 32	2 7	18 5		n.a.	M15
T 16	13 53	17 8	4 36	22 3	0 53	6 27	3 29	8 11	0 43	23 2	1 6	20 32	1 7	23 59	0 17	8 16	1 36	31 31	9 34	1 32	2 6	18 6		n.a.	T 16
W17	13 33	18 15	4 59	21 58	1 1	6 53	3 36	7 53	0 42	23 3	1 6	20 30	1 7	23 59	0 17	8 15	1 36	31 32	9 34	1 31	2 4	18 6		n.a.	W17
T 18	13 13	18 34	5 10	21 52	1 9	7 18	3 44	7 36	0 42	23 3	1 6	20 29	1 7	23 59	0 17	8 14	1 36	31 32	9 34	1 29	2 3	18 7		n.a.	T 18
F 19	12 53	18 3	5 7	21 44	1 17	7 43	3 51	7 18	0 41	23 4	1 6	20 27	1 8	23 59	0 17	8 14	1 36	31 32	9 34	1 27	2 2	18 7		n.a.	F 19
S 20	12 32	16 42	4 50	21 34	1 24	8 8	3 58	7 0	0 41	23 5	1 6	20 26	1 8	24 0	0 17	8 13	1 36	31 32	9 34	1 24	2 1	18 7		n.a.	S 20
S 21	12 11	14 33	4 19	21 23	1 30	8 32	4 5	6 42	0 40	23 6	1 6	20 24	1 8	24 0	0 17	8 12	1 36	31 32	9 34	1 21	1 59	18 8		n.a.	S 21
M22	11 50	11 41	3 35	21 11	1 37	8 55	4 12	6 24	0 40	23 7	1 6	20 22	1 8	24 0	0 17	8 11	1 36	31 32	9 34	1 19	1 58	18 8		n.a.	M22
T 23	11 29	8 12	2 39	20 58	1 43	9 18	4 20	6 5	0 39	23 7	1 5	20 21	1 8	24 0	0 17	8 10	1 36	31 32	9 34	1 17	1 57	18 9		n.a.	T 23
W24	11 8	4 16	1 34	20 42	1 48	9 41	4 27	5 47	0 38	23 8	1 5	20 19	1 8	24 0	0 17	8 9	1 36	31 32	9 34	1 16	1 56	18 9		n.a.	W24
T 25	10 47	0 3	0 23	20 26	1 53	10 3	4 34	5 29	0 38	23 9	1 5	20 18	1 8	24 0	0 17	8 8	1 36	31 32	9 34	1 16	1 54	18 9		n.a.	T 25
F 26	10 25	4n13	0s51	20 7	1 58	10 25	4 41	5 11	0 37	23 9	1 5	20 16	1 8	24 0	0 17	8 8	1 36	31 32	9 34	1 16	1 53	18 10		n.a.	F 26
S 27	10 3	8 20	2 3	19 48	2 2	10 46	4 48	4 53	0 37	23 10	1 5	20 15	1 8	24 0	0 17	8 7	1 36	31 32	9 33	1 16	1 52	18 10		n.a.	S 27
S 28	9s42	12n 2	3s 9	19s26	2s 5	11n 6	4n55	4s35	0s36	23n10	1n 5	20s13	1s 9	24s 0	0s17	8s 6	1s36	31n32	9n33	1s17	1s50	18s11		n.a.	S 28

Julian Day Number = 1621010.5, Delta T = 03h47m32s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'58, Lahiri = - 7°44'58 Julian Calendar 1 Feb. 275 BCE == Greg. Calendar 28 Jan. 275 BCE

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

MARCH 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 16 56	6♓15'04	24♉ 4	13♒23	17♈ 6	20♓42	20°R42	5♒40	27♐56	13♓23	20°R42	3♎12	4♎32	16♐47	n.a.	M 1
T 2	10 20 52	7°14'09	8♊12	14°54	17°39	21°26	20♋39	5°47	27°58	13°26	20♋41	3°R13	4°28	16°54	n.a.	T 2
W 3	10 24 49	8°13'10	22°26	16°28	18°11	22°10	20°35	5°53	27°59	13°28	20°40	3°12	4°25	17° 0	n.a.	W 3
T 4	10 28 46	9°12'10	6♋44	18° 2	18°41	22°55	20°32	6° 0	28° 1	13°30	20°39	3°10	4°22	17° 7	n.a.	T 4
F 5	10 32 42	10°11'07	21° 2	19°38	19° 9	23°39	20°29	6° 6	28° 3	13°32	20°38	3° 8	4°19	17°14	n.a.	F 5
S 6	10 36 39	11°10'01	5♌16	21°16	19°36	24°23	20°26	6°13	28° 4	13°35	20°37	3° 4	4°16	17°20	n.a.	S 6
S 7	10 40 35	12° 8'53	19°23	22°55	20° 1	25° 7	20°23	6°19	28° 6	13°37	20°36	3° 1	4°13	17°27	n.a.	S 7
M 8	10 44 32	13° 7'43	3♍17	24°35	20°24	25°51	20°21	6°26	28° 7	13°39	20°36	2°59	4° 9	17°34	n.a.	M 8
T 9	10 48 28	14° 6'31	16°56	26°17	20°46	26°35	20°18	6°32	28° 9	13°41	20°35	2°57	4° 6	17°41	n.a.	T 9
W10	10 52 25	15° 5'16	0♎16	28° 1	21° 5	27°19	20°16	6°38	28°10	13°44	20°34	2°D57	4° 3	17°47	n.a.	W10
T 11	10 56 21	16° 4'00	13°18	29°46	21°23	28° 3	20°14	6°45	28°12	13°46	20°33	2°57	4° 0	17°54	n.a.	T 11
F 12	11 0 18	17° 2'41	26° 0	1♓32	21°38	28°47	20°12	6°51	28°13	13°48	20°33	2°58	3°57	18° 1	n.a.	F 12
S 13	11 4 15	18° 1'21	8♏26	3°20	21°52	29°31	20°11	6°57	28°14	13°50	20°32	2°59	3°53	18° 7	n.a.	S 13
S 14	11 8 11	18°59'59	20°37	5°10	22° 3	0♈15	20° 9	7° 3	28°15	13°53	20°31	3° 0	3°50	18°14	n.a.	S 14
M15	11 12 8	19°58'35	2♐38	7° 1	22°13	0°59	20° 8	7° 9	28°17	13°55	20°31	3° 2	3°47	18°21	n.a.	M15
T 16	11 16 4	20°57'09	14°32	8°53	22°20	1°42	20° 7	7°15	28°18	13°57	20°30	3° 2	3°44	18°28	n.a.	T 16
W17	11 20 1	21°55'42	26°25	10°48	22°24	2°26	20° 6	7°21	28°19	13°59	20°30	3°R 2	3°41	18°34	n.a.	W17
T 18	11 23 57	22°54'13	8♑21	12°43	22°27	3° 9	20° 5	7°27	28°20	14° 2	20°29	3° 2	3°38	18°41	n.a.	T 18
F 19	11 27 54	23°52'42	20°25	14°41	22°R27	3°53	20° 5	7°33	28°21	14° 4	20°28	3° 1	3°34	18°48	n.a.	F 19
S 20	11 31 50	24°51'09	2♒40	16°39	22°25	4°37	20° 4	7°39	28°22	14° 6	20°28	3° 0	3°31	18°54	n.a.	S 20
S 21	11 35 47	25°49'34	15°10	18°40	22°20	5°20	20°D 4	7°44	28°23	14° 8	20°27	2°59	3°28	19° 1	n.a.	S 21
M22	11 39 43	26°47'58	27°58	20°41	22°13	6° 3	20° 4	7°50	28°24	14°11	20°27	2°58	3°25	19° 8	n.a.	M22
T 23	11 43 40	27°46'20	11♓ 5	22°45	22° 3	6°47	20° 4	7°56	28°24	14°13	20°27	2°57	3°22	19°15	n.a.	T 23
W24	11 47 37	28°44'40	24°30	24°49	21°51	7°30	20° 5	8° 1	28°25	14°15	20°26	2°57	3°18	19°21	n.a.	W24
T 25	11 51 33	29°42'58	8♈13	26°54	21°37	8°13	20° 5	8° 7	28°26	14°17	20°26	2°D57	3°15	19°28	n.a.	T 25
F 26	11 55 30	0♈41'14	22°10	29° 1	21°20	8°56	20° 6	8°12	28°26	14°19	20°26	2°57	3°12	19°35	n.a.	F 26
S 27	11 59 26	1°39'28	6♉19	1♈ 8	21° 1	9°40	20° 7	8°18	28°27	14°22	20°25	2°57	3° 9	19°42	n.a.	S 27
S 28	12 3 23	2°37'41	20°35	3°17	20°39	10°23	20° 8	8°23	28°27	14°24	20°25	2°R58	3° 6	19°48	n.a.	S 28
M29	12 7 19	3°35'51	4♊55	5°25	20°15	11° 6	20°10	8°28	28°28	14°26	20°25	2°57	3° 3	19°55	n.a.	M29
T 30	12 11 16	4°33'59	19°14	7°34	19°49	11°49	20°11	8°33	28°28	14°28	20°24	2°57	2°59	20° 2	n.a.	T 30
W31	12 15 12	5♈32'05	3♋30	9♈43	19♈21	12♈32	20♋13	8♒38	28♐29	14♓30	20♋24	2°D57	2♎56	20♐ 8	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	9s20	15n 5	4s 4	19s 3	2s 9	11n26	5n 2	4s16	0s35	23n11	1n 5	20s11	1s 9	24s 0	0s17	8s 5	1s36	31n32	9n33	1s17	1s49	18s11			n.a.
T 2	8 57	17 15	4 45	18 39	2 11	11 45	5 9	3 58	0 35	23 12	1 5	20 10	1 9	24 0	0 17	8 4	1 36	31 32	9 33	1 17	1 48	18 11			n.a.
W 3	8 35	18 22	5 9	18 13	2 14	12 4	5 16	3 40	0 34	23 12	1 5	20 8	1 9	24 0	0 18	8 3	1 36	31 33	9 33	1 17	1 47	18 12			n.a.
T 4	8 13	18 20	5 13	17 45	2 16	12 22	5 23	3 22	0 34	23 12	1 5	20 7	1 9	24 0	0 18	8 2	1 36	31 33	9 33	1 16	1 45	18 12			n.a.
F 5	7 50	17 8	4 59	17 16	2 17	12 39	5 29	3 3	0 33	23 13	1 5	20 5	1 9	24 0	0 18	8 1	1 36	31 33	9 33	1 15	1 44	18 12			n.a.
S 6	7 28	14 53	4 26	16 45	2 18	12 55	5 36	2 45	0 32	23 13	1 5	20 4	1 9	24 0	0 18	8 0	1 36	31 33	9 32	1 14	1 43	18 13			n.a.
S 7	7 5	11 45	3 37	16 13	2 18	13 11	5 43	2 27	0 32	23 14	1 5	20 2	1 9	24 0	0 18	8 0	1 36	31 33	9 32	1 13	1 42	18 13			n.a.
M 8	6 42	8 0	2 36	15 39	2 18	13 26	5 49	2 9	0 31	23 14	1 5	20 1	1 10	24 0	0 18	7 59	1 36	31 33	9 32	1 12	1 40	18 14			n.a.
T 9	6 20	3 53	1 27	15 3	2 17	13 40	5 55	1 50	0 31	23 14	1 5	19 59	1 10	24 0	0 18	7 58	1 36	31 33	9 32	1 11	1 39	18 14			n.a.
W10	5 57	0s20	0 15	14 26	2 16	13 53	6 1	1 32	0 30	23 14	1 5	19 58	1 10	24 0	0 18	7 57	1 36	31 32	9 32	1 11	1 38	18 14			n.a.
T 11	5 34	4 26	0n57	13 47	2 15	14 5	6 7	1 14	0 29	23 15	1 5	19 56	1 10	24 1	0 18	7 56	1 36	31 32	9 32	1 11	1 36	18 15			n.a.
F 12	5 11	8 14	2 4	13 7	2 13	14 16	6 12	0 56	0 29	23 15	1 4	19 55	1 10	24 1	0 18	7 55	1 36	31 32	9 32	1 12	1 35	18 15			n.a.
S 13	4 47	11 35	3 4	12 25	2 10	14 26	6 18	0 37	0 28	23 15	1 4	19 53	1 10	24 1	0 18	7 54	1 36	31 32	9 31	1 12	1 34	18 15			n.a.
S 14	4 24	14 22	3 54	11 41	2 7	14 35	6 23	0 19	0 28	23 15	1 4	19 52	1 10	24 1	0 18	7 53	1 36	31 32	9 31	1 13	1 33	18 16			n.a.
M15	4 1	16 28	4 33	10 56	2 3	14 43	6 28	0 1	0 27	23 15	1 4	19 51	1 11	24 1	0 18	7 53	1 36	31 32	9 31	1 13	1 31	18 16			n.a.
T 16	3 38	17 51	5 0	10 10	1 59	14 50	6 32	0n17	0 26	23 15	1 4	19 49	1 11	24 1	0 18	7 52	1 36	31 32	9 31	1 13	1 30	18 16			n.a.
W17	3 14	18 26	5 14	9 21	1 54	14 56	6 36	0 35	0 26	23 15	1 4	19 48	1 11	24 1	0 18	7 51	1 36	31 32	9 31	1 13	1 29	18 17			n.a.
T 18	2 51	18 13	5 15	8 32	1 49	15 1	6 40	0 53	0 25	23 15	1 4	19 46	1 11	24 1	0 18	7 50	1 36	31 32	9 31	1 13	1 27	18 17			n.a.
F 19	2 28	17 10	5 2	7 41	1 43	15 4	6 44	1 11	0 25	23 15	1 4	19 45	1 11	24 1	0 18	7 49	1 36	31 32	9 30	1 13	1 26	18 17			n.a.
S 20	2 4	15 20	4 35	6 48	1 36	15 6	6 47	1 29	0 24	23 15	1 4	19 44	1 11	24 1	0 18	7 48	1 36	31 32	9 30	1 12	1 25	18 18			n.a.
S 21	1 41	12 44	3 55	5 54	1 29	15 6	6 50	1 47	0 23	23 15	1 4	19 42	1 12	24 1	0 18	7 47	1 36	31 32	9 30	1 12	1 24	18 18			n.a.
M22	1 17	9 29	3 2	4 59	1 22	15 6	6 52	2 5	0 23	23 15	1 4	19 41	1 12	24 1	0 18	7 47	1 36	31 32	9 30	1 12	1 22	18 18			n.a.
T 23	0 54	5 41	1 58	4 3	1 14	15 4	6 53	2 23	0 22	23 15	1 4	19 40	1 12	24 1	0 18	7 46	1 36	31 32	9 30	1 11	1 21	18 19			n.a.
W24	0 30	1 30	0 47	3 5	1 6	15 0	6 54	2 41	0 21	23 15	1 3	19 38	1 12	24 1	0 18	7 45	1 36	31 31	9 30	1 11	1 20	18 19			n.a.
T 25	0 7	2n51	0s29	2 7	0 57	14 55	6 55	2 59	0 21	23 15	1 3	19 37	1 12	24 1	0 18	7 44	1 36	31 31	9 29	1 11	1 19	18 19			n.a.
F 26	0n17	7 7	1 45	1 7	0 48	14 48	6 55	3 17	0 20	23 15	1 3	19 36	1 12	24 1	0 18	7 43	1 36	31 31	9 29	1 11	1 17	18 20			n.a.
S 27	0 40	11 2	2 55	0 7	0 38	14 40	6 54	3 34	0 20	23 14	1 3	19 34	1 12	24 1	0 18	7 42	1 36	31 31	9 29	1 11	1 16	18 20			n.a.
S 28	1 3	14 21	3 55	0n53	0 28	14 31	6 53	3 52	0 19	23 14	1 3	19 33	1 13	24 1	0 18	7 42	1 36	31 31	9 29	1 11	1 15	18 20			n.a.
M29	1 27	16 47	4 40	1 55	0 18	14 20	6 51	4 10	0 18	23 14	1 3	19 32	1 13	24 1	0 18	7 41	1 36	31 31	9 29	1 11	1 13	18 20			n.a.
T 30	1 50	18 10	5 8	2 56	0 7	14 7	6 48	4 27	0 18	23 13	1 3	19 31	1 13	24 1	0 18	7 40	1 36	31 31	9 28	1 11	1 12	18 21			n.a.
W31	2n13	18n24	5s17	3n57	0n 3	13n53	6n45	4n45	0s17	23n13	1n 3	19s30	1s13	24s 1	0s18	7s39	1s36	31n31	9n28	1s11	1s11	18s21			n.a.

Julian Day Number = 1621038.5, Delta T = 03h47m31s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'55, Lahiri = - 7°44'54 Julian Calendar 1 March 275 BCE == Greg. Calendar 25 Feb. 275 BCE

The year -274 astronomical counting style corresponds to year 275 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

APRIL 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 19 9	6♈30'09	17♋39	11♈52	18°R52	13♈15	20♋15	8♒44	28♐29	14♓32	20°R24	2♎57	2♎53	20♐15	n.a.	T 1
F 2	12 23 6	7°28'11	1♌40	14° 0	18♈20	13°57	20°17	8°48	28°29	14°35	20♋24	2°58	2°50	20°22	n.a.	F 2
S 3	12 27 2	8°26'10	15°30	16° 8	17°47	14°40	20°19	8°53	28°30	14°37	20°24	2°58	2°47	20°29	n.a.	S 3
S 4	12 30 59	9°24'08	29°10	18°14	17°12	15°23	20°22	8°58	28°30	14°39	20°24	2°59	2°44	20°35	n.a.	S 4
M 5	12 34 55	10°22'04	12♍36	20°19	16°37	16° 6	20°24	9° 3	28°30	14°41	20°24	2°59	2°40	20°42	n.a.	M 5
T 6	12 38 52	11°19'58	25°50	22°23	16° 0	16°48	20°27	9° 8	28°30	14°43	20°D24	3° 0	2°37	20°49	n.a.	T 6
W 7	12 42 48	12°17'50	8♎49	24°24	15°22	17°31	20°30	9°12	28°R30	14°45	20°24	3°R 0	2°34	20°55	n.a.	W 7
T 8	12 46 45	13°15'41	21°35	26°23	14°45	18°13	20°33	9°17	28°30	14°47	20°24	2°59	2°31	21° 2	n.a.	T 8
F 9	12 50 41	14°13'30	4♏ 7	28°20	14° 7	18°56	20°36	9°21	28°30	14°49	20°24	2°58	2°28	21° 9	n.a.	F 9
S 10	12 54 38	15°11'17	16°26	0♉14	13°28	19°38	20°40	9°26	28°30	14°51	20°24	2°57	2°24	21°16	n.a.	S 10
S 11	12 58 34	16° 9'03	28°34	2° 5	12°51	20°21	20°43	9°30	28°30	14°53	20°24	2°55	2°21	21°22	n.a.	S 11
M12	13 2 31	17° 6'48	10♐34	3°53	12°14	21° 3	20°47	9°34	28°29	14°55	20°24	2°53	2°18	21°29	n.a.	M12
T 13	13 6 28	18° 4'32	22°29	5°39	11°37	21°45	20°51	9°38	28°29	14°57	20°24	2°51	2°15	21°36	n.a.	T 13
W14	13 10 24	19° 2'14	4♑22	7°21	11° 2	22°27	20°55	9°42	28°29	14°59	20°25	2°50	2°12	21°42	n.a.	W14
T 15	13 14 21	19°59'55	16°18	9° 0	10°27	23°10	20°59	9°46	28°28	15° 1	20°25	2°D49	2° 9	21°49	n.a.	T 15
F 16	13 18 17	20°57'35	28°20	10°35	9°55	23°52	21° 4	9°50	28°28	15° 3	20°25	2°49	2° 5	21°56	n.a.	F 16
S 17	13 22 14	21°55'14	10♒35	12° 7	9°23	24°34	21° 9	9°54	28°28	15° 5	20°25	2°50	2° 2	22° 3	n.a.	S 17
S 18	13 26 10	22°52'52	23° 6	13°36	8°54	25°16	21°13	9°58	28°27	15° 7	20°26	2°51	1°59	22° 9	n.a.	S 18
M19	13 30 7	23°50'28	5♓56	15° 1	8°26	25°58	21°18	10° 2	28°27	15° 9	20°26	2°53	1°56	22°16	n.a.	M19
T 20	13 34 3	24°48'03	19° 9	16°23	8° 1	26°40	21°23	10° 5	28°26	15°10	20°26	2°54	1°53	22°23	n.a.	T 20
W21	13 38 0	25°45'38	2♈46	17°41	7°37	27°22	21°28	10° 9	28°25	15°12	20°27	2°R55	1°49	22°30	n.a.	W21
T 22	13 41 57	26°43'11	16°47	18°55	7°16	28° 4	21°34	10°12	28°25	15°14	20°27	2°54	1°46	22°36	n.a.	T 22
F 23	13 45 53	27°40'42	1♉ 7	20° 6	6°57	28°45	21°39	10°15	28°24	15°16	20°28	2°52	1°43	22°43	n.a.	F 23
S 24	13 49 50	28°38'13	15°42	21°13	6°41	29°27	21°45	10°19	28°23	15°18	20°28	2°49	1°40	22°50	n.a.	S 24
S 25	13 53 46	29°35'43	0♊26	22°16	6°27	0♉ 9	21°51	10°22	28°22	15°19	20°29	2°46	1°37	22°56	n.a.	S 25
M26	13 57 43	0♉33'11	15°11	23°15	6°15	0°51	21°57	10°25	28°21	15°21	20°29	2°42	1°34	23° 3	n.a.	M26
T 27	14 1 39	1°30'38	29°50	24°11	6° 5	1°32	22° 3	10°28	28°20	15°23	20°30	2°39	1°30	23°10	n.a.	T 27
W28	14 5 36	2°28'03	14♋18	25° 2	5°58	2°14	22° 9	10°31	28°19	15°25	20°30	2°37	1°27	23°17	n.a.	W28
T 29	14 9 32	3°25'27	28°30	25°49	5°54	2°55	22°16	10°33	28°18	15°26	20°31	2°D35	1°24	23°23	n.a.	T 29
F 30	14 13 29	4♉22'50	12♌24	26♉32	5°D52	3♉37	22♋22	10♒36	28♐17	15♓28	20♋32	2♎36	1♎21	23♐30	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	2n37	17n29	5s 7	4n58	0n14	13n38	6n41	5n 2	0s17	23n13	1n 3	19s28	1s13	24s 1	0s18	7s38	1s36	31n30	9n28	1s11	1s10	18s21		n.a.	T 1
F 2	3 0	15 30	4 38	5 58	0 25	13 21	6 36	5 20	0 16	23 12	1 3	19 27	1 13	24 1	0 18	7 37	1 37	31 30	9 28	1 11	1 8	18 22		n.a.	F 2
S 3	3 23	12 39	3 54	6 58	0 36	13 3	6 30	5 37	0 15	23 12	1 2	19 26	1 14	24 1	0 18	7 37	1 37	31 30	9 28	1 12	1 7	18 22		n.a.	S 3
S 4	3 46	9 9	2 57	7 57	0 46	12 43	6 24	5 54	0 15	23 11	1 2	19 25	1 14	24 1	0 18	7 36	1 37	31 30	9 28	1 12	1 6	18 22		n.a.	S 4
M 5	4 9	5 12	1 51	8 55	0 57	12 23	6 16	6 11	0 14	23 11	1 2	19 24	1 14	24 1	0 18	7 35	1 37	31 30	9 27	1 12	1 4	18 22		n.a.	M 5
T 6	4 32	1 4	0 40	9 51	1 7	12 1	6 8	6 28	0 13	23 10	1 2	19 23	1 14	24 1	0 18	7 34	1 37	31 29	9 27	1 12	1 3	18 23		n.a.	T 6
W 7	4 55	3s 3	0n32	10 45	1 17	11 38	6 0	6 45	0 13	23 10	1 2	19 22	1 14	24 1	0 18	7 33	1 37	31 29	9 27	1 12	1 2	18 23		n.a.	W 7
T 8	5 18	6 57	1 41	11 38	1 26	11 15	5 50	7 2	0 12	23 9	1 2	19 21	1 15	24 1	0 18	7 33	1 37	31 29	9 27	1 12	1 1	18 23		n.a.	T 8
F 9	5 40	10 28	2 44	12 29	1 35	10 50	5 40	7 19	0 12	23 9	1 2	19 20	1 15	24 1	0 18	7 32	1 37	31 29	9 27	1 12	0 59	18 24		n.a.	F 9
S 10	6 3	13 28	3 38	13 18	1 44	10 25	5 29	7 36	0 11	23 8	1 2	19 19	1 15	24 1	0 18	7 31	1 37	31 29	9 26	1 11	0 58	18 24		n.a.	S 10
S 11	6 26	15 50	4 21	14 5	1 52	10 0	5 18	7 53	0 10	23 7	1 2	19 18	1 15	24 1	0 18	7 30	1 37	31 28	9 26	1 10	0 57	18 24		n.a.	S 11
M12	6 48	17 29	4 52	14 50	1 59	9 34	5 6	8 10	0 10	23 7	1 2	19 17	1 15	24 1	0 18	7 30	1 37	31 28	9 26	1 10	0 56	18 24		n.a.	M12
T 13	7 10	18 21	5 11	15 32	2 5	9 9	4 54	8 26	0 9	23 6	1 1	19 16	1 15	24 2	0 18	7 29	1 37	31 28	9 26	1 9	0 54	18 25		n.a.	T 13
W14	7 32	18 24	5 16	16 12	2 11	8 43	4 41	8 43	0 8	23 5	1 1	19 15	1 16	24 2	0 18	7 28	1 37	31 28	9 26	1 8	0 53	18 25		n.a.	W14
T 15	7 55	17 38	5 7	16 49	2 16	8 17	4 28	8 59	0 8	23 4	1 1	19 14	1 16	24 2	0 19	7 27	1 37	31 28	9 25	1 8	0 52	18 25		n.a.	T 15
F 16	8 17	16 5	4 45	17 24	2 21	7 52	4 15	9 15	0 7	23 4	1 1	19 13	1 16	24 2	0 19	7 27	1 37	31 27	9 25	1 8	0 50	18 25		n.a.	F 16
S 17	8 38	13 47	4 10	17 57	2 24	7 27	4 1	9 32	0 7	23 3	1 1	19 12	1 16	24 2	0 19	7 26	1 37	31 27	9 25	1 8	0 49	18 26		n.a.	S 17
S 18	9 0	10 48	3 22	18 27	2 27	7 2	3 47	9 48	0 6	23 2	1 1	19 11	1 16	24 2	0 19	7 25	1 37	31 27	9 25	1 9	0 48	18 26		n.a.	S 18
M19	9 22	7 14	2 23	18 55	2 29	6 38	3 33	10 4	0 5	23 1	1 1	19 10	1 17	24 2	0 19	7 25	1 37	31 27	9 25	1 10	0 47	18 26		n.a.	M19
T 20	9 43	3 12	1 15	19 20	2 30	6 15	3 19	10 20	0 5	23 0	1 1	19 10	1 17	24 2	0 19	7 24	1 37	31 26	9 24	1 10	0 45	18 26		n.a.	T 20
W21	10 4	1n 8	0 1	19 43	2 31	5 53	3 5	10 36	0 4	22 59	1 1	19 9	1 17	24 2	0 19	7 23	1 37	31 26	9 24	1 10	0 44	18 26		n.a.	W21
T 22	10 25	5 31	1s16	20 4	2 30	5 32	2 51	10 51	0 4	22 58	1 1	19 8	1 17	24 2	0 19	7 23	1 37	31 26	9 24	1 10	0 43	18 27		n.a.	T 22
F 23	10 46	9 41	2 29	20 22	2 29	5 11	2 37	11 7	0 3	22 57	1 1	19 7	1 17	24 2	0 19	7 22	1 37	31 26	9 24	1 9	0 41	18 27		n.a.	F 23
S 24	11 7	13 20	3 34	20 38	2 26	4 52	2 23	11 22	0 2	22 56	1 0	19 7	1 18	24 2	0 19	7 21	1 37	31 25	9 24	1 8	0 40	18 27		n.a.	S 24
S 25	11 28	16 10	4 25	20 52	2 23	4 33	2 9	11 38	0 2	22 55	1 0	19 6	1 18	24 2	0 19	7 21	1 37	31 25	9 23	1 7	0 39	18 27		n.a.	S 25
M26	11 48	17 57	4 59	21 3	2 19	4 16	1 55	11 53	0 1	22 54	1 0	19 5	1 18	24 2	0 19	7 20	1 37	31 25	9 23	1 5	0 38	18 28		n.a.	M26
T 27	12 8	18 31	5 13	21 13	2 14	4 0	1 42	12 8	0 1	22 53	1 0	19 5	1 18	24 2	0 19	7 19	1 37	31 24	9 23	1 4	0 36	18 28		n.a.	T 27
W28	12 28	17 52	5 7	21 20	2 9	3 46	1 29	12 24	0n 0	22 52	1 0	19 4	1 18	24 2	0 19	7 19	1 37	31 24	9 23	1 3	0 35	18 28		n.a.	W28
T 29	12 48	16 7	4 42	21 25	2 2	3 32	1 16	12 39	0 1	22 51	1 0	19 4	1 19	24 2	0 19	7 18	1 37	31 24	9 23	1 3	0 34	18 28		n.a.	T 29
F 30	13n 8	13n26	4s 1	21n28	1n54	3n19	1n 4	12n53	0n 1	22n50	1n 0	19s 3	1s19	24s 2	0s19	7s18	1s38	31n24	9n22	1s 3	0s33	18s28		n.a.	F 30

Julian Day Number = 1621069.5, Delta T = 03h47m30s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'50, Lahiri = - 7°44'50 Julian Calendar 1 Apr. 275 BCE == Greg. Calendar 28 March 275 BCE

The year -274 astronomical counting style corresponds to year 275 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

MAY 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 17 26	5♉20'11	26♌ 1	27♉11	5♈52	4♉18	22♋29	10♒39	28°R16	15♓29	20♋32	2♎37	1♎18	23♐37	n.a.	S 1
S 2	14 21 22	6°17'31	9♍22	27°46	5°54	5° 0	22°36	10°41	28♐15	15°31	20°33	2°38	1°15	23°43	n.a.	S 2
M 3	14 25 19	7°14'50	22°27	28°16	5°59	5°41	22°42	10°44	28°14	15°33	20°34	2°39	1°11	23°50	n.a.	M 3
T 4	14 29 15	8°12'07	5♎18	28°41	6° 6	6°22	22°50	10°46	28°13	15°34	20°34	2°R40	1° 8	23°57	n.a.	T 4
W 5	14 33 12	9° 9'24	17°57	29° 3	6°15	7° 3	22°57	10°48	28°11	15°36	20°35	2°39	1° 5	24° 4	n.a.	W 5
T 6	14 37 8	10° 6'40	0♏25	29°19	6°26	7°45	23° 4	10°50	28°10	15°37	20°36	2°36	1° 2	24°10	n.a.	T 6
F 7	14 41 5	11° 3'55	12°44	29°31	6°39	8°26	23°12	10°52	28° 9	15°39	20°37	2°31	0°59	24°17	n.a.	F 7
S 8	14 45 1	12° 1'09	24°53	29°38	6°54	9° 7	23°19	10°54	28° 7	15°40	20°38	2°25	0°55	24°24	n.a.	S 8
S 9	14 48 58	12°58'22	6♐56	29°R41	7°11	9°48	23°27	10°56	28° 6	15°42	20°39	2°18	0°52	24°31	n.a.	S 9
M10	14 52 55	13°55'35	18°53	29°39	7°31	10°29	23°35	10°58	28° 4	15°43	20°39	2°11	0°49	24°37	n.a.	M10
T 11	14 56 51	14°52'47	0♑46	29°33	7°51	11°10	23°43	11° 0	28° 3	15°44	20°40	2° 3	0°46	24°44	n.a.	T 11
W12	15 0 48	15°49'59	12°38	29°23	8°14	11°51	23°51	11° 1	28° 1	15°46	20°41	1°57	0°43	24°51	n.a.	W12
T 13	15 4 44	16°47'10	24°33	29° 8	8°38	12°32	23°59	11° 3	28° 0	15°47	20°42	1°53	0°40	24°57	n.a.	T 13
F 14	15 8 41	17°44'21	6♒34	28°50	9° 4	13°13	24° 7	11° 4	27°58	15°48	20°43	1°51	0°36	25° 4	n.a.	F 14
S 15	15 12 37	18°41'32	18°46	28°28	9°32	13°53	24°16	11° 5	27°56	15°50	20°44	1°D50	0°33	25°11	n.a.	S 15
S 16	15 16 34	19°38'42	1♓14	28° 3	10° 1	14°34	24°24	11° 6	27°55	15°51	20°45	1°50	0°30	25°18	n.a.	S 16
M17	15 20 30	20°35'52	14° 2	27°35	10°31	15°15	24°33	11° 8	27°53	15°52	20°46	1°52	0°27	25°24	n.a.	M17
T 18	15 24 27	21°33'02	27°14	27° 4	11° 3	15°56	24°41	11° 9	27°51	15°53	20°48	1°R52	0°24	25°31	n.a.	T 18
W19	15 28 24	22°30'12	10♈53	26°32	11°36	16°36	24°50	11° 9	27°49	15°54	20°49	1°52	0°20	25°38	n.a.	W19
T 20	15 32 20	23°27'21	25° 0	25°59	12°11	17°17	24°59	11°10	27°48	15°55	20°50	1°50	0°17	25°45	n.a.	T 20
F 21	15 36 17	24°24'31	9♉32	25°24	12°47	17°57	25° 8	11°11	27°46	15°56	20°51	1°46	0°14	25°51	n.a.	F 21
S 22	15 40 13	25°21'40	24°25	24°50	13°24	18°38	25°17	11°11	27°44	15°58	20°52	1°40	0°11	25°58	n.a.	S 22
S 23	15 44 10	26°18'49	9♊30	24°16	14° 2	19°18	25°27	11°12	27°42	15°59	20°53	1°32	0° 8	26° 5	n.a.	S 23
M24	15 48 6	27°15'57	24°38	23°43	14°41	19°59	25°36	11°12	27°40	16° 0	20°55	1°24	0° 5	26°11	n.a.	M24
T 25	15 52 3	28°13'05	9♋38	23°11	15°21	20°39	25°46	11°13	27°38	16° 1	20°56	1°16	0° 1	26°18	n.a.	T 25
W26	15 55 59	29°10'13	24°22	22°41	16° 3	21°20	25°55	11°13	27°36	16° 2	20°57	1°10	29♍58	26°25	n.a.	W26
T 27	15 59 56	0♊ 7'20	8♌45	22°15	16°45	22° 0	26° 5	11°R13	27°34	16° 2	20°58	1° 6	29°55	26°32	n.a.	T 27
F 28	16 3 53	1° 4'27	22°43	21°51	17°28	22°40	26°15	11°13	27°32	16° 3	21° 0	1° 4	29°52	26°38	n.a.	F 28
S 29	16 7 49	2° 1'34	6♍17	21°30	18°12	23°20	26°24	11°13	27°30	16° 4	21° 1	1°D 4	29°49	26°45	n.a.	S 29
S 30	16 11 46	2°58'40	19°29	21°14	18°57	24° 1	26°34	11°12	27°28	16° 5	21° 2	1° 5	29°46	26°52	n.a.	S 30
M31	16 15 42	3♊55'45	2♎22	21♉ 1	19♈43	24♉41	26♋44	11♒12	27♐26	16♓ 6	21♋ 4	1°R 5	29♍42	26♐58	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n27	10n 4	3s 7	21n29	1n46	3n 8	0n51	13n 8	0n 2	22n49	1n 0	19s 2	1s19	24s 2	0s19	7s17	1s38	31n23	9n22	1s 3	0s31	18s29		n.a.
S 2	13 47	6 15	2 4	21 28	1 36	2 58	0 39	13 23	0 3	22 47	1 0	19 2	1 19	24 2	0 19	7 16	1 38	31 23	9 22	1 4	0 30	18 29		n.a.
M 3	14 6	2 11	0 56	21 24	1 26	2 49	0 28	13 37	0 3	22 46	1 0	19 2	1 19	24 2	0 19	7 16	1 38	31 23	9 22	1 4	0 29	18 29		n.a.
T 4	14 25	1s55	0n14	21 19	1 15	2 42	0 16	13 52	0 4	22 45	1 0	19 1	1 20	24 2	0 19	7 15	1 38	31 22	9 22	1 4	0 27	18 29		n.a.
W 5	14 43	5 51	1 22	21 13	1 3	2 35	0 5	14 6	0 4	22 43	0 59	19 1	1 20	24 2	0 19	7 15	1 38	31 22	9 22	1 4	0 26	18 29		n.a.
T 6	15 1	9 29	2 25	21 4	0 50	2 30	0s 5	14 20	0 5	22 42	0 59	19 0	1 20	24 2	0 19	7 14	1 38	31 22	9 21	1 3	0 25	18 30		n.a.
F 7	15 20	12 40	3 20	20 53	0 37	2 26	0 16	14 34	0 6	22 41	0 59	19 0	1 20	24 2	0 19	7 14	1 38	31 21	9 21	1 1	0 24	18 30		n.a.
S 8	15 37	15 15	4 6	20 41	0 23	2 23	0 26	14 48	0 6	22 39	0 59	19 0	1 20	24 2	0 19	7 13	1 38	31 21	9 21	0 58	0 22	18 30		n.a.
S 9	15 55	17 8	4 39	20 27	0 8	2 21	0 35	15 2	0 7	22 38	0 59	18 59	1 21	24 2	0 19	7 13	1 38	31 21	9 21	0 56	0 21	18 30		n.a.
M10	16 13	18 16	5 0	20 12	0s 8	2 20	0 44	15 16	0 7	22 37	0 59	18 59	1 21	24 2	0 19	7 12	1 38	31 21	9 21	0 52	0 20	18 30		n.a.
T 11	16 30	18 35	5 9	19 55	0 24	2 20	0 53	15 29	0 8	22 35	0 59	18 59	1 21	24 2	0 19	7 12	1 38	31 20	9 20	0 50	0 18	18 30		n.a.
W12	16 47	18 5	5 3	19 37	0 40	2 21	1 2	15 42	0 9	22 34	0 59	18 58	1 21	24 2	0 19	7 11	1 38	31 20	9 20	0 47	0 17	18 31		n.a.
T 13	17 3	16 48	4 45	19 17	0 57	2 24	1 10	15 56	0 9	22 32	0 59	18 58	1 22	24 2	0 19	7 11	1 38	31 20	9 20	0 46	0 16	18 31		n.a.
F 14	17 19	14 45	4 14	18 57	1 13	2 27	1 18	16 9	0 10	22 31	0 59	18 58	1 22	24 2	0 19	7 10	1 38	31 19	9 20	0 45	0 15	18 31		n.a.
S 15	17 36	12 2	3 31	18 35	1 30	2 30	1 26	16 22	0 10	22 29	0 59	18 58	1 22	24 2	0 19	7 10	1 38	31 19	9 20	0 44	0 13	18 31		n.a.
S 16	17 51	8 43	2 38	18 13	1 47	2 35	1 33	16 35	0 11	22 27	0 59	18 58	1 22	24 2	0 19	7 9	1 38	31 19	9 20	0 44	0 12	18 31		n.a.
M17	18 7	4 54	1 35	17 51	2 4	2 41	1 40	16 47	0 12	22 26	0 59	18 58	1 22	24 2	0 19	7 9	1 38	31 18	9 20	0 45	0 11	18 31		n.a.
T 18	18 22	0 44	0 25	17 28	2 20	2 47	1 47	17 0	0 12	22 24	0 59	18 58	1 23	24 2	0 19	7 8	1 38	31 18	9 19	0 45	0 10	18 32		n.a.
W19	18 37	3n37	0s48	17 6	2 35	2 55	1 53	17 12	0 13	22 22	0 58	18 58	1 23	24 2	0 19	7 8	1 39	31 18	9 19	0 45	0 8	18 32		n.a.
T 20	18 52	7 55	2 1	16 43	2 50	3 3	1 59	17 24	0 13	22 21	0 58	18 58	1 23	24 2	0 19	7 8	1 39	31 17	9 19	0 44	0 7	18 32		n.a.
F 21	19 6	11 52	3 8	16 22	3 4	3 11	2 5	17 37	0 14	22 19	0 58	18 58	1 23	24 2	0 19	7 7	1 39	31 17	9 19	0 43	0 6	18 32		n.a.
S 22	19 20	15 10	4 4	16 1	3 17	3 21	2 11	17 48	0 14	22 17	0 58	18 58	1 24	24 2	0 19	7 7	1 39	31 17	9 19	0 40	0 4	18 32		n.a.
S 23	19 34	17 28	4 43	15 41	3 30	3 31	2 16	18 0	0 15	22 15	0 58	18 58	1 24	24 2	0 19	7 7	1 39	31 16	9 19	0 37	0 3	18 32		n.a.
M24	19 47	18 34	5 3	15 22	3 40	3 42	2 21	18 12	0 16	22 14	0 58	18 58	1 24	24 2	0 19	7 6	1 39	31 16	9 18	0 34	0 2	18 32		n.a.
T 25	20 0	18 21	5 2	15 5	3 50	3 53	2 26	18 23	0 16	22 12	0 58	18 58	1 24	24 2	0 19	7 6	1 39	31 15	9 18	0 31	0 1	18 32		n.a.
W26	20 13	16 54	4 41	14 50	3 58	4 5	2 30	18 35	0 17	22 10	0 58	18 58	1 24	24 2	0 19	7 6	1 39	31 15	9 18	0 28	0n 1	18 33		n.a.
T 27	20 25	14 24	4 2	14 36	4 5	4 17	2 34	18 46	0 17	22 8	0 58	18 58	1 25	24 2	0 19	7 5	1 39	31 15	9 18	0 27	0 2	18 33		n.a.
F 28	20 37	11 7	3 10	14 25	4 11	4 30	2 38	18 57	0 18	22 6	0 58	18 59	1 25	24 2	0 19	7 5	1 39	31 14	9 18	0 26	0 3	18 33		n.a.
S 29	20 49	7 19	2 8	14 16	4 15	4 44	2 42	19 8	0 19	22 4	0 58	18 59	1 25	24 2	0 19	7 5	1 39	31 14	9 18	0 26	0 5	18 33		n.a.
S 30	21 0	3 16	1 2	14 9	4 17	4 58	2 45	19 19	0 19	22 2	0 58	18 59	1 25	24 2	0 19	7 4	1 39	31 14	9 18	0 26	0 6	18 33		n.a.
M31	21n11	0s51	0n 7	14n 4	4s18	5n12	2s49	19n29	0n20	22n 0	0n58	18s59	1s25	24s 1	0s19	7s 4	1s39	31n13	9n18	0s26	0n 7	18s33		n.a.

Julian Day Number = 1621099.5, Delta T = 03h47m29s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'46, Lahiri = - 7°44'46 Julian Calendar 1 May 275 BCE == Greg. Calendar 27 Apr. 275 BCE

The year -274 astronomical counting style corresponds to year 275 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

JUNE 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 19 39	4♊52'51	14♎58	20°R54	20♈30	25♉21	26♋55	11°R12	27°R23	16♓ 7	21♋ 5	1°R 4	29♍39	27♐ 5	n.a.	T 1
W 2	16 23 35	5°49'56	27°22	20°D50	21°17	26° 1	27° 5	11♒11	27♐21	16° 7	21° 7	1♎ 1	29°36	27°12	n.a.	W 2
T 3	16 27 32	6°47'01	9♏37	20♉52	22° 5	26°41	27°15	11°10	27°19	16° 8	21° 8	0°56	29°33	27°19	n.a.	T 3
F 4	16 31 28	7°44'06	21°43	20°58	22°54	27°21	27°25	11°10	27°17	16° 9	21°10	0°47	29°30	27°25	n.a.	F 4
S 5	16 35 25	8°41'12	3♐44	21°10	23°44	28° 1	27°36	11° 9	27°15	16° 9	21°11	0°37	29°26	27°32	n.a.	S 5
S 6	16 39 22	9°38'17	15°41	21°26	24°34	28°41	27°46	11° 8	27°12	16°10	21°13	0°25	29°23	27°39	n.a.	S 6
M 7	16 43 18	10°35'23	27°34	21°48	25°25	29°21	27°57	11° 7	27°10	16°10	21°14	0°12	29°20	27°46	n.a.	M 7
T 8	16 47 15	11°32'29	9♑27	22°15	26°17	0♊ 0	28° 8	11° 6	27° 8	16°11	21°16	0° 0	29°17	27°52	n.a.	T 8
W 9	16 51 11	12°29'35	21°19	22°47	27° 9	0°40	28°19	11° 5	27° 6	16°12	21°17	29♍50	29°14	27°59	n.a.	W 9
T 10	16 55 8	13°26'42	3♒15	23°23	28° 2	1°20	28°29	11° 3	27° 3	16°12	21°19	29°41	29°11	28° 6	n.a.	T 10
F 11	16 59 4	14°23'49	15°17	24° 5	28°55	2° 0	28°40	11° 2	27° 1	16°12	21°20	29°35	29° 7	28°12	n.a.	F 11
S 12	17 3 1	15°20'57	27°28	24°52	29°49	2°39	28°51	11° 0	26°59	16°13	21°22	29°32	29° 4	28°19	n.a.	S 12
S 13	17 6 58	16°18'06	9♓54	25°44	0♉44	3°19	29° 2	10°59	26°56	16°13	21°23	29°31	29° 1	28°26	n.a.	S 13
M14	17 10 54	17°15'15	22°38	26°41	1°39	3°59	29°13	10°57	26°54	16°14	21°25	29°31	28°58	28°33	n.a.	M14
T 15	17 14 51	18°12'25	5♈45	27°43	2°34	4°38	29°25	10°55	26°52	16°14	21°27	29°31	28°55	28°39	n.a.	T 15
W16	17 18 47	19° 9'36	19°19	28°49	3°30	5°18	29°36	10°53	26°49	16°14	21°28	29°30	28°52	28°46	n.a.	W16
T 17	17 22 44	20° 6'48	3♉22	29°59	4°27	5°57	29°47	10°52	26°47	16°14	21°30	29°26	28°48	28°53	n.a.	T 17
F 18	17 26 40	21° 4'00	17°54	1♊16	5°24	6°37	29°59	10°49	26°44	16°15	21°32	29°21	28°45	29° 0	n.a.	F 18
S 19	17 30 37	22° 1'13	2♊50	2°36	6°21	7°16	0♌10	10°47	26°42	16°15	21°33	29°13	28°42	29° 6	n.a.	S 19
S 20	17 34 33	22°58'28	18° 3	4° 0	7°19	7°55	0°22	10°45	26°40	16°15	21°35	29° 2	28°39	29°13	n.a.	S 20
M21	17 38 30	23°55'42	3♋22	5°29	8°17	8°35	0°33	10°43	26°37	16°15	21°37	28°52	28°36	29°20	n.a.	M21
T 22	17 42 27	24°52'58	18°35	7° 2	9°16	9°14	0°45	10°40	26°35	16°15	21°38	28°42	28°32	29°26	n.a.	T 22
W23	17 46 23	25°50'14	3♌34	8°39	10°15	9°53	0°57	10°38	26°32	16°15	21°40	28°33	28°29	29°33	n.a.	W23
T 24	17 50 20	26°47'30	18° 8	10°20	11°14	10°33	1° 8	10°35	26°30	16°R15	21°42	28°27	28°26	29°40	n.a.	T 24
F 25	17 54 16	27°44'48	2♍15	12° 4	12°13	11°12	1°20	10°33	26°28	16°15	21°44	28°24	28°23	29°47	n.a.	F 25
S 26	17 58 13	28°42'05	15°54	13°52	13°13	11°51	1°32	10°30	26°25	16°15	21°46	28°22	28°20	29°53	n.a.	S 26
S 27	18 2 9	29°39'23	29° 7	15°43	14°14	12°30	1°44	10°27	26°23	16°15	21°47	28°22	28°17	0♑ 0	n.a.	S 27
M28	18 6 6	0♋36'42	11♎56	17°36	15°14	13° 9	1°56	10°24	26°20	16°15	21°49	28°22	28°13	0° 7	n.a.	M28
T 29	18 10 2	1°34'01	24°27	19°33	16°15	13°48	2° 8	10°21	26°18	16°15	21°51	28°20	28°10	0°14	n.a.	T 29
W30	18 13 59	2♋31'21	6♏43	21♊31	17♉17	14♊27	2♌20	10♒18	26♐15	16♓15	21♋53	28♍17	28♍ 7	0♑20	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n22	4s50	1n13	14n 2	4s18	5n27	2s52	19n39	0n20	21n58	0n58	19s 0	1s26	24s 1	0s19	7s 4	1s39	31n13	9n17	0s26	0n 8	18s33		n.a.
W 2	21 32	8 34	2 15	14 3	4 17	5 42	2 55	19 50	0 21	21 56	0 58	19 0	1 26	24 1	0 19	7 4	1 39	31 13	9 17	0 25	0 10	18 33		n.a.
T 3	21 42	11 52	3 10	14 6	4 14	5 58	2 57	20 0	0 21	21 54	0 58	19 0	1 26	24 1	0 20	7 3	1 39	31 12	9 17	0 22	0 11	18 33		n.a.
F 4	21 52	14 38	3 55	14 11	4 10	6 14	3 0	20 10	0 22	21 52	0 58	19 1	1 26	24 1	0 20	7 3	1 39	31 12	9 17	0 19	0 12	18 34		n.a.
S 5	22 1	16 44	4 29	14 19	4 6	6 30	3 2	20 19	0 23	21 50	0 58	19 1	1 27	24 1	0 20	7 3	1 40	31 12	9 17	0 15	0 13	18 34		n.a.
S 6	22 10	18 7	4 52	14 29	4 0	6 47	3 4	20 29	0 23	21 48	0 57	19 2	1 27	24 1	0 20	7 3	1 40	31 11	9 17	0 10	0 15	18 34		n.a.
M 7	22 18	18 41	5 1	14 41	3 53	7 4	3 6	20 38	0 24	21 45	0 57	19 2	1 27	24 1	0 20	7 3	1 40	31 11	9 17	0 5	0 16	18 34		n.a.
T 8	22 26	18 26	4 57	14 56	3 45	7 21	3 7	20 47	0 24	21 43	0 57	19 3	1 27	24 1	0 20	7 3	1 40	31 11	9 17	0 0	0 17	18 34		n.a.
W 9	22 34	17 23	4 41	15 12	3 36	7 39	3 9	20 56	0 25	21 41	0 57	19 3	1 27	24 1	0 20	7 2	1 40	31 10	9 17	0n 4	0 19	18 34		n.a.
T 10	22 41	15 35	4 12	15 31	3 27	7 57	3 10	21 5	0 26	21 39	0 57	19 4	1 28	24 1	0 20	7 2	1 40	31 10	9 17	0 8	0 20	18 34		n.a.
F 11	22 48	13 5	3 32	15 51	3 17	8 15	3 11	21 14	0 26	21 36	0 57	19 5	1 28	24 1	0 20	7 2	1 40	31 10	9 16	0 10	0 21	18 34		n.a.
S 12	22 55	9 59	2 41	16 12	3 6	8 33	3 12	21 23	0 27	21 34	0 57	19 5	1 28	24 1	0 20	7 2	1 40	31 9	9 16	0 11	0 22	18 34		n.a.
S 13	23 1	6 23	1 42	16 36	2 55	8 51	3 13	21 31	0 27	21 32	0 57	19 6	1 28	24 1	0 20	7 2	1 40	31 9	9 16	0 12	0 24	18 34		n.a.
M14	23 6	2 24	0 36	17 0	2 43	9 10	3 13	21 39	0 28	21 29	0 57	19 6	1 28	24 1	0 20	7 2	1 40	31 8	9 16	0 12	0 25	18 34		n.a.
T 15	23 12	1n48	0s33	17 26	2 31	9 29	3 14	21 47	0 28	21 27	0 57	19 7	1 29	24 1	0 20	7 2	1 40	31 8	9 16	0 12	0 26	18 34		n.a.
W16	23 17	6 4	1 43	17 53	2 18	9 48	3 14	21 55	0 29	21 25	0 57	19 8	1 29	24 1	0 20	7 2	1 40	31 8	9 16	0 12	0 28	18 34		n.a.
T 17	23 21	10 9	2 49	18 21	2 5	10 7	3 14	22 2	0 29	21 22	0 57	19 9	1 29	24 1	0 20	7 2	1 40	31 7	9 16	0 13	0 29	18 35		n.a.
F 18	23 25	13 45	3 46	18 50	1 52	10 26	3 14	22 10	0 30	21 20	0 57	19 9	1 29	24 1	0 20	7 2	1 40	31 7	9 16	0 16	0 30	18 35		n.a.
S 19	23 29	16 34	4 30	19 19	1 39	10 45	3 14	22 17	0 31	21 17	0 57	19 10	1 30	24 1	0 20	7 2	1 40	31 7	9 16	0 19	0 31	18 35		n.a.
S 20	23 32	18 17	4 55	19 48	1 26	11 4	3 14	22 24	0 31	21 15	0 57	19 11	1 30	24 1	0 20	7 2	1 40	31 6	9 16	0 23	0 33	18 35		n.a.
M21	23 35	18 41	5 0	20 17	1 13	11 23	3 13	22 31	0 32	21 12	0 57	19 12	1 30	24 1	0 20	7 2	1 41	31 6	9 16	0 27	0 34	18 35		n.a.
T 22	23 38	17 45	4 43	20 46	0 59	11 43	3 13	22 38	0 32	21 9	0 57	19 13	1 30	24 1	0 20	7 2	1 41	31 6	9 16	0 32	0 35	18 35		n.a.
W23	23 40	15 35	4 7	21 15	0 46	12 2	3 12	22 44	0 33	21 7	0 57	19 14	1 30	24 1	0 20	7 2	1 41	31 5	9 16	0 35	0 36	18 35		n.a.
T 24	23 41	12 29	3 15	21 43	0 33	12 21	3 11	22 51	0 33	21 4	0 57	19 14	1 31	24 0	0 20	7 2	1 41	31 5	9 16	0 37	0 38	18 35		n.a.
F 25	23 42	8 43	2 13	22 10	0 20	12 40	3 10	22 57	0 34	21 2	0 57	19 15	1 31	24 0	0 20	7 2	1 41	31 5	9 16	0 39	0 39	18 35		n.a.
S 26	23 43	4 37	1 5	22 36	0 8	13 0	3 9	23 3	0 34	20 59	0 57	19 16	1 31	24 0	0 20	7 2	1 41	31 4	9 16	0 39	0 40	18 35		n.a.
S 27	23 44	0 25	0n 4	23 1	0n 4	13 19	3 8	23 9	0 35	20 56	0 57	19 17	1 31	24 0	0 20	7 2	1 41	31 4	9 16	0 39	0 42	18 35		n.a.
M28	23 43	3s41	1 11	23 24	0 16	13 38	3 6	23 14	0 36	20 53	0 57	19 18	1 31	24 0	0 20	7 2	1 41	31 4	9 16	0 39	0 43	18 35		n.a.
T 29	23 43	7 31	2 13	23 45	0 27	13 57	3 5	23 20	0 36	20 51	0 57	19 19	1 31	24 0	0 20	7 2	1 41	31 3	9 15	0 40	0 44	18 35		n.a.
W30	23n42	10s58	3n 8	24n 4	0n37	14n16	3s 3	23n25	0n37	20n48	0n57	19s20	1s32	24s 0	0s20	7s 2	1s41	31n 3	9n15	0n41	0n45	18s35		n.a.

Julian Day Number = 1621130.5, Delta T = 03h47m28s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'42, Lahiri = - 7°44'42 Julian Calendar 1 June 275 BCE == Greg. Calendar 28 May 275 BCE

The year -274 astronomical counting style corresponds to year 275 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

JULY 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 17 56	3♋28'42	18♏49	23♊31	18♉18	15♊ 6	2♌32	10°R15	26°R13	16°R14	21♋55	28°R11	28♍ 4	0♑27	n.a.	T 1
F 2	18 21 52	4°26'04	0♐48	25°33	19°20	15°45	2°44	10♒12	26♐11	16♓14	21°56	28♍ 2	28° 1	0°34	n.a.	F 2
S 3	18 25 49	5°23'27	12°43	27°36	20°22	16°24	2°57	10° 8	26° 8	16°14	21°58	27°51	27°58	0°40	n.a.	S 3
S 4	18 29 45	6°20'50	24°36	29°40	21°25	17° 3	3° 9	10° 5	26° 6	16°14	22° 0	27°37	27°54	0°47	n.a.	S 4
M 5	18 33 42	7°18'15	6♑29	1♋45	22°27	17°42	3°21	10° 2	26° 4	16°13	22° 2	27°24	27°51	0°54	n.a.	M 5
T 6	18 37 38	8°15'41	18°23	3°49	23°30	18°21	3°34	9°58	26° 1	16°13	22° 4	27°11	27°48	1° 1	n.a.	T 6
W 7	18 41 35	9°13'08	0♒19	5°54	24°34	19° 0	3°46	9°55	25°59	16°13	22° 6	26°59	27°45	1° 7	n.a.	W 7
T 8	18 45 31	10°10'36	12°20	7°58	25°37	19°38	3°58	9°51	25°57	16°12	22° 7	26°50	27°42	1°14	n.a.	T 8
F 9	18 49 28	11° 8'06	24°27	10° 2	26°41	20°17	4°11	9°47	25°54	16°12	22° 9	26°43	27°38	1°21	n.a.	F 9
S 10	18 53 25	12° 5'37	6♓43	12° 5	27°45	20°56	4°23	9°43	25°52	16°11	22°11	26°39	27°35	1°27	n.a.	S 10
S 11	18 57 21	13° 3'09	19°11	14° 8	28°49	21°35	4°36	9°40	25°50	16°11	22°13	26°38	27°32	1°34	n.a.	S 11
M12	19 1 18	14° 0'43	1♈55	16° 9	29°54	22°13	4°48	9°36	25°48	16°10	22°15	26°D38	27°29	1°41	n.a.	M12
T 13	19 5 14	14°58'19	15° 0	18° 9	0♊58	22°52	5° 1	9°32	25°45	16° 9	22°17	26°R38	27°26	1°48	n.a.	T 13
W14	19 9 11	15°55'56	28°28	20° 8	2° 3	23°30	5°14	9°28	25°43	16° 9	22°19	26°37	27°23	1°54	n.a.	W14
T 15	19 13 7	16°53'35	12♉22	22° 6	3° 9	24° 9	5°26	9°24	25°41	16° 8	22°21	26°35	27°19	2° 1	n.a.	T 15
F 16	19 17 4	17°51'16	26°43	24° 2	4°14	24°48	5°39	9°20	25°39	16° 7	22°23	26°30	27°16	2° 8	n.a.	F 16
S 17	19 21 0	18°48'58	11♊29	25°57	5°19	25°26	5°52	9°16	25°37	16° 7	22°25	26°23	27°13	2°15	n.a.	S 17
S 18	19 24 57	19°46'43	26°34	27°51	6°25	26° 5	6° 5	9°11	25°34	16° 6	22°26	26°14	27°10	2°21	n.a.	S 18
M19	19 28 54	20°44'29	11♋48	29°44	7°31	26°43	6°17	9° 7	25°32	16° 5	22°28	26° 5	27° 7	2°28	n.a.	M19
T 20	19 32 50	21°42'16	27° 1	1♌35	8°37	27°21	6°30	9° 3	25°30	16° 5	22°30	25°56	27° 4	2°35	n.a.	T 20
W21	19 36 47	22°40'05	12♌ 2	3°24	9°44	28° 0	6°43	8°59	25°28	16° 4	22°32	25°48	27° 0	2°41	n.a.	W21
T 22	19 40 43	23°37'55	26°43	5°12	10°50	28°38	6°56	8°54	25°26	16° 3	22°34	25°42	26°57	2°48	n.a.	T 22
F 23	19 44 40	24°35'47	10♍57	6°59	11°57	29°16	7° 9	8°50	25°24	16° 2	22°36	25°39	26°54	2°55	n.a.	F 23
S 24	19 48 36	25°33'39	24°43	8°45	13° 4	29°55	7°22	8°46	25°22	16° 1	22°38	25°D39	26°51	3° 2	n.a.	S 24
S 25	19 52 33	26°31'34	8♎ 0	10°29	14°11	0♋33	7°34	8°41	25°20	16° 0	22°40	25°39	26°48	3° 8	n.a.	S 25
M26	19 56 29	27°29'29	20°53	12°12	15°18	1°11	7°47	8°37	25°18	15°59	22°42	25°40	26°44	3°15	n.a.	M26
T 27	20 0 26	28°27'27	3♏24	13°53	16°25	1°49	8° 0	8°32	25°16	15°58	22°44	25°R40	26°41	3°22	n.a.	T 27
W28	20 4 23	29°25'25	15°40	15°33	17°33	2°27	8°13	8°28	25°14	15°57	22°46	25°38	26°38	3°29	n.a.	W28
T 29	20 8 19	0♌23'25	27°43	17°12	18°41	3° 6	8°26	8°23	25°13	15°56	22°47	25°35	26°35	3°35	n.a.	T 29
F 30	20 12 16	1°21'27	9♐40	18°50	19°49	3°44	8°39	8°19	25°11	15°55	22°49	25°29	26°32	3°42	n.a.	F 30
S 31	20 16 12	2♌19'30	21♐32	20♌26	20♊57	4♋22	8♌52	8♒14	25♐ 9	15♓54	22♋51	25♍21	26♍29	3♑49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n41	13s54	3n53	24n21	0n47	14n35	3s 2	23n30	0n37	20n45	0n57	19s21	1s32	24s 0	0s20	7s 3	1s41	31n 3	9n15	0n44	0n47	18s35			n.a.
F 2	23 39	16 12	4 27	24 35	0 56	14 53	3 0	23 35	0 38	20 42	0 57	19 22	1 32	24 0	0 20	7 3	1 41	31 2	9 15	0 48	0 48	18 35			n.a.
S 3	23 37	17 48	4 50	24 47	1 5	15 12	2 58	23 39	0 38	20 39	0 57	19 24	1 32	24 0	0 20	7 3	1 41	31 2	9 15	0 52	0 49	18 35			n.a.
S 4	23 34	18 38	5 0	24 56	1 12	15 30	2 56	23 44	0 39	20 37	0 57	19 25	1 32	24 0	0 20	7 3	1 41	31 2	9 15	0 57	0 51	18 35			n.a.
M 5	23 31	18 38	4 56	25 2	1 19	15 48	2 54	23 48	0 39	20 34	0 57	19 26	1 33	24 0	0 20	7 3	1 41	31 1	9 15	1 3	0 52	18 35			n.a.
T 6	23 28	17 49	4 40	25 6	1 26	16 6	2 52	23 52	0 40	20 31	0 57	19 27	1 33	24 0	0 20	7 3	1 41	31 1	9 15	1 8	0 53	18 35			n.a.
W 7	23 24	16 14	4 12	25 6	1 31	16 24	2 50	23 56	0 40	20 28	0 57	19 28	1 33	24 0	0 20	7 4	1 42	31 1	9 15	1 13	0 54	18 35			n.a.
T 8	23 20	13 55	3 32	25 4	1 36	16 41	2 47	24 0	0 41	20 25	0 57	19 29	1 33	24 0	0 20	7 4	1 42	31 0	9 15	1 17	0 56	18 35			n.a.
F 9	23 15	11 0	2 42	25 0	1 39	16 58	2 45	24 3	0 42	20 22	0 57	19 30	1 33	24 0	0 20	7 4	1 42	31 0	9 16	1 19	0 57	18 35			n.a.
S 10	23 10	7 33	1 44	24 52	1 42	17 15	2 42	24 7	0 42	20 19	0 57	19 31	1 33	23 59	0 20	7 4	1 42	31 0	9 16	1 21	0 58	18 35			n.a.
S 11	23 5	3 44	0 39	24 42	1 45	17 32	2 40	24 10	0 43	20 16	0 57	19 33	1 34	23 59	0 20	7 5	1 42	31 0	9 16	1 21	0 59	18 35			n.a.
M12	22 59	0n21	0s28	24 30	1 46	17 49	2 37	24 13	0 43	20 13	0 57	19 34	1 34	23 59	0 20	7 5	1 42	30 59	9 16	1 21	1 1	18 35			n.a.
T 13	22 52	4 30	1 36	24 15	1 47	18 5	2 34	24 16	0 44	20 10	0 57	19 35	1 34	23 59	0 20	7 5	1 42	30 59	9 16	1 21	1 2	18 35			n.a.
W14	22 46	8 33	2 41	23 58	1 48	18 21	2 32	24 18	0 44	20 7	0 57	19 36	1 34	23 59	0 20	7 5	1 42	30 59	9 16	1 22	1 3	18 35			n.a.
T 15	22 39	12 17	3 38	23 39	1 47	18 36	2 29	24 20	0 45	20 3	0 57	19 38	1 34	23 59	0 20	7 6	1 42	30 58	9 16	1 23	1 5	18 35			n.a.
F 16	22 31	15 23	4 23	23 18	1 47	18 51	2 26	24 23	0 45	20 0	0 57	19 39	1 34	23 59	0 20	7 6	1 42	30 58	9 16	1 24	1 6	18 35			n.a.
S 17	22 23	17 36	4 53	22 56	1 45	19 6	2 23	24 25	0 46	19 57	0 57	19 40	1 34	23 59	0 20	7 6	1 42	30 58	9 16	1 27	1 7	18 35			n.a.
S 18	22 15	18 38	5 3	22 31	1 43	19 21	2 20	24 26	0 46	19 54	0 57	19 41	1 35	23 59	0 20	7 7	1 42	30 58	9 16	1 31	1 8	18 35			n.a.
M19	22 6	18 21	4 52	22 5	1 41	19 35	2 17	24 28	0 47	19 51	0 57	19 43	1 35	23 59	0 20	7 7	1 42	30 57	9 16	1 35	1 10	18 35			n.a.
T 20	21 57	16 45	4 20	21 38	1 38	19 48	2 14	24 29	0 47	19 47	0 57	19 44	1 35	23 59	0 20	7 7	1 42	30 57	9 16	1 38	1 11	18 35			n.a.
W21	21 48	14 1	3 30	21 9	1 34	20 1	2 10	24 31	0 48	19 44	0 57	19 45	1 35	23 59	0 20	7 8	1 42	30 57	9 16	1 41	1 12	18 35			n.a.
T 22	21 38	10 27	2 28	20 39	1 30	20 14	2 7	24 32	0 49	19 41	0 57	19 46	1 35	23 59	0 20	7 8	1 42	30 56	9 16	1 44	1 14	18 35			n.a.
F 23	21 28	6 21	1 18	20 8	1 26	20 27	2 4	24 32	0 49	19 38	0 57	19 48	1 35	23 59	0 20	7 9	1 42	30 56	9 16	1 45	1 15	18 35			n.a.
S 24	21 17	2 3	0 5	19 36	1 22	20 39	2 1	24 33	0 50	19 34	0 57	19 49	1 35	23 58	0 20	7 9	1 43	30 56	9 16	1 45	1 16	18 35			n.a.
S 25	21 6	2s12	1n 6	19 3	1 17	20 50	1 57	24 34	0 50	19 31	0 57	19 50	1 35	23 58	0 20	7 9	1 43	30 56	9 16	1 45	1 17	18 35			n.a.
M26	20 55	6 14	2 11	18 29	1 11	21 1	1 54	24 34	0 51	19 28	0 57	19 52	1 36	23 58	0 20	7 10	1 43	30 55	9 16	1 45	1 19	18 34			n.a.
T 27	20 43	9 51	3 8	17 54	1 6	21 12	1 50	24 34	0 51	19 24	0 57	19 53	1 36	23 58	0 20	7 10	1 43	30 55	9 17	1 45	1 20	18 34			n.a.
W28	20 31	12 59	3 55	17 19	1 0	21 22	1 47	24 34	0 52	19 21	0 57	19 54	1 36	23 58	0 20	7 11	1 43	30 55	9 17	1 45	1 21	18 34			n.a.
T 29	20 19	15 30	4 31	16 43	0 53	21 31	1 43	24 34	0 52	19 18	0 57	19 56	1 36	23 58	0 20	7 11	1 43	30 55	9 17	1 47	1 22	18 34			n.a.
F 30	20 6	17 19	4 54	16 6	0 47	21 40	1 40	24 33	0 53	19 14	0 57	19 57	1 36	23 58	0 20	7 12	1 43	30 54	9 17	1 49	1 24	18 34			n.a.
S 31	19n53	18s23	5n 5	15n29	0n40	21n49	1s36	24n32	0n53	19n11	0n58	19s58	1s36	23s58	0s20	7s12	1s43	30n54	9n17	1n52	1n25	18s34			n.a.

Julian Day Number = 1621160.5, Delta T = 03h47m27s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'38, Lahiri = - 7°44'38 Julian Calendar 1 July 275 BCE == Greg. Calendar 27 June 275 BCE

The year -274 astronomical counting style corresponds to year 275 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

AUGUST 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 20 9	3♌17'34	3♉25	22♌ 1	22♊ 5	5♋ 0	9♌ 5	8°R 9	25°R 7	15°R53	22♋53	25°R12	26♍25	3♉55	n.a.	S 1
M 2	20 24 5	4°15'41	15°19	23°35	23°13	5°38	9°18	8♒ 5	25♐ 6	15♓52	22°55	25♍ 2	26°22	4° 2	n.a.	M 2
T 3	20 28 2	5°13'49	27°17	25° 7	24°22	6°16	9°31	8° 0	25° 4	15°51	22°57	24°53	26°19	4° 9	n.a.	T 3
W 4	20 31 58	6°11'59	9♒21	26°38	25°30	6°54	9°44	7°56	25° 2	15°49	22°59	24°44	26°16	4°16	n.a.	W 4
T 5	20 35 55	7°10'11	21°31	28° 8	26°39	7°32	9°57	7°51	25° 1	15°48	23° 1	24°38	26°13	4°22	n.a.	T 5
F 6	20 39 52	8° 8'24	3♓49	29°37	27°48	8° 9	10°10	7°46	24°59	15°47	23° 2	24°34	26°10	4°29	n.a.	F 6
S 7	20 43 48	9° 6'40	16°17	1♍ 4	28°57	8°47	10°24	7°42	24°58	15°46	23° 4	24°31	26° 6	4°36	n.a.	S 7
S 8	20 47 45	10° 4'58	28°56	2°30	0♋ 6	9°25	10°37	7°37	24°56	15°44	23° 6	24°D31	26° 3	4°42	n.a.	S 8
M 9	20 51 41	11° 3'17	11♈49	3°55	1°16	10° 3	10°50	7°33	24°55	15°43	23° 8	24°32	26° 0	4°49	n.a.	M 9
T 10	20 55 38	12° 1'40	24°58	5°18	2°25	10°41	11° 3	7°28	24°53	15°42	23°10	24°34	25°57	4°56	n.a.	T 10
W11	20 59 34	13° 0'04	8♉26	6°40	3°35	11°18	11°16	7°23	24°52	15°40	23°12	24°R34	25°54	5° 3	n.a.	W11
T 12	21 3 31	13°58'30	22°14	8° 1	4°44	11°56	11°29	7°19	24°51	15°39	23°13	24°34	25°50	5° 9	n.a.	T 12
F 13	21 7 27	14°56'59	6♊23	9°20	5°54	12°34	11°42	7°14	24°49	15°38	23°15	24°32	25°47	5°16	n.a.	F 13
S 14	21 11 24	15°55'31	20°53	10°38	7° 4	13°11	11°55	7°10	24°48	15°36	23°17	24°29	25°44	5°23	n.a.	S 14
S 15	21 15 21	16°54'04	5♋37	11°54	8°14	13°49	12° 8	7° 5	24°47	15°35	23°19	24°24	25°41	5°30	n.a.	S 15
M16	21 19 17	17°52'40	20°32	13° 8	9°25	14°27	12°21	7° 1	24°46	15°33	23°21	24°19	25°38	5°36	n.a.	M16
T 17	21 23 14	18°51'18	5♌28	14°21	10°35	15° 4	12°34	6°56	24°45	15°32	23°22	24°14	25°35	5°43	n.a.	T 17
W18	21 27 10	19°49'58	20°17	15°32	11°46	15°42	12°47	6°52	24°44	15°31	23°24	24° 9	25°31	5°50	n.a.	W18
T 19	21 31 7	20°48'40	4♍51	16°41	12°56	16°19	13° 0	6°47	24°43	15°29	23°26	24° 6	25°28	5°56	n.a.	T 19
F 20	21 35 3	21°47'24	19° 3	17°49	14° 7	16°57	13°13	6°43	24°42	15°28	23°28	24°D 5	25°25	6° 3	n.a.	F 20
S 21	21 39 0	22°46'10	2♎51	18°54	15°18	17°34	13°26	6°39	24°41	15°26	23°29	24° 5	25°22	6°10	n.a.	S 21
S 22	21 42 56	23°44'58	16°13	19°57	16°29	18°12	13°39	6°34	24°40	15°25	23°31	24° 6	25°19	6°17	n.a.	S 22
M23	21 46 53	24°43'47	29°10	20°57	17°40	18°49	13°52	6°30	24°39	15°23	23°33	24° 8	25°15	6°23	n.a.	M23
T 24	21 50 49	25°42'39	11♏45	21°55	18°51	19°26	14° 5	6°26	24°38	15°21	23°34	24° 9	25°12	6°30	n.a.	T 24
W25	21 54 46	26°41'32	24° 3	22°50	20° 2	20° 4	14°18	6°22	24°38	15°20	23°36	24°R10	25° 9	6°37	n.a.	W25
T 26	21 58 43	27°40'28	6♐ 8	23°42	21°14	20°41	14°31	6°17	24°37	15°18	23°38	24°10	25° 6	6°43	n.a.	T 26
F 27	22 2 39	28°39'25	18° 5	24°31	22°25	21°18	14°44	6°13	24°36	15°17	23°39	24° 8	25° 3	6°50	n.a.	F 27
S 28	22 6 36	29°38'24	29°58	25°16	23°37	21°55	14°56	6° 9	24°36	15°15	23°41	24° 6	25° 0	6°57	n.a.	S 28
S 29	22 10 32	0♍37'25	11♉51	25°58	24°48	22°33	15° 9	6° 5	24°35	15°14	23°43	24° 2	24°56	7° 4	n.a.	S 29
M30	22 14 29	1°36'28	23°47	26°35	26° 0	23°10	15°22	6° 1	24°35	15°12	23°44	23°59	24°53	7°10	n.a.	M30
T 31	22 18 25	2♍35'32	5♒51	27♍ 8	27♋12	23♋47	15♌35	5♒57	24♐34	15♓10	23♋46	23♍55	24♍50	7♉17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	19n39	18s38	5n 3	14n52	0n33	21n57	1s33	24n32	0n54	19n 7	0n58	20s 0	1s36	23s58	0s20	7s13	1s43	30n54	9n17	1n56	1n26	18s34			n.a.
M 2	19 25	18 5	4 47	14 14	0 26	22 4	1 29	24 30	0 54	19 4	0 58	20 1	1 36	23 58	0 20	7 13	1 43	30 54	9 17	2 0	1 28	18 34			n.a.
T 3	19 11	16 43	4 19	13 36	0 19	22 11	1 25	24 29	0 55	19 0	0 58	20 2	1 36	23 58	0 20	7 14	1 43	30 54	9 17	2 4	1 29	18 34			n.a.
W 4	18 57	14 37	3 39	12 58	0 11	22 17	1 22	24 28	0 55	18 57	0 58	20 3	1 36	23 58	0 20	7 14	1 43	30 53	9 18	2 7	1 30	18 34			n.a.
T 5	18 42	11 51	2 48	12 19	0 4	22 23	1 18	24 26	0 56	18 53	0 58	20 5	1 37	23 58	0 20	7 15	1 43	30 53	9 18	2 9	1 31	18 34			n.a.
F 6	18 27	8 32	1 50	11 41	0s 4	22 28	1 14	24 25	0 56	18 50	0 58	20 6	1 37	23 58	0 20	7 15	1 43	30 53	9 18	2 11	1 33	18 34			n.a.
S 7	18 12	4 48	0 44	11 2	0 12	22 33	1 11	24 23	0 57	18 46	0 58	20 7	1 37	23 58	0 20	7 16	1 43	30 53	9 18	2 12	1 34	18 34			n.a.
S 8	17 56	0 48	0s24	10 24	0 20	22 36	1 7	24 20	0 57	18 43	0 58	20 9	1 37	23 57	0 20	7 16	1 43	30 53	9 18	2 12	1 35	18 33			n.a.
M 9	17 40	3n19	1 32	9 45	0 28	22 40	1 3	24 18	0 58	18 39	0 58	20 10	1 37	23 57	0 20	7 17	1 43	30 52	9 18	2 12	1 37	18 33			n.a.
T 10	17 23	7 20	2 37	9 7	0 36	22 43	1 0	24 16	0 58	18 36	0 58	20 11	1 37	23 57	0 20	7 17	1 43	30 52	9 18	2 11	1 38	18 33			n.a.
W11	17 7	11 5	3 36	8 29	0 45	22 45	0 56	24 13	0 59	18 32	0 58	20 12	1 37	23 57	0 20	7 18	1 43	30 52	9 19	2 11	1 39	18 33			n.a.
T 12	16 50	14 19	4 23	7 51	0 53	22 46	0 52	24 10	0 59	18 29	0 58	20 14	1 37	23 57	0 20	7 18	1 43	30 52	9 19	2 11	1 40	18 33			n.a.
F 13	16 33	16 47	4 55	7 13	1 2	22 47	0 49	24 7	1 0	18 25	0 58	20 15	1 37	23 57	0 20	7 19	1 43	30 52	9 19	2 12	1 42	18 33			n.a.
S 14	16 15	18 15	5 10	6 35	1 10	22 47	0 45	24 4	1 0	18 21	0 58	20 16	1 37	23 57	0 20	7 20	1 43	30 52	9 19	2 13	1 43	18 33			n.a.
S 15	15 57	18 32	5 5	5 58	1 19	22 47	0 41	24 1	1 1	18 18	0 58	20 17	1 37	23 57	0 20	7 20	1 43	30 51	9 19	2 15	1 44	18 33			n.a.
M16	15 39	17 32	4 39	5 22	1 27	22 46	0 38	23 57	1 1	18 14	0 58	20 18	1 37	23 57	0 20	7 21	1 44	30 51	9 19	2 17	1 45	18 33			n.a.
T 17	15 21	15 21	3 54	4 46	1 36	22 44	0 34	23 53	1 2	18 10	0 59	20 20	1 37	23 57	0 20	7 21	1 44	30 51	9 20	2 19	1 47	18 32			n.a.
W18	15 3	12 9	2 54	4 10	1 44	22 42	0 30	23 49	1 3	18 7	0 59	20 21	1 37	23 57	0 20	7 22	1 44	30 51	9 20	2 21	1 48	18 32			n.a.
T 19	14 44	8 15	1 43	3 36	1 52	22 39	0 27	23 45	1 3	18 3	0 59	20 22	1 37	23 57	0 20	7 23	1 44	30 51	9 20	2 22	1 49	18 32			n.a.
F 20	14 25	3 58	0 27	3 2	2 1	22 35	0 23	23 41	1 4	17 59	0 59	20 23	1 37	23 57	0 20	7 23	1 44	30 51	9 20	2 23	1 51	18 32			n.a.
S 21	14 5	0s25	0n48	2 28	2 9	22 31	0 20	23 37	1 4	17 56	0 59	20 24	1 37	23 57	0 20	7 24	1 44	30 51	9 20	2 23	1 52	18 32			n.a.
S 22	13 46	4 38	1 58	1 56	2 17	22 26	0 16	23 32	1 5	17 52	0 59	20 25	1 37	23 57	0 20	7 24	1 44	30 51	9 21	2 22	1 53	18 32			n.a.
M23	13 26	8 30	3 0	1 25	2 25	22 20	0 12	23 28	1 5	17 48	0 59	20 27	1 37	23 57	0 20	7 25	1 44	30 50	9 21	2 21	1 54	18 32			n.a.
T 24	13 6	11 52	3 52	0 55	2 33	22 14	0 9	23 23	1 6	17 45	0 59	20 28	1 37	23 57	0 20	7 26	1 44	30 50	9 21	2 21	1 56	18 31			n.a.
W25	12 46	14 37	4 32	0 26	2 40	22 7	0 6	23 18	1 6	17 41	0 59	20 29	1 38	23 57	0 20	7 26	1 44	30 50	9 21	2 21	1 57	18 31			n.a.
T 26	12 25	16 41	4 59	0s 2	2 48	22 0	0 2	23 13	1 7	17 37	0 59	20 30	1 38	23 57	0 20	7 27	1 44	30 50	9 21	2 21	1 58	18 31			n.a.
F 27	12 5	18 0	5 12	0 28	2 55	21 51	0n 1	23 7	1 7	17 33	0 59	20 31	1 38	23 57	0 20	7 28	1 44	30 50	9 22	2 21	1 59	18 31			n.a.
S 28	11 44	18 31	5 12	0 52	3 1	21 43	0 5	23 2	1 8	17 30	0 59	20 32	1 38	23 57	0 20	7 28	1 44	30 50	9 22	2 22	2 1	18 31			n.a.
S 29	11 23	18 14	4 59	1 14	3 8	21 33	0 8	22 56	1 8	17 26	1 0	20 33	1 38	23 57	0 20	7 29	1 44	30 50	9 22	2 24	2 2	18 31			n.a.
M30	11 2	17 8	4 33	1 35	3 14	21 23	0 11	22 50	1 9	17 22	1 0	20 34	1 38	23 56	0 20	7 30	1 44	30 50	9 22	2 25	2 3	18 30			n.a.
T 31	10n40	15s15	3n54	1s53	3s19	21n12	0n14	22n44	1n 9	17n18	1n 0	20s35	1s38	23s56	0s20	7s30	1s44	30n50	9n23	2n27	2n 5	18s30			n.a.

Julian Day Number = 1621191.5, Delta T = 03h47m25s
Ecliptic obliquity = 23°43'33, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'34, Lahiri = - 7°44'33 Julian Calendar 1 Aug. 275 BCE == Greg. Calendar 28 July 275 BCE

The year -274 astronomical counting style corresponds to year 275 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

SEPTEMBER 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 22 22	3♍34'39	18♒ 3	27♍36	28♋24	24♋24	15♌48	5°R54	24°R34	15°R 9	23♋47	23°R52	24♍47	7♑24	n.a.	W 1
T 2	22 26 18	4°33'48	0♓25	27°58	29°36	25° 1	16° 0	5♒50	24♐33	15♓ 7	23°49	23♍50	24°44	7°31	n.a.	T 2
F 3	22 30 15	5°32'59	13° 0	28°15	0♌48	25°38	16°13	5°46	24°33	15° 5	23°50	23°48	24°41	7°37	n.a.	F 3
S 4	22 34 12	6°32'12	25°46	28°26	2° 0	26°15	16°26	5°43	24°33	15° 4	23°52	23°D48	24°37	7°44	n.a.	S 4
S 5	22 38 8	7°31'27	8♈45	28°R30	3°13	26°52	16°38	5°39	24°33	15° 2	23°53	23°48	24°34	7°51	n.a.	S 5
M 6	22 42 5	8°30'45	21°57	28°27	4°25	27°29	16°51	5°35	24°33	15° 0	23°55	23°49	24°31	7°57	n.a.	M 6
T 7	22 46 1	9°30'05	5♉22	28°17	5°37	28° 6	17° 3	5°32	24°32	14°59	23°56	23°51	24°28	8° 4	n.a.	T 7
W 8	22 49 58	10°29'28	19° 0	27°59	6°50	28°43	17°16	5°29	24°D32	14°57	23°58	23°52	24°25	8°11	n.a.	W 8
T 9	22 53 54	11°28'53	2♊51	27°32	8° 3	29°19	17°28	5°25	24°32	14°55	23°59	23°52	24°21	8°18	n.a.	T 9
F 10	22 57 51	12°28'20	16°55	26°58	9°16	29°56	17°41	5°22	24°32	14°54	24° 0	23°R53	24°18	8°24	n.a.	F 10
S 11	23 1 47	13°27'50	1♋11	26°15	10°28	0♌33	17°53	5°19	24°33	14°52	24° 2	23°52	24°15	8°31	n.a.	S 11
S 12	23 5 44	14°27'22	15°34	25°25	11°41	1°10	18° 6	5°16	24°33	14°50	24° 3	23°51	24°12	8°38	n.a.	S 12
M13	23 9 40	15°26'57	0♌ 3	24°27	12°54	1°46	18°18	5°13	24°33	14°49	24° 5	23°50	24° 9	8°44	n.a.	M13
T 14	23 13 37	16°26'34	14°32	23°23	14° 7	2°23	18°30	5°10	24°33	14°47	24° 6	23°49	24° 6	8°51	n.a.	T 14
W15	23 17 34	17°26'13	28°56	22°14	15°21	3° 0	18°42	5° 7	24°34	14°45	24° 7	23°49	24° 2	8°58	n.a.	W15
T 16	23 21 30	18°25'55	13♍ 9	21° 2	16°34	3°36	18°55	5° 5	24°34	14°44	24° 8	23°48	23°59	9° 5	n.a.	T 16
F 17	23 25 27	19°25'38	27° 7	19°48	17°47	4°13	19° 7	5° 2	24°34	14°42	24°10	23°D48	23°56	9°11	n.a.	F 17
S 18	23 29 23	20°25'24	10♎46	18°35	19° 1	4°49	19°19	4°59	24°35	14°40	24°11	23°48	23°53	9°18	n.a.	S 18
S 19	23 33 20	21°25'12	24° 4	17°24	20°14	5°26	19°31	4°57	24°35	14°39	24°12	23°49	23°50	9°25	n.a.	S 19
M20	23 37 16	22°25'01	7♏ 2	16°19	21°28	6° 2	19°43	4°55	24°36	14°37	24°13	23°49	23°46	9°31	n.a.	M20
T 21	23 41 13	23°24'53	19°39	15°20	22°41	6°39	19°55	4°52	24°37	14°35	24°14	23°R49	23°43	9°38	n.a.	T 21
W22	23 45 9	24°24'46	2♐ 0	14°29	23°55	7°15	20° 7	4°50	24°37	14°34	24°15	23°49	23°40	9°45	n.a.	W22
T 23	23 49 6	25°24'41	14° 7	13°49	25° 9	7°52	20°18	4°48	24°38	14°32	24°17	23°49	23°37	9°52	n.a.	T 23
F 24	23 53 3	26°24'38	26° 5	13°19	26°22	8°28	20°30	4°46	24°39	14°30	24°18	23°D49	23°34	9°58	n.a.	F 24
S 25	23 56 59	27°24'37	7♑58	13° 1	27°36	9° 4	20°42	4°44	24°40	14°29	24°19	23°49	23°31	10° 5	n.a.	S 25
S 26	0 0 56	28°24'37	19°51	12°D54	28°50	9°40	20°53	4°42	24°40	14°27	24°20	23°49	23°27	10°12	n.a.	S 26
M27	0 4 52	29°24'39	1♒48	12°58	0♍ 4	10°16	21° 5	4°41	24°41	14°26	24°21	23°50	23°24	10°19	n.a.	M27
T 28	0 8 49	0♎24'43	13°55	13°13	1°18	10°53	21°16	4°39	24°42	14°24	24°22	23°50	23°21	10°25	n.a.	T 28
W29	0 12 45	1°24'49	26°13	13°38	2°32	11°29	21°28	4°38	24°43	14°22	24°23	23°51	23°18	10°32	n.a.	W29
T 30	0 16 42	2♎24'56	8♓47	14♍13	3♍46	12♌ 5	21♌39	4♒36	24♐44	14♓21	24♋23	23♍52	23♍15	10♑39	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n19	12s41	3n 4	2s 9	3s24	21n 1	0n18	22n38	1n10	17n15	1n 0	20s36	1s38	23s56	0s20	7s31	1s44	30n50	9n23	2n28	2n 6	18s30		n.a.
T 2	9 57	9 30	2 5	2 21	3 28	20 49	0 21	22 32	1 10	17 11	1 0	20 37	1 38	23 56	0 20	7 32	1 44	30 50	9 23	2 29	2 7	18 30		n.a.
F 3	9 35	5 51	0 59	2 31	3 31	20 37	0 24	22 26	1 11	17 7	1 0	20 38	1 38	23 56	0 20	7 32	1 44	30 50	9 23	2 29	2 8	18 30		n.a.
S 4	9 13	1 52	0s11	2 38	3 34	20 23	0 27	22 19	1 11	17 3	1 0	20 39	1 37	23 56	0 20	7 33	1 44	30 50	9 24	2 29	2 10	18 30		n.a.
S 5	8 51	2n16	1 22	2 41	3 35	20 10	0 30	22 12	1 12	17 0	1 0	20 39	1 37	23 56	0 20	7 34	1 44	30 50	9 24	2 29	2 11	18 29		n.a.
M 6	8 29	6 20	2 29	2 40	3 36	19 55	0 33	22 6	1 12	16 56	1 0	20 40	1 37	23 56	0 20	7 34	1 44	30 50	9 24	2 29	2 12	18 29		n.a.
T 7	8 6	10 10	3 30	2 35	3 35	19 40	0 36	21 59	1 13	16 52	1 1	20 41	1 37	23 56	0 20	7 35	1 44	30 50	9 24	2 28	2 13	18 29		n.a.
W 8	7 43	13 31	4 20	2 26	3 32	19 25	0 39	21 52	1 13	16 48	1 1	20 42	1 37	23 56	0 20	7 36	1 44	30 50	9 25	2 28	2 15	18 29		n.a.
T 9	7 21	16 9	4 56	2 12	3 29	19 8	0 41	21 44	1 14	16 45	1 1	20 43	1 37	23 56	0 20	7 36	1 44	30 50	9 25	2 28	2 16	18 29		n.a.
F 10	6 58	17 52	5 14	1 53	3 23	18 52	0 44	21 37	1 14	16 41	1 1	20 43	1 37	23 56	0 20	7 37	1 44	30 50	9 25	2 28	2 17	18 28		n.a.
S 11	6 35	18 29	5 14	1 29	3 16	18 35	0 47	21 29	1 15	16 37	1 1	20 44	1 37	23 56	0 20	7 38	1 44	30 50	9 25	2 28	2 19	18 28		n.a.
S 12	6 11	17 56	4 54	1 0	3 7	18 17	0 50	21 22	1 15	16 34	1 1	20 45	1 37	23 56	0 20	7 38	1 44	30 50	9 26	2 28	2 20	18 28		n.a.
M13	5 48	16 13	4 16	0 27	2 56	17 58	0 52	21 14	1 16	16 30	1 1	20 46	1 37	23 56	0 20	7 39	1 44	30 50	9 26	2 29	2 21	18 28		n.a.
T 14	5 25	13 28	3 21	0n10	2 42	17 39	0 55	21 6	1 16	16 26	1 1	20 46	1 37	23 56	0 20	7 40	1 44	30 50	9 26	2 29	2 22	18 28		n.a.
W15	5 1	9 54	2 14	0 52	2 27	17 20	0 57	20 58	1 17	16 22	1 2	20 47	1 37	23 56	0 20	7 40	1 44	30 50	9 27	2 29	2 24	18 27		n.a.
T 16	4 38	5 48	0 59	1 36	2 11	17 0	0 59	20 50	1 17	16 19	1 2	20 48	1 37	23 56	0 20	7 41	1 44	30 50	9 27	2 29	2 25	18 27		n.a.
F 17	4 14	1 26	0n18	2 22	1 53	16 40	1 2	20 42	1 18	16 15	1 2	20 48	1 37	23 56	0 20	7 42	1 44	30 50	9 27	2 29	2 26	18 27		n.a.
S 18	3 50	2s53	1 33	3 8	1 33	16 19	1 4	20 33	1 18	16 11	1 2	20 49	1 37	23 56	0 20	7 42	1 44	30 50	9 27	2 29	2 27	18 27		n.a.
S 19	3 26	6 58	2 40	3 55	1 13	15 57	1 6	20 25	1 19	16 8	1 2	20 49	1 37	23 56	0 20	7 43	1 44	30 50	9 28	2 29	2 29	18 27		n.a.
M20	3 3	10 36	3 38	4 40	0 53	15 36	1 8	20 16	1 19	16 4	1 2	20 50	1 37	23 56	0 20	7 43	1 44	30 50	9 28	2 29	2 30	18 26		n.a.
T 21	2 39	13 39	4 23	5 21	0 32	15 13	1 10	20 7	1 20	16 0	1 2	20 50	1 37	23 56	0 20	7 44	1 44	30 50	9 28	2 29	2 31	18 26		n.a.
W22	2 15	16 0	4 55	6 0	0 12	14 51	1 12	19 58	1 20	15 56	1 3	20 51	1 37	23 56	0 20	7 45	1 44	30 50	9 29	2 29	2 33	18 26		n.a.
T 23	1 51	17 35	5 13	6 33	0n 7	14 27	1 14	19 49	1 21	15 53	1 3	20 51	1 37	23 56	0 19	7 45	1 44	30 50	9 29	2 29	2 34	18 26		n.a.
F 24	1 27	18 23	5 17	7 2	0 26	14 4	1 16	19 40	1 21	15 49	1 3	20 52	1 37	23 56	0 19	7 46	1 44	30 50	9 29	2 29	2 35	18 25		n.a.
S 25	1 3	18 22	5 8	7 24	0 43	13 40	1 18	19 31	1 22	15 46	1 3	20 52	1 37	23 56	0 19	7 47	1 44	30 50	9 30	2 29	2 36	18 25		n.a.
S 26	0 38	17 32	4 45	7 41	0 58	13 15	1 19	19 22	1 22	15 42	1 3	20 53	1 36	23 56	0 19	7 47	1 44	30 51	9 30	2 29	2 38	18 25		n.a.
M27	0 14	15 56	4 10	7 53	1 12	12 51	1 21	19 12	1 23	15 38	1 3	20 53	1 36	23 57	0 19	7 48	1 44	30 51	9 30	2 29	2 39	18 25		n.a.
T 28	0s10	13 36	3 24	7 58	1 24	12 25	1 23	19 3	1 23	15 35	1 3	20 53	1 36	23 57	0 19	7 49	1 44	30 51	9 31	2 29	2 40	18 24		n.a.
W29	0 34	10 37	2 27	7 58	1 35	12 0	1 24	18 53	1 24	15 31	1 4	20 53	1 36	23 57	0 19	7 49	1 44	30 51	9 31	2 28	2 41	18 24		n.a.
T 30	0s58	7s 6	1n23	7n53	1n44	11n34	1n25	18n44	1n24	15n28	1n 4	20s54	1s36	23s57	0s19	7s50	1s44	30n51	9n31	2n28	2n43	18s24		n.a.

Julian Day Number = 1621222.5, Delta T = 03h47m24s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'30, Lahiri = - 7°44'29 Julian Calendar 1 Sept. 275 BCE == Greg. Calendar 28 Aug. 275 BCE

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

OCTOBER 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 20 38	3♎25'06	21♓37	14♍56	5♍ 0	12♌41	21♌50	4°R35	24♐46	14°R19	24♋24	23°R52	23♍12	10♉45	n.a.	F 1
S 2	0 24 35	4°25'17	4♈44	15°47	6°15	13°17	22° 2	4♒34	24°47	14♓18	24°25	23♍52	23° 8	10°52	n.a.	S 2
S 3	0 28 31	5°25'29	18° 7	16°45	7°29	13°53	22°13	4°33	24°48	14°16	24°26	23°51	23° 5	10°59	n.a.	S 3
M 4	0 32 28	6°25'44	1♉46	17°49	8°43	14°28	22°24	4°32	24°49	14°15	24°27	23°50	23° 2	11° 6	n.a.	M 4
T 5	0 36 25	7°26'01	15°37	18°59	9°58	15° 4	22°35	4°31	24°51	14°13	24°28	23°48	22°59	11°12	n.a.	T 5
W 6	0 40 21	8°26'20	29°38	20°13	11°12	15°40	22°46	4°30	24°52	14°11	24°28	23°46	22°56	11°19	n.a.	W 6
T 7	0 44 18	9°26'42	13♊45	21°31	12°26	16°16	22°57	4°29	24°53	14°10	24°29	23°44	22°52	11°26	n.a.	T 7
F 8	0 48 14	10°27'05	27°56	22°52	13°41	16°52	23° 7	4°29	24°55	14° 9	24°30	23°43	22°49	11°32	n.a.	F 8
S 9	0 52 11	11°27'30	12♋ 8	24°16	14°56	17°27	23°18	4°28	24°56	14° 7	24°30	23°D43	22°46	11°39	n.a.	S 9
S 10	0 56 7	12°27'57	26°18	25°42	16°10	18° 3	23°29	4°28	24°58	14° 6	24°31	23°43	22°43	11°46	n.a.	S 10
M11	1 0 4	13°28'27	10♌25	27°10	17°25	18°38	23°39	4°27	25° 0	14° 4	24°32	23°44	22°40	11°53	n.a.	M11
T 12	1 4 0	14°28'58	24°27	28°40	18°40	19°14	23°49	4°27	25° 1	14° 3	24°32	23°46	22°37	11°59	n.a.	T 12
W13	1 7 57	15°29'32	8♍22	0♎11	19°54	19°49	24° 0	4°D27	25° 3	14° 1	24°33	23°47	22°33	12° 6	n.a.	W13
T 14	1 11 54	16°30'07	22° 7	1°43	21° 9	20°25	24°10	4°27	25° 5	14° 0	24°33	23°R48	22°30	12°13	n.a.	T 14
F 15	1 15 50	17°30'43	5♎41	3°16	22°24	21° 0	24°20	4°27	25° 7	13°59	24°34	23°47	22°27	12°19	n.a.	F 15
S 16	1 19 47	18°31'22	19° 1	4°50	23°39	21°36	24°30	4°28	25° 8	13°57	24°34	23°46	22°24	12°26	n.a.	S 16
S 17	1 23 43	19°32'02	2♏ 7	6°24	24°54	22°11	24°40	4°28	25°10	13°56	24°35	23°42	22°21	12°33	n.a.	S 17
M18	1 27 40	20°32'44	14°56	7°58	26° 9	22°46	24°50	4°29	25°12	13°55	24°35	23°38	22°17	12°40	n.a.	M18
T 19	1 31 36	21°33'27	27°30	9°33	27°24	23°21	25° 0	4°29	25°14	13°54	24°36	23°33	22°14	12°46	n.a.	T 19
W20	1 35 33	22°34'11	9♐49	11° 8	28°39	23°56	25° 9	4°30	25°16	13°52	24°36	23°28	22°11	12°53	n.a.	W20
T 21	1 39 29	23°34'57	21°56	12°43	29°54	24°31	25°19	4°31	25°18	13°51	24°36	23°24	22° 8	13° 0	n.a.	T 21
F 22	1 43 26	24°35'44	3♑54	14°19	1♏ 9	25° 6	25°28	4°32	25°20	13°50	24°37	23°21	22° 5	13° 6	n.a.	F 22
S 23	1 47 23	25°36'32	15°46	15°54	2°24	25°41	25°37	4°33	25°23	13°49	24°37	23°19	22° 2	13°13	n.a.	S 23
S 24	1 51 19	26°37'21	27°38	17°29	3°39	26°16	25°47	4°34	25°25	13°48	24°37	23°D18	21°58	13°20	n.a.	S 24
M25	1 55 16	27°38'12	9♒34	19° 4	4°54	26°51	25°56	4°35	25°27	13°46	24°37	23°19	21°55	13°27	n.a.	M25
T 26	1 59 12	28°39'03	21°39	20°39	6° 9	27°26	26° 5	4°36	25°29	13°45	24°37	23°20	21°52	13°33	n.a.	T 26
W27	2 3 9	29°39'55	3♓58	22°14	7°24	28° 0	26°14	4°38	25°32	13°44	24°38	23°22	21°49	13°40	n.a.	W27
T 28	2 7 5	0♏40'49	16°36	23°49	8°39	28°35	26°22	4°39	25°34	13°43	24°38	23°23	21°46	13°47	n.a.	T 28
F 29	2 11 2	1°41'43	29°35	25°24	9°54	29°10	26°31	4°41	25°36	13°42	24°38	23°R23	21°43	13°53	n.a.	F 29
S 30	2 14 58	2°42'39	12♈57	26°59	11°10	29°44	26°39	4°43	25°39	13°41	24°38	23°22	21°39	14° 0	n.a.	S 30
S 31	2 18 55	3♏43'35	26♈42	28♎33	12♎25	0♍19	26♌48	4♒45	25♐41	13♓40	24°R38	23♍18	21♍36	14♉ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s22	3s10	0n12	7n43	1n52	11n 8	1n27	18n34	1n25	15n24	1n 4	20s54	1s36	23s57	0s19	7s50	1s44	30n51	9n32	2n28	2n44	18s24		n.a.
S 2	1 47	0n59	1s 0	7 28	1 58	10 41	1 28	18 24	1 25	15 21	1 4	20 54	1 36	23 57	0 19	7 51	1 44	30 51	9 32	2 28	2 45	18 23		n.a.
S 3	2 11	5 11	2 10	7 10	2 2	10 14	1 29	18 14	1 26	15 17	1 4	20 54	1 36	23 57	0 19	7 52	1 44	30 52	9 32	2 28	2 47	18 23		n.a.
M 4	2 35	9 11	3 15	6 48	2 6	9 47	1 30	18 4	1 26	15 14	1 4	20 55	1 36	23 57	0 19	7 52	1 44	30 52	9 33	2 29	2 48	18 23		n.a.
T 5	2 59	12 45	4 9	6 22	2 8	9 20	1 31	17 54	1 27	15 10	1 5	20 55	1 36	23 57	0 19	7 53	1 44	30 52	9 33	2 29	2 49	18 23		n.a.
W 6	3 23	15 37	4 48	5 54	2 10	8 52	1 32	17 43	1 27	15 7	1 5	20 55	1 36	23 57	0 19	7 53	1 44	30 52	9 33	2 30	2 50	18 22		n.a.
T 7	3 47	17 35	5 11	5 24	2 10	8 24	1 33	17 33	1 28	15 3	1 5	20 55	1 36	23 57	0 19	7 54	1 44	30 52	9 34	2 31	2 52	18 22		n.a.
F 8	4 11	18 28	5 15	4 51	2 10	7 56	1 34	17 22	1 29	15 0	1 5	20 55	1 36	23 57	0 19	7 54	1 44	30 53	9 34	2 31	2 53	18 22		n.a.
S 9	4 35	18 11	5 0	4 16	2 8	7 27	1 34	17 12	1 29	14 56	1 5	20 55	1 35	23 57	0 19	7 55	1 44	30 53	9 34	2 31	2 54	18 21		n.a.
S 10	4 59	16 47	4 26	3 39	2 6	6 59	1 35	17 1	1 30	14 53	1 6	20 55	1 35	23 57	0 19	7 55	1 44	30 53	9 35	2 31	2 55	18 21		n.a.
M11	5 23	14 21	3 37	3 2	2 4	6 30	1 36	16 51	1 30	14 50	1 6	20 55	1 35	23 57	0 19	7 56	1 44	30 53	9 35	2 31	2 57	18 21		n.a.
T 12	5 47	11 6	2 35	2 22	2 0	6 0	1 36	16 40	1 31	14 46	1 6	20 55	1 35	23 57	0 19	7 57	1 44	30 53	9 35	2 30	2 58	18 21		n.a.
W13	6 10	7 14	1 24	1 42	1 57	5 31	1 36	16 29	1 31	14 43	1 6	20 55	1 35	23 57	0 19	7 57	1 44	30 54	9 36	2 30	2 59	18 20		n.a.
T 14	6 34	3 1	0 9	1 2	1 53	5 2	1 37	16 18	1 32	14 40	1 6	20 55	1 35	23 57	0 19	7 58	1 44	30 54	9 36	2 30	3 1	18 20		n.a.
F 15	6 57	1s17	1n 5	0 20	1 48	4 32	1 37	16 7	1 32	14 37	1 7	20 55	1 35	23 57	0 19	7 58	1 44	30 54	9 36	2 30	3 2	18 20		n.a.
S 16	7 21	5 28	2 14	0s22	1 43	4 2	1 37	15 56	1 33	14 34	1 7	20 54	1 35	23 57	0 19	7 59	1 44	30 54	9 37	2 30	3 3	18 19		n.a.
S 17	7 44	9 18	3 15	1 4	1 38	3 32	1 37	15 45	1 33	14 30	1 7	20 54	1 35	23 57	0 19	7 59	1 44	30 55	9 37	2 32	3 4	18 19		n.a.
M18	8 7	12 37	4 5	1 47	1 33	3 2	1 37	15 34	1 34	14 27	1 7	20 54	1 35	23 58	0 19	8 0	1 44	30 55	9 37	2 33	3 6	18 19		n.a.
T 19	8 30	15 16	4 41	2 30	1 27	2 32	1 37	15 23	1 34	14 24	1 7	20 54	1 35	23 58	0 19	8 0	1 44	30 55	9 38	2 35	3 7	18 18		n.a.
W20	8 53	17 11	5 4	3 13	1 21	2 2	1 37	15 11	1 35	14 21	1 8	20 54	1 34	23 58	0 19	8 0	1 44	30 55	9 38	2 37	3 8	18 18		n.a.
T 21	9 16	18 17	5 12	3 56	1 15	1 31	1 37	15 0	1 35	14 18	1 8	20 53	1 34	23 58	0 19	8 1	1 44	30 56	9 38	2 39	3 9	18 18		n.a.
F 22	9 38	18 33	5 7	4 39	1 9	1 1	1 37	14 49	1 36	14 15	1 8	20 53	1 34	23 58	0 19	8 1	1 43	30 56	9 39	2 40	3 11	18 17		n.a.
S 23	10 1	18 0	4 49	5 22	1 3	0 30	1 36	14 37	1 36	14 12	1 8	20 53	1 34	23 58	0 19	8 2	1 43	30 56	9 39	2 41	3 12	18 17		n.a.
S 24	10 23	16 40	4 18	6 5	0 56	0s 0	1 36	14 26	1 37	14 9	1 8	20 52	1 34	23 58	0 19	8 2	1 43	30 57	9 40	2 41	3 13	18 17		n.a.
M25	10 45	14 36	3 36	6 47	0 50	0 31	1 35	14 14	1 37	14 6	1 9	20 52	1 34	23 58	0 19	8 3	1 43	30 57	9 40	2 41	3 15	18 16		n.a.
T 26	11 7	11 52	2 44	7 30	0 43	1 1	1 35	14 2	1 38	14 3	1 9	20 51	1 34	23 58	0 19	8 3	1 43	30 57	9 40	2 41	3 16	18 16		n.a.
W27	11 29	8 34	1 44	8 12	0 36	1 32	1 34	13 51	1 38	14 0	1 9	20 51	1 34	23 58	0 19	8 3	1 43	30 58	9 41	2 40	3 17	18 16		n.a.
T 28	11 51	4 47	0 37	8 54	0 30	2 3	1 33	13 39	1 39	13 58	1 9	20 51	1 34	23 58	0 19	8 4	1 43	30 58	9 41	2 39	3 18	18 15		n.a.
F 29	12 12	0 41	0s34	9 35	0 23	2 33	1 33	13 27	1 40	13 55	1 10	20 50	1 34	23 58	0 19	8 4	1 43	30 58	9 41	2 39	3 20	18 15		n.a.
S 30	12 34	3n34	1 44	10 16	0 16	3 4	1 32	13 15	1 40	13 52	1 10	20 50	1 33	23 58	0 19	8 4	1 43	30 59	9 42	2 40	3 21	18 15		n.a.
S 31	12s55	7n46	2s51	10s56	0n10	3s34	1n31	13n 4	1n41	13n49	1n10	20s49	1s33	23s58	0s19	8s 5	1s43	30n59	9n42	2n41	3n22	18s14		n.a.

Julian Day Number = 1621252.5, Delta T = 03h47m23s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'25, Lahiri = - 7°44'25 Julian Calendar 1 Oct. 275 BCE == Greg. Calendar 27 Sept. 275 BCE

The year -274 astronomical counting style corresponds to year 275 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

NOVEMBER 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 22 51	4♏44'33	10♉47	0♏ 8	13♎40	0♍53	26♌56	4♒46	25♐44	13°R39	24°R38	23°R12	21♍33	14♑14	n.a.	M 1
T 2	2 26 48	5°45'31	25° 8	1°42	14°55	1°27	27° 4	4°49	25°46	13♓39	24♋38	23♍ 6	21°30	14°20	n.a.	T 2
W 3	2 30 45	6°46'31	9♊39	3°17	16°11	2° 2	27°12	4°51	25°49	13°38	24°38	22°58	21°27	14°27	n.a.	W 3
T 4	2 34 41	7°47'33	24°13	4°51	17°26	2°36	27°20	4°53	25°52	13°37	24°38	22°52	21°23	14°34	n.a.	T 4
F 5	2 38 38	8°48'35	8♋44	6°25	18°41	3°10	27°28	4°55	25°54	13°36	24°38	22°46	21°20	14°40	n.a.	F 5
S 6	2 42 34	9°49'39	23° 6	8° 0	19°57	3°44	27°35	4°58	25°57	13°35	24°37	22°43	21°17	14°47	n.a.	S 6
S 7	2 46 31	10°50'44	7♌17	9°34	21°12	4°18	27°43	5° 0	26° 0	13°35	24°37	22°D42	21°14	14°54	n.a.	S 7
M 8	2 50 27	11°51'50	21°15	11° 8	22°27	4°52	27°50	5° 3	26° 2	13°34	24°37	22°42	21°11	15° 1	n.a.	M 8
T 9	2 54 24	12°52'57	4♍59	12°43	23°43	5°26	27°57	5° 6	26° 5	13°33	24°37	22°43	21° 8	15° 7	n.a.	T 9
W10	2 58 21	13°54'05	18°31	14°17	24°58	5°59	28° 4	5° 9	26° 8	13°32	24°36	22°R44	21° 4	15°14	n.a.	W10
T 11	3 2 17	14°55'15	1♎51	15°52	26°13	6°33	28°11	5°12	26°11	13°32	24°36	22°44	21° 1	15°21	n.a.	T 11
F 12	3 6 14	15°56'25	14°59	17°26	27°29	7° 7	28°18	5°15	26°14	13°31	24°36	22°41	20°58	15°27	n.a.	F 12
S 13	3 10 10	16°57'36	27°56	19° 1	28°44	7°40	28°25	5°18	26°17	13°31	24°35	22°36	20°55	15°34	n.a.	S 13
S 14	3 14 7	17°58'48	10♏43	20°36	29°59	8°14	28°31	5°21	26°20	13°30	24°35	22°29	20°52	15°41	n.a.	S 14
M15	3 18 3	19° 0'00	23°18	22°10	1♏15	8°47	28°37	5°24	26°23	13°30	24°35	22°19	20°49	15°47	n.a.	M15
T 16	3 22 0	20° 1'13	5♐42	23°45	2°31	9°20	28°43	5°28	26°26	13°29	24°34	22° 7	20°45	15°54	n.a.	T 16
W17	3 25 56	21° 2'27	17°55	25°20	3°46	9°53	28°49	5°31	26°29	13°29	24°34	21°55	20°42	16° 1	n.a.	W17
T 18	3 29 53	22° 3'41	29°58	26°56	5° 1	10°26	28°55	5°35	26°32	13°28	24°33	21°44	20°39	16° 8	n.a.	T 18
F 19	3 33 50	23° 4'56	11♑54	28°31	6°17	10°59	29° 1	5°39	26°35	13°28	24°33	21°35	20°36	16°14	n.a.	F 19
S 20	3 37 46	24° 6'10	23°44	0♐ 7	7°32	11°32	29° 7	5°43	26°38	13°28	24°32	21°28	20°33	16°21	n.a.	S 20
S 21	3 41 43	25° 7'25	5♒34	1°42	8°48	12° 5	29°12	5°46	26°41	13°27	24°32	21°23	20°29	16°28	n.a.	S 21
M22	3 45 39	26° 8'40	17°27	3°18	10° 3	12°38	29°17	5°50	26°44	13°27	24°31	21°21	20°26	16°34	n.a.	M22
T 23	3 49 36	27° 9'54	29°28	4°54	11°19	13°10	29°22	5°55	26°47	13°27	24°30	21°D20	20°23	16°41	n.a.	T 23
W24	3 53 32	28°11'09	11♓43	6°30	12°34	13°43	29°27	5°59	26°50	13°27	24°30	21°21	20°20	16°48	n.a.	W24
T 25	3 57 29	29°12'24	24°17	8° 7	13°50	14°15	29°32	6° 3	26°54	13°27	24°29	21°R21	20°17	16°55	n.a.	T 25
F 26	4 1 25	0♐13'38	7♈16	9°43	15° 5	14°47	29°36	6° 7	26°57	13°27	24°28	21°20	20°14	17° 1	n.a.	F 26
S 27	4 5 22	1°14'53	20°41	11°20	16°20	15°19	29°41	6°12	27° 0	13°26	24°27	21°17	20°10	17° 8	n.a.	S 27
S 28	4 9 19	2°16'07	4♉35	12°56	17°36	15°52	29°45	6°16	27° 3	13°26	24°27	21°10	20° 7	17°15	n.a.	S 28
M29	4 13 15	3°17'22	18°56	14°33	18°51	16°24	29°49	6°21	27° 7	13°D26	24°26	21° 2	20° 4	17°21	n.a.	M29
T 30	4 17 12	4♐18'36	3♊39	16♐ 9	20♏ 7	16♍55	29♌53	6♒25	27♐10	13♓26	24♋25	20♍51	20♍ 1	17♑28	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s15	11n37	3s48	11s36	0n 3	4s 5	1n30	12n52	1n41	13n47	1n10	20s48	1s33	23s59	0s19	8s 5	1s43	30n59	9n42	2n44	3n23	18s14		n.a.
T 2	13 36	14 52	4 33	12 16	0s 4	4 35	1 29	12 40	1 42	13 44	1 11	20 48	1 33	23 59	0 19	8 5	1 43	31 0	9 43	2 46	3 25	18 14		n.a.
W 3	13 56	17 13	5 0	12 55	0 10	5 5	1 28	12 28	1 42	13 42	1 11	20 47	1 33	23 59	0 19	8 6	1 43	31 0	9 43	2 49	3 26	18 13		n.a.
T 4	14 16	18 28	5 8	13 33	0 17	5 36	1 26	12 16	1 43	13 39	1 11	20 47	1 33	23 59	0 19	8 6	1 43	31 0	9 43	2 52	3 27	18 13		n.a.
F 5	14 36	18 30	4 57	14 11	0 23	6 6	1 25	12 4	1 43	13 37	1 11	20 46	1 33	23 59	0 19	8 6	1 43	31 1	9 44	2 54	3 28	18 13		n.a.
S 6	14 56	17 21	4 26	14 48	0 30	6 36	1 24	11 52	1 44	13 34	1 12	20 45	1 33	23 59	0 19	8 6	1 43	31 1	9 44	2 55	3 30	18 12		n.a.
S 7	15 15	15 7	3 40	15 25	0 36	7 5	1 23	11 40	1 44	13 32	1 12	20 44	1 33	23 59	0 19	8 7	1 43	31 2	9 45	2 56	3 31	18 12		n.a.
M 8	15 35	12 3	2 41	16 1	0 42	7 35	1 21	11 28	1 45	13 30	1 12	20 44	1 33	23 59	0 19	8 7	1 43	31 2	9 45	2 56	3 32	18 11		n.a.
T 9	15 53	8 20	1 34	16 36	0 48	8 5	1 20	11 16	1 45	13 27	1 12	20 43	1 33	23 59	0 19	8 7	1 43	31 2	9 45	2 55	3 34	18 11		n.a.
W10	16 12	4 15	0 23	17 11	0 54	8 34	1 18	11 4	1 46	13 25	1 13	20 42	1 32	23 59	0 19	8 7	1 43	31 3	9 46	2 55	3 35	18 11		n.a.
T 11	16 30	0 0	0n49	17 44	1 0	9 3	1 17	10 52	1 47	13 23	1 13	20 41	1 32	23 59	0 19	8 8	1 43	31 3	9 46	2 55	3 36	18 10		n.a.
F 12	16 48	4s11	1 57	18 17	1 6	9 32	1 15	10 39	1 47	13 21	1 13	20 40	1 32	23 59	0 19	8 8	1 43	31 3	9 46	2 56	3 37	18 10		n.a.
S 13	17 6	8 7	2 57	18 49	1 11	10 1	1 13	10 27	1 48	13 19	1 13	20 40	1 32	24 0	0 19	8 8	1 43	31 4	9 47	2 58	3 39	18 9		n.a.
S 14	17 24	11 37	3 48	19 20	1 16	10 29	1 12	10 15	1 48	13 17	1 14	20 39	1 32	24 0	0 19	8 8	1 43	31 4	9 47	3 1	3 40	18 9		n.a.
M15	17 41	14 31	4 26	19 51	1 22	10 57	1 10	10 3	1 49	13 15	1 14	20 38	1 32	24 0	0 19	8 8	1 42	31 5	9 47	3 5	3 41	18 9		n.a.
T 16	17 57	16 44	4 52	20 20	1 27	11 25	1 8	9 51	1 49	13 13	1 14	20 37	1 32	24 0	0 19	8 8	1 42	31 5	9 48	3 10	3 42	18 8		n.a.
W17	18 14	18 8	5 3	20 48	1 31	11 53	1 6	9 39	1 50	13 11	1 14	20 36	1 32	24 0	0 19	8 9	1 42	31 6	9 48	3 14	3 44	18 8		n.a.
T 18	18 30	18 43	5 1	21 16	1 36	12 20	1 4	9 26	1 50	13 9	1 15	20 35	1 32	24 0	0 19	8 9	1 42	31 6	9 48	3 19	3 45	18 7		n.a.
F 19	18 46	18 27	4 45	21 42	1 40	12 48	1 2	9 14	1 51	13 7	1 15	20 34	1 32	24 0	0 19	8 9	1 42	31 6	9 49	3 23	3 46	18 7		n.a.
S 20	19 1	17 23	4 17	22 7	1 45	13 14	1 1	9 2	1 51	13 6	1 15	20 33	1 32	24 0	0 19	8 9	1 42	31 7	9 49	3 26	3 47	18 7		n.a.
S 21	19 16	15 34	3 39	22 31	1 48	13 41	0 58	8 50	1 52	13 4	1 16	20 32	1 32	24 0	0 19	8 9	1 42	31 7	9 49	3 27	3 49	18 6		n.a.
M22	19 31	13 5	2 50	22 54	1 52	14 7	0 56	8 38	1 53	13 2	1 16	20 31	1 31	24 0	0 19	8 9	1 42	31 8	9 50	3 28	3 50	18 6		n.a.
T 23	19 46	10 1	1 54	23 15	1 55	14 33	0 54	8 26	1 53	13 1	1 16	20 30	1 31	24 0	0 19	8 9	1 42	31 8	9 50	3 28	3 51	18 5		n.a.
W24	20 0	6 28	0 51	23 36	1 58	14 58	0 52	8 14	1 54	12 59	1 16	20 29	1 31	24 0	0 19	8 9	1 42	31 9	9 50	3 28	3 52	18 5		n.a.
T 25	20 13	2 32	0s16	23 55	2 1	15 23	0 50	8 1	1 54	12 58	1 17	20 27	1 31	24 0	0 19	8 9	1 42	31 9	9 51	3 28	3 54	18 5		n.a.
F 26	20 26	1n38	1 24	24 12	2 3	15 47	0 48	7 49	1 55	12 57	1 17	20 26	1 31	24 1	0 19	8 9	1 42	31 9	9 51	3 29	3 55	18 4		n.a.
S 27	20 39	5 52	2 29	24 28	2 5	16 12	0 46	7 37	1 55	12 55	1 17	20 25	1 31	24 1	0 19	8 9	1 42	31 10	9 51	3 30	3 56	18 4		n.a.
S 28	20 52	9 56	3 28	24 43	2 7	16 35	0 43	7 25	1 56	12 54	1 18	20 24	1 31	24 1	0 19	8 9	1 42	31 10	9 51	3 32	3 58	18 3		n.a.
M29	21 4	13 34	4 16	24 56	2 8	16 59	0 41	7 13	1 57	12 53	1 18	20 23	1 31	24 1	0 19	8 9	1 42	31 11	9 52	3 36	3 59	18 3		n.a.
T 30	21s16	16n25	4s48	25s 8	2s 9	17s21	0n39	7n 1	1n57	12n52	1n18	20s21	1s31	24s 1	0s19	8s 9	1s42	31n11	9n52	3n40	4n 0	18s 2		n.a.

Julian Day Number = 1621283.5, Delta T = 03h47m22s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'21, Lahiri = - 7°44'21 Julian Calendar 1 Nov. 275 BCE == Greg. Calendar 28 Oct. 275 BCE

The year -274 astronomical counting style corresponds to year 275 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 275 BCE
geocentric

DECEMBER 275 BCE (-274) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 21 8	5♐19'51	18♊36	17♐46	21♏22	17♍27	29♌56	6♒30	27♐13	13♓26	24°R24	20°R40	19♍58	17♉35	n.a.	W 1
T 2	4 25 5	6°21'05	3♋38	19°22	22°38	17°59	29°59	6°35	27°17	13°27	24♋23	20♍29	19°55	17°42	n.a.	T 2
F 3	4 29 1	7°22'20	18°35	20°58	23°53	18°30	0♍ 3	6°40	27°20	13°27	24°22	20°19	19°51	17°48	n.a.	F 3
S 4	4 32 58	8°23'34	3♌19	22°33	25° 8	19° 2	0° 6	6°45	27°24	13°27	24°22	20°13	19°48	17°55	n.a.	S 4
S 5	4 36 54	9°24'49	17°44	24° 8	26°24	19°33	0° 9	6°50	27°27	13°27	24°21	20° 9	19°45	18° 2	n.a.	S 5
M 6	4 40 51	10°26'04	1♍48	25°42	27°39	20° 4	0°12	6°55	27°30	13°27	24°20	20° 8	19°42	18° 8	n.a.	M 6
T 7	4 44 48	11°27'18	15°30	27°15	28°55	20°35	0°15	7° 0	27°34	13°28	24°19	20° 7	19°39	18°15	n.a.	T 7
W 8	4 48 44	12°28'33	28°52	28°46	0♐10	21° 6	0°17	7° 5	27°37	13°28	24°18	20° 7	19°35	18°22	n.a.	W 8
T 9	4 52 41	13°29'48	11♎57	0♑17	1°25	21°37	0°19	7°11	27°41	13°28	24°17	20° 6	19°32	18°28	n.a.	T 9
F 10	4 56 37	14°31'02	24°47	1°45	2°41	22° 7	0°21	7°16	27°44	13°29	24°16	20° 2	19°29	18°35	n.a.	F 10
S 11	5 0 34	15°32'17	7♏26	3°11	3°56	22°38	0°23	7°22	27°48	13°29	24°14	19°55	19°26	18°42	n.a.	S 11
S 12	5 4 30	16°33'31	19°54	4°34	5°12	23° 8	0°25	7°27	27°51	13°29	24°13	19°45	19°23	18°49	n.a.	S 12
M13	5 8 27	17°34'45	2♐13	5°54	6°27	23°38	0°26	7°33	27°55	13°30	24°12	19°32	19°20	18°55	n.a.	M13
T 14	5 12 24	18°35'58	14°24	7°10	7°43	24° 8	0°28	7°38	27°58	13°30	24°11	19°18	19°16	19° 2	n.a.	T 14
W15	5 16 20	19°37'11	26°28	8°22	8°58	24°38	0°29	7°44	28° 2	13°31	24°10	19° 2	19°13	19° 9	n.a.	W15
T 16	5 20 17	20°38'23	8♑26	9°28	10°13	25° 8	0°30	7°50	28° 5	13°32	24° 9	18°48	19°10	19°15	n.a.	T 16
F 17	5 24 13	21°39'35	20°18	10°28	11°29	25°38	0°30	7°56	28° 9	13°32	24° 8	18°35	19° 7	19°22	n.a.	F 17
S 18	5 28 10	22°40'45	2♒ 8	11°22	12°44	26° 7	0°31	8° 2	28°12	13°33	24° 6	18°25	19° 4	19°29	n.a.	S 18
S 19	5 32 6	23°41'55	13°56	12° 7	13°59	26°36	0°31	8° 8	28°16	13°33	24° 5	18°17	19° 1	19°36	n.a.	S 19
M20	5 36 3	24°43'04	25°48	12°44	15°15	27° 5	0°R31	8°14	28°19	13°34	24° 4	18°13	18°57	19°42	n.a.	M20
T 21	5 39 59	25°44'11	7♓47	13°12	16°30	27°34	0°31	8°20	28°23	13°35	24° 3	18°12	18°54	19°49	n.a.	T 21
W22	5 43 56	26°45'18	19°58	13°29	17°45	28° 3	0°31	8°26	28°26	13°36	24° 1	18°11	18°51	19°56	n.a.	W22
T 23	5 47 53	27°46'23	2♈27	13°R36	19° 1	28°31	0°31	8°32	28°30	13°37	24° 0	18°11	18°48	20° 2	n.a.	T 23
F 24	5 51 49	28°47'28	15°19	13°31	20°16	29° 0	0°30	8°38	28°34	13°37	23°59	18°10	18°45	20° 9	n.a.	F 24
S 25	5 55 46	29°48'31	28°38	13°14	21°31	29°28	0°29	8°45	28°37	13°38	23°58	18° 7	18°41	20°16	n.a.	S 25
S 26	5 59 42	0♑49'32	12♉27	12°46	22°47	29°56	0°28	8°51	28°41	13°39	23°56	18° 2	18°38	20°22	n.a.	S 26
M27	6 3 39	1°50'33	26°47	12° 7	24° 2	0♎24	0°27	8°57	28°44	13°40	23°55	17°54	18°35	20°29	n.a.	M27
T 28	6 7 35	2°51'32	11♊34	11°18	25°17	0°51	0°26	9° 4	28°48	13°41	23°54	17°44	18°32	20°36	n.a.	T 28
W29	6 11 32	3°52'31	26°42	10°21	26°32	1°19	0°24	9°10	28°51	13°42	23°52	17°32	18°29	20°43	n.a.	W29
T 30	6 15 28	4°53'28	12♋ 0	9°16	27°48	1°46	0°22	9°17	28°55	13°43	23°51	17°22	18°26	20°49	n.a.	T 30
F 31	6 19 25	5♑54'24	27♋16	8♑ 6	29♐ 3	2♎13	0♍20	9♒24	28♐58	13♓44	23♋49	17♍12	18♍22	20♑56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21s27	18n14	5s 1	25s18	2s 9	17s44	0n37	6n49	1n58	12n51	1n18	20s20	1s31	24s 1	0s19	8s 9	1s42	31n12	9n52	3n45	4n 1	18s 2			n.a.
T 2	21 38	18 47	4 53	25 26	2 9	18 6	0 34	6 37	1 58	12 50	1 19	20 19	1 31	24 1	0 19	8 9	1 42	31 12	9 53	3 49	4 3	18 1			n.a.
F 3	21 48	18 2	4 26	25 32	2 8	18 27	0 32	6 25	1 59	12 49	1 19	20 17	1 31	24 1	0 19	8 9	1 42	31 13	9 53	3 53	4 4	18 1			n.a.
S 4	21 58	16 4	3 41	25 37	2 6	18 48	0 30	6 13	1 59	12 48	1 19	20 16	1 31	24 1	0 19	8 8	1 42	31 13	9 53	3 55	4 5	18 1			n.a.
S 5	22 8	13 8	2 42	25 40	2 4	19 8	0 27	6 1	2 0	12 47	1 20	20 15	1 31	24 1	0 19	8 8	1 41	31 14	9 54	3 57	4 6	18 0			n.a.
M 6	22 17	9 29	1 35	25 41	2 2	19 28	0 25	5 49	2 1	12 47	1 20	20 13	1 30	24 1	0 19	8 8	1 41	31 14	9 54	3 57	4 8	18 0			n.a.
T 7	22 25	5 25	0 24	25 40	1 58	19 47	0 22	5 38	2 1	12 46	1 20	20 12	1 30	24 1	0 19	8 8	1 41	31 15	9 54	3 57	4 9	17 59			n.a.
W 8	22 34	1 10	0n46	25 38	1 54	20 6	0 20	5 26	2 2	12 45	1 21	20 11	1 30	24 1	0 19	8 8	1 41	31 15	9 54	3 58	4 10	17 59			n.a.
T 9	22 42	3s 3	1 53	25 33	1 49	20 24	0 18	5 14	2 2	12 45	1 21	20 9	1 30	24 1	0 19	8 8	1 41	31 15	9 55	3 58	4 11	17 58			n.a.
F 10	22 49	7 3	2 52	25 27	1 44	20 42	0 15	5 2	2 3	12 44	1 21	20 8	1 30	24 2	0 19	8 8	1 41	31 16	9 55	4 0	4 13	17 58			n.a.
S 11	22 56	10 40	3 42	25 18	1 37	20 59	0 13	4 51	2 3	12 44	1 21	20 6	1 30	24 2	0 19	8 7	1 41	31 16	9 55	4 2	4 14	17 57			n.a.
S 12	23 2	13 45	4 20	25 8	1 30	21 15	0 10	4 39	2 4	12 44	1 22	20 5	1 30	24 2	0 19	8 7	1 41	31 17	9 55	4 6	4 15	17 57			n.a.
M13	23 8	16 11	4 46	24 57	1 21	21 31	0 8	4 27	2 5	12 44	1 22	20 3	1 30	24 2	0 19	8 7	1 41	31 17	9 56	4 11	4 16	17 56			n.a.
T 14	23 14	17 52	4 58	24 44	1 12	21 46	0 5	4 16	2 5	12 43	1 22	20 2	1 30	24 2	0 19	8 7	1 41	31 18	9 56	4 17	4 18	17 56			n.a.
W15	23 19	18 44	4 57	24 29	1 2	22 1	0 3	4 5	2 6	12 43	1 23	20 0	1 30	24 2	0 19	8 6	1 41	31 18	9 56	4 23	4 19	17 55			n.a.
T 16	23 23	18 46	4 42	24 13	0 50	22 14	0 1	3 53	2 6	12 43	1 23	19 59	1 30	24 2	0 19	8 6	1 41	31 19	9 56	4 29	4 20	17 55			n.a.
F 17	23 28	17 58	4 15	23 56	0 37	22 28	0s 2	3 42	2 7	12 43	1 23	19 57	1 30	24 2	0 19	8 6	1 41	31 19	9 57	4 34	4 21	17 54			n.a.
S 18	23 31	16 23	3 38	23 38	0 24	22 40	0 4	3 31	2 8	12 43	1 24	19 55	1 30	24 2	0 19	8 5	1 41	31 20	9 57	4 38	4 23	17 54			n.a.
S 19	23 34	14 7	2 50	23 19	0 9	22 52	0 7	3 19	2 8	12 44	1 24	19 54	1 30	24 2	0 19	8 5	1 41	31 20	9 57	4 41	4 24	17 53			n.a.
M20	23 37	11 16	1 56	23 0	0n 7	23 3	0 9	3 8	2 9	12 44	1 24	19 52	1 30	24 2	0 19	8 5	1 41	31 21	9 57	4 43	4 25	17 53			n.a.
T 21	23 39	7 54	0 55	22 40	0 23	23 13	0 12	2 57	2 9	12 44	1 25	19 50	1 30	24 2	0 19	8 4	1 41	31 21	9 58	4 43	4 27	17 52			n.a.
W22	23 41	4 10	0s 9	22 21	0 41	23 23	0 14	2 46	2 10	12 44	1 25	19 49	1 30	24 2	0 19	8 4	1 41	31 21	9 58	4 43	4 28	17 52			n.a.
T 23	23 42	0 9	1 15	22 3	0 59	23 32	0 16	2 35	2 11	12 45	1 25	19 47	1 30	24 2	0 19	8 4	1 41	31 22	9 58	4 43	4 29	17 51			n.a.
F 24	23 43	3n59	2 18	21 45	1 18	23 40	0 19	2 24	2 11	12 45	1 25	19 45	1 30	24 2	0 19	8 3	1 40	31 22	9 58	4 44	4 30	17 51			n.a.
S 25	23 44	8 3	3 17	21 28	1 36	23 48	0 21	2 13	2 12	12 46	1 26	19 44	1 30	24 2	0 19	8 3	1 40	31 23	9 58	4 45	4 32	17 50			n.a.
S 26	23 43	11 52	4 6	21 12	1 55	23 55	0 23	2 3	2 12	12 47	1 26	19 42	1 30	24 2	0 19	8 3	1 40	31 23	9 59	4 47	4 33	17 50			n.a.
M27	23 43	15 6	4 41	20 57	2 13	24 1	0 26	1 52	2 13	12 47	1 26	19 40	1 30	24 2	0 19	8 2	1 40	31 24	9 59	4 50	4 34	17 49			n.a.
T 28	23 42	17 30	5 0	20 44	2 30	24 6	0 28	1 42	2 13	12 48	1 27	19 39	1 30	24 3	0 19	8 2	1 40	31 24	9 59	4 54	4 35	17 49			n.a.
W29	23 40	18 44	4 58	20 33	2 46	24 11	0 30	1 31	2 14	12 49	1 27	19 37	1 30	24 3	0 19	8 1	1 40	31 25	9 59	4 59	4 37	17 48			n.a.
T 30	23 38	18 37	4 34	20 23	3 1	24 15	0 32	1 21	2 15	12 50	1 27	19 35	1 29	24 3	0 19	8 1	1 40	31 25	9 59	5 3	4 38	17 48			n.a.
F 31	23s36	17n10	3s52	20s16	3n13	24s18	0s34	1n10	2n15	12n51	1n28	19s33	1s29	24s 3	0s19	8s 0	1s40	31n25	10n 0	5n 7	4n39	17s47			n.a.

Julian Day Number = 1621313.5, Delta T = 03h47m21s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'17, Lahiri = - 7°44'17 Julian Calendar 1 Dec. 275 BCE == Greg. Calendar 27 Nov. 275 BCE

The year -274 astronomical counting style corresponds to year 275 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

JANUARY 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 23 22	6♉55'19	12♌21	6°R52	0♉18	2♎40	0°R18	9♒30	29♐ 2	13♓45	23°R48	17°R 6	18♍19	21♉ 3	n.a.	S 1
S 2	6 27 18	7°56'12	27° 6	5♉38	1°33	3° 6	0♍16	9°37	29° 5	13°47	23♋47	17♍ 2	18°16	21° 9	n.a.	S 2
M 3	6 31 15	8°57'05	11♍25	4°25	2°48	3°32	0°13	9°44	29° 9	13°48	23°45	17°D 0	18°13	21°16	n.a.	M 3
T 4	6 35 11	9°57'57	25°17	3°15	4° 4	3°58	0°11	9°50	29°12	13°49	23°44	17° 0	18°10	21°23	n.a.	T 4
W 5	6 39 8	10°58'47	8♎44	2°10	5°19	4°24	0° 8	9°57	29°16	13°50	23°42	17°R 1	18° 6	21°29	n.a.	W 5
T 6	6 43 4	11°59'37	21°47	1°11	6°34	4°50	0° 5	10° 4	29°19	13°51	23°41	17° 0	18° 3	21°36	n.a.	T 6
F 7	6 47 1	13° 0'26	4♏32	0°19	7°49	5°15	0° 1	10°11	29°23	13°53	23°40	16°58	18° 0	21°43	n.a.	F 7
S 8	6 50 57	14° 1'13	17° 0	29♐34	9° 4	5°40	29♌58	10°18	29°26	13°54	23°38	16°53	17°57	21°50	n.a.	S 8
S 9	6 54 54	15° 1'59	29°17	28°58	10°19	6° 5	29°54	10°25	29°30	13°55	23°37	16°46	17°54	21°56	n.a.	S 9
M10	6 58 51	16° 2'44	11♐24	28°30	11°35	6°30	29°50	10°32	29°33	13°57	23°35	16°36	17°51	22° 3	n.a.	M10
T 11	7 2 47	17° 3'28	23°25	28°10	12°50	6°54	29°46	10°39	29°37	13°58	23°34	16°24	17°47	22°10	n.a.	T 11
W12	7 6 44	18° 4'10	5♉21	27°58	14° 5	7°18	29°42	10°46	29°40	13°59	23°32	16°12	17°44	22°16	n.a.	W12
T 13	7 10 40	19° 4'51	17°13	27°D54	15°20	7°42	29°38	10°53	29°43	14° 1	23°31	16° 1	17°41	22°23	n.a.	T 13
F 14	7 14 37	20° 5'30	29° 4	27°56	16°35	8° 5	29°34	11° 0	29°47	14° 2	23°29	15°50	17°38	22°30	n.a.	F 14
S 15	7 18 33	21° 6'08	10♒54	28° 6	17°50	8°29	29°29	11° 7	29°50	14° 4	23°28	15°42	17°35	22°36	n.a.	S 15
S 16	7 22 30	22° 6'44	22°45	28°22	19° 5	8°51	29°24	11°14	29°53	14° 5	23°26	15°37	17°32	22°43	n.a.	S 16
M17	7 26 26	23° 7'18	4♓40	28°44	20°20	9°14	29°19	11°22	29°57	14° 7	23°25	15°34	17°28	22°50	n.a.	M17
T 18	7 30 23	24° 7'50	16°43	29°11	21°35	9°36	29°14	11°29	0♉ 0	14° 9	23°23	15°D33	17°25	22°57	n.a.	T 18
W19	7 34 20	25° 8'20	28°56	29°43	22°50	9°58	29° 9	11°36	0° 3	14°10	23°22	15°34	17°22	23° 3	n.a.	W19
T 20	7 38 16	26° 8'48	11♈25	0♉20	24° 5	10°20	29° 3	11°43	0° 7	14°12	23°20	15°35	17°19	23°10	n.a.	T 20
F 21	7 42 13	27° 9'14	24°13	1° 1	25°20	10°41	28°58	11°51	0°10	14°14	23°19	15°R36	17°16	23°17	n.a.	F 21
S 22	7 46 9	28° 9'38	7♉25	1°46	26°35	11° 2	28°52	11°58	0°13	14°15	23°17	15°36	17°12	23°23	n.a.	S 22
S 23	7 50 6	29°10'00	21° 4	2°35	27°50	11°22	28°46	12° 5	0°16	14°17	23°16	15°34	17° 9	23°30	n.a.	S 23
M24	7 54 2	0♒10'20	5♊12	3°27	29° 5	11°42	28°40	12°12	0°20	14°19	23°15	15°29	17° 6	23°37	n.a.	M24
T 25	7 57 59	1°10'38	19°47	4°22	0♒20	12° 2	28°34	12°20	0°23	14°20	23°13	15°24	17° 3	23°43	n.a.	T 25
W26	8 1 55	2°10'54	4♋45	5°21	1°35	12°22	28°28	12°27	0°26	14°22	23°12	15°17	17° 0	23°50	n.a.	W26
T 27	8 5 52	3°11'08	19°58	6°21	2°50	12°41	28°22	12°35	0°29	14°24	23°10	15°11	16°57	23°57	n.a.	T 27
F 28	8 9 49	4°11'20	5♌16	7°25	4° 5	12°59	28°15	12°42	0°32	14°26	23° 9	15° 5	16°53	24° 4	n.a.	F 28
S 29	8 13 45	5°11'30	20°28	8°31	5°20	13°18	28° 9	12°49	0°35	14°28	23° 7	15° 1	16°50	24°10	n.a.	S 29
S 30	8 17 42	6°11'38	5♍25	9°38	6°34	13°35	28° 2	12°57	0°38	14°29	23° 6	14°59	16°47	24°17	n.a.	S 30
M31	8 21 38	7♒11'44	19♍58	10♉49	7♒49	13♎53	27♌55	13♒ 4	0♉41	14♓31	23♋ 4	14°D59	16♍44	24♉24	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s33	14n32	2s53	20s 9	3n24	24s20	0s37	1n 0	2n16	12n52	1n28	19s31	1s29	24s 3	0s19	8s 0	1s40	31n26	10n 0	5n 9	4n40	17s47		n.a.
S 2	23 29	11 0	1 44	20 5	3 32	24 22	0 39	0 50	2 16	12 53	1 28	19 29	1 29	24 3	0 19	7 59	1 40	31 26	10 0	5 11	4 42	17 46		n.a.
M 3	23 25	6 55	0 30	20 2	3 37	24 23	0 41	0 40	2 17	12 54	1 28	19 28	1 29	24 3	0 19	7 59	1 40	31 27	10 0	5 12	4 43	17 45		n.a.
T 4	23 21	2 34	0n44	20 1	3 40	24 23	0 43	0 30	2 18	12 55	1 29	19 26	1 29	24 3	0 19	7 58	1 40	31 27	10 0	5 11	4 44	17 45		n.a.
W 5	23 16	1s46	1 53	20 1	3 41	24 22	0 45	0 20	2 18	12 57	1 29	19 24	1 29	24 3	0 19	7 58	1 40	31 27	10 0	5 11	4 45	17 44		n.a.
T 6	23 11	5 54	2 54	20 3	3 40	24 20	0 47	0 11	2 19	12 58	1 29	19 22	1 29	24 3	0 19	7 57	1 40	31 28	10 1	5 11	4 47	17 44		n.a.
F 7	23 5	9 39	3 45	20 7	3 37	24 18	0 49	0 1	2 19	13 0	1 30	19 20	1 29	24 3	0 19	7 57	1 40	31 28	10 1	5 12	4 48	17 43		n.a.
S 8	22 59	12 54	4 24	20 12	3 32	24 15	0 51	0s 9	2 20	13 1	1 30	19 18	1 29	24 3	0 19	7 56	1 40	31 29	10 1	5 14	4 49	17 43		n.a.
S 9	22 52	15 31	4 50	20 18	3 25	24 12	0 53	0 18	2 21	13 3	1 30	19 16	1 29	24 3	0 19	7 56	1 40	31 29	10 1	5 17	4 50	17 42		n.a.
M10	22 45	17 26	5 2	20 26	3 17	24 7	0 54	0 27	2 21	13 4	1 30	19 14	1 29	24 3	0 19	7 55	1 40	31 29	10 1	5 21	4 52	17 42		n.a.
T 11	22 37	18 33	5 1	20 34	3 9	24 2	0 56	0 36	2 22	13 6	1 31	19 12	1 29	24 3	0 19	7 55	1 40	31 30	10 1	5 26	4 53	17 41		n.a.
W12	22 29	18 50	4 47	20 44	2 59	23 56	0 58	0 45	2 22	13 8	1 31	19 10	1 29	24 3	0 19	7 54	1 40	31 30	10 1	5 30	4 54	17 40		n.a.
T 13	22 21	18 18	4 20	20 54	2 49	23 49	1 0	0 54	2 23	13 9	1 31	19 9	1 29	24 3	0 19	7 53	1 40	31 31	10 1	5 35	4 55	17 40		n.a.
F 14	22 12	16 58	3 43	21 5	2 38	23 42	1 1	1 3	2 23	13 11	1 31	19 7	1 29	24 3	0 19	7 53	1 40	31 31	10 1	5 39	4 57	17 39		n.a.
S 15	22 3	14 54	2 55	21 16	2 27	23 34	1 3	1 12	2 24	13 13	1 32	19 5	1 29	24 3	0 20	7 52	1 39	31 31	10 2	5 42	4 58	17 39		n.a.
S 16	21 53	12 13	1 59	21 28	2 15	23 25	1 5	1 20	2 25	13 15	1 32	19 3	1 29	24 3	0 20	7 52	1 39	31 32	10 2	5 44	4 59	17 38		n.a.
M17	21 43	9 1	0 58	21 39	2 4	23 15	1 6	1 29	2 25	13 17	1 32	19 1	1 29	24 3	0 20	7 51	1 39	31 32	10 2	5 45	5 0	17 38		n.a.
T 18	21 33	5 24	0s 6	21 51	1 52	23 5	1 8	1 37	2 26	13 19	1 33	18 59	1 29	24 3	0 20	7 50	1 39	31 32	10 2	5 46	5 2	17 37		n.a.
W19	21 22	1 31	1 12	22 3	1 41	22 54	1 9	1 45	2 26	13 21	1 33	18 57	1 29	24 3	0 20	7 50	1 39	31 33	10 2	5 45	5 3	17 36		n.a.
T 20	21 10	2n30	2 15	22 14	1 29	22 42	1 10	1 53	2 27	13 23	1 33	18 54	1 30	24 3	0 20	7 49	1 39	31 33	10 2	5 45	5 4	17 36		n.a.
F 21	20 59	6 30	3 13	22 25	1 18	22 30	1 12	2 1	2 27	13 26	1 33	18 52	1 30	24 3	0 20	7 48	1 39	31 33	10 2	5 44	5 5	17 35		n.a.
S 22	20 47	10 19	4 3	22 36	1 7	22 17	1 13	2 9	2 28	13 28	1 33	18 50	1 30	24 3	0 20	7 48	1 39	31 34	10 2	5 45	5 7	17 35		n.a.
S 23	20 34	13 43	4 41	22 46	0 56	22 3	1 14	2 17	2 29	13 30	1 34	18 48	1 30	24 3	0 20	7 47	1 39	31 34	10 2	5 45	5 8	17 34		n.a.
M24	20 21	16 26	5 4	22 56	0 45	21 49	1 15	2 24	2 29	13 32	1 34	18 46	1 30	24 3	0 20	7 46	1 39	31 34	10 2	5 47	5 9	17 33		n.a.
T 25	20 8	18 12	5 8	23 5	0 34	21 34	1 16	2 31	2 30	13 35	1 34	18 44	1 30	24 3	0 20	7 45	1 39	31 35	10 2	5 49	5 10	17 33		n.a.
W26	19 55	18 47	4 52	23 13	0 24	21 18	1 17	2 38	2 30	13 37	1 34	18 42	1 30	24 3	0 20	7 45	1 39	31 35	10 2	5 52	5 12	17 32		n.a.
T 27	19 41	18 2	4 14	23 20	0 14	21 2	1 18	2 45	2 31	13 40	1 35	18 40	1 30	24 3	0 20	7 44	1 39	31 35	10 2	5 55	5 13	17 31		n.a.
F 28	19 26	15 58	3 19	23 27	0 4	20 45	1 19	2 52	2 31	13 42	1 35	18 38	1 30	24 3	0 20	7 43	1 39	31 36	10 2	5 57	5 14	17 31		n.a.
S 29	19 12	12 48	2 9	23 32	0s 6	20 27	1 20	2 59	2 32	13 45	1 35	18 36	1 30	24 3	0 20	7 42	1 39	31 36	10 2	5 58	5 15	17 30		n.a.
S 30	18 57	8 50	0 52	23 37	0 15	20 9	1 21	3 6	2 32	13 47	1 35	18 34	1 30	24 3	0 20	7 42	1 39	31 36	10 2	5 59	5 17	17 30		n.a.
M31	18s42	4n26	0n27	23s40	0s24	19s51	1s22	3s12	2n33	13n50	1n35	18s32	1s30	24s 3	0s20	7s41	1s39	31n36	10n 2	5n59	5n18	17s29		n.a.

Julian Day Number = 1621344.5, Delta T = 03h47m20s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'13, Lahiri = - 7°44'12 Julian Calendar 1 Jan. 274 BCE == Greg. Calendar 28 Dec. 275 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

FEBRUARY 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 35	8♒11'48	4♎ 3	12♑ 1	9♒ 4	14♎10	27°R48	13♒12	0♑44	14♓33	23°R 3	15♍ 0	16♍41	24♑30	n.a.	T 1
W 2	8 29 31	9°11'51	17°41	13°14	10°19	14°26	27♌41	13°19	0°47	14°35	23♋ 2	15° 1	16°38	24°37	n.a.	W 2
T 3	8 33 28	10°11'52	0♏53	14°30	11°34	14°43	27°34	13°26	0°50	14°37	23° 0	15° 2	16°34	24°44	n.a.	T 3
F 4	8 37 24	11°11'52	13°41	15°47	12°48	14°58	27°27	13°34	0°53	14°39	22°59	15°R 3	16°31	24°50	n.a.	F 4
S 5	8 41 21	12°11'49	26°10	17° 6	14° 3	15°13	27°20	13°41	0°56	14°41	22°57	15° 2	16°28	24°57	n.a.	S 5
S 6	8 45 18	13°11'45	8♐24	18°27	15°18	15°28	27°13	13°49	0°59	14°43	22°56	14°59	16°25	25° 4	n.a.	S 6
M 7	8 49 14	14°11'39	20°26	19°49	16°33	15°42	27° 5	13°56	1° 2	14°45	22°55	14°55	16°22	25°11	n.a.	M 7
T 8	8 53 11	15°11'31	2♑21	21°12	17°47	15°56	26°58	14° 4	1° 5	14°47	22°53	14°50	16°18	25°17	n.a.	T 8
W 9	8 57 7	16°11'22	14°12	22°37	19° 2	16° 9	26°50	14°11	1° 7	14°49	22°52	14°45	16°15	25°24	n.a.	W 9
T 10	9 1 4	17°11'10	26° 2	24° 3	20°17	16°22	26°43	14°19	1°10	14°51	22°51	14°40	16°12	25°31	n.a.	T 10
F 11	9 5 0	18°10'57	7♒53	25°31	21°31	16°34	26°35	14°26	1°13	14°53	22°49	14°36	16° 9	25°37	n.a.	F 11
S 12	9 8 57	19°10'41	19°46	27° 0	22°46	16°45	26°28	14°33	1°15	14°55	22°48	14°32	16° 6	25°44	n.a.	S 12
S 13	9 12 53	20°10'23	1♓44	28°30	24° 1	16°56	26°20	14°41	1°18	14°57	22°47	14°30	16° 3	25°51	n.a.	S 13
M14	9 16 50	21°10'03	13°48	0♒ 2	25°15	17° 7	26°12	14°48	1°21	14°59	22°45	14°D30	15°59	25°57	n.a.	M14
T 15	9 20 47	22° 9'41	26° 1	1°35	26°30	17°16	26° 4	14°56	1°23	15° 1	22°44	14°30	15°56	26° 4	n.a.	T 15
W16	9 24 43	23° 9'16	8♈25	3° 9	27°45	17°26	25°57	15° 3	1°26	15° 4	22°43	14°31	15°53	26°11	n.a.	W16
T 17	9 28 40	24° 8'49	21° 3	4°44	28°59	17°34	25°49	15°11	1°28	15° 6	22°42	14°33	15°50	26°17	n.a.	T 17
F 18	9 32 36	25° 8'20	3♉56	6°21	0♓14	17°42	25°41	15°18	1°31	15° 8	22°40	14°34	15°47	26°24	n.a.	F 18
S 19	9 36 33	26° 7'49	17° 9	7°59	1°28	17°50	25°33	15°25	1°33	15°10	22°39	14°35	15°44	26°31	n.a.	S 19
S 20	9 40 29	27° 7'15	0♊42	9°38	2°43	17°56	25°26	15°33	1°35	15°12	22°38	14°R35	15°40	26°37	n.a.	S 20
M21	9 44 26	28° 6'38	14°39	11°19	3°57	18° 2	25°18	15°40	1°38	15°14	22°37	14°35	15°37	26°44	n.a.	M21
T 22	9 48 22	29° 5'59	28°57	13° 0	5°12	18° 8	25°10	15°47	1°40	15°17	22°36	14°33	15°34	26°51	n.a.	T 22
W23	9 52 19	0♓ 5'18	13♋36	14°44	6°26	18°13	25° 2	15°55	1°42	15°19	22°35	14°32	15°31	26°58	n.a.	W23
T 24	9 56 15	1° 4'34	28°29	16°28	7°41	18°17	24°55	16° 2	1°44	15°21	22°33	14°30	15°28	27° 4	n.a.	T 24
F 25	10 0 12	2° 3'48	13♌30	18°14	8°55	18°20	24°47	16° 9	1°47	15°23	22°32	14°29	15°24	27°11	n.a.	F 25
S 26	10 4 9	3° 3'00	28°30	20° 1	10° 9	18°23	24°39	16°16	1°49	15°25	22°31	14°28	15°21	27°18	n.a.	S 26
S 27	10 8 5	4° 2'10	13♍21	21°50	11°24	18°25	24°32	16°24	1°51	15°28	22°30	14°D27	15°18	27°24	n.a.	S 27
M28	10 12 2	5♓ 1'17	27♍55	23♒39	12♓38	18♎26	24♌24	16♒31	1♑53	15♓30	22♋29	14♍28	15♍15	27♑31	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s26	0s 4	1n42	23s43	0s32	19s31	1s22	3s18	2n33	13n52	1n35	18s30	1s30	24s 3	0s20	7s40	1s39	31n37	10n 2	5n59	5n19	17s28		n.a.
W 2	18 10	4 26	2 49	23 44	0 41	19 12	1 23	3 24	2 34	13 55	1 36	18 27	1 30	24 3	0 20	7 39	1 39	31 37	10 2	5 58	5 20	17 28		n.a.
T 3	17 54	8 25	3 44	23 44	0 49	18 51	1 23	3 30	2 34	13 57	1 36	18 25	1 30	24 3	0 20	7 39	1 39	31 37	10 2	5 58	5 22	17 27		n.a.
F 4	17 37	11 53	4 27	23 43	0 56	18 31	1 24	3 36	2 35	14 0	1 36	18 23	1 30	24 3	0 20	7 38	1 39	31 37	10 2	5 58	5 23	17 26		n.a.
S 5	17 21	14 44	4 56	23 40	1 4	18 9	1 24	3 41	2 35	14 3	1 36	18 21	1 30	24 3	0 20	7 37	1 39	31 38	10 2	5 58	5 24	17 26		n.a.
S 6	17 3	16 52	5 10	23 36	1 11	17 47	1 25	3 46	2 35	14 5	1 36	18 19	1 30	24 3	0 20	7 36	1 39	31 38	10 2	5 59	5 25	17 25		n.a.
M 7	16 46	18 12	5 11	23 31	1 17	17 25	1 25	3 52	2 36	14 8	1 36	18 17	1 30	24 3	0 20	7 35	1 39	31 38	10 2	6 0	5 27	17 24		n.a.
T 8	16 28	18 44	4 58	23 24	1 24	17 2	1 25	3 56	2 36	14 11	1 37	18 15	1 30	24 3	0 20	7 35	1 39	31 38	10 2	6 2	5 28	17 24		n.a.
W 9	16 10	18 27	4 32	23 16	1 30	16 39	1 25	4 1	2 37	14 14	1 37	18 13	1 30	24 3	0 20	7 34	1 39	31 39	10 2	6 4	5 29	17 23		n.a.
T 10	15 52	17 21	3 55	23 7	1 35	16 15	1 26	4 6	2 37	14 16	1 37	18 10	1 30	24 3	0 20	7 33	1 39	31 39	10 2	6 6	5 30	17 23		n.a.
F 11	15 34	15 30	3 8	22 56	1 40	15 51	1 26	4 10	2 37	14 19	1 37	18 8	1 30	24 3	0 20	7 32	1 39	31 39	10 2	6 8	5 32	17 22		n.a.
S 12	15 15	12 59	2 12	22 44	1 45	15 26	1 26	4 14	2 38	14 22	1 37	18 6	1 31	24 3	0 20	7 31	1 39	31 39	10 2	6 9	5 33	17 21		n.a.
S 13	14 56	9 54	1 10	22 30	1 50	15 1	1 26	4 18	2 38	14 25	1 37	18 4	1 31	24 3	0 20	7 31	1 39	31 39	10 2	6 10	5 34	17 21		n.a.
M14	14 37	6 23	0 4	22 14	1 54	14 36	1 25	4 22	2 38	14 27	1 37	18 2	1 31	24 3	0 20	7 30	1 39	31 39	10 2	6 11	5 35	17 20		n.a.
T 15	14 17	2 34	1s 3	21 57	1 57	14 10	1 25	4 25	2 39	14 30	1 37	18 0	1 31	24 3	0 20	7 29	1 39	31 40	10 2	6 10	5 37	17 19		n.a.
W16	13 58	1n25	2 8	21 38	2 1	13 44	1 25	4 29	2 39	14 33	1 37	17 58	1 31	24 3	0 20	7 28	1 39	31 40	10 2	6 10	5 38	17 18		n.a.
T 17	13 38	5 24	3 8	21 18	2 3	13 17	1 25	4 32	2 39	14 36	1 37	17 55	1 31	24 3	0 20	7 27	1 39	31 40	10 2	6 9	5 39	17 18		n.a.
F 18	13 18	9 13	4 0	20 56	2 6	12 50	1 24	4 35	2 39	14 38	1 38	17 53	1 31	24 3	0 20	7 26	1 39	31 40	10 2	6 9	5 40	17 17		n.a.
S 19	12 58	12 40	4 41	20 33	2 8	12 23	1 24	4 37	2 40	14 41	1 38	17 51	1 31	24 3	0 20	7 25	1 39	31 40	10 2	6 8	5 42	17 16		n.a.
S 20	12 37	15 32	5 7	20 8	2 9	11 55	1 23	4 40	2 40	14 44	1 38	17 49	1 31	24 3	0 20	7 25	1 39	31 40	10 1	6 8	5 43	17 16		n.a.
M21	12 16	17 36	5 16	19 41	2 10	11 27	1 23	4 42	2 40	14 46	1 38	17 47	1 31	24 3	0 20	7 24	1 39	31 40	10 1	6 9	5 44	17 15		n.a.
T 22	11 56	18 37	5 6	19 12	2 11	10 59	1 22	4 44	2 40	14 49	1 38	17 45	1 31	24 3	0 20	7 23	1 39	31 41	10 1	6 9	5 45	17 14		n.a.
W23	11 34	18 26	4 37	18 42	2 11	10 31	1 21	4 46	2 40	14 52	1 38	17 43	1 31	24 3	0 20	7 22	1 39	31 41	10 1	6 10	5 47	17 14		n.a.
T 24	11 13	16 59	3 48	18 10	2 11	10 2	1 21	4 47	2 40	14 54	1 38	17 41	1 32	24 3	0 20	7 21	1 39	31 41	10 1	6 10	5 48	17 13		n.a.
F 25	10 52	14 22	2 43	17 36	2 10	9 33	1 20	4 49	2 40	14 57	1 38	17 38	1 32	24 3	0 20	7 20	1 38	31 41	10 1	6 11	5 49	17 12		n.a.
S 26	10 30	10 46	1 27	17 1	2 9	9 4	1 19	4 50	2 40	15 0	1 38	17 36	1 32	24 3	0 20	7 19	1 38	31 41	10 1	6 11	5 50	17 12		n.a.
S 27	10 9	6 32	0 6	16 24	2 7	8 34	1 18	4 50	2 40	15 2	1 38	17 34	1 32	24 3	0 20	7 18	1 38	31 41	10 1	6 11	5 52	17 11		n.a.
M28	9s47	1n58	1n14	15s45	2s 5	8s 5	1s17	4s51	2n40	15n 5	1n38	17s32	1s32	24s 3	0s20	7s18	1s38	31n41	10n 1	6n11	5n53	17s10		n.a.

Julian Day Number = 1621375.5, Delta T = 03h47m19s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'09, Lahiri = - 7°44'08 Julian Calendar 1 Feb. 274 BCE == Greg. Calendar 28 Jan. 274 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

MARCH 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 15 58	6♓ 0'22	12♎ 6	25♒31	13♓52	18°R27	24°R17	16♒38	1♉55	15♓32	22°R28	14♍28	15♍12	27♉38	n.a.	T 1
W 2	10 19 55	6°59'25	25°52	27°23	15° 7	18♎27	24♌ 9	16°45	1°57	15°34	22♋27	14°29	15° 9	27°44	n.a.	W 2
T 3	10 23 51	7°58'27	9♏12	29°17	16°21	18°26	24° 2	16°52	1°59	15°37	22°26	14°29	15° 5	27°51	n.a.	T 3
F 4	10 27 48	8°57'26	22° 8	1♓13	17°35	18°24	23°54	16°59	2° 1	15°39	22°25	14°30	15° 2	27°58	n.a.	F 4
S 5	10 31 44	9°56'24	4♐41	3° 9	18°49	18°22	23°47	17° 7	2° 3	15°41	22°24	14°30	14°59	28° 4	n.a.	S 5
S 6	10 35 41	10°55'20	16°58	5° 7	20° 4	18°19	23°40	17°14	2° 4	15°43	22°24	14°R30	14°56	28°11	n.a.	S 6
M 7	10 39 38	11°54'14	29° 1	7° 7	21°18	18°15	23°33	17°21	2° 6	15°46	22°23	14°30	14°53	28°18	n.a.	M 7
T 8	10 43 34	12°53'07	10♑55	9° 7	22°32	18°10	23°26	17°28	2° 8	15°48	22°22	14°30	14°49	28°25	n.a.	T 8
W 9	10 47 31	13°51'57	22°45	11° 9	23°46	18° 5	23°19	17°35	2° 9	15°50	22°21	14°30	14°46	28°31	n.a.	W 9
T 10	10 51 27	14°50'45	4♒34	13°12	25° 0	17°58	23°12	17°42	2°11	15°52	22°20	14°D30	14°43	28°38	n.a.	T 10
F 11	10 55 24	15°49'32	16°27	15°16	26°14	17°51	23° 5	17°48	2°13	15°55	22°19	14°30	14°40	28°45	n.a.	F 11
S 12	10 59 20	16°48'16	28°26	17°21	27°28	17°43	22°59	17°55	2°14	15°57	22°19	14°30	14°37	28°51	n.a.	S 12
S 13	11 3 17	17°46'59	10♓33	19°26	28°43	17°35	22°52	18° 2	2°16	15°59	22°18	14°R30	14°34	28°58	n.a.	S 13
M14	11 7 13	18°45'39	22°50	21°32	29°57	17°26	22°46	18° 9	2°17	16° 1	22°17	14°30	14°30	29° 5	n.a.	M14
T 15	11 11 10	19°44'18	5♈20	23°39	1♈11	17°15	22°40	18°16	2°18	16° 4	22°17	14°30	14°27	29°11	n.a.	T 15
W16	11 15 6	20°42'54	18° 1	25°45	2°25	17° 5	22°33	18°22	2°20	16° 6	22°16	14°29	14°24	29°18	n.a.	W16
T 17	11 19 3	21°41'28	0♉57	27°51	3°39	16°53	22°27	18°29	2°21	16° 8	22°15	14°28	14°21	29°25	n.a.	T 17
F 18	11 23 0	22°40'00	14° 7	29°57	4°53	16°41	22°21	18°36	2°22	16°10	22°15	14°27	14°18	29°31	n.a.	F 18
S 19	11 26 56	23°38'30	27°31	2♈ 2	6° 6	16°28	22°16	18°42	2°23	16°13	22°14	14°26	14°15	29°38	n.a.	S 19
S 20	11 30 53	24°36'57	11♊10	4° 6	7°20	16°14	22°10	18°49	2°25	16°15	22°14	14°26	14°11	29°45	n.a.	S 20
M21	11 34 49	25°35'23	25° 4	6° 9	8°34	16° 0	22° 4	18°55	2°26	16°17	22°13	14°D25	14° 8	29°51	n.a.	M21
T 22	11 38 46	26°33'46	9♋12	8°10	9°48	15°45	21°59	19° 2	2°27	16°19	22°12	14°26	14° 5	29°58	n.a.	T 22
W23	11 42 42	27°32'06	23°32	10° 9	11° 2	15°29	21°54	19° 8	2°28	16°22	22°12	14°26	14° 2	0♒ 5	n.a.	W23
T 24	11 46 39	28°30'25	8♌ 1	12° 5	12°16	15°13	21°49	19°15	2°29	16°24	22°12	14°27	13°59	0°11	n.a.	T 24
F 25	11 50 35	29°28'41	22°37	13°59	13°30	14°56	21°44	19°21	2°30	16°26	22°11	14°29	13°55	0°18	n.a.	F 25
S 26	11 54 32	0♈26'55	7♍12	15°50	14°43	14°38	21°39	19°27	2°30	16°28	22°11	14°R29	13°52	0°25	n.a.	S 26
S 27	11 58 29	1°25'08	21°43	17°38	15°57	14°20	21°34	19°33	2°31	16°31	22°10	14°29	13°49	0°32	n.a.	S 27
M28	12 2 25	2°23'18	6♎ 2	19°23	17°11	14° 2	21°30	19°39	2°32	16°33	22°10	14°28	13°46	0°38	n.a.	M28
T 29	12 6 22	3°21'26	20° 5	21° 3	18°24	13°43	21°26	19°46	2°33	16°35	22°10	14°26	13°43	0°45	n.a.	T 29
W30	12 10 18	4°19'33	3♏48	22°41	19°38	13°24	21°22	19°52	2°33	16°37	22° 9	14°24	13°40	0°52	n.a.	W30
T 31	12 14 15	5♈17'38	17♏ 8	24♈14	20♈52	13♎ 4	21♌18	19♒58	2♉34	16♓39	22♋ 9	14♍21	13♍36	0♒58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9s25	2s35	2n28	15s 5	2s 2	7s35	1s16	4s51	2n40	15n 7	1n38	17s30	1s32	24s 3	0s20	7s17	1s38	31n41	10n 0	6n11	5n54	17s 9			n.a.
W 2	9 3	6 51	3 30	14 23	1 59	7 5	1 15	4 51	2 40	15 10	1 38	17 28	1 32	24 3	0 20	7 16	1 38	31 41	10 0	6 11	5 55	17 9			n.a.
T 3	8 41	10 38	4 19	13 39	1 55	6 35	1 13	4 51	2 39	15 12	1 38	17 26	1 32	24 3	0 20	7 15	1 38	31 41	10 0	6 11	5 57	17 8			n.a.
F 4	8 18	13 47	4 54	12 53	1 50	6 4	1 12	4 51	2 39	15 15	1 38	17 24	1 32	24 3	0 20	7 14	1 38	31 41	10 0	6 10	5 58	17 7			n.a.
S 5	7 56	16 12	5 13	12 6	1 45	5 34	1 11	4 50	2 39	15 17	1 38	17 22	1 33	24 3	0 20	7 13	1 38	31 41	10 0	6 10	5 59	17 7			n.a.
S 6	7 33	17 49	5 17	11 17	1 40	5 3	1 10	4 49	2 39	15 19	1 38	17 20	1 33	24 3	0 20	7 12	1 38	31 41	10 0	6 10	6 0	17 6			n.a.
M 7	7 11	18 36	5 7	10 27	1 34	4 32	1 8	4 48	2 38	15 22	1 38	17 17	1 33	24 3	0 20	7 11	1 38	31 41	10 0	6 10	6 2	17 5			n.a.
T 8	6 48	18 33	4 45	9 35	1 27	4 1	1 7	4 47	2 38	15 24	1 38	17 15	1 33	24 3	0 21	7 10	1 38	31 41	10 0	6 10	6 3	17 4			n.a.
W 9	6 25	17 41	4 10	8 42	1 20	3 30	1 5	4 45	2 37	15 26	1 37	17 13	1 33	24 3	0 21	7 10	1 38	31 41	9 59	6 10	6 4	17 4			n.a.
T 10	6 2	16 3	3 24	7 47	1 12	2 59	1 4	4 43	2 37	15 29	1 37	17 11	1 33	24 3	0 21	7 9	1 38	31 41	9 59	6 10	6 5	17 3			n.a.
F 11	5 39	13 43	2 30	6 52	1 4	2 28	1 2	4 41	2 36	15 31	1 37	17 9	1 33	24 3	0 21	7 8	1 38	31 41	9 59	6 10	6 6	17 2			n.a.
S 12	5 16	10 47	1 28	5 55	0 56	1 56	1 0	4 39	2 35	15 33	1 37	17 7	1 33	24 3	0 21	7 7	1 38	31 41	9 59	6 10	6 8	17 1			n.a.
S 13	4 53	7 22	0 22	4 56	0 47	1 25	0 59	4 36	2 35	15 35	1 37	17 5	1 33	24 3	0 21	7 6	1 38	31 41	9 59	6 10	6 9	17 1			n.a.
M14	4 30	3 35	0s46	3 58	0 37	0 53	0 57	4 33	2 34	15 37	1 37	17 3	1 34	24 3	0 21	7 5	1 39	31 41	9 59	6 10	6 10	17 0			n.a.
T 15	4 7	0n25	1 53	2 58	0 27	0 22	0 55	4 30	2 33	15 39	1 37	17 1	1 34	24 3	0 21	7 4	1 39	31 41	9 58	6 10	6 11	16 59			n.a.
W16	3 43	4 27	2 56	1 58	0 17	0n 9	0 53	4 27	2 32	15 41	1 37	16 59	1 34	24 3	0 21	7 3	1 39	31 41	9 58	6 11	6 13	16 58			n.a.
T 17	3 20	8 21	3 50	0 57	0 6	0 41	0 51	4 23	2 31	15 43	1 37	16 57	1 34	24 3	0 21	7 3	1 39	31 41	9 58	6 11	6 14	16 58			n.a.
F 18	2 57	11 55	4 34	0n 3	0n 5	1 12	0 49	4 20	2 30	15 45	1 37	16 55	1 34	24 3	0 21	7 2	1 39	31 41	9 58	6 11	6 15	16 57			n.a.
S 19	2 33	14 55	5 3	1 4	0 16	1 44	0 47	4 16	2 29	15 47	1 36	16 53	1 34	24 3	0 21	7 1	1 39	31 41	9 58	6 12	6 16	16 56			n.a.
S 20	2 10	17 10	5 16	2 4	0 27	2 15	0 45	4 11	2 28	15 48	1 36	16 52	1 34	24 3	0 21	7 0	1 39	31 41	9 58	6 12	6 18	16 55			n.a.
M21	1 46	18 27	5 12	3 3	0 38	2 47	0 43	4 7	2 26	15 50	1 36	16 50	1 35	24 3	0 21	6 59	1 39	31 41	9 57	6 12	6 19	16 54			n.a.
T 22	1 23	18 37	4 48	4 2	0 50	3 18	0 41	4 2	2 25	15 52	1 36	16 48	1 35	24 3	0 21	6 58	1 39	31 41	9 57	6 12	6 20	16 54			n.a.
W23	1 0	17 36	4 6	4 59	1 1	3 49	0 39	3 58	2 24	15 53	1 36	16 46	1 35	24 3	0 21	6 57	1 39	31 41	9 57	6 12	6 21	16 53			n.a.
T 24	0 36	15 27	3 8	5 56	1 11	4 20	0 37	3 53	2 22	15 55	1 36	16 44	1 35	24 3	0 21	6 56	1 39	31 40	9 57	6 11	6 23	16 52			n.a.
F 25	0 13	12 17	1 58	6 50	1 22	4 51	0 35	3 48	2 21	15 56	1 36	16 42	1 35	24 3	0 21	6 56	1 39	31 40	9 57	6 11	6 24	16 51			n.a.
S 26	0n11	8 21	0 40	7 43	1 32	5 22	0 32	3 42	2 19	15 58	1 35	16 40	1 35	24 3	0 21	6 55	1 39	31 40	9 56	6 11	6 25	16 51			n.a.
S 27	0 34	3 56	0n40	8 34	1 42	5 53	0 30	3 37	2 17	15 59	1 35	16 38	1 36	24 3	0 21	6 54	1 39	31 40	9 56	6 11	6 26	16 50			n.a.
M28	0 58	0s39	1 56	9 23	1 51	6 24	0 28	3 31	2 15	16 0	1 35	16 37	1 36	24 3	0 21	6 53	1 39	31 40	9 56	6 11	6 28	16 49			n.a.
T 29	1 21	5 6	3 4	10 10	2 0	6 54	0 25	3 26	2 14	16 2	1 35	16 35	1 36	24 3	0 21	6 52	1 39	31 40	9 56	6 12	6 29	16 48			n.a.
W30	1 44	9 11	4 0	10 54	2 8	7 25	0 23	3 20	2 12	16 3	1 35	16 33	1 36	24 3	0 21	6 51	1 39	31 40	9 56	6 13	6 30	16 47			n.a.
T 31	2n 8	12s40	4n40	11n36	2n15	7n55	0s21	3s14	2n10	16n 4	1n35	16s31	1s36	24s 3	0s21	6s51	1s39	31n39	9n55	6n14	6n31	16s47			n.a.

Julian Day Number = 1621403.5, Delta T = 03h47m18s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'05, Lahiri = - 7°44'04 Julian Calendar 1 March 274 BCE == Greg. Calendar 25 Feb. 274 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

APRIL 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 18 11	6♈15'41	0♐ 7	25♈43	22♈ 5	12°R44	21°R14	20♒ 4	2♉35	16♓41	22°R 9	14°R18	13♍33	1♒ 5	n.a.	F 1
S 2	12 22 8	7°13'43	12°44	27° 8	23°19	12♎23	21♏10	20° 9	2°35	16°44	22♋ 9	14♍15	13°30	1°12	n.a.	S 2
S 3	12 26 4	8°11'44	25° 3	28°30	24°32	12° 3	21° 7	20°15	2°35	16°46	22° 9	14°14	13°27	1°18	n.a.	S 3
M 4	12 30 1	9° 9'43	7♉ 8	29°46	25°46	11°41	21° 3	20°21	2°36	16°48	22° 9	14°D13	13°24	1°25	n.a.	M 4
T 5	12 33 57	10° 7'40	19° 3	0♊59	26°59	11°20	21° 0	20°27	2°36	16°50	22° 8	14°13	13°20	1°32	n.a.	T 5
W 6	12 37 54	11° 5'37	0♒54	2° 7	28°13	10°59	20°57	20°32	2°37	16°52	22° 8	14°14	13°17	1°38	n.a.	W 6
T 7	12 41 51	12° 3'31	12°45	3°10	29°26	10°37	20°55	20°38	2°37	16°54	22° 8	14°16	13°14	1°45	n.a.	T 7
F 8	12 45 47	13° 1'25	24°40	4° 9	0♋40	10°16	20°52	20°44	2°37	16°56	22°D 8	14°18	13°11	1°52	n.a.	F 8
S 9	12 49 44	13°59'16	6♓44	5° 4	1°53	9°54	20°49	20°49	2°37	16°58	22° 8	14°19	13° 8	1°58	n.a.	S 9
S 10	12 53 40	14°57'07	19° 0	5°53	3° 7	9°32	20°47	20°54	2°37	17° 0	22° 8	14°R19	13° 5	2° 5	n.a.	S 10
M11	12 57 37	15°54'56	1♈31	6°38	4°20	9°11	20°45	21° 0	2°37	17° 3	22° 8	14°18	13° 1	2°12	n.a.	M11
T 12	13 1 33	16°52'43	14°18	7°19	5°33	8°49	20°43	21° 5	2°R37	17° 5	22° 8	14°15	12°58	2°18	n.a.	T 12
W13	13 5 30	17°50'29	27°21	7°54	6°47	8°28	20°42	21°10	2°37	17° 7	22° 9	14°11	12°55	2°25	n.a.	W13
T 14	13 9 26	18°48'13	10♉41	8°24	8° 0	8° 7	20°40	21°15	2°37	17° 9	22° 9	14° 6	12°52	2°32	n.a.	T 14
F 15	13 13 23	19°45'56	24°14	8°50	9°13	7°46	20°39	21°20	2°37	17°11	22° 9	14° 0	12°49	2°38	n.a.	F 15
S 16	13 17 20	20°43'38	8♊ 0	9°10	10°26	7°25	20°37	21°25	2°37	17°13	22° 9	13°55	12°46	2°45	n.a.	S 16
S 17	13 21 16	21°41'17	21°56	9°26	11°40	7° 5	20°37	21°30	2°37	17°14	22° 9	13°50	12°42	2°52	n.a.	S 17
M18	13 25 13	22°38'55	5♋58	9°37	12°53	6°45	20°36	21°35	2°36	17°16	22°10	13°48	12°39	2°58	n.a.	M18
T 19	13 29 9	23°36'32	20° 6	9°43	14° 6	6°26	20°35	21°40	2°36	17°18	22°10	13°D46	12°36	3° 5	n.a.	T 19
W20	13 33 6	24°34'07	4♌17	9°R44	15°19	6° 7	20°35	21°45	2°36	17°20	22°10	13°47	12°33	3°12	n.a.	W20
T 21	13 37 2	25°31'40	18°29	9°40	16°32	5°49	20°34	21°49	2°35	17°22	22°11	13°48	12°30	3°18	n.a.	T 21
F 22	13 40 59	26°29'11	2♍41	9°32	17°45	5°31	20°D34	21°54	2°35	17°24	22°11	13°49	12°26	3°25	n.a.	F 22
S 23	13 44 55	27°26'41	16°50	9°19	18°58	5°14	20°34	21°58	2°34	17°26	22°11	13°R49	12°23	3°32	n.a.	S 23
S 24	13 48 52	28°24'09	0♎54	9° 3	20°11	4°57	20°35	22° 3	2°33	17°28	22°12	13°48	12°20	3°39	n.a.	S 24
M25	13 52 49	29°21'37	14°49	8°43	21°24	4°41	20°35	22° 7	2°33	17°29	22°12	13°45	12°17	3°45	n.a.	M25
T 26	13 56 45	0♉19'02	28°32	8°19	22°37	4°25	20°36	22°11	2°32	17°31	22°13	13°40	12°14	3°52	n.a.	T 26
W27	14 0 42	1°16'27	12♏ 1	7°52	23°50	4°10	20°37	22°15	2°31	17°33	22°13	13°33	12°11	3°59	n.a.	W27
T 28	14 4 38	2°13'51	25°12	7°23	25° 3	3°56	20°38	22°20	2°31	17°35	22°14	13°24	12° 7	4° 5	n.a.	T 28
F 29	14 8 35	3°11'14	8♐ 5	6°52	26°16	3°43	20°39	22°24	2°30	17°36	22°14	13°16	12° 4	4°12	n.a.	F 29
S 30	14 12 31	4♉ 8'36	20♐40	6♉19	27♉29	3♎30	20♏40	22♒27	2♉29	17♓38	22♋15	13♍ 8	12♍ 1	4♒19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n31	15s26	5n 5	12n16	2n22	8n25	0s18	3s 8	2n 8	16n 5	1n34	16s30	1s36	24s 3	0s21	6s50	1s39	31n39	9n55	6n15	6n32	16s46		n.a.
S 2	2 54	17 23	5 15	12 53	2 28	8 55	0 16	3 2	2 5	16 6	1 34	16 28	1 37	24 3	0 21	6 49	1 39	31 39	9 55	6 16	6 34	16 45		n.a.
S 3	3 17	18 29	5 9	13 27	2 33	9 25	0 13	2 56	2 3	16 7	1 34	16 26	1 37	24 3	0 21	6 48	1 39	31 39	9 55	6 17	6 35	16 44		n.a.
M 4	3 40	18 42	4 50	13 59	2 38	9 54	0 11	2 50	2 1	16 8	1 34	16 24	1 37	24 3	0 21	6 47	1 39	31 39	9 55	6 17	6 36	16 43		n.a.
T 5	4 3	18 5	4 19	14 28	2 41	10 23	0 8	2 43	1 59	16 9	1 34	16 23	1 37	24 3	0 21	6 46	1 39	31 39	9 54	6 17	6 37	16 42		n.a.
W 6	4 26	16 41	3 36	14 54	2 44	10 52	0 6	2 37	1 56	16 9	1 34	16 21	1 37	24 3	0 21	6 46	1 39	31 38	9 54	6 16	6 39	16 42		n.a.
T 7	4 49	14 33	2 45	15 18	2 46	11 21	0 3	2 31	1 54	16 10	1 33	16 19	1 37	24 3	0 21	6 45	1 39	31 38	9 54	6 16	6 40	16 41		n.a.
F 8	5 12	11 48	1 46	15 39	2 46	11 50	0 1	2 25	1 51	16 11	1 33	16 18	1 38	24 3	0 21	6 44	1 39	31 38	9 54	6 15	6 41	16 40		n.a.
S 9	5 35	8 30	0 42	15 58	2 46	12 18	0n 2	2 18	1 48	16 11	1 33	16 16	1 38	24 3	0 21	6 43	1 39	31 38	9 54	6 15	6 42	16 39		n.a.
S 10	5 58	4 48	0s26	16 14	2 45	12 46	0 4	2 12	1 46	16 12	1 33	16 15	1 38	24 3	0 21	6 42	1 39	31 38	9 53	6 15	6 44	16 38		n.a.
M11	6 20	0 48	1 33	16 27	2 43	13 13	0 7	2 6	1 43	16 12	1 33	16 13	1 38	24 3	0 21	6 42	1 39	31 37	9 53	6 15	6 45	16 37		n.a.
T 12	6 43	3n18	2 37	16 37	2 39	13 41	0 9	2 0	1 40	16 13	1 32	16 12	1 38	24 3	0 21	6 41	1 39	31 37	9 53	6 16	6 46	16 37		n.a.
W13	7 5	7 20	3 34	16 45	2 35	14 8	0 12	1 54	1 37	16 13	1 32	16 10	1 39	24 3	0 21	6 40	1 39	31 37	9 53	6 18	6 47	16 36		n.a.
T 14	7 27	11 5	4 20	16 50	2 29	14 34	0 15	1 49	1 35	16 14	1 32	16 9	1 39	24 3	0 21	6 39	1 39	31 37	9 52	6 20	6 48	16 35		n.a.
F 15	7 49	14 20	4 53	16 52	2 23	15 1	0 17	1 43	1 32	16 14	1 32	16 7	1 39	24 3	0 21	6 39	1 39	31 36	9 52	6 22	6 50	16 34		n.a.
S 16	8 11	16 49	5 9	16 52	2 15	15 26	0 20	1 38	1 29	16 14	1 32	16 6	1 39	24 4	0 22	6 38	1 39	31 36	9 52	6 24	6 51	16 33		n.a.
S 17	8 33	18 21	5 8	16 48	2 7	15 52	0 22	1 32	1 26	16 14	1 31	16 4	1 39	24 4	0 22	6 37	1 39	31 36	9 52	6 26	6 52	16 32		n.a.
M18	8 55	18 48	4 48	16 43	1 57	16 17	0 25	1 27	1 23	16 14	1 31	16 3	1 40	24 4	0 22	6 36	1 39	31 36	9 52	6 27	6 53	16 32		n.a.
T 19	9 16	18 4	4 11	16 34	1 46	16 42	0 27	1 22	1 20	16 14	1 31	16 1	1 40	24 4	0 22	6 36	1 39	31 35	9 51	6 27	6 55	16 31		n.a.
W20	9 38	16 13	3 18	16 24	1 35	17 6	0 30	1 17	1 17	16 14	1 31	16 0	1 40	24 4	0 22	6 35	1 39	31 35	9 51	6 27	6 56	16 30		n.a.
T 21	9 59	13 21	2 13	16 11	1 22	17 30	0 33	1 13	1 14	16 14	1 30	15 59	1 40	24 4	0 22	6 34	1 39	31 35	9 51	6 27	6 57	16 29		n.a.
F 22	10 20	9 42	1 0	15 55	1 8	17 53	0 35	1 8	1 10	16 14	1 30	15 57	1 40	24 4	0 22	6 34	1 39	31 35	9 51	6 26	6 58	16 28		n.a.
S 23	10 41	5 30	0n16	15 37	0 54	18 16	0 38	1 4	1 7	16 13	1 30	15 56	1 41	24 4	0 22	6 33	1 39	31 34	9 51	6 26	7 0	16 27		n.a.
S 24	11 2	1 2	1 31	15 18	0 39	18 39	0 40	1 0	1 4	16 13	1 30	15 55	1 41	24 4	0 22	6 32	1 40	31 34	9 50	6 27	7 1	16 26		n.a.
M25	11 23	3s27	2 40	14 56	0 23	19 1	0 43	0 57	1 1	16 13	1 30	15 54	1 41	24 4	0 22	6 31	1 40	31 34	9 50	6 28	7 2	16 25		n.a.
T 26	11 43	7 42	3 38	14 33	0 6	19 22	0 45	0 53	0 58	16 12	1 29	15 53	1 41	24 4	0 22	6 31	1 40	31 33	9 50	6 30	7 3	16 25		n.a.
W27	12 3	11 28	4 22	14 8	0s10	19 43	0 48	0 50	0 55	16 12	1 29	15 51	1 42	24 4	0 22	6 30	1 40	31 33	9 50	6 33	7 4	16 24		n.a.
T 28	12 24	14 34	4 52	13 42	0 27	20 4	0 50	0 48	0 52	16 11	1 29	15 50	1 42	24 4	0 22	6 30	1 40	31 33	9 50	6 36	7 6	16 23		n.a.
F 29	12 43	16 53	5 6	13 16	0 45	20 24	0 52	0 45	0 49	16 11	1 29	15 49	1 42	24 4	0 22	6 29	1 40	31 33	9 49	6 39	7 7	16 22		n.a.
S 30	13n 3	18s20	5n 5	12n49	1s 2	20n43	0n55	0s43	0n46	16n10	1n28	15s48	1s42	24s 4	0s22	6s28	1s40	31n32	9n49	6n42	7n 8	16s21		n.a.

Julian Day Number = 1621434.5, Delta T = 03h47m17s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°51'01, Lahiri = - 7°44'00 Julian Calendar 1 Apr. 274 BCE == Greg. Calendar 28 March 274 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

MAY 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 16 28	5♉ 5'57	2♋58	5°R46	28♉41	3°R18	20♌42	22♒31	2°R28	17♓40	22♋16	13°R 2	11♍58	4♒25	n.a.	S 1
M 2	14 20 24	6° 3'17	15° 3	5♉12	29°54	3♎ 7	20°44	22°35	2♋27	17°41	22°16	12♍58	11°55	4°32	n.a.	M 2
T 3	14 24 21	7° 0'37	26°59	4°39	1♊ 7	2°57	20°45	22°39	2°26	17°43	22°17	12°55	11°52	4°39	n.a.	T 3
W 4	14 28 18	7°57'56	8♒49	4° 6	2°20	2°47	20°48	22°42	2°25	17°45	22°18	12°D55	11°48	4°45	n.a.	W 4
T 5	14 32 14	8°55'14	20°40	3°35	3°32	2°38	20°50	22°46	2°24	17°46	22°18	12°55	11°45	4°52	n.a.	T 5
F 6	14 36 11	9°52'32	2♓36	3° 6	4°45	2°30	20°52	22°49	2°23	17°48	22°19	12°56	11°42	4°59	n.a.	F 6
S 7	14 40 7	10°49'49	14°43	2°39	5°58	2°23	20°55	22°53	2°22	17°49	22°20	12°R56	11°39	5° 5	n.a.	S 7
S 8	14 44 4	11°47'05	27° 5	2°15	7°10	2°17	20°58	22°56	2°21	17°51	22°21	12°55	11°36	5°12	n.a.	S 8
M 9	14 48 0	12°44'21	9♈46	1°54	8°23	2°11	21° 0	22°59	2°19	17°52	22°21	12°52	11°32	5°19	n.a.	M 9
T 10	14 51 57	13°41'36	22°48	1°37	9°35	2° 7	21° 4	23° 2	2°18	17°54	22°22	12°47	11°29	5°25	n.a.	T 10
W11	14 55 53	14°38'51	6♉11	1°24	10°48	2° 3	21° 7	23° 5	2°17	17°55	22°23	12°39	11°26	5°32	n.a.	W11
T 12	14 59 50	15°36'05	19°54	1°14	12° 0	2° 0	21°10	23° 8	2°15	17°57	22°24	12°30	11°23	5°39	n.a.	T 12
F 13	15 3 46	16°33'18	3♊54	1° 9	13°13	1°58	21°14	23°11	2°14	17°58	22°25	12°20	11°20	5°45	n.a.	F 13
S 14	15 7 43	17°30'31	18° 6	1°D 9	14°25	1°56	21°18	23°13	2°12	17°59	22°26	12°10	11°17	5°52	n.a.	S 14
S 15	15 11 40	18°27'43	2♋26	1°13	15°38	1°D56	21°22	23°16	2°11	18° 1	22°27	12° 2	11°13	5°59	n.a.	S 15
M16	15 15 36	19°24'55	16°47	1°21	16°50	1°56	21°26	23°18	2° 9	18° 2	22°28	11°56	11°10	6° 5	n.a.	M16
T 17	15 19 33	20°22'05	1♌ 5	1°34	18° 2	1°57	21°30	23°21	2° 8	18° 3	22°29	11°52	11° 7	6°12	n.a.	T 17
W18	15 23 29	21°19'15	15°18	1°52	19°15	1°59	21°34	23°23	2° 6	18° 5	22°30	11°51	11° 4	6°19	n.a.	W18
T 19	15 27 26	22°16'24	29°24	2°14	20°27	2° 2	21°39	23°25	2° 5	18° 6	22°31	11°D51	11° 1	6°25	n.a.	T 19
F 20	15 31 22	23°13'32	13♍22	2°41	21°39	2° 5	21°44	23°27	2° 3	18° 7	22°32	11°R51	10°57	6°32	n.a.	F 20
S 21	15 35 19	24°10'39	27°11	3°12	22°51	2°10	21°49	23°29	2° 1	18° 8	22°33	11°50	10°54	6°39	n.a.	S 21
S 22	15 39 16	25° 7'46	10♎51	3°48	24° 3	2°15	21°54	23°31	1°59	18° 9	22°35	11°48	10°51	6°45	n.a.	S 22
M23	15 43 12	26° 4'53	24°21	4°28	25°16	2°21	21°59	23°33	1°58	18°10	22°36	11°42	10°48	6°52	n.a.	M23
T 24	15 47 9	27° 1'58	7♏41	5°13	26°28	2°27	22° 4	23°35	1°56	18°12	22°37	11°34	10°45	6°59	n.a.	T 24
W25	15 51 5	27°59'04	20°49	6° 1	27°40	2°35	22°10	23°37	1°54	18°13	22°38	11°24	10°42	7° 5	n.a.	W25
T 26	15 55 2	28°56'10	3♐44	6°54	28°52	2°43	22°15	23°38	1°52	18°14	22°39	11°11	10°38	7°12	n.a.	T 26
F 27	15 58 58	29°53'15	16°24	7°51	0♋ 4	2°51	22°21	23°40	1°50	18°15	22°41	10°59	10°35	7°19	n.a.	F 27
S 28	16 2 55	0♊50'20	28°50	8°52	1°16	3° 1	22°27	23°41	1°48	18°16	22°42	10°47	10°32	7°25	n.a.	S 28
S 29	16 6 51	1°47'25	11♋ 3	9°57	2°27	3°11	22°33	23°42	1°46	18°16	22°43	10°37	10°29	7°32	n.a.	S 29
M30	16 10 48	2°44'31	23° 4	11° 6	3°39	3°22	22°39	23°43	1°44	18°17	22°45	10°29	10°26	7°39	n.a.	M30
T 31	16 14 45	3♊41'36	4♒58	12♉18	4♋51	3♎34	22♌45	23♒44	1♋42	18♓18	22♋46	10♍24	10♍23	7♒45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	13n23	18s53	4n49	12n22	1s19	21n 2	0n57	0s41	0n43	16n 9	1n28	15s47	1s42	24s 4	0s22	6s28	1s40	31n32	9n49	6n45	7n 9	16s20			n.a.
M 2	13 42	18 33	4 21	11 55	1 36	21 20	1 0	0 39	0 40	16 9	1 28	15 46	1 43	24 4	0 22	6 27	1 40	31 32	9 49	6 46	7 11	16 19			n.a.
T 3	14 1	17 24	3 41	11 28	1 52	21 38	1 2	0 38	0 37	16 8	1 28	15 45	1 43	24 4	0 22	6 26	1 40	31 31	9 49	6 47	7 12	16 18			n.a.
W 4	14 20	15 29	2 53	11 3	2 7	21 55	1 4	0 37	0 34	16 7	1 27	15 44	1 43	24 4	0 22	6 26	1 40	31 31	9 48	6 47	7 13	16 17			n.a.
T 5	14 39	12 56	1 57	10 38	2 22	22 12	1 6	0 36	0 31	16 6	1 27	15 43	1 43	24 4	0 22	6 25	1 40	31 31	9 48	6 47	7 14	16 16			n.a.
F 6	14 57	9 49	0 55	10 15	2 36	22 28	1 8	0 35	0 28	16 5	1 27	15 42	1 44	24 4	0 22	6 25	1 40	31 30	9 48	6 47	7 15	16 16			n.a.
S 7	15 15	6 14	0s10	9 54	2 49	22 43	1 11	0 35	0 25	16 4	1 27	15 41	1 44	24 4	0 22	6 24	1 40	31 30	9 48	6 47	7 17	16 15			n.a.
S 8	15 33	2 19	1 15	9 34	3 1	22 58	1 13	0 35	0 22	16 3	1 27	15 40	1 44	24 4	0 22	6 24	1 40	31 30	9 48	6 47	7 18	16 14			n.a.
M 9	15 51	1n48	2 18	9 17	3 11	23 12	1 15	0 36	0 19	16 2	1 26	15 40	1 44	24 4	0 22	6 23	1 40	31 29	9 47	6 48	7 19	16 13			n.a.
T 10	16 8	5 56	3 16	9 2	3 21	23 25	1 17	0 36	0 16	16 0	1 26	15 39	1 45	24 4	0 22	6 22	1 40	31 29	9 47	6 50	7 20	16 12			n.a.
W11	16 25	9 54	4 5	8 50	3 29	23 38	1 19	0 37	0 13	15 59	1 26	15 38	1 45	24 4	0 22	6 22	1 40	31 29	9 47	6 53	7 22	16 11			n.a.
T 12	16 42	13 25	4 40	8 40	3 37	23 50	1 21	0 39	0 10	15 58	1 26	15 37	1 45	24 5	0 22	6 21	1 40	31 28	9 47	6 57	7 23	16 10			n.a.
F 13	16 59	16 16	5 0	8 33	3 42	24 1	1 23	0 40	0 8	15 56	1 25	15 37	1 45	24 5	0 22	6 21	1 40	31 28	9 47	7 1	7 24	16 9			n.a.
S 14	17 16	18 11	5 2	8 28	3 47	24 12	1 24	0 42	0 5	15 55	1 25	15 36	1 45	24 5	0 22	6 20	1 41	31 28	9 46	7 5	7 25	16 8			n.a.
S 15	17 32	18 58	4 45	8 26	3 51	24 22	1 26	0 45	0 2	15 53	1 25	15 35	1 46	24 5	0 22	6 20	1 41	31 27	9 46	7 8	7 26	16 7			n.a.
M16	17 48	18 32	4 10	8 27	3 53	24 32	1 28	0 47	0s 0	15 52	1 25	15 35	1 46	24 5	0 22	6 20	1 41	31 27	9 46	7 10	7 28	16 6			n.a.
T 17	18 3	16 55	3 19	8 30	3 54	24 40	1 30	0 50	0 3	15 50	1 25	15 34	1 46	24 5	0 22	6 19	1 41	31 27	9 46	7 11	7 29	16 5			n.a.
W18	18 18	14 16	2 16	8 36	3 55	24 48	1 31	0 53	0 6	15 49	1 24	15 33	1 46	24 5	0 22	6 19	1 41	31 26	9 46	7 12	7 30	16 4			n.a.
T 19	18 33	10 48	1 6	8 45	3 54	24 55	1 33	0 56	0 8	15 47	1 24	15 33	1 47	24 5	0 22	6 18	1 41	31 26	9 46	7 12	7 31	16 3			n.a.
F 20	18 48	6 44	0n 8	8 55	3 52	25 2	1 34	1 0	0 11	15 45	1 24	15 33	1 47	24 5	0 22	6 18	1 41	31 26	9 45	7 12	7 33	16 3			n.a.
S 21	19 2	2 22	1 20	9 9	3 49	25 8	1 36	1 4	0 13	15 43	1 24	15 32	1 47	24 5	0 22	6 17	1 41	31 25	9 45	7 12	7 34	16 2			n.a.
S 22	19 17	2s 5	2 27	9 24	3 45	25 13	1 37	1 8	0 16	15 42	1 24	15 32	1 47	24 5	0 22	6 17	1 41	31 25	9 45	7 13	7 35	16 1			n.a.
M23	19 30	6 23	3 25	9 42	3 41	25 17	1 39	1 13	0 18	15 40	1 23	15 31	1 48	24 5	0 22	6 17	1 41	31 24	9 45	7 15	7 36	16 0			n.a.
T 24	19 44	10 17	4 11	10 2	3 35	25 20	1 40	1 18	0 20	15 38	1 23	15 31	1 48	24 5	0 22	6 16	1 41	31 24	9 45	7 19	7 37	15 59			n.a.
W25	19 57	13 38	4 42	10 24	3 29	25 23	1 41	1 23	0 23	15 36	1 23	15 31	1 48	24 5	0 22	6 16	1 41	31 24	9 45	7 23	7 39	15 58			n.a.
T 26	20 10	16 16	4 58	10 48	3 22	25 25	1 42	1 28	0 25	15 34	1 23	15 30	1 48	24 5	0 22	6 15	1 41	31 23	9 44	7 27	7 40	15 57			n.a.
F 27	20 22	18 3	5 0	11 14	3 14	25 27	1 43	1 34	0 27	15 32	1 22	15 30	1 49	24 5	0 22	6 15	1 41	31 23	9 44	7 32	7 41	15 56			n.a.
S 28	20 34	18 57	4 46	11 41	3 6	25 27	1 44	1 40	0 29	15 29	1 22	15 30	1 49	24 5	0 22	6 15	1 41	31 23	9 44	7 37	7 42	15 55			n.a.
S 29	20 46	18 56	4 20	12 10	2 57	25 27	1 45	1 46	0 31	15 27	1 22	15 30	1 49	24 5	0 23	6 15	1 41	31 22	9 44	7 40	7 44	15 54			n.a.
M30	20 57	18 4	3 43	12 41	2 48	25 26	1 46	1 52	0 34	15 25	1 22	15 30	1 50	24 5	0 23	6 14	1 41	31 22	9 44	7 43	7 45	15 53			n.a.
T 31	21n 9	16s25	2n56	13n12	2s38	25n25	1n47	1s59	0s36	15n23	1n22	15s29	1s50	24s 5	0s23	6s14	1s41	31n21	9n44	7n45	7n46	15s52			n.a.

Julian Day Number = 1621464.5, Delta T = 03h47m16s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'57, Lahiri = - 7°43'56 Julian Calendar 1 May 274 BCE == Greg. Calendar 27 Apr. 274 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

JUNE 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 18 41	4♊38'42	16♒47	13♉35	6♋ 3	3♎46	22♌52	23♒45	1°R40	18♓19	22♋47	10°R21	10♍19	7♒52	n.a.	W 1
T 2	16 22 38	5°35'48	28°37	14°55	7°14	3°59	22°59	23°46	1♏38	18°20	22°49	10♍20	10°16	7°59	n.a.	T 2
F 3	16 26 34	6°32'54	10♓32	16°19	8°26	4°12	23° 5	23°47	1°36	18°21	22°50	10°20	10°13	8° 5	n.a.	F 3
S 4	16 30 31	7°30'00	22°39	17°47	9°38	4°26	23°12	23°47	1°34	18°21	22°52	10°20	10°10	8°12	n.a.	S 4
S 5	16 34 27	8°27'07	5♈ 3	19°18	10°49	4°41	23°19	23°48	1°32	18°22	22°53	10°19	10° 7	8°19	n.a.	S 5
M 6	16 38 24	9°24'15	17°48	20°53	12° 1	4°56	23°26	23°48	1°30	18°23	22°55	10°15	10° 3	8°25	n.a.	M 6
T 7	16 42 20	10°21'22	0♉57	22°32	13°12	5°12	23°34	23°49	1°28	18°23	22°56	10° 9	10° 0	8°32	n.a.	T 7
W 8	16 46 17	11°18'30	14°32	24°14	14°24	5°29	23°41	23°49	1°25	18°24	22°58	10° 0	9°57	8°39	n.a.	W 8
T 9	16 50 14	12°15'39	28°32	25°59	15°35	5°46	23°48	23°49	1°23	18°25	22°59	9°50	9°54	8°45	n.a.	T 9
F 10	16 54 10	13°12'48	12♊54	27°47	16°47	6° 4	23°56	23°R49	1°21	18°25	23° 1	9°38	9°51	8°52	n.a.	F 10
S 11	16 58 7	14° 9'58	27°30	29°38	17°58	6°22	24° 4	23°49	1°19	18°26	23° 2	9°27	9°48	8°59	n.a.	S 11
S 12	17 2 3	15° 7'07	12♋15	1♊33	19° 9	6°41	24°12	23°49	1°16	18°26	23° 4	9°18	9°44	9° 5	n.a.	S 12
M13	17 6 0	16° 4'17	26°59	3°29	20°20	7° 0	24°20	23°49	1°14	18°27	23° 5	9°11	9°41	9°12	n.a.	M13
T 14	17 9 56	17° 1'28	11♌36	5°28	21°32	7°20	24°28	23°48	1°12	18°27	23° 7	9° 6	9°38	9°19	n.a.	T 14
W15	17 13 53	17°58'38	26° 1	7°29	22°43	7°41	24°36	23°48	1°10	18°28	23° 9	9° 4	9°35	9°25	n.a.	W15
T 16	17 17 50	18°55'48	10♍11	9°32	23°54	8° 2	24°45	23°47	1° 7	18°28	23°10	9°D 4	9°32	9°32	n.a.	T 16
F 17	17 21 46	19°52'59	24° 6	11°37	25° 5	8°23	24°53	23°46	1° 5	18°28	23°12	9°R 4	9°29	9°39	n.a.	F 17
S 18	17 25 43	20°50'10	7♎45	13°43	26°16	8°45	25° 2	23°46	1° 3	18°29	23°13	9° 3	9°25	9°45	n.a.	S 18
S 19	17 29 39	21°47'21	21°10	15°50	27°27	9° 8	25°10	23°45	1° 0	18°29	23°15	9° 0	9°22	9°52	n.a.	S 19
M20	17 33 36	22°44'33	4♏22	17°57	28°37	9°30	25°19	23°44	0°58	18°29	23°17	8°55	9°19	9°59	n.a.	M20
T 21	17 37 32	23°41'45	17°21	20° 4	29°48	9°54	25°28	23°43	0°55	18°29	23°19	8°47	9°16	10° 5	n.a.	T 21
W22	17 41 29	24°38'57	0♐ 9	22°12	0♌59	10°18	25°37	23°42	0°53	18°29	23°20	8°36	9°13	10°12	n.a.	W22
T 23	17 45 25	25°36'11	12°45	24°20	2°10	10°42	25°46	23°40	0°51	18°30	23°22	8°25	9° 9	10°19	n.a.	T 23
F 24	17 49 22	26°33'25	25°10	26°27	3°20	11° 6	25°55	23°39	0°48	18°30	23°24	8°12	9° 6	10°25	n.a.	F 24
S 25	17 53 19	27°30'39	7♑24	28°33	4°31	11°32	26° 5	23°37	0°46	18°30	23°26	8° 1	9° 3	10°32	n.a.	S 25
S 26	17 57 15	28°27'55	19°28	0♋38	5°41	11°57	26°14	23°36	0°43	18°30	23°27	7°50	9° 0	10°39	n.a.	S 26
M27	18 1 12	29°25'11	1♒24	2°43	6°52	12°23	26°24	23°34	0°41	18°R30	23°29	7°43	8°57	10°45	n.a.	M27
T 28	18 5 8	0♋22'29	13°14	4°46	8° 2	12°49	26°33	23°32	0°39	18°30	23°31	7°37	8°54	10°52	n.a.	T 28
W29	18 9 5	1°19'48	25° 2	6°48	9°12	13°16	26°43	23°31	0°36	18°30	23°33	7°35	8°50	10°59	n.a.	W29
T 30	18 13 1	2♋17'07	6♓50	8♋48	10♌22	13♎43	26♌53	23♒29	0♑34	18♓30	23♋34	7°D34	8♍47	11♒ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n19	14s 4	2n 1	13n45	2s28	25n22	1n47	2s 5	0s38	15n20	1n21	15s29	1s50	24s 5	0s23	6s14	1s42	31n21	9n44	7n46	7n47	15s51		n.a.
T 2	21 30	11 8	1 2	14 20	2 17	25 19	1 48	2 12	0 40	15 18	1 21	15 29	1 50	24 6	0 23	6 13	1 42	31 21	9 43	7 47	7 48	15 50		n.a.
F 3	21 40	7 43	0s 1	14 55	2 6	25 15	1 48	2 20	0 42	15 16	1 21	15 29	1 51	24 6	0 23	6 13	1 42	31 20	9 43	7 47	7 50	15 49		n.a.
S 4	21 49	3 56	1 5	15 31	1 54	25 11	1 49	2 27	0 44	15 13	1 21	15 29	1 51	24 6	0 23	6 13	1 42	31 20	9 43	7 47	7 51	15 48		n.a.
S 5	21 59	0n 6	2 7	16 7	1 43	25 6	1 49	2 35	0 46	15 11	1 21	15 29	1 51	24 6	0 23	6 13	1 42	31 20	9 43	7 47	7 52	15 47		n.a.
M 6	22 8	4 14	3 4	16 44	1 31	25 0	1 50	2 43	0 47	15 8	1 21	15 30	1 51	24 6	0 23	6 12	1 42	31 19	9 43	7 49	7 53	15 46		n.a.
T 7	22 16	8 17	3 54	17 21	1 19	24 53	1 50	2 51	0 49	15 5	1 20	15 30	1 52	24 6	0 23	6 12	1 42	31 19	9 43	7 51	7 54	15 45		n.a.
W 8	22 24	12 4	4 32	17 59	1 6	24 46	1 50	2 59	0 51	15 3	1 20	15 30	1 52	24 6	0 23	6 12	1 42	31 18	9 43	7 55	7 56	15 44		n.a.
T 9	22 32	15 17	4 55	18 36	0 54	24 37	1 50	3 7	0 53	15 0	1 20	15 30	1 52	24 6	0 23	6 12	1 42	31 18	9 43	7 59	7 57	15 43		n.a.
F 10	22 39	17 39	5 0	19 13	0 42	24 29	1 50	3 16	0 55	14 57	1 20	15 30	1 52	24 6	0 23	6 12	1 42	31 18	9 42	8 3	7 58	15 42		n.a.
S 11	22 46	18 56	4 46	19 50	0 30	24 19	1 50	3 25	0 56	14 54	1 20	15 31	1 53	24 6	0 23	6 12	1 42	31 17	9 42	8 7	7 59	15 41		n.a.
S 12	22 53	18 57	4 13	20 26	0 18	24 9	1 50	3 34	0 58	14 52	1 19	15 31	1 53	24 6	0 23	6 11	1 42	31 17	9 42	8 11	8 1	15 40		n.a.
M13	22 59	17 42	3 23	21 0	0 6	23 58	1 49	3 43	1 0	14 49	1 19	15 31	1 53	24 6	0 23	6 11	1 42	31 16	9 42	8 13	8 2	15 39		n.a.
T 14	23 5	15 16	2 20	21 34	0n 5	23 46	1 49	3 53	1 1	14 46	1 19	15 32	1 53	24 6	0 23	6 11	1 42	31 16	9 42	8 15	8 3	15 38		n.a.
W15	23 10	11 55	1 9	22 6	0 17	23 34	1 49	4 2	1 3	14 43	1 19	15 32	1 54	24 6	0 23	6 11	1 42	31 16	9 42	8 16	8 4	15 37		n.a.
T 16	23 15	7 56	0n 6	22 36	0 27	23 21	1 48	4 12	1 4	14 40	1 19	15 32	1 54	24 6	0 23	6 11	1 42	31 15	9 42	8 16	8 5	15 36		n.a.
F 17	23 20	3 35	1 19	23 4	0 37	23 8	1 47	4 22	1 6	14 37	1 19	15 33	1 54	24 6	0 23	6 11	1 43	31 15	9 42	8 16	8 7	15 35		n.a.
S 18	23 24	0s53	2 26	23 30	0 47	22 54	1 47	4 32	1 7	14 34	1 18	15 33	1 54	24 6	0 23	6 11	1 43	31 15	9 42	8 16	8 8	15 34		n.a.
S 19	23 28	5 13	3 23	23 53	0 56	22 39	1 46	4 43	1 9	14 31	1 18	15 34	1 55	24 6	0 23	6 11	1 43	31 14	9 42	8 17	8 9	15 33		n.a.
M20	23 31	9 13	4 9	24 15	1 4	22 24	1 45	4 53	1 10	14 28	1 18	15 34	1 55	24 6	0 23	6 11	1 43	31 14	9 42	8 19	8 10	15 32		n.a.
T 21	23 34	12 43	4 41	24 33	1 12	22 8	1 44	5 4	1 12	14 24	1 18	15 35	1 55	24 6	0 23	6 11	1 43	31 13	9 42	8 22	8 11	15 31		n.a.
W22	23 37	15 34	4 58	24 49	1 19	21 51	1 43	5 14	1 13	14 21	1 18	15 36	1 55	24 6	0 23	6 11	1 43	31 13	9 41	8 26	8 13	15 29		n.a.
T 23	23 39	17 38	5 1	25 2	1 25	21 34	1 42	5 25	1 14	14 18	1 18	15 36	1 56	24 6	0 23	6 11	1 43	31 13	9 41	8 31	8 14	15 28		n.a.
F 24	23 41	18 50	4 49	25 12	1 31	21 16	1 40	5 36	1 16	14 15	1 17	15 37	1 56	24 6	0 23	6 11	1 43	31 12	9 41	8 36	8 15	15 27		n.a.
S 25	23 42	19 8	4 23	25 19	1 36	20 58	1 39	5 47	1 17	14 11	1 17	15 38	1 56	24 6	0 23	6 11	1 43	31 12	9 41	8 40	8 16	15 26		n.a.
S 26	23 43	18 33	3 47	25 23	1 40	20 39	1 37	5 58	1 18	14 8	1 17	15 39	1 56	24 6	0 23	6 11	1 43	31 12	9 41	8 44	8 17	15 25		n.a.
M27	23 43	17 10	3 0	25 25	1 43	20 20	1 36	6 10	1 19	14 4	1 17	15 39	1 57	24 6	0 23	6 11	1 43	31 11	9 41	8 47	8 19	15 24		n.a.
T 28	23 44	15 2	2 6	25 24	1 46	20 0	1 34	6 21	1 21	14 1	1 17	15 40	1 57	24 6	0 23	6 11	1 43	31 11	9 41	8 49	8 20	15 23		n.a.
W29	23 43	12 17	1 6	25 20	1 48	19 39	1 33	6 33	1 22	13 57	1 17	15 41	1 57	24 6	0 23	6 11	1 43	31 10	9 41	8 50	8 21	15 22		n.a.
T 30	23n42	9s 3	0n 4	25n14	1n49	19n18	1n31	6s45	1s23	13n54	1n17	15s42	1s57	24s 6	0s23	6s11	1s43	31n10	9n41	8n50	8n22	15s21		n.a.

Julian Day Number = 1621495.5, Delta T = 03h47m15s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'52, Lahiri = - 7°43'52 Julian Calendar 1 June 274 BCE == Greg. Calendar 28 May 274 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

JULY 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 16 58	3♋14'28	18♓45	10♋47	11♌32	14♎10	27♌ 3	23°R27	0°R31	18°R29	23♋36	7♍34	8♍44	11♒12	n.a.	F 1
S 2	18 20 54	4°11'50	0♈51	12°45	12°42	14°38	27°13	23♒24	0♉29	18♓29	23°38	7°R35	8°41	11°19	n.a.	S 2
S 3	18 24 51	5° 9'14	13°13	14°41	13°52	15° 6	27°23	23°22	0°27	18°29	23°40	7°35	8°38	11°25	n.a.	S 3
M 4	18 28 48	6° 6'39	25°57	16°36	15° 2	15°35	27°33	23°20	0°24	18°29	23°42	7°33	8°35	11°32	n.a.	M 4
T 5	18 32 44	7° 4'05	9♉ 6	18°29	16°12	16° 4	27°43	23°18	0°22	18°29	23°44	7°29	8°31	11°39	n.a.	T 5
W 6	18 36 41	8° 1'32	22°43	20°20	17°22	16°33	27°53	23°15	0°19	18°28	23°46	7°23	8°28	11°45	n.a.	W 6
T 7	18 40 37	8°59'02	6♊49	22°10	18°32	17° 3	28° 4	23°12	0°17	18°28	23°47	7°15	8°25	11°52	n.a.	T 7
F 8	18 44 34	9°56'32	21°20	23°59	19°41	17°32	28°14	23°10	0°15	18°28	23°49	7° 6	8°22	11°59	n.a.	F 8
S 9	18 48 30	10°54'04	6♋11	25°46	20°51	18° 3	28°25	23° 7	0°12	18°27	23°51	6°57	8°19	12° 5	n.a.	S 9
S 10	18 52 27	11°51'37	21°13	27°31	22° 0	18°33	28°36	23° 4	0°10	18°27	23°53	6°50	8°15	12°12	n.a.	S 10
M11	18 56 23	12°49'11	6♌18	29°15	23°10	19° 4	28°46	23° 1	0° 8	18°26	23°55	6°45	8°12	12°19	n.a.	M11
T 12	19 0 20	13°46'46	21°15	0♌57	24°19	19°35	28°57	22°58	0° 5	18°26	23°57	6°42	8° 9	12°25	n.a.	T 12
W13	19 4 17	14°44'23	5♍57	2°38	25°28	20° 7	29° 8	22°55	0° 3	18°25	23°59	6°D41	8° 6	12°32	n.a.	W13
T 14	19 8 13	15°42'00	20°20	4°17	26°37	20°39	29°19	22°52	0° 1	18°25	24° 1	6°41	8° 3	12°39	n.a.	T 14
F 15	19 12 10	16°39'39	4♎22	5°55	27°46	21°11	29°30	22°49	29♐58	18°24	24° 3	6°42	8° 0	12°45	n.a.	F 15
S 16	19 16 6	17°37'18	18° 2	7°31	28°55	21°43	29°41	22°46	29°56	18°24	24° 4	6°R43	7°56	12°52	n.a.	S 16
S 17	19 20 3	18°34'59	1♏22	9° 5	0♍ 4	22°16	29°52	22°42	29°54	18°23	24° 6	6°42	7°53	12°59	n.a.	S 17
M18	19 23 59	19°32'41	14°24	10°39	1°13	22°49	0♍ 4	22°39	29°52	18°22	24° 8	6°39	7°50	13° 5	n.a.	M18
T 19	19 27 56	20°30'24	27° 9	12°10	2°21	23°22	0°15	22°35	29°50	18°22	24°10	6°35	7°47	13°12	n.a.	T 19
W20	19 31 52	21°28'09	9♐42	13°41	3°30	23°55	0°26	22°32	29°47	18°21	24°12	6°28	7°44	13°19	n.a.	W20
T 21	19 35 49	22°25'55	22° 3	15° 9	4°38	24°29	0°38	22°28	29°45	18°20	24°14	6°21	7°41	13°25	n.a.	T 21
F 22	19 39 46	23°23'42	4♑14	16°36	5°46	25° 3	0°49	22°24	29°43	18°19	24°16	6°13	7°37	13°32	n.a.	F 22
S 23	19 43 42	24°21'31	16°16	18° 2	6°54	25°37	1° 1	22°20	29°41	18°19	24°18	6° 5	7°34	13°39	n.a.	S 23
S 24	19 47 39	25°19'21	28°12	19°26	8° 3	26°11	1°13	22°17	29°39	18°18	24°20	5°59	7°31	13°45	n.a.	S 24
M25	19 51 35	26°17'13	10♒ 3	20°49	9°10	26°46	1°24	22°13	29°37	18°17	24°22	5°54	7°28	13°52	n.a.	M25
T 26	19 55 32	27°15'07	21°51	22°10	10°18	27°21	1°36	22° 9	29°35	18°16	24°24	5°51	7°25	13°59	n.a.	T 26
W27	19 59 28	28°13'02	3♓39	23°29	11°26	27°56	1°48	22° 5	29°33	18°15	24°26	5°D50	7°21	14° 5	n.a.	W27
T 28	20 3 25	29°11'00	15°29	24°46	12°33	28°32	2° 0	22° 1	29°31	18°14	24°28	5°50	7°18	14°12	n.a.	T 28
F 29	20 7 21	0♌ 8'59	27°25	26° 2	13°41	29° 7	2°12	21°56	29°29	18°13	24°30	5°52	7°15	14°18	n.a.	F 29
S 30	20 11 18	1° 7'00	9♈32	27°16	14°48	29°43	2°24	21°52	29°27	18°12	24°31	5°53	7°12	14°25	n.a.	S 30
S 31	20 15 15	2♌ 5'03	21♈53	28♌28	15♍55	0♏19	2♍36	21♒48	29♐25	18♓11	24♋33	5♍55	7♍ 9	14♒32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n41	5s25	0s59	25n 6	1n49	18n57	1n29	6s57	1s24	13n50	1n16	15s43	1s58	24s 6	0s23	6s11	1s43	31n10	9n41	8n50	8n23	15s20		n.a.
S 2	23 39	1 31	2 1	24 55	1 49	18 35	1 27	7 8	1 25	13 47	1 16	15 44	1 58	24 6	0 23	6 11	1 44	31 9	9 41	8 50	8 25	15 19		n.a.
S 3	23 37	2n32	2 59	24 42	1 49	18 13	1 25	7 21	1 26	13 43	1 16	15 45	1 58	24 6	0 23	6 12	1 44	31 9	9 41	8 50	8 26	15 18		n.a.
M 4	23 35	6 35	3 49	24 28	1 48	17 50	1 22	7 33	1 27	13 39	1 16	15 46	1 58	24 6	0 23	6 12	1 44	31 9	9 41	8 50	8 27	15 17		n.a.
T 5	23 32	10 27	4 29	24 11	1 46	17 27	1 20	7 45	1 28	13 36	1 16	15 47	1 58	24 6	0 23	6 12	1 44	31 8	9 41	8 52	8 28	15 16		n.a.
W 6	23 29	13 54	4 56	23 52	1 43	17 3	1 18	7 57	1 29	13 32	1 16	15 48	1 59	24 6	0 23	6 12	1 44	31 8	9 41	8 54	8 30	15 14		n.a.
T 7	23 25	16 41	5 5	23 32	1 41	16 39	1 15	8 10	1 30	13 28	1 16	15 49	1 59	24 7	0 23	6 12	1 44	31 8	9 41	8 57	8 31	15 13		n.a.
F 8	23 21	18 31	4 56	23 10	1 37	16 14	1 13	8 22	1 31	13 24	1 16	15 50	1 59	24 7	0 23	6 12	1 44	31 7	9 41	9 0	8 32	15 12		n.a.
S 9	23 16	19 8	4 27	22 46	1 33	15 49	1 10	8 35	1 32	13 20	1 15	15 51	1 59	24 7	0 23	6 13	1 44	31 7	9 41	9 4	8 33	15 11		n.a.
S 10	23 11	18 25	3 39	22 22	1 29	15 24	1 7	8 47	1 33	13 17	1 15	15 52	2 0	24 7	0 23	6 13	1 44	31 7	9 41	9 6	8 34	15 10		n.a.
M11	23 6	16 24	2 36	21 56	1 24	14 59	1 5	9 0	1 34	13 13	1 15	15 53	2 0	24 7	0 23	6 13	1 44	31 6	9 41	9 8	8 36	15 9		n.a.
T 12	23 0	13 18	1 22	21 29	1 19	14 33	1 2	9 13	1 35	13 9	1 15	15 55	2 0	24 7	0 23	6 13	1 44	31 6	9 41	9 10	8 37	15 8		n.a.
W13	22 54	9 23	0 4	21 0	1 14	14 6	0 59	9 26	1 36	13 5	1 15	15 56	2 0	24 7	0 23	6 14	1 44	31 6	9 41	9 10	8 38	15 7		n.a.
T 14	22 47	4 59	1n13	20 31	1 8	13 40	0 56	9 39	1 37	13 1	1 15	15 57	2 0	24 7	0 23	6 14	1 44	31 5	9 41	9 10	8 39	15 6		n.a.
F 15	22 40	0 26	2 24	20 1	1 2	13 13	0 52	9 52	1 38	12 57	1 15	15 58	2 1	24 7	0 23	6 14	1 44	31 5	9 41	9 9	8 40	15 5		n.a.
S 16	22 33	4s 1	3 24	19 30	0 56	12 45	0 49	10 5	1 38	12 53	1 15	16 0	2 1	24 7	0 23	6 14	1 44	31 5	9 41	9 9	8 42	15 3		n.a.
S 17	22 25	8 9	4 12	18 59	0 49	12 18	0 46	10 18	1 39	12 49	1 14	16 1	2 1	24 7	0 23	6 15	1 44	31 4	9 41	9 9	8 43	15 2		n.a.
M18	22 17	11 48	4 46	18 27	0 42	11 50	0 42	10 31	1 40	12 45	1 14	16 2	2 1	24 7	0 23	6 15	1 44	31 4	9 41	9 11	8 44	15 1		n.a.
T 19	22 8	14 49	5 4	17 54	0 35	11 22	0 39	10 44	1 41	12 40	1 14	16 4	2 1	24 7	0 23	6 15	1 45	31 4	9 41	9 12	8 45	15 0		n.a.
W20	21 59	17 6	5 8	17 21	0 27	10 54	0 35	10 57	1 41	12 36	1 14	16 5	2 2	24 7	0 23	6 16	1 45	31 3	9 41	9 15	8 46	14 59		n.a.
T 21	21 50	18 32	4 57	16 47	0 19	10 25	0 32	11 11	1 42	12 32	1 14	16 6	2 2	24 7	0 23	6 16	1 45	31 3	9 42	9 17	8 47	14 58		n.a.
F 22	21 40	19 7	4 33	16 13	0 11	9 56	0 28	11 24	1 43	12 28	1 14	16 8	2 2	24 7	0 23	6 16	1 45	31 3	9 42	9 20	8 49	14 57		n.a.
S 23	21 30	18 48	3 57	15 39	0 3	9 27	0 24	11 37	1 43	12 24	1 14	16 9	2 2	24 7	0 23	6 17	1 45	31 2	9 42	9 23	8 50	14 56		n.a.
S 24	21 20	17 40	3 10	15 5	0s 5	8 58	0 20	11 51	1 44	12 19	1 14	16 11	2 2	24 7	0 23	6 17	1 45	31 2	9 42	9 26	8 51	14 54		n.a.
M25	21 9	15 46	2 16	14 30	0 14	8 28	0 16	12 4	1 45	12 15	1 14	16 12	2 2	24 7	0 23	6 18	1 45	31 2	9 42	9 27	8 52	14 53		n.a.
T 26	20 58	13 12	1 15	13 56	0 23	7 59	0 12	12 17	1 45	12 11	1 14	16 14	2 3	24 7	0 23	6 18	1 45	31 2	9 42	9 29	8 53	14 52		n.a.
W27	20 46	10 6	0 12	13 21	0 32	7 29	0 8	12 31	1 46	12 6	1 14	16 15	2 3	24 7	0 23	6 18	1 45	31 1	9 42	9 29	8 55	14 51		n.a.
T 28	20 34	6 36	0s53	12 47	0 41	6 59	0 4	12 44	1 47	12 2	1 13	16 17	2 3	24 7	0 23	6 19	1 45	31 1	9 42	9 29	8 56	14 50		n.a.
F 29	20 22	2 48	1 55	12 13	0 50	6 29	0s 0	12 57	1 47	11 57	1 13	16 18	2 3	24 6	0 23	6 19	1 45	31 1	9 42	9 28	8 57	14 49		n.a.
S 30	20 9	1n10	2 54	11 39	0 59	5 59	0 5	13 11	1 48	11 53	1 13	16 20	2 3	24 6	0 23	6 20	1 45	31 0	9 42	9 28	8 58	14 48		n.a.
S 31	19n56	5n 8	3s46	11n 5	1s 8	5n29	0s 9	13s24	1s48	11n49	1n13	16s21	2s 3	24s 6	0s23	6s20	1s45	31n 0	9n42	9n27	8n59	14s46		n.a.

Julian Day Number = 1621525.5, Delta T = 03h47m14s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'48, Lahiri = - 7°43'48 Julian Calendar 1 July 274 BCE == Greg. Calendar 27 June 274 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

AUGUST 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 19 11	3♌ 3'08	4♉34	29♌38	17♍ 2	0♏55	2♍48	21°R44	29°R23	18°R10	24♋35	5°R55	7♍ 6	14♒38	n.a.	M 1
T 2	20 23 8	4° 1'15	17°39	0♍46	18° 9	1°32	3° 0	21♒40	29♐21	18♓ 9	24°37	5♍54	7° 2	14°45	n.a.	T 2
W 3	20 27 4	4°59'25	1♊11	1°52	19°16	2° 8	3°12	21°35	29°19	18° 8	24°39	5°52	6°59	14°52	n.a.	W 3
T 4	20 31 1	5°57'36	15°11	2°55	20°22	2°45	3°24	21°31	29°18	18° 7	24°41	5°49	6°56	14°58	n.a.	T 4
F 5	20 34 57	6°55'50	29°38	3°56	21°29	3°22	3°36	21°26	29°16	18° 6	24°43	5°45	6°53	15° 5	n.a.	F 5
S 6	20 38 54	7°54'06	14♋28	4°55	22°35	4° 0	3°49	21°22	29°14	18° 5	24°45	5°41	6°50	15°12	n.a.	S 6
S 7	20 42 50	8°52'24	29°34	5°51	23°41	4°37	4° 1	21°17	29°12	18° 3	24°47	5°37	6°46	15°18	n.a.	S 7
M 8	20 46 47	9°50'43	14♌47	6°44	24°47	5°15	4°14	21°13	29°11	18° 2	24°49	5°35	6°43	15°25	n.a.	M 8
T 9	20 50 44	10°49'05	29°57	7°34	25°53	5°53	4°26	21° 8	29° 9	18° 1	24°50	5°D34	6°40	15°32	n.a.	T 9
W10	20 54 40	11°47'28	14♍55	8°21	26°59	6°31	4°38	21° 4	29° 8	18° 0	24°52	5°34	6°37	15°38	n.a.	W10
T 11	20 58 37	12°45'53	29°33	9° 4	28° 4	7° 9	4°51	20°59	29° 6	17°58	24°54	5°35	6°34	15°45	n.a.	T 11
F 12	21 2 33	13°44'20	13♎48	9°43	29° 9	7°47	5° 4	20°55	29° 5	17°57	24°56	5°37	6°31	15°52	n.a.	F 12
S 13	21 6 30	14°42'48	27°37	10°18	0♎14	8°26	5°16	20°50	29° 3	17°56	24°58	5°38	6°27	15°58	n.a.	S 13
S 14	21 10 26	15°41'19	11♏ 0	10°49	1°19	9° 5	5°29	20°45	29° 2	17°54	25° 0	5°R39	6°24	16° 5	n.a.	S 14
M15	21 14 23	16°39'50	24° 1	11°15	2°24	9°43	5°41	20°41	29° 0	17°53	25° 2	5°38	6°21	16°12	n.a.	M15
T 16	21 18 19	17°38'24	6♐42	11°37	3°28	10°23	5°54	20°36	28°59	17°52	25° 3	5°37	6°18	16°18	n.a.	T 16
W17	21 22 16	18°37'00	19° 6	11°53	4°32	11° 2	6° 7	20°31	28°58	17°50	25° 5	5°36	6°15	16°25	n.a.	W17
T 18	21 26 12	19°35'37	1♑17	12° 3	5°36	11°41	6°20	20°27	28°56	17°49	25° 7	5°33	6°12	16°32	n.a.	T 18
F 19	21 30 9	20°34'16	13°19	12°R 7	6°40	12°21	6°32	20°22	28°55	17°47	25° 9	5°31	6° 8	16°38	n.a.	F 19
S 20	21 34 6	21°32'57	25°13	12° 5	7°44	13° 0	6°45	20°17	28°54	17°46	25°10	5°29	6° 5	16°45	n.a.	S 20
S 21	21 38 2	22°31'40	7♒ 3	11°56	8°47	13°40	6°58	20°13	28°53	17°44	25°12	5°27	6° 2	16°52	n.a.	S 21
M22	21 41 59	23°30'25	18°52	11°40	9°50	14°20	7°11	20° 8	28°52	17°43	25°14	5°26	5°59	16°58	n.a.	M22
T 23	21 45 55	24°29'12	0♓41	11°17	10°53	15° 0	7°24	20° 3	28°51	17°41	25°16	5°D25	5°56	17° 5	n.a.	T 23
W24	21 49 52	25°28'02	12°32	10°46	11°55	15°41	7°37	19°59	28°50	17°40	25°17	5°25	5°52	17°12	n.a.	W24
T 25	21 53 48	26°26'53	24°28	10° 9	12°57	16°21	7°50	19°54	28°49	17°38	25°19	5°26	5°49	17°18	n.a.	T 25
F 26	21 57 45	27°25'47	6♈31	9°24	13°59	17° 2	8° 2	19°49	28°48	17°37	25°21	5°27	5°46	17°25	n.a.	F 26
S 27	22 1 41	28°24'42	18°44	8°33	15° 1	17°42	8°15	19°45	28°47	17°35	25°23	5°28	5°43	17°31	n.a.	S 27
S 28	22 5 38	29°23'41	1♉11	7°36	16° 2	18°23	8°28	19°40	28°46	17°34	25°24	5°28	5°40	17°38	n.a.	S 28
M29	22 9 35	0♍22'41	13°54	6°34	17° 3	19° 4	8°41	19°36	28°46	17°32	25°26	5°29	5°37	17°45	n.a.	M29
T 30	22 13 31	1°21'44	26°56	5°29	18° 4	19°45	8°54	19°31	28°45	17°31	25°27	5°R29	5°33	17°51	n.a.	T 30
W31	22 17 28	2♍20'50	10♊21	4♍21	19♎ 4	20♏26	9♍ 7	19♒26	28♐44	17♓29	25♋29	5♍29	5♍30	17♒58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n43	9n 0	4s28	10n31	1s18	4n58	0s14	13s38	1s49	11n44	1n13	16s23	2s 4	24s 6	0s23	6s21	1s45	31n 0	9n42	9n27	9n 1	14s45		n.a.
T 2	19 29	12 32	4 58	9 58	1 27	4 28	0 18	13 51	1 49	11 40	1 13	16 24	2 4	24 6	0 23	6 21	1 45	31 0	9 43	9 27	9 2	14 44		n.a.
W 3	19 15	15 33	5 13	9 26	1 37	3 57	0 23	14 4	1 50	11 35	1 13	16 26	2 4	24 6	0 23	6 22	1 45	30 59	9 43	9 28	9 3	14 43		n.a.
T 4	19 0	17 46	5 9	8 54	1 46	3 26	0 27	14 18	1 50	11 31	1 13	16 27	2 4	24 6	0 23	6 22	1 45	30 59	9 43	9 29	9 4	14 42		n.a.
F 5	18 46	18 57	4 47	8 23	1 56	2 56	0 32	14 31	1 51	11 26	1 13	16 29	2 4	24 6	0 23	6 22	1 45	30 59	9 43	9 31	9 5	14 41		n.a.
S 6	18 31	18 52	4 5	7 53	2 5	2 25	0 37	14 44	1 51	11 21	1 13	16 30	2 4	24 6	0 23	6 23	1 45	30 59	9 43	9 32	9 7	14 39		n.a.
S 7	18 15	17 28	3 5	7 23	2 15	1 54	0 42	14 57	1 51	11 17	1 13	16 32	2 4	24 6	0 23	6 24	1 46	30 58	9 43	9 34	9 8	14 38		n.a.
M 8	18 0	14 49	1 52	6 55	2 24	1 23	0 47	15 11	1 52	11 12	1 13	16 34	2 4	24 6	0 23	6 24	1 46	30 58	9 43	9 34	9 9	14 37		n.a.
T 9	17 44	11 8	0 31	6 28	2 33	0 52	0 52	15 24	1 52	11 7	1 13	16 35	2 5	24 6	0 23	6 25	1 46	30 58	9 44	9 35	9 10	14 36		n.a.
W10	17 27	6 48	0n51	6 2	2 42	0 21	0 57	15 37	1 53	11 3	1 13	16 37	2 5	24 6	0 23	6 25	1 46	30 58	9 44	9 35	9 11	14 35		n.a.
T 11	17 11	2 8	2 9	5 38	2 51	0s10	1 2	15 50	1 53	10 58	1 13	16 38	2 5	24 6	0 23	6 26	1 46	30 58	9 44	9 34	9 13	14 33		n.a.
F 12	16 54	2s30	3 16	5 15	3 0	0 41	1 7	16 3	1 53	10 53	1 12	16 40	2 5	24 6	0 23	6 26	1 46	30 57	9 44	9 34	9 14	14 32		n.a.
S 13	16 37	6 52	4 9	4 54	3 8	1 11	1 12	16 16	1 53	10 49	1 12	16 42	2 5	24 6	0 23	6 27	1 46	30 57	9 44	9 33	9 15	14 31		n.a.
S 14	16 19	10 45	4 47	4 35	3 16	1 42	1 17	16 29	1 54	10 44	1 12	16 43	2 5	24 6	0 23	6 27	1 46	30 57	9 44	9 33	9 16	14 30		n.a.
M15	16 2	14 0	5 10	4 18	3 23	2 13	1 22	16 42	1 54	10 39	1 12	16 45	2 5	24 6	0 23	6 28	1 46	30 57	9 44	9 33	9 17	14 29		n.a.
T 16	15 44	16 30	5 16	4 3	3 31	2 44	1 27	16 55	1 54	10 34	1 12	16 46	2 5	24 6	0 23	6 29	1 46	30 57	9 45	9 34	9 18	14 27		n.a.
W17	15 26	18 10	5 7	3 51	3 37	3 14	1 33	17 8	1 55	10 30	1 12	16 48	2 5	24 6	0 23	6 29	1 46	30 56	9 45	9 34	9 20	14 26		n.a.
T 18	15 7	18 58	4 45	3 42	3 43	3 45	1 38	17 20	1 55	10 25	1 12	16 50	2 5	24 6	0 23	6 30	1 46	30 56	9 45	9 35	9 21	14 25		n.a.
F 19	14 48	18 54	4 10	3 36	3 48	4 15	1 43	17 33	1 55	10 20	1 12	16 51	2 5	24 6	0 23	6 30	1 46	30 56	9 45	9 36	9 22	14 24		n.a.
S 20	14 29	17 59	3 25	3 33	3 52	4 46	1 49	17 45	1 55	10 15	1 12	16 53	2 6	24 6	0 23	6 31	1 46	30 56	9 45	9 37	9 23	14 23		n.a.
S 21	14 10	16 18	2 31	3 33	3 55	5 16	1 54	17 58	1 55	10 10	1 12	16 54	2 6	24 6	0 23	6 32	1 46	30 56	9 46	9 37	9 24	14 21		n.a.
M22	13 51	13 55	1 31	3 38	3 57	5 46	1 59	18 10	1 56	10 5	1 12	16 56	2 6	24 6	0 23	6 32	1 46	30 56	9 46	9 38	9 26	14 20		n.a.
T 23	13 31	10 57	0 26	3 46	3 57	6 16	2 5	18 22	1 56	10 1	1 12	16 57	2 6	24 6	0 23	6 33	1 46	30 55	9 46	9 38	9 27	14 19		n.a.
W24	13 11	7 33	0s39	3 58	3 56	6 46	2 10	18 35	1 56	9 56	1 12	16 59	2 6	24 6	0 23	6 33	1 46	30 55	9 46	9 38	9 28	14 18		n.a.
T 25	12 51	3 49	1 44	4 15	3 54	7 15	2 16	18 47	1 56	9 51	1 12	17 0	2 6	24 6	0 23	6 34	1 46	30 55	9 46	9 38	9 29	14 16		n.a.
F 26	12 31	0n 6	2 44	4 36	3 50	7 45	2 21	18 59	1 56	9 46	1 12	17 2	2 6	24 6	0 23	6 35	1 46	30 55	9 47	9 38	9 30	14 15		n.a.
S 27	12 10	4 4	3 38	5 1	3 43	8 14	2 27	19 10	1 56	9 41	1 12	17 3	2 6	24 6	0 23	6 35	1 46	30 55	9 47	9 37	9 32	14 14		n.a.
S 28	11 49	7 55	4 23	5 30	3 35	8 43	2 32	19 22	1 56	9 36	1 12	17 5	2 6	24 6	0 23	6 36	1 46	30 55	9 47	9 37	9 33	14 13		n.a.
M29	11 28	11 30	4 56	6 2	3 25	9 12	2 38	19 34	1 56	9 31	1 12	17 6	2 6	24 6	0 23	6 37	1 46	30 55	9 47	9 37	9 34	14 12		n.a.
T 30	11 7	14 36	5 15	6 38	3 13	9 40	2 43	19 45	1 57	9 26	1 12	17 8	2 6	24 6	0 23	6 37	1 46	30 55	9 48	9 37	9 35	14 10		n.a.
W31	10n46	17n 2	5s17	7n15	2s59	10s 9	2s48	19s57	1s57	9n21	1n12	17s 9	2s 6	24s 6	0s23	6s38	1s46	30n55	9n48	9n37	9n36	14s 9		n.a.

Julian Day Number = 1621556.5, Delta T = 03h47m13s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'44, Lahiri = - 7°43'44 Julian Calendar 1 Aug. 274 BCE == Greg. Calendar 28 July 274 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

SEPTEMBER 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 21 24	3♍19'58	24♊10	3°R13	20♎ 4	21♏ 8	9♍20	19°R22	28°R44	17°R27	25♋31	5°R29	5♍27	18♒ 5	n.a.	T 1
F 2	22 25 21	4°19'08	8♋23	2♍ 6	21° 4	21°49	9°33	19♒18	28♐43	17♓26	25°32	5♍29	5°24	18°11	n.a.	F 2
S 3	22 29 17	5°18'21	22°59	1° 1	22° 3	22°31	9°47	19°13	28°43	17°24	25°34	5°D28	5°21	18°18	n.a.	S 3
S 4	22 33 14	6°17'36	7♌53	0° 2	23° 2	23°13	10° 0	19° 9	28°42	17°22	25°35	5°29	5°18	18°25	n.a.	S 4
M 5	22 37 10	7°16'54	22°58	29♌ 9	24° 1	23°54	10°13	19° 4	28°42	17°21	25°37	5°29	5°14	18°31	n.a.	M 5
T 6	22 41 7	8°16'13	8♍ 6	28°23	24°59	24°36	10°26	19° 0	28°41	17°19	25°38	5°R29	5°11	18°38	n.a.	T 6
W 7	22 45 3	9°15'35	23° 7	27°47	25°56	25°18	10°39	18°56	28°41	17°17	25°40	5°29	5° 8	18°45	n.a.	W 7
T 8	22 49 0	10°14'59	7♎54	27°21	26°54	26° 1	10°52	18°52	28°41	17°16	25°41	5°28	5° 5	18°51	n.a.	T 8
F 9	22 52 57	11°14'25	22°19	27° 5	27°50	26°43	11° 5	18°48	28°40	17°14	25°43	5°28	5° 2	18°58	n.a.	F 9
S 10	22 56 53	12°13'53	6♏18	27°D 0	28°47	27°25	11°18	18°43	28°40	17°12	25°44	5°27	4°58	19° 5	n.a.	S 10
S 11	23 0 50	13°13'22	19°50	27° 6	29°43	28° 8	11°31	18°39	28°40	17°11	25°46	5°26	4°55	19°11	n.a.	S 11
M12	23 4 46	14°12'54	2♐56	27°23	0♏38	28°50	11°44	18°35	28°40	17° 9	25°47	5°26	4°52	19°18	n.a.	M12
T 13	23 8 43	15°12'27	15°39	27°49	1°33	29°33	11°57	18°31	28°D40	17° 7	25°49	5°D25	4°49	19°25	n.a.	T 13
W14	23 12 39	16°12'03	28° 2	28°25	2°27	0♐16	12°10	18°28	28°40	17° 6	25°50	5°26	4°46	19°31	n.a.	W14
T 15	23 16 36	17°11'40	10♑ 9	29°10	3°21	0°59	12°23	18°24	28°40	17° 4	25°51	5°26	4°43	19°38	n.a.	T 15
F 16	23 20 32	18°11'19	22° 6	0♍ 4	4°14	1°42	12°37	18°20	28°40	17° 2	25°53	5°27	4°39	19°44	n.a.	F 16
S 17	23 24 29	19°11'00	3♒56	1° 4	5° 6	2°25	12°50	18°16	28°41	17° 1	25°54	5°29	4°36	19°51	n.a.	S 17
S 18	23 28 26	20°10'43	15°44	2°11	5°58	3° 8	13° 3	18°13	28°41	16°59	25°55	5°30	4°33	19°58	n.a.	S 18
M19	23 32 22	21°10'28	27°33	3°23	6°49	3°51	13°16	18° 9	28°41	16°57	25°56	5°31	4°30	20° 4	n.a.	M19
T 20	23 36 19	22°10'14	9♓25	4°41	7°39	4°35	13°29	18° 6	28°41	16°56	25°58	5°R31	4°27	20°11	n.a.	T 20
W21	23 40 15	23°10'03	21°24	6° 3	8°29	5°18	13°42	18° 2	28°42	16°54	25°59	5°30	4°23	20°18	n.a.	W21
T 22	23 44 12	24° 9'54	3♈31	7°28	9°18	6° 1	13°55	17°59	28°42	16°52	26° 0	5°29	4°20	20°24	n.a.	T 22
F 23	23 48 8	25° 9'47	15°47	8°57	10° 6	6°45	14° 8	17°56	28°43	16°51	26° 1	5°26	4°17	20°31	n.a.	F 23
S 24	23 52 5	26° 9'42	28°15	10°28	10°53	7°29	14°21	17°53	28°43	16°49	26° 2	5°23	4°14	20°38	n.a.	S 24
S 25	23 56 1	27° 9'39	10♉55	12° 1	11°39	8°12	14°34	17°50	28°44	16°47	26° 3	5°19	4°11	20°44	n.a.	S 25
M26	23 59 58	28° 9'38	23°49	13°35	12°25	8°56	14°47	17°47	28°45	16°46	26° 4	5°16	4° 8	20°51	n.a.	M26
T 27	0 3 54	29° 9'40	6♊57	15°11	13° 9	9°40	14°59	17°44	28°45	16°44	26° 6	5°14	4° 4	20°58	n.a.	T 27
W28	0 7 51	0♎ 9'44	20°22	16°49	13°53	10°24	15°12	17°41	28°46	16°42	26° 7	5°12	4° 1	21° 4	n.a.	W28
T 29	0 11 48	1° 9'50	4♋ 3	18°26	14°36	11° 8	15°25	17°38	28°47	16°41	26° 8	5°D12	3°58	21°11	n.a.	T 29
F 30	0 15 44	2♎ 9'59	18♋ 3	20♍ 5	15♏17	11♐52	15♍38	17♒35	28♐48	16♓39	26♋ 9	5♍12	3♍55	21♒18	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n24	18n35	5s 1	7n55	2s43	10s37	2s54	20s 8	1s57	9n16	1n12	17s11	2s 6	24s 6	0s23	6s39	1s46	30n55	9n48	9n37	9n37	14s 8		n.a.
F 2	10 3	19 1	4 27	8 35	2 26	11 5	2 59	20 19	1 57	9 11	1 12	17 12	2 6	24 6	0 23	6 39	1 46	30 54	9 48	9 37	9 39	14 7		n.a.
S 3	9 41	18 12	3 35	9 16	2 7	11 32	3 5	20 30	1 57	9 6	1 12	17 14	2 6	24 6	0 23	6 40	1 46	30 54	9 49	9 37	9 40	14 5		n.a.
S 4	9 19	16 8	2 28	9 55	1 48	12 0	3 10	20 41	1 57	9 1	1 12	17 15	2 6	24 6	0 23	6 41	1 46	30 54	9 49	9 37	9 41	14 4		n.a.
M 5	8 56	12 56	1 9	10 33	1 28	12 27	3 16	20 51	1 57	8 56	1 12	17 16	2 6	24 6	0 23	6 41	1 46	30 54	9 49	9 37	9 42	14 3		n.a.
T 6	8 34	8 51	0n15	11 7	1 7	12 53	3 21	21 2	1 57	8 51	1 12	17 18	2 6	24 6	0 23	6 42	1 46	30 54	9 49	9 37	9 43	14 2		n.a.
W 7	8 12	4 14	1 37	11 39	0 47	13 20	3 26	21 12	1 57	8 46	1 12	17 19	2 6	24 6	0 23	6 43	1 46	30 54	9 50	9 37	9 44	14 0		n.a.
T 8	7 49	0s34	2 51	12 6	0 28	13 46	3 32	21 22	1 57	8 41	1 12	17 20	2 6	24 6	0 23	6 43	1 46	30 54	9 50	9 37	9 46	13 59		n.a.
F 9	7 26	5 12	3 52	12 30	0 9	14 12	3 37	21 32	1 56	8 36	1 12	17 22	2 6	24 6	0 23	6 44	1 46	30 54	9 50	9 37	9 47	13 58		n.a.
S 10	7 3	9 25	4 38	12 48	0n 9	14 37	3 42	21 42	1 56	8 31	1 12	17 23	2 6	24 6	0 23	6 45	1 47	30 54	9 50	9 37	9 48	13 56		n.a.
S 11	6 40	13 0	5 6	13 2	0 26	15 2	3 47	21 52	1 56	8 26	1 12	17 24	2 6	24 6	0 23	6 45	1 47	30 54	9 51	9 38	9 49	13 55		n.a.
M12	6 17	15 48	5 17	13 10	0 41	15 27	3 52	22 2	1 56	8 21	1 12	17 25	2 6	24 6	0 23	6 46	1 47	30 54	9 51	9 38	9 50	13 54		n.a.
T 13	5 54	17 46	5 13	13 14	0 55	15 51	3 57	22 11	1 56	8 16	1 12	17 27	2 6	24 6	0 23	6 47	1 47	30 54	9 51	9 38	9 52	13 53		n.a.
W14	5 30	18 49	4 53	13 13	1 8	16 15	4 2	22 20	1 56	8 11	1 12	17 28	2 6	24 6	0 23	6 47	1 47	30 54	9 52	9 38	9 53	13 51		n.a.
T 15	5 7	18 59	4 21	13 8	1 19	16 39	4 7	22 29	1 56	8 6	1 12	17 29	2 6	24 6	0 23	6 48	1 47	30 54	9 52	9 38	9 54	13 50		n.a.
F 16	4 43	18 18	3 38	12 58	1 29	17 2	4 12	22 38	1 56	8 1	1 12	17 30	2 6	24 6	0 23	6 49	1 47	30 54	9 52	9 37	9 55	13 49		n.a.
S 17	4 20	16 48	2 46	12 44	1 37	17 24	4 17	22 47	1 56	7 56	1 12	17 31	2 5	24 6	0 23	6 49	1 47	30 54	9 52	9 37	9 56	13 47		n.a.
S 18	3 56	14 36	1 48	12 26	1 44	17 46	4 22	22 55	1 55	7 51	1 12	17 32	2 5	24 6	0 23	6 50	1 47	30 54	9 53	9 36	9 57	13 46		n.a.
M19	3 32	11 47	0 44	12 5	1 50	18 8	4 26	23 3	1 55	7 46	1 12	17 33	2 5	24 6	0 23	6 51	1 47	30 54	9 53	9 36	9 59	13 45		n.a.
T 20	3 9	8 28	0s22	11 41	1 54	18 29	4 31	23 11	1 55	7 41	1 12	17 34	2 5	24 6	0 23	6 51	1 47	30 54	9 53	9 36	10 0	13 44		n.a.
W21	2 45	4 47	1 27	11 13	1 58	18 50	4 35	23 19	1 55	7 36	1 12	17 35	2 5	24 6	0 23	6 52	1 47	30 54	9 54	9 36	10 1	13 42		n.a.
T 22	2 21	0 51	2 29	10 43	2 0	19 10	4 40	23 27	1 55	7 31	1 12	17 36	2 5	24 6	0 23	6 53	1 47	30 54	9 54	9 37	10 2	13 41		n.a.
F 23	1 57	3n 9	3 25	10 11	2 2	19 30	4 44	23 34	1 54	7 26	1 12	17 37	2 5	24 6	0 23	6 53	1 47	30 55	9 54	9 38	10 3	13 40		n.a.
S 24	1 33	7 4	4 11	9 37	2 2	19 49	4 48	23 42	1 54	7 21	1 12	17 38	2 5	24 6	0 23	6 54	1 47	30 55	9 55	9 39	10 4	13 38		n.a.
S 25	1 9	10 44	4 47	9 1	2 2	20 8	4 52	23 49	1 54	7 16	1 13	17 39	2 5	24 6	0 22	6 54	1 47	30 55	9 55	9 40	10 6	13 37		n.a.
M26	0 44	13 58	5 9	8 23	2 1	20 26	4 56	23 55	1 54	7 11	1 13	17 40	2 5	24 6	0 22	6 55	1 47	30 55	9 55	9 41	10 7	13 36		n.a.
T 27	0 20	16 34	5 15	7 44	1 59	20 44	5 0	24 2	1 53	7 6	1 13	17 41	2 5	24 6	0 22	6 56	1 47	30 55	9 56	9 42	10 8	13 34		n.a.
W28	0s 4	18 19	5 4	7 4	1 57	21 1	5 3	24 8	1 53	7 1	1 13	17 42	2 5	24 6	0 22	6 56	1 47	30 55	9 56	9 43	10 9	13 33		n.a.
T 29	0 28	19 4	4 36	6 22	1 54	21 17	5 7	24 14	1 53	6 56	1 13	17 42	2 5	24 6	0 22	6 57	1 47	30 55	9 56	9 43	10 10	13 32		n.a.
F 30	0s52	18n41	3s51	5n40	1n51	21s33	5s10	24s20	1s52	6n51	1n13	17s43	2s 4	24s 6	0s22	6s58	1s46	30n55	9n57	9n43	10n11	13s30		n.a.

Julian Day Number = 1621587.5, Delta T = 03h47m12s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'40, Lahiri = - 7°43'39 Julian Calendar 1 Sept. 274 BCE == Greg. Calendar 28 Aug. 274 BCE

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

OCTOBER 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 19 41	3♎10'09	2♌19	21♍44	15♏58	12♐36	15♍51	17°R33	28♐49	16°R38	26♋10	5♍14	3♍52	21♒24	n.a.	S 1
S 2	0 23 37	4°10'22	16°51	23°23	16°37	13°20	16° 4	17♒30	28°50	16♓36	26°10	5°15	3°49	21°31	n.a.	S 2
M 3	0 27 34	5°10'37	1♍35	25° 2	17°15	14° 5	16°16	17°28	28°51	16°34	26°11	5°R16	3°45	21°38	n.a.	M 3
T 4	0 31 30	6°10'55	16°24	26°41	17°52	14°49	16°29	17°26	28°52	16°33	26°12	5°16	3°42	21°44	n.a.	T 4
W 5	0 35 27	7°11'14	1♎13	28°21	18°28	15°34	16°42	17°24	28°53	16°31	26°13	5°14	3°39	21°51	n.a.	W 5
T 6	0 39 23	8°11'34	15°53	29°59	19° 2	16°18	16°54	17°21	28°54	16°30	26°14	5°10	3°36	21°57	n.a.	T 6
F 7	0 43 20	9°11'57	0♏17	1♎39	19°35	17° 3	17° 7	17°19	28°55	16°28	26°15	5° 5	3°33	22° 4	n.a.	F 7
S 8	0 47 17	10°12'22	14°19	3°17	20° 7	17°47	17°20	17°18	28°56	16°27	26°15	4°59	3°29	22°11	n.a.	S 8
S 9	0 51 13	11°12'48	27°57	4°56	20°37	18°32	17°32	17°16	28°58	16°25	26°16	4°54	3°26	22°17	n.a.	S 9
M10	0 55 10	12°13'15	11♐ 8	6°34	21° 6	19°17	17°45	17°14	28°59	16°24	26°17	4°49	3°23	22°24	n.a.	M10
T 11	0 59 6	13°13'45	23°55	8°12	21°33	20° 1	17°57	17°12	29° 0	16°22	26°18	4°45	3°20	22°31	n.a.	T 11
W12	1 3 3	14°14'15	6♑20	9°49	21°58	20°46	18°10	17°11	29° 2	16°21	26°18	4°43	3°17	22°37	n.a.	W12
T 13	1 6 59	15°14'47	18°29	11°26	22°21	21°31	18°22	17°10	29° 3	16°19	26°19	4°D43	3°14	22°44	n.a.	T 13
F 14	1 10 56	16°15'21	0♒25	13° 3	22°43	22°16	18°34	17° 8	29° 5	16°18	26°19	4°44	3°10	22°51	n.a.	F 14
S 15	1 14 52	17°15'56	12°14	14°40	23° 3	23° 1	18°47	17° 7	29° 7	16°17	26°20	4°46	3° 7	22°57	n.a.	S 15
S 16	1 18 49	18°16'32	24° 1	16°16	23°20	23°46	18°59	17° 6	29° 8	16°15	26°21	4°47	3° 4	23° 4	n.a.	S 16
M17	1 22 46	19°17'09	5♓51	17°52	23°36	24°31	19°11	17° 5	29°10	16°14	26°21	4°R48	3° 1	23°11	n.a.	M17
T 18	1 26 42	20°17'48	17°49	19°28	23°50	25°16	19°23	17° 4	29°12	16°13	26°21	4°47	2°58	23°17	n.a.	T 18
W19	1 30 39	21°18'28	29°56	21° 4	24° 1	26° 1	19°35	17° 3	29°13	16°11	26°22	4°43	2°54	23°24	n.a.	W19
T 20	1 34 35	22°19'10	12♈16	22°39	24°11	26°46	19°47	17° 3	29°15	16°10	26°22	4°38	2°51	23°31	n.a.	T 20
F 21	1 38 32	23°19'53	24°49	24°14	24°18	27°32	19°59	17° 2	29°17	16° 9	26°23	4°31	2°48	23°37	n.a.	F 21
S 22	1 42 28	24°20'38	7♉37	25°49	24°22	28°17	20°11	17° 2	29°19	16° 7	26°23	4°22	2°45	23°44	n.a.	S 22
S 23	1 46 25	25°21'24	20°39	27°23	24°R25	29° 2	20°23	17° 1	29°21	16° 6	26°23	4°12	2°42	23°50	n.a.	S 23
M24	1 50 21	26°22'12	3♊53	28°58	24°25	29°47	20°35	17° 1	29°23	16° 5	26°24	4° 3	2°39	23°57	n.a.	M24
T 25	1 54 18	27°23'01	17°19	0♏32	24°22	0♑33	20°47	17° 1	29°25	16° 4	26°24	3°55	2°35	24° 4	n.a.	T 25
W26	1 58 14	28°23'52	0♋55	2° 6	24°18	1°18	20°58	17°D 1	29°27	16° 3	26°24	3°50	2°32	24°10	n.a.	W26
T 27	2 2 11	29°24'44	14°41	3°40	24°10	2° 3	21°10	17° 1	29°29	16° 2	26°24	3°47	2°29	24°17	n.a.	T 27
F 28	2 6 8	0♏25'38	28°37	5°14	24° 0	2°49	21°22	17° 1	29°31	16° 0	26°25	3°D45	2°26	24°24	n.a.	F 28
S 29	2 10 4	1°26'34	12♌41	6°48	23°48	3°34	21°33	17° 2	29°34	15°59	26°25	3°46	2°23	24°30	n.a.	S 29
S 30	2 14 1	2°27'31	26°52	8°22	23°33	4°20	21°45	17° 2	29°36	15°58	26°25	3°R47	2°20	24°37	n.a.	S 30
M31	2 17 57	3♏28'29	11♍11	9♏55	23♏16	5♑ 5	21♍56	17♒ 3	29♐38	15♓57	26♋25	3♍46	2♍16	24♒44	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s16	17n 6	2s51	4n57	1n47	21s48	5s13	24s26	1s52	6n46	1n13	17s44	2s 4	24s 6	0s22	6s58	1s46	30n55	9n57	9n42	10n13	13s29		n.a.
S 2	1 41	14 24	1 39	4 14	1 43	22 2	5 16	24 31	1 52	6 41	1 13	17 44	2 4	24 6	0 22	6 59	1 46	30 56	9 57	9 42	10 14	13 28		n.a.
M 3	2 5	10 43	0 20	3 30	1 39	22 16	5 19	24 36	1 51	6 36	1 13	17 45	2 4	24 6	0 22	7 0	1 46	30 56	9 58	9 41	10 15	13 26		n.a.
T 4	2 29	6 21	1n 1	2 46	1 34	22 30	5 21	24 41	1 51	6 31	1 13	17 46	2 4	24 6	0 22	7 0	1 46	30 56	9 58	9 42	10 16	13 25		n.a.
W 5	2 53	1 36	2 17	2 1	1 29	22 42	5 24	24 46	1 51	6 26	1 13	17 46	2 4	24 6	0 22	7 1	1 46	30 56	9 58	9 42	10 17	13 24		n.a.
T 6	3 17	3s11	3 24	1 17	1 24	22 54	5 26	24 50	1 50	6 21	1 13	17 47	2 4	24 6	0 22	7 1	1 46	30 56	9 59	9 44	10 18	13 22		n.a.
F 7	3 41	7 42	4 16	0 32	1 18	23 5	5 28	24 55	1 50	6 16	1 13	17 47	2 4	24 6	0 22	7 2	1 46	30 56	9 59	9 46	10 20	13 21		n.a.
S 8	4 5	11 41	4 52	0s13	1 12	23 16	5 29	24 58	1 50	6 11	1 13	17 48	2 3	24 6	0 22	7 2	1 46	30 57	9 59	9 48	10 21	13 20		n.a.
S 9	4 29	14 55	5 9	0 58	1 6	23 25	5 31	25 2	1 49	6 6	1 13	17 48	2 3	24 6	0 22	7 3	1 46	30 57	10 0	9 50	10 22	13 18		n.a.
M10	4 53	17 16	5 10	1 43	1 0	23 34	5 32	25 6	1 49	6 2	1 14	17 49	2 3	24 6	0 22	7 4	1 46	30 57	10 0	9 52	10 23	13 17		n.a.
T 11	5 17	18 41	4 54	2 28	0 54	23 42	5 32	25 9	1 48	5 57	1 14	17 49	2 3	24 6	0 22	7 4	1 46	30 57	10 0	9 53	10 24	13 16		n.a.
W12	5 41	19 9	4 26	3 12	0 48	23 49	5 33	25 12	1 48	5 52	1 14	17 49	2 3	24 6	0 22	7 5	1 46	30 57	10 1	9 54	10 25	13 14		n.a.
T 13	6 4	18 43	3 45	3 57	0 41	23 56	5 33	25 14	1 47	5 47	1 14	17 50	2 3	24 6	0 22	7 5	1 46	30 58	10 1	9 54	10 27	13 13		n.a.
F 14	6 28	17 26	2 56	4 41	0 35	24 1	5 33	25 17	1 47	5 42	1 14	17 50	2 3	24 6	0 22	7 6	1 46	30 58	10 2	9 53	10 28	13 12		n.a.
S 15	6 52	15 25	2 0	5 25	0 28	24 6	5 32	25 19	1 47	5 37	1 14	17 50	2 3	24 6	0 22	7 6	1 46	30 58	10 2	9 53	10 29	13 10		n.a.
S 16	7 15	12 46	0 58	6 8	0 22	24 10	5 31	25 21	1 46	5 33	1 14	17 50	2 2	24 6	0 22	7 7	1 46	30 58	10 2	9 52	10 30	13 9		n.a.
M17	7 38	9 34	0s 6	6 51	0 15	24 13	5 30	25 22	1 46	5 28	1 14	17 50	2 2	24 6	0 22	7 7	1 46	30 59	10 3	9 52	10 31	13 7		n.a.
T 18	8 1	5 57	1 10	7 34	0 9	24 15	5 28	25 23	1 45	5 23	1 14	17 51	2 2	24 6	0 22	7 8	1 46	30 59	10 3	9 52	10 32	13 6		n.a.
W19	8 24	2 2	2 12	8 17	0 2	24 16	5 26	25 25	1 45	5 19	1 14	17 51	2 2	24 6	0 22	7 8	1 46	30 59	10 3	9 54	10 34	13 5		n.a.
T 20	8 47	2n 1	3 8	8 59	0s 4	24 15	5 24	25 25	1 44	5 14	1 15	17 51	2 2	24 6	0 22	7 9	1 46	30 59	10 4	9 56	10 35	13 3		n.a.
F 21	9 10	6 3	3 57	9 41	0 11	24 14	5 20	25 26	1 44	5 9	1 15	17 51	2 2	24 6	0 22	7 9	1 46	31 0	10 4	9 58	10 36	13 2		n.a.
S 22	9 33	9 54	4 34	10 22	0 17	24 12	5 17	25 26	1 43	5 5	1 15	17 51	2 2	24 6	0 22	7 10	1 46	31 0	10 4	10 2	10 37	13 0		n.a.
S 23	9 55	13 20	4 58	11 2	0 24	24 9	5 13	25 26	1 43	5 0	1 15	17 51	2 1	24 6	0 22	7 10	1 46	31 0	10 5	10 5	10 38	12 59		n.a.
M24	10 18	16 10	5 6	11 42	0 30	24 4	5 8	25 26	1 42	4 55	1 15	17 51	2 1	24 6	0 22	7 11	1 46	31 1	10 5	10 8	10 39	12 58		n.a.
T 25	10 40	18 10	4 58	12 22	0 37	23 59	5 3	25 25	1 42	4 51	1 15	17 51	2 1	24 6	0 22	7 11	1 46	31 1	10 6	10 11	10 40	12 56		n.a.
W26	11 2	19 10	4 33	13 1	0 43	23 52	4 57	25 24	1 41	4 46	1 15	17 50	2 1	24 6	0 22	7 11	1 46	31 1	10 6	10 13	10 42	12 55		n.a.
T 27	11 24	19 4	3 52	13 39	0 49	23 44	4 51	25 23	1 40	4 42	1 15	17 50	2 1	24 6	0 22	7 12	1 46	31 2	10 6	10 15	10 43	12 54		n.a.
F 28	11 45	17 48	2 57	14 17	0 55	23 34	4 44	25 22	1 40	4 37	1 16	17 50	2 1	24 6	0 22	7 12	1 46	31 2	10 7	10 15	10 44	12 52		n.a.
S 29	12 7	15 26	1 51	14 54	1 1	23 24	4 36	25 20	1 39	4 33	1 16	17 50	2 1	24 6	0 22	7 13	1 46	31 2	10 7	10 15	10 45	12 51		n.a.
S 30	12 28	12 7	0 37	15 31	1 7	23 12	4 28	25 18	1 39	4 28	1 16	17 50	2 0	24 6	0 22	7 13	1 46	31 3	10 7	10 14	10 46	12 49		n.a.
M31	12s49	8n 4	0n40	16s 7	1s13	22s59	4s19	25s16	1s38	4n24	1n16	17s49	2s 0	24s 6	0s22	7s13	1s46	31n 3	10n 8	10n15	10n47	12s48		n.a.

Julian Day Number = 1621617.5, Delta T = 03h47m11s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'36, Lahiri = - 7°43'35 Julian Calendar 1 Oct. 274 BCE == Greg. Calendar 27 Sept. 274 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

NOVEMBER 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 21 54	4♏29'29	25♍34	11♏29	22°R57	5♑51	22♍ 7	17♒ 3	29♐41	15°R56	26♋25	3°R45	2♍13	24♒50	n.a.	T 1
W 2	2 25 50	5°30'30	9♎57	13° 2	22♏35	6°36	22°18	17° 4	29°43	15♓55	26°R25	3♍40	2°10	24°57	n.a.	W 2
T 3	2 29 47	6°31'32	24°15	14°36	22°12	7°22	22°29	17° 5	29°45	15°54	26°25	3°32	2° 7	25° 4	n.a.	T 3
F 4	2 33 43	7°32'36	8♏23	16° 9	21°46	8° 7	22°41	17° 6	29°48	15°53	26°25	3°23	2° 4	25°10	n.a.	F 4
S 5	2 37 40	8°33'40	22°15	17°42	21°18	8°53	22°51	17° 7	29°50	15°53	26°25	3°11	2° 0	25°17	n.a.	S 5
S 6	2 41 37	9°34'46	5♐47	19°15	20°48	9°39	23° 2	17° 8	29°53	15°52	26°25	3° 0	1°57	25°23	n.a.	S 6
M 7	2 45 33	10°35'52	18°57	20°49	20°17	10°24	23°13	17° 9	29°55	15°51	26°25	2°49	1°54	25°30	n.a.	M 7
T 8	2 49 30	11°36'59	1♑45	22°22	19°45	11°10	23°24	17°11	29°58	15°50	26°25	2°40	1°51	25°37	n.a.	T 8
W 9	2 53 26	12°38'06	14°12	23°55	19°11	11°55	23°35	17°12	0♑ 1	15°49	26°24	2°34	1°48	25°43	n.a.	W 9
T 10	2 57 23	13°39'15	26°21	25°28	18°36	12°41	23°45	17°14	0° 3	15°49	26°24	2°30	1°45	25°50	n.a.	T 10
F 11	3 1 19	14°40'23	8♒18	27° 1	18° 0	13°27	23°56	17°16	0° 6	15°48	26°24	2°29	1°41	25°57	n.a.	F 11
S 12	3 5 16	15°41'32	20° 7	28°33	17°24	14°13	24° 6	17°17	0° 9	15°47	26°24	2°D29	1°38	26° 3	n.a.	S 12
S 13	3 9 13	16°42'42	1♓55	0♐ 6	16°48	14°58	24°16	17°19	0°11	15°47	26°23	2°R29	1°35	26°10	n.a.	S 13
M14	3 13 9	17°43'52	13°46	1°38	16°11	15°44	24°26	17°21	0°14	15°46	26°23	2°28	1°32	26°17	n.a.	M14
T 15	3 17 6	18°45'02	25°46	3°10	15°35	16°30	24°36	17°24	0°17	15°45	26°23	2°26	1°29	26°23	n.a.	T 15
W16	3 21 2	19°46'13	7♈59	4°41	14°59	17°15	24°46	17°26	0°20	15°45	26°22	2°21	1°26	26°30	n.a.	W16
T 17	3 24 59	20°47'24	20°29	6°12	14°24	18° 1	24°56	17°28	0°23	15°44	26°22	2°13	1°22	26°37	n.a.	T 17
F 18	3 28 55	21°48'35	3♉17	7°43	13°50	18°47	25° 6	17°31	0°26	15°44	26°21	2° 3	1°19	26°43	n.a.	F 18
S 19	3 32 52	22°49'47	16°25	9°13	13°17	19°33	25°16	17°33	0°29	15°43	26°21	1°50	1°16	26°50	n.a.	S 19
S 20	3 36 48	23°51'00	29°50	10°41	12°46	20°18	25°25	17°36	0°32	15°43	26°20	1°37	1°13	26°57	n.a.	S 20
M21	3 40 45	24°52'12	13♊31	12° 9	12°16	21° 4	25°35	17°39	0°35	15°43	26°20	1°24	1°10	27° 3	n.a.	M21
T 22	3 44 42	25°53'26	27°23	13°35	11°48	21°50	25°44	17°41	0°38	15°42	26°19	1°13	1° 6	27°10	n.a.	T 22
W23	3 48 38	26°54'39	11♋23	15° 0	11°22	22°35	25°53	17°44	0°41	15°42	26°19	1° 4	1° 3	27°16	n.a.	W23
T 24	3 52 35	27°55'54	25°27	16°23	10°58	23°21	26° 2	17°48	0°44	15°42	26°18	0°59	1° 0	27°23	n.a.	T 24
F 25	3 56 31	28°57'09	9♌32	17°44	10°36	24° 7	26°12	17°51	0°47	15°42	26°17	0°56	0°57	27°30	n.a.	F 25
S 26	4 0 28	29°58'24	23°38	19° 2	10°17	24°53	26°20	17°54	0°50	15°41	26°17	0°55	0°54	27°36	n.a.	S 26
S 27	4 4 24	0♐59'39	7♍42	20°17	10° 0	25°38	26°29	17°57	0°53	15°41	26°16	0°55	0°51	27°43	n.a.	S 27
M28	4 8 21	2° 0'55	21°44	21°29	9°46	26°24	26°38	18° 1	0°57	15°41	26°15	0°55	0°47	27°50	n.a.	M28
T 29	4 12 17	3° 2'12	5♎44	22°36	9°33	27°10	26°46	18° 4	1° 0	15°41	26°15	0°52	0°44	27°56	n.a.	T 29
W30	4 16 14	4♐ 3'29	19♎41	23♐38	9♏24	27♑55	26♍55	18♒ 8	1♑ 3	15♓41	26♋14	0♍46	0♍41	28♒ 3	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s10	3n31	1n54	16s42	1s18	22s45	4s10	25s13	1s38	4n20	1n16	17s49	2s 0	24s 6	0s22	7s14	1s46	31n 3	10n 8	10n15	10n49	12s46		n.a.
W 2	13 31	1s13	3 1	17 16	1 23	22 30	4 0	25 10	1 37	4 15	1 16	17 48	2 0	24 6	0 22	7 14	1 46	31 4	10 9	10 17	10 50	12 45		n.a.
T 3	13 51	5 52	3 56	17 49	1 29	22 13	3 49	25 7	1 36	4 11	1 16	17 48	2 0	24 6	0 22	7 14	1 46	31 4	10 9	10 20	10 51	12 44		n.a.
F 4	14 12	10 8	4 35	18 22	1 34	21 55	3 38	25 4	1 36	4 7	1 17	17 48	2 0	24 6	0 22	7 15	1 46	31 4	10 9	10 23	10 52	12 42		n.a.
S 5	14 32	13 45	4 58	18 53	1 39	21 36	3 26	25 0	1 35	4 2	1 17	17 47	1 59	24 6	0 22	7 15	1 45	31 5	10 10	10 27	10 53	12 41		n.a.
S 6	14 51	16 34	5 3	19 24	1 43	21 16	3 13	24 57	1 35	3 58	1 17	17 47	1 59	24 6	0 22	7 15	1 45	31 5	10 10	10 32	10 54	12 39		n.a.
M 7	15 11	18 25	4 51	19 54	1 47	20 55	3 0	24 52	1 34	3 54	1 17	17 46	1 59	24 6	0 22	7 16	1 45	31 5	10 10	10 36	10 55	12 38		n.a.
T 8	15 30	19 17	4 25	20 23	1 52	20 33	2 47	24 48	1 33	3 50	1 17	17 45	1 59	24 6	0 22	7 16	1 45	31 6	10 11	10 39	10 57	12 36		n.a.
W 9	15 49	19 11	3 47	20 50	1 55	20 10	2 33	24 43	1 33	3 46	1 17	17 45	1 59	24 6	0 22	7 16	1 45	31 6	10 11	10 41	10 58	12 35		n.a.
T 10	16 8	18 12	3 0	21 17	1 59	19 47	2 18	24 38	1 32	3 42	1 17	17 44	1 59	24 6	0 22	7 16	1 45	31 7	10 11	10 42	10 59	12 34		n.a.
F 11	16 26	16 24	2 5	21 42	2 2	19 23	2 4	24 33	1 31	3 38	1 18	17 44	1 59	24 6	0 22	7 17	1 45	31 7	10 12	10 43	11 0	12 32		n.a.
S 12	16 44	13 55	1 5	22 7	2 5	18 58	1 49	24 28	1 31	3 34	1 18	17 43	1 58	24 6	0 22	7 17	1 45	31 7	10 12	10 43	11 1	12 31		n.a.
S 13	17 2	10 52	0 3	22 30	2 8	18 33	1 33	24 22	1 30	3 30	1 18	17 42	1 58	24 6	0 22	7 17	1 45	31 8	10 13	10 43	11 2	12 29		n.a.
M14	17 19	7 23	1s 0	22 51	2 10	18 7	1 18	24 16	1 30	3 26	1 18	17 41	1 58	24 6	0 22	7 17	1 45	31 8	10 13	10 43	11 3	12 28		n.a.
T 15	17 37	3 32	2 0	23 12	2 12	17 42	1 2	24 10	1 29	3 22	1 18	17 40	1 58	24 6	0 22	7 17	1 45	31 9	10 13	10 44	11 5	12 26		n.a.
W16	17 53	0n30	2 56	23 31	2 13	17 16	0 47	24 3	1 28	3 18	1 18	17 40	1 58	24 6	0 22	7 18	1 45	31 9	10 14	10 46	11 6	12 25		n.a.
T 17	18 10	4 37	3 45	23 48	2 14	16 51	0 31	23 57	1 28	3 14	1 19	17 39	1 58	24 6	0 22	7 18	1 45	31 10	10 14	10 48	11 7	12 23		n.a.
F 18	18 26	8 37	4 24	24 4	2 15	16 26	0 16	23 49	1 27	3 10	1 19	17 38	1 57	24 6	0 22	7 18	1 45	31 10	10 14	10 52	11 8	12 22		n.a.
S 19	18 42	12 19	4 50	24 19	2 15	16 1	0 0	23 42	1 26	3 7	1 19	17 37	1 57	24 6	0 22	7 18	1 45	31 10	10 15	10 57	11 9	12 21		n.a.
S 20	18 58	15 28	5 0	24 32	2 14	15 37	0n15	23 35	1 25	3 3	1 19	17 36	1 57	24 6	0 22	7 18	1 45	31 11	10 15	11 2	11 10	12 19		n.a.
M21	19 13	17 50	4 54	24 43	2 13	15 14	0 30	23 27	1 25	2 59	1 19	17 35	1 57	24 5	0 22	7 18	1 45	31 11	10 15	11 6	11 11	12 18		n.a.
T 22	19 28	19 12	4 30	24 52	2 11	14 51	0 45	23 19	1 24	2 56	1 20	17 34	1 57	24 5	0 22	7 18	1 45	31 12	10 16	11 10	11 13	12 16		n.a.
W23	19 42	19 25	3 50	25 0	2 9	14 29	0 59	23 11	1 23	2 52	1 20	17 33	1 57	24 5	0 22	7 18	1 45	31 12	10 16	11 13	11 14	12 15		n.a.
T 24	19 56	18 26	2 56	25 6	2 5	14 9	1 13	23 2	1 23	2 49	1 20	17 32	1 57	24 5	0 22	7 18	1 45	31 13	10 16	11 15	11 15	12 13		n.a.
F 25	20 10	16 18	1 51	25 10	2 1	13 49	1 26	22 53	1 22	2 45	1 20	17 31	1 56	24 5	0 22	7 18	1 44	31 13	10 17	11 16	11 16	12 12		n.a.
S 26	20 23	13 12	0 39	25 12	1 56	13 31	1 39	22 44	1 21	2 42	1 20	17 30	1 56	24 5	0 22	7 19	1 44	31 14	10 17	11 17	11 17	12 10		n.a.
S 27	20 36	9 20	0n36	25 12	1 50	13 13	1 52	22 35	1 21	2 39	1 21	17 28	1 56	24 5	0 22	7 19	1 44	31 14	10 17	11 17	11 18	12 9		n.a.
M28	20 49	4 58	1 48	25 10	1 43	12 57	2 4	22 26	1 20	2 35	1 21	17 27	1 56	24 5	0 22	7 19	1 44	31 15	10 18	11 17	11 19	12 7		n.a.
T 29	21 1	0 20	2 53	25 6	1 36	12 42	2 15	22 16	1 19	2 32	1 21	17 26	1 56	24 5	0 22	7 19	1 44	31 15	10 18	11 18	11 21	12 6		n.a.
W30	21s13	4s17	3n47	25s 1	1s27	12s29	2n27	22s 6	1s18	2n29	1n21	17s25	1s56	24s 5	0s22	7s19	1s44	31n15	10n18	11n20	11n22	12s 4		n.a.

Julian Day Number = 1621648.5, Delta T = 03h47m10s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'32, Lahiri = - 7°43'31 Julian Calendar 1 Nov. 274 BCE == Greg. Calendar 28 Oct. 274 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 274 BCE
geocentric

DECEMBER 274 BCE (-273) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 20 11	5♐ 4'46	3♏31	24♐35	9°R17	28♑41	27♍ 3	18♒12	1♑ 6	15°D41	26°R13	0°R38	0♍38	28♒10	n.a.	T 1
F 2	4 24 7	6° 6'03	17°13	25°25	9♏12	29°27	27°11	18°15	1° 9	15♓41	26♋12	0♍26	0°35	28°16	n.a.	F 2
S 3	4 28 4	7° 7'20	0♐43	26° 8	9°D10	0♒12	27°19	18°19	1°13	15°41	26°11	0°13	0°31	28°23	n.a.	S 3
S 4	4 32 0	8° 8'37	13°58	26°43	9°11	0°58	27°27	18°23	1°16	15°41	26°10	29♌59	0°28	28°30	n.a.	S 4
M 5	4 35 57	9° 9'54	26°56	27° 9	9°14	1°44	27°35	18°27	1°19	15°41	26°10	29°46	0°25	28°36	n.a.	M 5
T 6	4 39 53	10°11'11	9♑36	27°24	9°19	2°29	27°43	18°32	1°23	15°41	26° 9	29°35	0°22	28°43	n.a.	T 6
W 7	4 43 50	11°12'27	21°59	27°R29	9°26	3°15	27°50	18°36	1°26	15°41	26° 8	29°27	0°19	28°50	n.a.	W 7
T 8	4 47 46	12°13'43	4♒ 7	27°23	9°36	4° 0	27°58	18°40	1°29	15°42	26° 7	29°22	0°16	28°56	n.a.	T 8
F 9	4 51 43	13°14'58	16° 3	27° 5	9°48	4°46	28° 5	18°45	1°33	15°42	26° 6	29°19	0°12	29° 3	n.a.	F 9
S 10	4 55 40	14°16'13	27°52	26°35	10° 2	5°32	28°12	18°49	1°36	15°42	26° 5	29°D18	0° 9	29° 9	n.a.	S 10
S 11	4 59 36	15°17'27	9♓40	25°53	10°18	6°17	28°19	18°54	1°40	15°43	26° 4	29°R19	0° 6	29°16	n.a.	S 11
M12	5 3 33	16°18'40	21°30	25° 1	10°37	7° 3	28°26	18°58	1°43	15°43	26° 3	29°19	0° 3	29°23	n.a.	M12
T 13	5 7 29	17°19'52	3♈30	23°59	10°57	7°48	28°32	19° 3	1°47	15°43	26° 2	29°17	29♌59	29°29	n.a.	T 13
W14	5 11 26	18°21'04	15°43	22°50	11°19	8°34	28°39	19° 8	1°50	15°44	26° 0	29°14	29°57	29°36	n.a.	W14
T 15	5 15 22	19°22'15	28°16	21°35	11°43	9°19	28°45	19°13	1°53	15°44	25°59	29° 8	29°53	29°43	n.a.	T 15
F 16	5 19 19	20°23'25	11♉12	20°17	12° 9	10° 4	28°51	19°18	1°57	15°45	25°58	28°59	29°50	29°49	n.a.	F 16
S 17	5 23 15	21°24'34	24°31	18°58	12°36	10°50	28°58	19°23	2° 0	15°45	25°57	28°49	29°47	29°56	n.a.	S 17
S 18	5 27 12	22°25'43	8♊13	17°41	13° 5	11°35	29° 3	19°28	2° 4	15°46	25°56	28°37	29°44	0♓ 3	n.a.	S 18
M19	5 31 9	23°26'51	22°16	16°28	13°36	12°21	29° 9	19°33	2° 7	15°46	25°55	28°26	29°41	0° 9	n.a.	M19
T 20	5 35 5	24°27'58	6♋34	15°21	14° 8	13° 6	29°15	19°39	2°11	15°47	25°54	28°16	29°37	0°16	n.a.	T 20
W21	5 39 2	25°29'04	21° 2	14°21	14°42	13°51	29°20	19°44	2°14	15°48	25°52	28° 9	29°34	0°23	n.a.	W21
T 22	5 42 58	26°30'10	5♌34	13°29	15°17	14°37	29°26	19°49	2°18	15°48	25°51	28° 4	29°31	0°29	n.a.	T 22
F 23	5 46 55	27°31'15	20° 2	12°46	15°54	15°22	29°31	19°55	2°21	15°49	25°50	28° 2	29°28	0°36	n.a.	F 23
S 24	5 50 51	28°32'19	4♍24	12°13	16°32	16° 7	29°36	20° 0	2°25	15°50	25°49	28°D 2	29°25	0°43	n.a.	S 24
S 25	5 54 48	29°33'22	18°36	11°48	17°11	16°52	29°40	20° 6	2°29	15°51	25°47	28° 3	29°22	0°49	n.a.	S 25
M26	5 58 45	0♑34'25	2♎38	11°33	17°51	17°37	29°45	20°12	2°32	15°51	25°46	28°R 3	29°18	0°56	n.a.	M26
T 27	6 2 41	1°35'28	16°28	11°D26	18°33	18°23	29°49	20°18	2°36	15°52	25°45	28° 2	29°15	1° 2	n.a.	T 27
W28	6 6 38	2°36'29	0♏ 7	11°27	19°15	19° 8	29°54	20°23	2°39	15°53	25°43	27°59	29°12	1° 9	n.a.	W28
T 29	6 10 34	3°37'30	13°35	11°36	19°59	19°53	29°58	20°29	2°43	15°54	25°42	27°53	29° 9	1°16	n.a.	T 29
F 30	6 14 31	4°38'30	26°52	11°52	20°44	20°38	0♎ 2	20°35	2°46	15°55	25°41	27°45	29° 6	1°22	n.a.	F 30
S 31	6 18 27	5♑39'29	9♐57	12♐14	21♏29	21♒23	0♎ 6	20♒41	2♑50	15♓56	25♋39	27♌36	29♌ 3	1♓29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21 s24	8 s38	4n28	24 s53	1 s16	12 s17	2n37	21 s56	1 s18	2n26	1n21	17 s23	1 s56	24 s 5	0 s22	7 s18	1 s44	31n16	10n19	11n23	11n23	12 s 3			n.a.
F 2	21 35	12 30	4 53	24 44	1 5	12 6	2 47	21 46	1 17	2 23	1 22	17 22	1 55	24 5	0 22	7 18	1 44	31 16	10 19	11 27	11 24	12 1			n.a.
S 3	21 46	15 39	5 0	24 33	0 53	11 56	2 56	21 35	1 16	2 20	1 22	17 21	1 55	24 5	0 22	7 18	1 44	31 17	10 19	11 32	11 25	12 0			n.a.
S 4	21 56	17 55	4 52	24 20	0 39	11 48	3 5	21 25	1 15	2 17	1 22	17 19	1 55	24 5	0 22	7 18	1 44	31 17	10 20	11 37	11 26	11 58			n.a.
M 5	22 5	19 14	4 28	24 6	0 24	11 41	3 14	21 14	1 15	2 14	1 22	17 18	1 55	24 5	0 22	7 18	1 44	31 18	10 20	11 41	11 27	11 57			n.a.
T 6	22 15	19 32	3 51	23 50	0 8	11 35	3 22	21 2	1 14	2 11	1 23	17 16	1 55	24 5	0 22	7 18	1 44	31 18	10 20	11 45	11 29	11 55			n.a.
W 7	22 23	18 53	3 4	23 33	0n10	11 30	3 29	20 51	1 13	2 8	1 23	17 15	1 55	24 5	0 22	7 18	1 44	31 19	10 21	11 48	11 30	11 54			n.a.
T 8	22 32	17 22	2 10	23 14	0 28	11 27	3 36	20 39	1 12	2 5	1 23	17 13	1 55	24 5	0 22	7 18	1 44	31 19	10 21	11 50	11 31	11 52			n.a.
F 9	22 40	15 6	1 10	22 55	0 47	11 24	3 43	20 28	1 12	2 2	1 23	17 12	1 55	24 5	0 22	7 18	1 44	31 20	10 21	11 51	11 32	11 51			n.a.
S 10	22 47	12 14	0 8	22 35	1 6	11 23	3 49	20 16	1 11	2 0	1 23	17 10	1 54	24 5	0 22	7 18	1 44	31 20	10 21	11 51	11 33	11 49			n.a.
S 11	22 54	8 53	0 s55	22 14	1 26	11 23	3 54	20 3	1 10	1 57	1 24	17 9	1 54	24 5	0 22	7 17	1 44	31 21	10 22	11 51	11 34	11 48			n.a.
M12	23 1	5 10	1 55	21 53	1 45	11 24	3 59	19 51	1 9	1 55	1 24	17 7	1 54	24 5	0 22	7 17	1 44	31 21	10 22	11 51	11 35	11 46			n.a.
T 13	23 7	1 13	2 51	21 32	2 4	11 26	4 4	19 39	1 9	1 52	1 24	17 6	1 54	24 5	0 22	7 17	1 44	31 22	10 22	11 52	11 36	11 45			n.a.
W14	23 13	2n52	3 41	21 10	2 22	11 29	4 8	19 26	1 8	1 50	1 24	17 4	1 54	24 5	0 22	7 17	1 43	31 22	10 23	11 53	11 38	11 43			n.a.
T 15	23 18	6 56	4 21	20 50	2 38	11 32	4 12	19 13	1 7	1 48	1 25	17 2	1 54	24 5	0 22	7 16	1 43	31 23	10 23	11 55	11 39	11 42			n.a.
F 16	23 22	10 48	4 49	20 31	2 52	11 37	4 15	19 0	1 6	1 45	1 25	17 1	1 54	24 5	0 22	7 16	1 43	31 23	10 23	11 58	11 40	11 40			n.a.
S 17	23 27	14 14	5 2	20 12	3 4	11 42	4 18	18 47	1 6	1 43	1 25	16 59	1 54	24 5	0 22	7 16	1 43	31 24	10 23	12 2	11 41	11 39			n.a.
S 18	23 30	17 1	4 59	19 56	3 14	11 48	4 21	18 33	1 5	1 41	1 25	16 57	1 53	24 5	0 22	7 16	1 43	31 24	10 24	12 6	11 42	11 37			n.a.
M19	23 34	18 53	4 38	19 42	3 21	11 55	4 24	18 20	1 4	1 39	1 26	16 55	1 53	24 5	0 22	7 15	1 43	31 25	10 24	12 9	11 43	11 35			n.a.
T 20	23 37	19 35	3 59	19 30	3 26	12 3	4 26	18 6	1 3	1 37	1 26	16 54	1 53	24 4	0 22	7 15	1 43	31 25	10 24	12 13	11 44	11 34			n.a.
W21	23 39	19 2	3 4	19 21	3 28	12 11	4 27	17 52	1 3	1 35	1 26	16 52	1 53	24 4	0 22	7 15	1 43	31 26	10 24	12 16	11 45	11 32			n.a.
T 22	23 41	17 13	1 57	19 15	3 28	12 20	4 29	17 38	1 2	1 33	1 26	16 50	1 53	24 4	0 22	7 14	1 43	31 26	10 25	12 17	11 47	11 31			n.a.
F 23	23 42	14 18	0 43	19 11	3 27	12 29	4 30	17 24	1 1	1 31	1 27	16 48	1 53	24 4	0 22	7 14	1 43	31 27	10 25	12 18	11 48	11 29			n.a.
S 24	23 43	10 32	0n34	19 10	3 23	12 39	4 31	17 9	1 0	1 29	1 27	16 46	1 53	24 4	0 22	7 14	1 43	31 27	10 25	12 18	11 49	11 28			n.a.
S 25	23 44	6 13	1 48	19 12	3 18	12 49	4 32	16 55	0 59	1 28	1 27	16 44	1 53	24 4	0 22	7 13	1 43	31 28	10 25	12 18	11 50	11 26			n.a.
M26	23 43	1 36	2 54	19 16	3 12	13 0	4 32	16 40	0 59	1 26	1 27	16 42	1 53	24 4	0 22	7 13	1 43	31 28	10 25	12 18	11 51	11 25			n.a.
T 27	23 43	3 s 1	3 50	19 22	3 5	13 12	4 32	16 25	0 58	1 25	1 28	16 40	1 53	24 4	0 22	7 13	1 43	31 28	10 26	12 18	11 52	11 23			n.a.
W28	23 42	7 25	4 31	19 30	2 57	13 23	4 32	16 10	0 57	1 23	1 28	16 38	1 53	24 4	0 22	7 12	1 43	31 29	10 26	12 19	11 53	11 21			n.a.
T 29	23 41	11 23	4 57	19 40	2 49	13 35	4 31	15 55	0 56	1 22	1 28	16 36	1 52	24 4	0 22	7 12	1 43	31 29	10 26	12 21	11 54	11 20			n.a.
F 30	23 39	14 44	5 6	19 51	2 40	13 48	4 31	15 40	0 56	1 20	1 28	16 34	1 52	24 4	0 22	7 11	1 43	31 30	10 26	12 24	11 56	11 18			n.a.
S 31	23 s36	17 s17	4n59	20 s 3	2n30	14 s 0	4n30	15 s25	0 s55	1n19	1n29	16 s32	1 s52	24 s 4	0 s22	7 s11	1 s43	31n30	10n26	12n27	11n57	11 s17			n.a.

Julian Day Number = 1621678.5, Delta T = 03h47m09s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'27, Lahiri = - 7°43'27 Julian Calendar 1 Dec. 274 BCE == Greg. Calendar 27 Nov. 274 BCE

The year -273 astronomical counting style corresponds to year 274 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

JANUARY 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 22 24	6♉40'27	22♐49	12♐42	22♏16	22♒ 8	0♎ 9	20♒47	2♉53	15♓57	25°R38	27°R26	28♌59	1♓36	n.a.	S 1
M 2	6 26 20	7°41'23	5♉28	13°16	23° 4	22°53	0°13	20°54	2°57	15°58	25♋36	27♌16	28°56	1°42	n.a.	M 2
T 3	6 30 17	8°42'19	17°54	13°54	23°52	23°38	0°16	21° 0	3° 0	15°59	25°35	27° 9	28°53	1°49	n.a.	T 3
W 4	6 34 14	9°43'13	0♒ 7	14°37	24°41	24°23	0°19	21° 6	3° 4	16° 0	25°34	27° 3	28°50	1°56	n.a.	W 4
T 5	6 38 10	10°44'06	12° 9	15°24	25°31	25° 8	0°22	21°12	3° 7	16° 2	25°32	26°59	28°47	2° 2	n.a.	T 5
F 6	6 42 7	11°44'57	24° 3	16°15	26°22	25°52	0°24	21°19	3°11	16° 3	25°31	26°D58	28°43	2° 9	n.a.	F 6
S 7	6 46 3	12°45'47	5♓51	17° 9	27°13	26°37	0°27	21°25	3°14	16° 4	25°29	26°58	28°40	2°16	n.a.	S 7
S 8	6 50 0	13°46'35	17°37	18° 6	28° 6	27°22	0°29	21°32	3°18	16° 5	25°28	27° 0	28°37	2°22	n.a.	S 8
M 9	6 53 56	14°47'22	29°27	19° 7	28°58	28° 7	0°31	21°38	3°21	16° 7	25°26	27° 1	28°34	2°29	n.a.	M 9
T 10	6 57 53	15°48'06	11♈25	20° 9	29°52	28°51	0°33	21°45	3°25	16° 8	25°25	27°R 2	28°31	2°35	n.a.	T 10
W11	7 1 49	16°48'49	23°36	21°14	0♐46	29°36	0°35	21°51	3°28	16° 9	25°23	27° 2	28°28	2°42	n.a.	W11
T 12	7 5 46	17°49'30	6♉ 7	22°22	1°41	0♓21	0°37	21°58	3°32	16°10	25°22	27° 0	28°24	2°49	n.a.	T 12
F 13	7 9 43	18°50'10	19° 0	23°31	2°36	1° 5	0°38	22° 5	3°35	16°12	25°21	26°57	28°21	2°55	n.a.	F 13
S 14	7 13 39	19°50'47	2♊19	24°43	3°32	1°50	0°39	22°11	3°39	16°13	25°19	26°52	28°18	3° 2	n.a.	S 14
S 15	7 17 36	20°51'23	16° 5	25°56	4°28	2°34	0°40	22°18	3°42	16°15	25°18	26°46	28°15	3° 9	n.a.	S 15
M16	7 21 32	21°51'57	0♋17	27°11	5°25	3°19	0°41	22°25	3°45	16°16	25°16	26°40	28°12	3°15	n.a.	M16
T 17	7 25 29	22°52'30	14°51	28°27	6°23	4° 3	0°42	22°32	3°49	16°18	25°15	26°35	28° 9	3°22	n.a.	T 17
W18	7 29 25	23°53'00	29°39	29°45	7°21	4°48	0°42	22°39	3°52	16°19	25°13	26°32	28° 5	3°29	n.a.	W18
T 19	7 33 22	24°53'29	14♌35	1♉ 5	8°19	5°32	0°42	22°46	3°56	16°21	25°12	26°30	28° 2	3°35	n.a.	T 19
F 20	7 37 18	25°53'56	29°30	2°25	9°18	6°16	0°R42	22°53	3°59	16°22	25°10	26°D29	27°59	3°42	n.a.	F 20
S 21	7 41 15	26°54'22	14♍17	3°47	10°17	7° 1	0°42	23° 0	4° 2	16°24	25° 9	26°30	27°56	3°49	n.a.	S 21
S 22	7 45 12	27°54'46	28°49	5°11	11°17	7°45	0°42	23° 7	4° 6	16°26	25° 7	26°31	27°53	3°55	n.a.	S 22
M23	7 49 8	28°55'08	13♎ 4	6°35	12°17	8°29	0°42	23°14	4° 9	16°27	25° 6	26°33	27°49	4° 2	n.a.	M23
T 24	7 53 5	29°55'29	26°59	8° 1	13°17	9°13	0°41	23°21	4°12	16°29	25° 4	26°R34	27°46	4° 9	n.a.	T 24
W25	7 57 1	0♒55'49	10♏35	9°28	14°18	9°57	0°40	23°28	4°15	16°31	25° 3	26°33	27°43	4°15	n.a.	W25
T 26	8 0 58	1°56'07	23°52	10°56	15°19	10°41	0°39	23°35	4°19	16°32	25° 1	26°32	27°40	4°22	n.a.	T 26
F 27	8 4 54	2°56'24	6♐53	12°25	16°21	11°25	0°38	23°43	4°22	16°34	25° 0	26°29	27°37	4°28	n.a.	F 27
S 28	8 8 51	3°56'38	19°38	13°55	17°23	12° 9	0°36	23°50	4°25	16°36	24°58	26°26	27°34	4°35	n.a.	S 28
S 29	8 12 47	4°56'52	2♉11	15°27	18°25	12°53	0°35	23°57	4°28	16°38	24°57	26°22	27°30	4°42	n.a.	S 29
M30	8 16 44	5°57'03	14°31	16°59	19°27	13°37	0°33	24° 4	4°31	16°39	24°55	26°19	27°27	4°48	n.a.	M30
T 31	8 20 41	6♒57'12	26♉41	18♉33	20♐30	14♓21	0♎31	24♒12	4♉34	16♓41	24♋54	26♌16	27♌24	4♓55	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s33	18s55	4n37	20s17	2n20	14s13	4n29	15s 9	0s54	1n18	1n29	16s30	1s52	24s 4	0s22	7s11	1s43	31n31	10n27	12n31	11n58	11s15			n.a.
M 2	23 30	19 35	4 2	20 31	2 10	14 27	4 28	14 53	0 53	1 17	1 29	16 28	1 52	24 4	0 22	7 10	1 42	31 31	10 27	12 34	11 59	11 14			n.a.
T 3	23 26	19 18	3 15	20 46	2 0	14 40	4 26	14 38	0 52	1 16	1 30	16 26	1 52	24 4	0 22	7 10	1 42	31 32	10 27	12 37	12 0	11 12			n.a.
W 4	23 22	18 5	2 20	21 1	1 50	14 53	4 25	14 22	0 52	1 15	1 30	16 24	1 52	24 4	0 22	7 9	1 42	31 32	10 27	12 39	12 1	11 10			n.a.
T 5	23 17	16 5	1 19	21 16	1 39	15 7	4 23	14 6	0 51	1 14	1 30	16 22	1 52	24 3	0 22	7 9	1 42	31 33	10 27	12 40	12 2	11 9			n.a.
F 6	23 12	13 25	0 16	21 32	1 29	15 21	4 21	13 50	0 50	1 13	1 30	16 20	1 52	24 3	0 22	7 8	1 42	31 33	10 27	12 40	12 3	11 7			n.a.
S 7	23 6	10 13	0s48	21 47	1 19	15 34	4 19	13 34	0 49	1 12	1 31	16 18	1 52	24 3	0 22	7 8	1 42	31 33	10 28	12 40	12 5	11 6			n.a.
S 8	23 0	6 38	1 50	22 3	1 9	15 48	4 17	13 17	0 49	1 11	1 31	16 15	1 52	24 3	0 22	7 7	1 42	31 34	10 28	12 40	12 6	11 4			n.a.
M 9	22 54	2 47	2 47	22 18	0 59	16 2	4 14	13 1	0 48	1 11	1 31	16 13	1 52	24 3	0 22	7 7	1 42	31 34	10 28	12 39	12 7	11 3			n.a.
T 10	22 47	1n13	3 38	22 32	0 49	16 16	4 12	12 45	0 47	1 10	1 31	16 11	1 52	24 3	0 22	7 6	1 42	31 35	10 28	12 39	12 8	11 1			n.a.
W11	22 39	5 15	4 20	22 47	0 39	16 30	4 9	12 28	0 46	1 10	1 32	16 9	1 52	24 3	0 22	7 5	1 42	31 35	10 28	12 39	12 9	10 59			n.a.
T 12	22 31	9 8	4 51	23 0	0 30	16 44	4 6	12 11	0 45	1 10	1 32	16 7	1 51	24 3	0 22	7 5	1 42	31 36	10 28	12 39	12 10	10 58			n.a.
F 13	22 23	12 44	5 9	23 13	0 21	16 58	4 3	11 55	0 45	1 9	1 32	16 4	1 51	24 3	0 22	7 4	1 42	31 36	10 28	12 41	12 11	10 56			n.a.
S 14	22 14	15 48	5 10	23 26	0 11	17 11	4 0	11 38	0 44	1 9	1 33	16 2	1 51	24 3	0 22	7 4	1 42	31 36	10 28	12 42	12 12	10 55			n.a.
S 15	22 5	18 7	4 54	23 37	0 3	17 25	3 57	11 21	0 43	1 9	1 33	16 0	1 51	24 3	0 22	7 3	1 42	31 37	10 29	12 44	12 13	10 53			n.a.
M16	21 56	19 24	4 20	23 48	0s 6	17 38	3 53	11 4	0 42	1 9	1 33	15 57	1 51	24 3	0 22	7 2	1 42	31 37	10 29	12 46	12 15	10 51			n.a.
T 17	21 46	19 26	3 28	23 58	0 15	17 51	3 50	10 47	0 42	1 9	1 33	15 55	1 51	24 2	0 22	7 2	1 42	31 38	10 29	12 48	12 16	10 50			n.a.
W18	21 35	18 10	2 22	24 6	0 23	18 4	3 47	10 30	0 41	1 9	1 34	15 53	1 51	24 2	0 22	7 1	1 42	31 38	10 29	12 49	12 17	10 48			n.a.
T 19	21 24	15 37	1 5	24 14	0 31	18 17	3 43	10 13	0 40	1 9	1 34	15 50	1 51	24 2	0 22	7 1	1 42	31 38	10 29	12 50	12 18	10 46			n.a.
F 20	21 13	12 2	0n17	24 21	0 38	18 30	3 39	9 56	0 39	1 9	1 34	15 48	1 51	24 2	0 22	7 0	1 42	31 39	10 29	12 50	12 19	10 45			n.a.
S 21	21 2	7 44	1 36	24 26	0 46	18 42	3 35	9 38	0 39	1 9	1 34	15 46	1 51	24 2	0 22	6 59	1 42	31 39	10 29	12 50	12 20	10 43			n.a.
S 22	20 50	3 3	2 48	24 30	0 53	18 55	3 32	9 21	0 38	1 10	1 35	15 43	1 51	24 2	0 22	6 59	1 42	31 39	10 29	12 49	12 21	10 42			n.a.
M23	20 37	1s43	3 49	24 33	1 0	19 6	3 28	9 3	0 37	1 10	1 35	15 41	1 51	24 2	0 22	6 58	1 42	31 40	10 29	12 49	12 22	10 40			n.a.
T 24	20 25	6 16	4 34	24 35	1 6	19 18	3 24	8 46	0 36	1 11	1 35	15 38	1 51	24 2	0 22	6 57	1 42	31 40	10 29	12 49	12 23	10 38			n.a.
W25	20 11	10 23	5 3	24 35	1 13	19 29	3 20	8 28	0 35	1 11	1 36	15 36	1 51	24 2	0 22	6 56	1 41	31 40	10 29	12 49	12 25	10 37			n.a.
T 26	19 58	13 53	5 14	24 34	1 19	19 40	3 15	8 11	0 35	1 12	1 36	15 34	1 51	24 2	0 22	6 56	1 41	31 41	10 29	12 49	12 26	10 35			n.a.
F 27	19 44	16 38	5 10	24 32	1 24	19 51	3 11	7 53	0 34	1 13	1 36	15 31	1 51	24 2	0 22	6 55	1 41	31 41	10 29	12 50	12 27	10 33			n.a.
S 28	19 30	18 30	4 49	24 28	1 30	20 1	3 7	7 36	0 33	1 14	1 36	15 29	1 51	24 2	0 22	6 54	1 41	31 41	10 29	12 51	12 28	10 32			n.a.
S 29	19 15	19 27	4 16	24 23	1 35	20 11	3 3	7 18	0 32	1 15	1 37	15 26	1 51	24 1	0 22	6 54	1 41	31 42	10 29	12 53	12 29	10 30			n.a.
M30	19 1	19 26	3 30	24 16	1 39	20 20	2 58	7 0	0 32	1 15	1 37	15 24	1 51	24 1	0 22	6 53	1 41	31 42	10 29	12 54	12 30	10 29			n.a.
T 31	18s45	18s31	2n36	24s 8	1s44	20s30	2n54	6s42	0s31	1n17	1n37	15s21	1s51	24s 1	0s22	6s52	1s41	31n42	10n30	12n55	12n31	10s27			n.a.

Julian Day Number = 1621709.5, Delta T = 03h47m08s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'23, Lahiri = - 7°43'23 Julian Calendar 1 Jan. 273 BCE == Greg. Calendar 28 Dec. 274 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

FEBRUARY 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 24 37	7♒57'20	8♒43	20♉ 7	21♐33	15♓ 5	0°R29	24♒19	4♉38	16♓43	24°R52	26°R14	27♌21	5♓ 2	n.a.	W 1
T 2	8 28 34	8°57'26	20°37	21°43	22°37	15°49	0♎26	24°26	4°41	16°45	24♋51	26°D13	27°18	5° 8	n.a.	T 2
F 3	8 32 30	9°57'29	2♓27	23°20	23°40	16°32	0°24	24°34	4°44	16°47	24°50	26♌13	27°15	5°15	n.a.	F 3
S 4	8 36 27	10°57'30	14°14	24°58	24°44	17°16	0°21	24°41	4°47	16°49	24°48	26°14	27°11	5°22	n.a.	S 4
S 5	8 40 23	11°57'30	26° 1	26°37	25°48	18° 0	0°18	24°49	4°50	16°51	24°47	26°15	27° 8	5°28	n.a.	S 5
M 6	8 44 20	12°57'27	7♈52	28°17	26°52	18°43	0°15	24°56	4°53	16°53	24°45	26°16	27° 5	5°35	n.a.	M 6
T 7	8 48 16	13°57'21	19°51	29°58	27°57	19°27	0°12	25° 3	4°56	16°54	24°44	26°18	27° 2	5°42	n.a.	T 7
W 8	8 52 13	14°57'14	2♉ 2	1♒40	29° 2	20°10	0° 8	25°11	4°59	16°56	24°43	26°18	26°59	5°48	n.a.	W 8
T 9	8 56 10	15°57'04	14°29	3°24	0♉ 6	20°54	0° 5	25°18	5° 1	16°58	24°41	26°R19	26°55	5°55	n.a.	T 9
F 10	9 0 6	16°56'52	27°16	5° 8	1°12	21°37	0° 1	25°26	5° 4	17° 0	24°40	26°19	26°52	6° 2	n.a.	F 10
S 11	9 4 3	17°56'37	10♊29	6°54	2°17	22°21	29♍57	25°33	5° 7	17° 2	24°38	26°18	26°49	6° 8	n.a.	S 11
S 12	9 7 59	18°56'20	24° 8	8°41	3°23	23° 4	29°53	25°41	5°10	17° 5	24°37	26°17	26°46	6°15	n.a.	S 12
M13	9 11 56	19°56'01	8♋14	10°29	4°28	23°47	29°48	25°48	5°13	17° 7	24°36	26°16	26°43	6°21	n.a.	M13
T 14	9 15 52	20°55'40	22°46	12°18	5°34	24°31	29°44	25°56	5°15	17° 9	24°34	26°16	26°40	6°28	n.a.	T 14
W15	9 19 49	21°55'16	7♌40	14° 9	6°40	25°14	29°39	26° 3	5°18	17°11	24°33	26°15	26°36	6°35	n.a.	W15
T 16	9 23 45	22°54'50	22°46	16° 1	7°47	25°57	29°35	26°11	5°21	17°13	24°32	26°D15	26°33	6°41	n.a.	T 16
F 17	9 27 42	23°54'21	7♍58	17°54	8°53	26°40	29°30	26°19	5°23	17°15	24°31	26°15	26°30	6°48	n.a.	F 17
S 18	9 31 39	24°53'51	23° 5	19°48	10° 0	27°23	29°25	26°26	5°26	17°17	24°29	26°15	26°27	6°55	n.a.	S 18
S 19	9 35 35	25°53'19	7♎58	21°43	11° 6	28° 6	29°19	26°34	5°28	17°19	24°28	26°R15	26°24	7° 1	n.a.	S 19
M20	9 39 32	26°52'44	22°32	23°40	12°13	28°49	29°14	26°41	5°31	17°21	24°27	26°15	26°21	7° 8	n.a.	M20
T 21	9 43 28	27°52'08	6♏41	25°37	13°20	29°32	29° 8	26°49	5°34	17°23	24°26	26°15	26°17	7°15	n.a.	T 21
W22	9 47 25	28°51'30	20°25	27°36	14°28	0♈15	29° 3	26°56	5°36	17°26	24°24	26°15	26°14	7°21	n.a.	W22
T 23	9 51 21	29°50'51	3♐44	29°36	15°35	0°58	28°57	27° 4	5°38	17°28	24°23	26°D15	26°11	7°28	n.a.	T 23
F 24	9 55 18	0♓50'09	16°40	1♓37	16°42	1°41	28°51	27°11	5°41	17°30	24°22	26°15	26° 8	7°35	n.a.	F 24
S 25	9 59 14	1°49'26	29°16	3°38	17°50	2°23	28°45	27°19	5°43	17°32	24°21	26°16	26° 5	7°41	n.a.	S 25
S 26	10 3 11	2°48'40	11♉37	5°40	18°58	3° 6	28°39	27°26	5°45	17°34	24°20	26°16	26° 1	7°48	n.a.	S 26
M27	10 7 7	3°47'53	23°44	7°43	20° 6	3°49	28°33	27°34	5°48	17°37	24°19	26°17	25°58	7°55	n.a.	M27
T 28	10 11 4	4°47'04	5♒43	9°46	21°14	4°32	28°26	27°41	5°50	17°39	24°18	26°18	25°55	8° 1	n.a.	T 28
W29	10 15 1	5♓46'12	17♒35	11♓49	22♉22	5♈14	28♍20	27♒49	5♉52	17♓41	24♋17	26♌18	25♌52	8♓ 8	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s30	16s46	1n35	23s58	1s48	20s38	2n49	6s25	0s30	1n18	1n37	15s19	1s51	24s 1	0s23	6s51	1s41	31n43	10n30	12n55	12n32	10s25		n.a.
T 2	18 14	14 18	0 31	23 47	1 51	20 46	2 45	6 7	0 29	1 19	1 38	15 16	1 51	24 1	0 23	6 51	1 41	31 43	10 30	12 56	12 33	10 24		n.a.
F 3	17 58	11 16	0s34	23 34	1 55	20 54	2 40	5 49	0 29	1 20	1 38	15 14	1 51	24 1	0 23	6 50	1 41	31 43	10 30	12 56	12 34	10 22		n.a.
S 4	17 41	7 47	1 38	23 19	1 57	21 2	2 36	5 31	0 28	1 21	1 38	15 11	1 51	24 1	0 23	6 49	1 41	31 44	10 30	12 55	12 36	10 20		n.a.
S 5	17 25	4 1	2 38	23 3	2 0	21 8	2 31	5 13	0 27	1 23	1 38	15 9	1 51	24 1	0 23	6 48	1 41	31 44	10 29	12 55	12 37	10 19		n.a.
M 6	17 8	0 4	3 31	22 45	2 2	21 15	2 27	4 55	0 26	1 24	1 39	15 6	1 51	24 1	0 23	6 47	1 41	31 44	10 29	12 55	12 38	10 17		n.a.
T 7	16 50	3n55	4 16	22 25	2 4	21 21	2 22	4 37	0 26	1 26	1 39	15 4	1 51	24 1	0 23	6 47	1 41	31 44	10 29	12 54	12 39	10 15		n.a.
W 8	16 33	7 47	4 50	22 3	2 5	21 26	2 17	4 19	0 25	1 27	1 39	15 1	1 51	24 1	0 23	6 46	1 41	31 45	10 29	12 54	12 40	10 14		n.a.
T 9	16 15	11 25	5 11	21 40	2 6	21 31	2 13	4 1	0 24	1 29	1 39	14 59	1 51	24 0	0 23	6 45	1 41	31 45	10 29	12 54	12 41	10 12		n.a.
F 10	15 57	14 38	5 18	21 15	2 6	21 35	2 8	3 43	0 24	1 31	1 40	14 56	1 51	24 0	0 23	6 44	1 41	31 45	10 29	12 54	12 42	10 10		n.a.
S 11	15 38	17 12	5 8	20 48	2 6	21 39	2 3	3 25	0 23	1 33	1 40	14 54	1 51	24 0	0 23	6 43	1 41	31 45	10 29	12 54	12 43	10 9		n.a.
S 12	15 20	18 55	4 41	20 20	2 6	21 43	1 58	3 7	0 22	1 34	1 40	14 51	1 51	24 0	0 23	6 43	1 41	31 45	10 29	12 54	12 44	10 7		n.a.
M13	15 1	19 32	3 57	19 49	2 5	21 45	1 54	2 49	0 21	1 36	1 40	14 48	1 51	24 0	0 23	6 42	1 41	31 46	10 29	12 55	12 45	10 5		n.a.
T 14	14 41	18 53	2 56	19 17	2 3	21 47	1 49	2 31	0 21	1 38	1 40	14 46	1 51	24 0	0 23	6 41	1 41	31 46	10 29	12 55	12 47	10 4		n.a.
W15	14 22	16 56	1 42	18 43	2 1	21 49	1 44	2 13	0 20	1 40	1 41	14 43	1 51	24 0	0 23	6 40	1 41	31 46	10 29	12 55	12 48	10 2		n.a.
T 16	14 3	13 47	0 19	18 7	1 59	21 50	1 40	1 55	0 19	1 43	1 41	14 41	1 51	24 0	0 23	6 39	1 41	31 46	10 29	12 55	12 49	10 0		n.a.
F 17	13 43	9 41	1n 5	17 29	1 56	21 51	1 35	1 37	0 18	1 45	1 41	14 38	1 51	24 0	0 23	6 38	1 41	31 46	10 29	12 55	12 50	9 59		n.a.
S 18	13 23	4 59	2 24	16 50	1 52	21 51	1 30	1 19	0 18	1 47	1 41	14 36	1 51	24 0	0 23	6 38	1 41	31 47	10 29	12 55	12 51	9 57		n.a.
S 19	13 2	0 2	3 32	16 8	1 48	21 50	1 26	1 1	0 17	1 49	1 41	14 33	1 51	24 0	0 23	6 37	1 41	31 47	10 29	12 55	12 52	9 55		n.a.
M20	12 42	4s47	4 25	15 25	1 44	21 49	1 21	0 43	0 16	1 52	1 42	14 30	1 51	23 59	0 23	6 36	1 41	31 47	10 29	12 55	12 53	9 53		n.a.
T 21	12 21	9 11	5 0	14 40	1 38	21 47	1 16	0 25	0 16	1 54	1 42	14 28	1 51	23 59	0 23	6 35	1 41	31 47	10 29	12 55	12 54	9 52		n.a.
W22	12 1	12 59	5 17	13 54	1 33	21 45	1 12	0 8	0 15	1 56	1 42	14 25	1 51	23 59	0 23	6 34	1 41	31 47	10 29	12 55	12 55	9 50		n.a.
T 23	11 40	15 59	5 15	13 6	1 26	21 42	1 7	0n10	0 14	1 59	1 42	14 23	1 51	23 59	0 23	6 33	1 41	31 47	10 28	12 55	12 56	9 48		n.a.
F 24	11 18	18 6	4 58	12 16	1 19	21 38	1 3	0 28	0 13	2 1	1 42	14 20	1 52	23 59	0 23	6 32	1 41	31 47	10 28	12 55	12 58	9 47		n.a.
S 25	10 57	19 16	4 27	11 24	1 12	21 34	0 58	0 46	0 13	2 4	1 42	14 18	1 52	23 59	0 23	6 31	1 41	31 47	10 28	12 55	12 59	9 45		n.a.
S 26	10 36	19 30	3 44	10 32	1 4	21 29	0 53	1 4	0 12	2 6	1 43	14 15	1 52	23 59	0 23	6 31	1 41	31 48	10 28	12 55	13 0	9 43		n.a.
M27	10 14	18 48	2 51	9 38	0 55	21 24	0 49	1 22	0 11	2 9	1 43	14 12	1 52	23 59	0 23	6 30	1 41	31 48	10 28	12 54	13 1	9 41		n.a.
T 28	9 52	17 16	1 52	8 43	0 46	21 18	0 45	1 39	0 11	2 12	1 43	14 10	1 52	23 59	0 23	6 29	1 41	31 48	10 28	12 54	13 2	9 40		n.a.
W29	9s30	14s59	0n48	7s46	0s36	21s11	0n40	1n57	0s10	2n15	1n43	14s 7	1s52	23s59	0s23	6s28	1s41	31n48	10n28	12n54	13n 3	9s38		n.a.

Julian Day Number = 1621740.5, Delta T = 03h47m07s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'19, Lahiri = - 7°43'19 Julian Calendar 1 Feb. 273 BCE == Greg. Calendar 28 Jan. 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

MARCH 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 18 57	6♓45'19	29♒24	13♓52	23♉30	5♈57	28°R13	27♒56	5♉54	17♓43	24°R16	26°R19	25♌49	8♓14	n.a.	T 1
F 2	10 22 54	7°44'23	11♓11	15°54	24°38	6°39	28♍ 7	28° 4	5°56	17°45	24♋15	26♌18	25°46	8°21	n.a.	F 2
S 3	10 26 50	8°43'25	22°59	17°56	25°47	7°22	28° 0	28°11	5°58	17°48	24°14	26°17	25°42	8°28	n.a.	S 3
S 4	10 30 47	9°42'25	4♈50	19°57	26°55	8° 4	27°53	28°19	6° 0	17°50	24°13	26°15	25°39	8°34	n.a.	S 4
M 5	10 34 43	10°41'23	16°46	21°56	28° 4	8°46	27°46	28°26	6° 2	17°52	24°12	26°13	25°36	8°41	n.a.	M 5
T 6	10 38 40	11°40'19	28°51	23°54	29°13	9°29	27°39	28°34	6° 4	17°54	24°11	26°11	25°33	8°48	n.a.	T 6
W 7	10 42 36	12°39'12	11♉ 6	25°49	0♒21	10°11	27°32	28°41	6° 6	17°57	24°10	26° 9	25°30	8°54	n.a.	W 7
T 8	10 46 33	13°38'03	23°34	27°42	1°30	10°53	27°24	28°49	6° 8	17°59	24° 9	26° 7	25°26	9° 1	n.a.	T 8
F 9	10 50 29	14°36'51	6♊20	29°33	2°39	11°35	27°17	28°56	6°10	18° 1	24° 8	26° 6	25°23	9° 8	n.a.	F 9
S 10	10 54 26	15°35'38	19°27	1♈19	3°48	12°18	27°10	29° 3	6°12	18° 3	24° 7	26°D 6	25°20	9°14	n.a.	S 10
S 11	10 58 23	16°34'21	2♋56	3° 3	4°57	13° 0	27° 2	29°11	6°13	18° 6	24° 7	26° 6	25°17	9°21	n.a.	S 11
M12	11 2 19	17°33'03	16°51	4°42	6° 7	13°42	26°55	29°18	6°15	18° 8	24° 6	26° 8	25°14	9°28	n.a.	M12
T 13	11 6 16	18°31'42	1♌10	6°18	7°16	14°24	26°47	29°25	6°17	18°10	24° 5	26° 9	25°11	9°34	n.a.	T 13
W14	11 10 12	19°30'19	15°52	7°49	8°25	15° 6	26°40	29°33	6°18	18°13	24° 4	26°10	25° 7	9°41	n.a.	W14
T 15	11 14 9	20°28'54	0♍53	9°15	9°35	15°48	26°32	29°40	6°20	18°15	24° 4	26°R10	25° 4	9°48	n.a.	T 15
F 16	11 18 5	21°27'26	16° 4	10°37	10°44	16°29	26°25	29°47	6°21	18°17	24° 3	26° 9	25° 1	9°54	n.a.	F 16
S 17	11 22 2	22°25'56	1♎16	11°53	11°54	17°11	26°17	29°54	6°23	18°19	24° 2	26° 7	24°58	10° 1	n.a.	S 17
S 18	11 25 58	23°24'25	16°20	13° 5	13° 3	17°53	26° 9	0♓ 1	6°24	18°22	24° 2	26° 4	24°55	10° 7	n.a.	S 18
M19	11 29 55	24°22'51	1♏ 7	14°11	14°13	18°35	26° 2	0° 9	6°25	18°24	24° 1	26° 0	24°52	10°14	n.a.	M19
T 20	11 33 52	25°21'16	15°29	15°12	15°23	19°17	25°54	0°16	6°27	18°26	24° 0	25°56	24°48	10°21	n.a.	T 20
W21	11 37 48	26°19'39	29°23	16° 8	16°33	19°58	25°46	0°23	6°28	18°28	24° 0	25°52	24°45	10°27	n.a.	W21
T 22	11 41 45	27°18'00	12♐49	16°57	17°43	20°40	25°39	0°30	6°29	18°31	23°59	25°50	24°42	10°34	n.a.	T 22
F 23	11 45 41	28°16'20	25°49	17°42	18°53	21°21	25°31	0°37	6°30	18°33	23°59	25°D49	24°39	10°41	n.a.	F 23
S 24	11 49 38	29°14'38	8♑25	18°20	20° 3	22° 3	25°23	0°44	6°31	18°35	23°58	25°50	24°36	10°47	n.a.	S 24
S 25	11 53 34	0♈12'55	20°41	18°53	21°13	22°44	25°16	0°51	6°32	18°37	23°58	25°51	24°32	10°54	n.a.	S 25
M26	11 57 31	1°11'10	2♒44	19°21	22°23	23°26	25° 8	0°58	6°34	18°40	23°57	25°53	24°29	11° 1	n.a.	M26
T 27	12 1 27	2° 9'23	14°37	19°42	23°33	24° 7	25° 1	1° 4	6°34	18°42	23°57	25°54	24°26	11° 7	n.a.	T 27
W28	12 5 24	3° 7'34	26°25	19°58	24°43	24°49	24°53	1°11	6°35	18°44	23°57	25°R55	24°23	11°14	n.a.	W28
T 29	12 9 20	4° 5'44	8♓11	20° 8	25°54	25°30	24°46	1°18	6°36	18°46	23°56	25°54	24°20	11°21	n.a.	T 29
F 30	12 13 17	5° 3'52	19°59	20°R13	27° 4	26°11	24°38	1°25	6°37	18°48	23°56	25°51	24°17	11°27	n.a.	F 30
S 31	12 17 14	6♈ 1'58	1♈51	20♈12	28♒15	26♈53	24♍31	1♓31	6♉38	18♓51	23♋56	25♌47	24♌13	11♓34	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9s 8	12s 5	0s17	6s49	0s26	21s 4	0n36	2n15	0s 9	2n17	1n43	14s 5	1s52	23s59	0s23	6s27	1s41	31n48	10n28	12n54	13n 4	9s36			n.a.
F 2	8 46	8 43	1 22	5 52	0 16	20 56	0 31	2 32	0 9	2 20	1 43	14 2	1 52	23 59	0 23	6 26	1 41	31 48	10 27	12 54	13 5	9 35			n.a.
S 3	8 24	5 0	2 23	4 54	0 5	20 48	0 27	2 50	0 8	2 23	1 43	14 0	1 52	23 59	0 23	6 25	1 41	31 48	10 27	12 54	13 6	9 33			n.a.
S 4	8 1	1 5	3 18	3 56	0n 6	20 39	0 23	3 8	0 7	2 26	1 43	13 57	1 52	23 58	0 23	6 24	1 41	31 48	10 27	12 55	13 7	9 31			n.a.
M 5	7 39	2n54	4 5	2 58	0 18	20 30	0 19	3 25	0 7	2 29	1 44	13 54	1 52	23 58	0 23	6 24	1 41	31 48	10 27	12 56	13 8	9 29			n.a.
T 6	7 16	6 49	4 41	2 0	0 30	20 19	0 15	3 43	0 6	2 32	1 44	13 52	1 52	23 58	0 23	6 23	1 41	31 48	10 27	12 56	13 9	9 28			n.a.
W 7	6 53	10 30	5 5	1 3	0 41	20 9	0 10	4 0	0 5	2 35	1 44	13 49	1 52	23 58	0 23	6 22	1 41	31 48	10 27	12 57	13 11	9 26			n.a.
T 8	6 31	13 47	5 16	0 7	0 53	19 58	0 6	4 17	0 4	2 38	1 44	13 47	1 52	23 58	0 23	6 21	1 41	31 48	10 27	12 58	13 12	9 24			n.a.
F 9	6 8	16 31	5 11	0n49	1 5	19 46	0 2	4 35	0 4	2 41	1 44	13 44	1 53	23 58	0 23	6 20	1 41	31 48	10 26	12 58	13 13	9 23			n.a.
S 10	5 45	18 29	4 50	1 42	1 17	19 33	0s 2	4 52	0 3	2 44	1 44	13 42	1 53	23 58	0 23	6 19	1 41	31 48	10 26	12 58	13 14	9 21			n.a.
S 11	5 22	19 28	4 13	2 34	1 28	19 21	0 5	5 9	0 2	2 47	1 44	13 39	1 53	23 58	0 23	6 18	1 41	31 48	10 26	12 58	13 15	9 19			n.a.
M12	4 59	19 20	3 20	3 24	1 39	19 7	0 9	5 26	0 2	2 50	1 44	13 37	1 53	23 58	0 23	6 17	1 41	31 48	10 26	12 58	13 16	9 17			n.a.
T 13	4 35	17 58	2 14	4 13	1 50	18 53	0 13	5 43	0 1	2 53	1 44	13 34	1 53	23 58	0 23	6 16	1 41	31 48	10 26	12 57	13 17	9 16			n.a.
W14	4 12	15 22	0 57	4 58	2 0	18 39	0 17	6 0	0 1	2 56	1 44	13 32	1 53	23 58	0 23	6 15	1 41	31 48	10 26	12 57	13 18	9 14			n.a.
T 15	3 49	11 42	0n26	5 42	2 10	18 24	0 20	6 17	0n 0	2 59	1 44	13 29	1 53	23 58	0 23	6 15	1 41	31 48	10 25	12 57	13 19	9 12			n.a.
F 16	3 26	7 12	1 47	6 23	2 19	18 8	0 24	6 34	0 1	3 2	1 44	13 27	1 53	23 58	0 24	6 14	1 41	31 48	10 25	12 57	13 20	9 10			n.a.
S 17	3 2	2 15	3 1	7 1	2 28	17 52	0 27	6 51	0 1	3 5	1 44	13 24	1 53	23 58	0 24	6 13	1 41	31 48	10 25	12 58	13 21	9 9			n.a.
S 18	2 39	2s47	4 2	7 36	2 36	17 36	0 31	7 8	0 2	3 8	1 44	13 22	1 54	23 58	0 24	6 12	1 41	31 48	10 25	12 59	13 22	9 7			n.a.
M19	2 15	7 33	4 45	8 9	2 42	17 18	0 34	7 24	0 3	3 11	1 44	13 19	1 54	23 58	0 24	6 11	1 41	31 48	10 25	13 0	13 23	9 5			n.a.
T 20	1 52	11 45	5 9	8 38	2 49	17 1	0 38	7 41	0 3	3 14	1 44	13 17	1 54	23 58	0 24	6 10	1 41	31 48	10 24	13 2	13 25	9 3			n.a.
W21	1 29	15 10	5 13	9 5	2 54	16 43	0 41	7 58	0 4	3 17	1 44	13 15	1 54	23 58	0 24	6 9	1 41	31 48	10 24	13 3	13 26	9 1			n.a.
T 22	1 5	17 39	5 0	9 28	2 58	16 24	0 44	8 14	0 5	3 20	1 44	13 12	1 54	23 58	0 24	6 8	1 41	31 48	10 24	13 4	13 27	9 0			n.a.
F 23	0 42	19 8	4 32	9 48	3 1	16 5	0 47	8 30	0 5	3 23	1 44	13 10	1 54	23 58	0 24	6 8	1 41	31 47	10 24	13 4	13 28	8 58			n.a.
S 24	0 18	19 37	3 51	10 5	3 3	15 46	0 50	8 47	0 6	3 27	1 44	13 7	1 54	23 57	0 24	6 7	1 41	31 47	10 24	13 4	13 29	8 56			n.a.
S 25	0n 5	19 8	3 1	10 19	3 4	15 26	0 53	9 3	0 7	3 30	1 44	13 5	1 54	23 57	0 24	6 6	1 41	31 47	10 23	13 3	13 30	8 54			n.a.
M26	0 29	17 47	2 3	10 29	3 4	15 6	0 56	9 19	0 7	3 33	1 44	13 3	1 55	23 57	0 24	6 5	1 41	31 47	10 23	13 3	13 31	8 53			n.a.
T 27	0 52	15 40	1 1	10 37	3 3	14 45	0 59	9 35	0 8	3 36	1 44	13 0	1 55	23 57	0 24	6 4	1 41	31 47	10 23	13 2	13 32	8 51			n.a.
W28	1 15	12 54	0s 3	10 40	3 0	14 24	1 2	9 51	0 8	3 39	1 44	12 58	1 55	23 57	0 24	6 3	1 41	31 47	10 23	13 2	13 33	8 49			n.a.
T 29	1 39	9 38	1 6	10 41	2 56	14 3	1 4	10 7	0 9	3 42	1 44	12 56	1 55	23 57	0 24	6 2	1 41	31 47	10 23	13 2	13 34	8 47			n.a.
F 30	2 2	5 58	2 7	10 38	2 51	13 41	1 7	10 23	0 10	3 44	1 44	12 53	1 55	23 57	0 24	6 1	1 41	31 47	10 22	13 3	13 35	8 45			n.a.
S 31	2n25	2s 3	3s 3	10n31	2n45	13s19	1s 9	10n38	0n10	3n47	1n44	12s51	1s55	23s57	0s24	6s 1	1s41	31n46	10n22	13n 5	13n36	8s44			n.a.

Julian Day Number = 1621769.5, Delta T = 03h47m06s
Ecliptic obliquity = 23°43'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'15, Lahiri = - 7°43'15 Julian Calendar 1 March 273 BCE == Greg. Calendar 26 Feb. 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

APRIL 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 21 10	7♈ 0'03	13♈49	20°R 6	29♒25	27♈34	24°R23	1♓38	6♑39	18♓53	23°R56	25°R40	24♌10	11♓41	n.a.	S 1
M 2	12 25 7	7°58'06	25°55	19♈55	0♓36	28°15	24♍16	1°45	6°39	18°55	23♋55	25♌33	24° 7	11°47	n.a.	M 2
T 3	12 29 3	8°56'06	8♉11	19°40	1°46	28°56	24° 9	1°51	6°40	18°57	23°55	25°25	24° 4	11°54	n.a.	T 3
W 4	12 33 0	9°54'06	20°37	19°20	2°57	29°37	24° 1	1°58	6°40	18°59	23°55	25°17	24° 1	12° 1	n.a.	W 4
T 5	12 36 56	10°52'03	3♊15	18°56	4° 7	0♉18	23°54	2° 4	6°41	19° 1	23°55	25°11	23°57	12° 7	n.a.	T 5
F 6	12 40 53	11°49'58	16° 7	18°29	5°18	0°59	23°47	2°11	6°41	19° 3	23°55	25° 6	23°54	12°14	n.a.	F 6
S 7	12 44 49	12°47'52	29°15	17°58	6°29	1°40	23°40	2°17	6°42	19° 6	23°55	25° 3	23°51	12°21	n.a.	S 7
S 8	12 48 46	13°45'44	12♋41	17°26	7°40	2°21	23°34	2°23	6°42	19° 8	23°55	25°D 2	23°48	12°27	n.a.	S 8
M 9	12 52 43	14°43'34	26°26	16°51	8°50	3° 2	23°27	2°30	6°43	19°10	23°D55	25° 3	23°45	12°34	n.a.	M 9
T 10	12 56 39	15°41'21	10♌31	16°15	10° 1	3°43	23°20	2°36	6°43	19°12	23°55	25° 4	23°42	12°40	n.a.	T 10
W11	13 0 36	16°39'07	24°56	15°39	11°12	4°24	23°14	2°42	6°43	19°14	23°55	25°R 4	23°38	12°47	n.a.	W11
T 12	13 4 32	17°36'52	9♍39	15° 3	12°23	5° 4	23° 7	2°48	6°43	19°16	23°55	25° 3	23°35	12°54	n.a.	T 12
F 13	13 8 29	18°34'34	24°35	14°27	13°34	5°45	23° 1	2°54	6°43	19°18	23°55	25° 1	23°32	13° 0	n.a.	F 13
S 14	13 12 25	19°32'15	9♎36	13°53	14°45	6°26	22°55	3° 0	6°43	19°20	23°55	24°55	23°29	13° 7	n.a.	S 14
S 15	13 16 22	20°29'54	24°33	13°21	15°56	7° 6	22°48	3° 6	6°R43	19°22	23°55	24°48	23°26	13°14	n.a.	S 15
M16	13 20 18	21°27'32	9♏18	12°51	17° 7	7°47	22°42	3°12	6°43	19°24	23°55	24°40	23°23	13°20	n.a.	M16
T 17	13 24 15	22°25'08	23°43	12°24	18°18	8°28	22°37	3°18	6°43	19°26	23°55	24°31	23°19	13°27	n.a.	T 17
W18	13 28 12	23°22'44	7♐42	12° 0	19°29	9° 8	22°31	3°24	6°43	19°28	23°56	24°23	23°16	13°34	n.a.	W18
T 19	13 32 8	24°20'18	21°14	11°40	20°41	9°49	22°25	3°29	6°43	19°30	23°56	24°17	23°13	13°40	n.a.	T 19
F 20	13 36 5	25°17'52	4♑17	11°24	21°52	10°29	22°20	3°35	6°43	19°32	23°56	24°12	23°10	13°47	n.a.	F 20
S 21	13 40 1	26°15'24	16°56	11°12	23° 3	11° 9	22°14	3°41	6°43	19°34	23°56	24°10	23° 7	13°54	n.a.	S 21
S 22	13 43 58	27°12'55	29°14	11° 4	24°14	11°50	22° 9	3°46	6°42	19°36	23°57	24°D10	23° 3	14° 0	n.a.	S 22
M23	13 47 54	28°10'25	11♒17	11°D 1	25°26	12°30	22° 4	3°52	6°42	19°38	23°57	24°10	23° 0	14° 7	n.a.	M23
T 24	13 51 51	29° 7'55	23° 9	11° 2	26°37	13°11	21°59	3°57	6°41	19°39	23°58	24°R11	22°57	14°14	n.a.	T 24
W25	13 55 47	0♉ 5'23	4♓56	11° 8	27°49	13°51	21°54	4° 2	6°41	19°41	23°58	24°10	22°54	14°20	n.a.	W25
T 26	13 59 44	1° 2'50	16°44	11°18	29° 0	14°31	21°50	4° 8	6°40	19°43	23°59	24° 8	22°51	14°27	n.a.	T 26
F 27	14 3 41	2° 0'17	28°35	11°33	0♈12	15°11	21°45	4°13	6°40	19°45	23°59	24° 3	22°48	14°34	n.a.	F 27
S 28	14 7 37	2°57'42	10♈33	11°52	1°23	15°51	21°41	4°18	6°39	19°47	24° 0	23°55	22°44	14°40	n.a.	S 28
S 29	14 11 34	3°55'06	22°41	12°16	2°35	16°32	21°37	4°23	6°39	19°48	24° 0	23°45	22°41	14°47	n.a.	S 29
M30	14 15 30	4♉52'30	5♉ 0	12♈44	3♈46	17♉12	21♍33	4♓28	6♑38	19♓50	24♋ 1	23♌34	22♌38	14♓54	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n49	1n58	3s51	10n22	2n37	12s56	1s12	10n54	0n11	3n50	1n44	12s49	1s55	23s57	0s24	6s 0	1s41	31n46	10n22	13n 7	13n37	8s42		n.a.
M 2	3 12	5 58	4 29	10 10	2 28	12 33	1 14	11 9	0 11	3 53	1 43	12 47	1 56	23 57	0 24	5 59	1 41	31 46	10 22	13 9	13 38	8 40		n.a.
T 3	3 35	9 45	4 55	9 54	2 18	12 9	1 16	11 25	0 12	3 56	1 43	12 44	1 56	23 57	0 24	5 58	1 41	31 46	10 22	13 12	13 40	8 38		n.a.
W 4	3 58	13 11	5 8	9 36	2 7	11 46	1 18	11 40	0 13	3 59	1 43	12 42	1 56	23 57	0 24	5 57	1 41	31 46	10 21	13 15	13 41	8 37		n.a.
T 5	4 21	16 3	5 6	9 15	1 54	11 22	1 21	11 55	0 13	4 1	1 43	12 40	1 56	23 57	0 24	5 56	1 41	31 46	10 21	13 17	13 42	8 35		n.a.
F 6	4 44	18 13	4 48	8 52	1 41	10 57	1 23	12 10	0 14	4 4	1 43	12 38	1 56	23 57	0 24	5 56	1 41	31 45	10 21	13 19	13 43	8 33		n.a.
S 7	5 7	19 28	4 16	8 27	1 26	10 33	1 25	12 25	0 14	4 7	1 43	12 36	1 56	23 57	0 24	5 55	1 41	31 45	10 21	13 20	13 44	8 31		n.a.
S 8	5 30	19 39	3 29	8 1	1 11	10 8	1 26	12 40	0 15	4 9	1 43	12 33	1 57	23 57	0 24	5 54	1 41	31 45	10 20	13 20	13 45	8 29		n.a.
M 9	5 52	18 42	2 28	7 32	0 55	9 43	1 28	12 55	0 16	4 12	1 43	12 31	1 57	23 57	0 24	5 53	1 41	31 45	10 20	13 20	13 46	8 28		n.a.
T 10	6 15	16 34	1 18	7 3	0 38	9 17	1 30	13 9	0 16	4 14	1 42	12 29	1 57	23 57	0 24	5 52	1 41	31 44	10 20	13 19	13 47	8 26		n.a.
W11	6 37	13 21	0 1	6 34	0 22	8 51	1 31	13 24	0 17	4 17	1 42	12 27	1 57	23 57	0 24	5 52	1 41	31 44	10 20	13 19	13 48	8 24		n.a.
T 12	7 0	9 14	1n18	6 4	0 4	8 25	1 33	13 38	0 17	4 19	1 42	12 25	1 57	23 57	0 24	5 51	1 41	31 44	10 20	13 19	13 49	8 22		n.a.
F 13	7 22	4 30	2 32	5 34	0s13	7 59	1 34	13 53	0 18	4 22	1 42	12 23	1 57	23 57	0 24	5 50	1 41	31 44	10 19	13 20	13 50	8 20		n.a.
S 14	7 44	0s33	3 36	5 5	0 30	7 33	1 36	14 7	0 18	4 24	1 42	12 21	1 58	23 57	0 24	5 49	1 41	31 44	10 19	13 22	13 51	8 18		n.a.
S 15	8 6	5 32	4 24	4 37	0 46	7 6	1 37	14 21	0 19	4 26	1 42	12 19	1 58	23 58	0 24	5 48	1 41	31 43	10 19	13 25	13 52	8 17		n.a.
M16	8 28	10 7	4 55	4 10	1 3	6 39	1 38	14 35	0 20	4 29	1 41	12 17	1 58	23 58	0 24	5 48	1 41	31 43	10 19	13 28	13 53	8 15		n.a.
T 17	8 50	14 0	5 6	3 45	1 19	6 12	1 39	14 49	0 20	4 31	1 41	12 15	1 58	23 58	0 24	5 47	1 41	31 43	10 18	13 30	13 54	8 13		n.a.
W18	9 11	16 58	4 57	3 22	1 34	5 45	1 40	15 2	0 21	4 33	1 41	12 13	1 58	23 58	0 24	5 46	1 41	31 42	10 18	13 33	13 55	8 11		n.a.
T 19	9 33	18 54	4 33	3 1	1 48	5 17	1 41	15 16	0 21	4 35	1 41	12 11	1 59	23 58	0 24	5 45	1 41	31 42	10 18	13 35	13 57	8 9		n.a.
F 20	9 54	19 45	3 54	2 42	2 2	4 49	1 42	15 29	0 22	4 37	1 41	12 9	1 59	23 58	0 24	5 45	1 42	31 42	10 18	13 37	13 58	8 7		n.a.
S 21	10 15	19 34	3 6	2 26	2 14	4 22	1 43	15 43	0 22	4 39	1 40	12 7	1 59	23 58	0 25	5 44	1 42	31 42	10 17	13 37	13 59	8 6		n.a.
S 22	10 36	18 27	2 9	2 12	2 26	3 54	1 43	15 56	0 23	4 41	1 40	12 5	1 59	23 58	0 25	5 43	1 42	31 41	10 17	13 38	14 0	8 4		n.a.
M23	10 57	16 30	1 8	2 1	2 37	3 25	1 44	16 9	0 23	4 43	1 40	12 4	1 59	23 58	0 25	5 43	1 42	31 41	10 17	13 37	14 1	8 2		n.a.
T 24	11 18	13 53	0 5	1 52	2 47	2 57	1 45	16 22	0 24	4 44	1 40	12 2	2 0	23 58	0 25	5 42	1 42	31 41	10 17	13 37	14 2	8 0		n.a.
W25	11 38	10 42	0s57	1 46	2 55	2 29	1 45	16 34	0 25	4 46	1 40	12 0	2 0	23 58	0 25	5 41	1 42	31 40	10 17	13 37	14 3	7 58		n.a.
T 26	11 59	7 6	1 57	1 43	3 3	2 1	1 45	16 47	0 25	4 48	1 39	11 58	2 0	23 58	0 25	5 41	1 42	31 40	10 16	13 38	14 4	7 56		n.a.
F 27	12 19	3 12	2 52	1 43	3 10	1 32	1 46	17 0	0 26	4 49	1 39	11 57	2 0	23 58	0 25	5 40	1 42	31 40	10 16	13 40	14 5	7 55		n.a.
S 28	12 39	0n51	3 41	1 45	3 15	1 3	1 46	17 12	0 26	4 51	1 39	11 55	2 0	23 58	0 25	5 39	1 42	31 40	10 16	13 42	14 6	7 53		n.a.
S 29	12 58	4 55	4 19	1 50	3 20	0 35	1 46	17 24	0 27	4 52	1 39	11 53	2 1	23 58	0 25	5 39	1 42	31 39	10 16	13 46	14 7	7 51		n.a.
M30	13n18	8n51	4s46	1n58	3s24	0s 6	1s46	17n36	0n27	4n54	1n38	11s52	2s 1	23s58	0s25	5s38	1s42	31n39	10n15	13n50	14n 8	7s49		n.a.

Julian Day Number = 1621800.5, Delta T = 03h47m05s
Ecliptic obliquity = 23°43'35, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'11, Lahiri = - 7°43'10 Julian Calendar 1 Apr. 273 BCE == Greg. Calendar 28 March 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

MAY 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 19 27	5♉49'52	17♉31	13♈16	4♈58	17♉52	21°R29	4♓33	6°R37	19♓52	24♋ 1	23°R22	22♌35	15♓ 0	n.a.	T 1
W 2	14 23 23	6°47'14	0♊14	13°52	6°10	18°32	21♍25	4°38	6♑36	19°53	24° 2	23♌10	22°32	15° 7	n.a.	W 2
T 3	14 27 20	7°44'34	13° 9	14°32	7°21	19°12	21°22	4°42	6°36	19°55	24° 3	22°59	22°28	15°14	n.a.	T 3
F 4	14 31 16	8°41'54	26°16	15°16	8°33	19°52	21°18	4°47	6°35	19°57	24° 3	22°51	22°25	15°20	n.a.	F 4
S 5	14 35 13	9°39'12	9♋35	16° 4	9°45	20°32	21°15	4°52	6°34	19°58	24° 4	22°45	22°22	15°27	n.a.	S 5
S 6	14 39 10	10°36'30	23° 6	16°55	10°56	21°12	21°12	4°56	6°33	20° 0	24° 5	22°42	22°19	15°34	n.a.	S 6
M 7	14 43 6	11°33'46	6♌50	17°50	12° 8	21°52	21°10	5° 1	6°32	20° 2	24° 5	22°D41	22°16	15°40	n.a.	M 7
T 8	14 47 3	12°31'01	20°48	18°49	13°20	22°32	21° 7	5° 5	6°31	20° 3	24° 6	22°R41	22°13	15°47	n.a.	T 8
W 9	14 50 59	13°28'15	5♍ 0	19°51	14°32	23°11	21° 4	5° 9	6°30	20° 5	24° 7	22°41	22° 9	15°53	n.a.	W 9
T 10	14 54 56	14°25'27	19°24	20°56	15°44	23°51	21° 2	5°14	6°28	20° 6	24° 8	22°39	22° 6	16° 0	n.a.	T 10
F 11	14 58 52	15°22'39	3♎58	22° 5	16°55	24°31	21° 0	5°18	6°27	20° 8	24° 9	22°35	22° 3	16° 7	n.a.	F 11
S 12	15 2 49	16°19'50	18°38	23°17	18° 7	25°11	20°58	5°22	6°26	20° 9	24°10	22°28	22° 0	16°13	n.a.	S 12
S 13	15 6 45	17°17'00	3♏15	24°33	19°19	25°50	20°56	5°26	6°25	20°10	24°11	22°19	21°57	16°20	n.a.	S 13
M14	15 10 42	18°14'10	17°44	25°51	20°31	26°30	20°55	5°30	6°23	20°12	24°12	22° 8	21°54	16°27	n.a.	M14
T 15	15 14 39	19°11'19	1♐58	27°13	21°43	27°10	20°53	5°33	6°22	20°13	24°13	21°56	21°50	16°33	n.a.	T 15
W16	15 18 35	20° 8'28	15°50	28°38	22°55	27°49	20°52	5°37	6°21	20°15	24°14	21°46	21°47	16°40	n.a.	W16
T 17	15 22 32	21° 5'36	29°18	0♑ 6	24° 7	28°29	20°51	5°41	6°19	20°16	24°15	21°37	21°44	16°47	n.a.	T 17
F 18	15 26 28	22° 2'44	12♑21	1°37	25°20	29° 8	20°50	5°44	6°18	20°17	24°16	21°30	21°41	16°53	n.a.	F 18
S 19	15 30 25	22°59'52	25° 0	3°10	26°32	29°48	20°50	5°48	6°16	20°18	24°17	21°26	21°38	17° 0	n.a.	S 19
S 20	15 34 21	23°57'00	7♒20	4°47	27°44	0♊27	20°49	5°51	6°15	20°20	24°18	21°24	21°34	17° 7	n.a.	S 20
M21	15 38 18	24°54'07	19°24	6°27	28°56	1° 7	20°49	5°54	6°13	20°21	24°19	21°24	21°31	17°13	n.a.	M21
T 22	15 42 14	25°51'15	1♓18	8°10	0♉ 8	1°46	20°D49	5°58	6°12	20°22	24°20	21°24	21°28	17°20	n.a.	T 22
W23	15 46 11	26°48'22	13° 6	9°56	1°20	2°25	20°49	6° 1	6°10	20°23	24°21	21°23	21°25	17°27	n.a.	W23
T 24	15 50 8	27°45'29	24°56	11°44	2°33	3° 5	20°49	6° 4	6° 8	20°24	24°22	21°21	21°22	17°33	n.a.	T 24
F 25	15 54 4	28°42'36	6♈51	13°36	3°45	3°44	20°49	6° 7	6° 7	20°26	24°24	21°16	21°19	17°40	n.a.	F 25
S 26	15 58 1	29°39'44	18°55	15°30	4°57	4°24	20°50	6° 9	6° 5	20°27	24°25	21° 9	21°15	17°47	n.a.	S 26
S 27	16 1 57	0♊36'51	1♉12	17°26	6°10	5° 3	20°51	6°12	6° 3	20°28	24°26	20°59	21°12	17°53	n.a.	S 27
M28	16 5 54	1°33'59	13°43	19°25	7°22	5°42	20°52	6°15	6° 1	20°29	24°27	20°47	21° 9	18° 0	n.a.	M28
T 29	16 9 50	2°31'06	26°31	21°26	8°35	6°21	20°53	6°17	5°59	20°30	24°29	20°35	21° 6	18° 7	n.a.	T 29
W30	16 13 47	3°28'13	9♊33	23°29	9°47	7° 1	20°54	6°20	5°57	20°31	24°30	20°23	21° 3	18°13	n.a.	W30
T 31	16 17 43	4♊25'21	22♊50	25♉34	11♉ 0	7♊40	20♍56	6♓22	5♑56	20♓31	24♋31	20♌12	21♌ 0	18♓20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	13n37	12n28	5s 0	2n 8	3s27	0n23	1s46	17n48	0n28	4n55	1n38	11s50	2s 1	23s58	0s25	5s37	1s42	31n39	10n15	13n54	14n 9	7s47		n.a.	T 1
W 2	13 57	15 34	4 59	2 20	3 28	0 52	1 46	18 0	0 28	4 56	1 38	11 48	2 1	23 58	0 25	5 37	1 42	31 38	10 15	13 58	14 10	7 45		n.a.	W 2
T 3	14 15	17 58	4 43	2 35	3 29	1 20	1 46	18 12	0 29	4 57	1 38	11 47	2 2	23 58	0 25	5 36	1 42	31 38	10 15	14 1	14 11	7 43		n.a.	T 3
F 4	14 34	19 28	4 12	2 52	3 29	1 49	1 45	18 23	0 29	4 58	1 37	11 45	2 2	23 58	0 25	5 35	1 42	31 38	10 15	14 4	14 12	7 42		n.a.	F 4
S 5	14 53	19 56	3 27	3 11	3 29	2 18	1 45	18 34	0 30	4 59	1 37	11 44	2 2	23 59	0 25	5 35	1 42	31 37	10 14	14 6	14 13	7 40		n.a.	S 5
S 6	15 11	19 15	2 30	3 32	3 27	2 47	1 45	18 46	0 30	5 0	1 37	11 42	2 2	23 59	0 25	5 34	1 42	31 37	10 14	14 7	14 14	7 38		n.a.	S 6
M 7	15 29	17 27	1 23	3 56	3 25	3 16	1 44	18 57	0 31	5 1	1 36	11 41	2 3	23 59	0 25	5 34	1 42	31 36	10 14	14 7	14 15	7 36		n.a.	M 7
T 8	15 47	14 34	0 10	4 21	3 22	3 44	1 43	19 8	0 31	5 2	1 36	11 40	2 3	23 59	0 25	5 33	1 42	31 36	10 14	14 7	14 16	7 34		n.a.	T 8
W 9	16 4	10 48	1n 5	4 48	3 18	4 13	1 43	19 18	0 32	5 3	1 36	11 38	2 3	23 59	0 25	5 32	1 42	31 36	10 14	14 7	14 17	7 32		n.a.	W 9
T 10	16 21	6 20	2 16	5 17	3 13	4 42	1 42	19 29	0 32	5 3	1 36	11 37	2 3	23 59	0 25	5 32	1 42	31 35	10 13	14 8	14 19	7 30		n.a.	T 10
F 11	16 39	1 27	3 20	5 48	3 8	5 10	1 41	19 39	0 33	5 4	1 35	11 36	2 4	23 59	0 25	5 31	1 42	31 35	10 13	14 9	14 20	7 28		n.a.	F 11
S 12	16 55	3s32	4 10	6 20	3 2	5 39	1 40	19 50	0 33	5 4	1 35	11 34	2 4	23 59	0 25	5 31	1 43	31 35	10 13	14 11	14 21	7 27		n.a.	S 12
S 13	17 12	8 17	4 45	6 54	2 56	6 7	1 39	20 0	0 34	5 5	1 35	11 33	2 4	23 59	0 25	5 30	1 43	31 34	10 13	14 14	14 22	7 25		n.a.	S 13
M14	17 28	12 32	5 0	7 29	2 49	6 35	1 38	20 10	0 34	5 5	1 35	11 32	2 4	23 59	0 25	5 30	1 43	31 34	10 13	14 18	14 23	7 23		n.a.	M14
T 15	17 44	15 58	4 56	8 6	2 41	7 4	1 37	20 19	0 35	5 6	1 34	11 31	2 5	23 59	0 25	5 29	1 43	31 34	10 12	14 22	14 24	7 21		n.a.	T 15
W16	17 59	18 24	4 35	8 44	2 33	7 32	1 36	20 29	0 35	5 6	1 34	11 29	2 5	23 59	0 25	5 29	1 43	31 33	10 12	14 25	14 25	7 19		n.a.	W16
T 17	18 15	19 45	3 59	9 23	2 24	8 0	1 35	20 38	0 36	5 6	1 34	11 28	2 5	24 0	0 25	5 28	1 43	31 33	10 12	14 28	14 26	7 17		n.a.	T 17
F 18	18 30	19 58	3 11	10 4	2 15	8 27	1 34	20 48	0 36	5 6	1 33	11 27	2 5	24 0	0 25	5 28	1 43	31 32	10 12	14 30	14 27	7 15		n.a.	F 18
S 19	18 45	19 10	2 15	10 45	2 6	8 55	1 33	20 57	0 37	5 6	1 33	11 26	2 6	24 0	0 25	5 27	1 43	31 32	10 12	14 32	14 28	7 13		n.a.	S 19
S 20	18 59	17 28	1 14	11 27	1 56	9 22	1 31	21 6	0 37	5 6	1 33	11 25	2 6	24 0	0 25	5 27	1 43	31 32	10 11	14 32	14 29	7 11		n.a.	S 20
M21	19 13	15 1	0 11	12 11	1 45	9 50	1 30	21 14	0 38	5 6	1 32	11 24	2 6	24 0	0 25	5 27	1 43	31 31	10 11	14 32	14 30	7 10		n.a.	M21
T 22	19 27	11 57	0s52	12 54	1 35	10 17	1 28	21 23	0 38	5 6	1 32	11 23	2 6	24 0	0 25	5 26	1 43	31 31	10 11	14 32	14 31	7 8		n.a.	T 22
W23	19 41	8 26	1 52	13 39	1 24	10 44	1 27	21 31	0 39	5 5	1 32	11 22	2 7	24 0	0 25	5 26	1 43	31 30	10 11	14 33	14 32	7 6		n.a.	W23
T 24	19 54	4 36	2 48	14 23	1 13	11 10	1 25	21 40	0 39	5 5	1 32	11 21	2 7	24 0	0 25	5 25	1 43	31 30	10 11	14 33	14 33	7 4		n.a.	T 24
F 25	20 7	0 33	3 36	15 8	1 1	11 37	1 24	21 48	0 39	5 5	1 31	11 21	2 7	24 0	0 25	5 25	1 43	31 30	10 11	14 35	14 34	7 2		n.a.	F 25
S 26	20 19	3n34	4 15	15 53	0 50	12 3	1 22	21 56	0 40	5 4	1 31	11 20	2 7	24 0	0 25	5 25	1 43	31 29	10 10	14 37	14 35	7 0		n.a.	S 26
S 27	20 31	7 36	4 44	16 37	0 39	12 29	1 20	22 3	0 40	5 3	1 31	11 19	2 8	24 1	0 25	5 24	1 43	31 29	10 10	14 40	14 36	6 58		n.a.	S 27
M28	20 43	11 24	4 59	17 22	0 27	12 54	1 18	22 11	0 41	5 3	1 30	11 18	2 8	24 1	0 25	5 24	1 43	31 28	10 10	14 44	14 37	6 56		n.a.	M28
T 29	20 55	14 45	4 59	18 5	0 16	13 20	1 16	22 18	0 41	5 2	1 30	11 18	2 8	24 1	0 25	5 24	1 44	31 28	10 10	14 48	14 38	6 54		n.a.	T 29
W30	21 6	17 28	4 45	18 48	0 4	13 45	1 15	22 26	0 42	5 1	1 30	11 17	2 8	24 1	0 25	5 23	1 44	31 28	10 10	14 52	14 39	6 52		n.a.	W30
T 31	21n17	19n18	4s14	19n29	0n 7	14n 9	1s13	22n33	0n42	5n 0	1n30	11s16	2s 9	24s 1	0s26	5s23	1s44	31n27	10n10	14n56	14n40	6s50		n.a.	T 31

Julian Day Number = 1621830.5, Delta T = 03h47m04s
Ecliptic obliquity = 23°43'35, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'07, Lahiri = - 7°43'06 Julian Calendar 1 May 273 BCE == Greg. Calendar 27 Apr. 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

JUNE 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 21 40	5♊22'28	6♋18	27♉40	12♉12	8♊19	20♍57	6♓24	5°R54	20♓32	24♋33	20°R 4	20♌56	18♓27	n.a.	F 1
S 2	16 25 37	6°19'35	19°57	29°48	13°25	8°58	20°59	6°26	5♑52	20°33	24°34	19♌58	20°53	18°33	n.a.	S 2
S 3	16 29 33	7°16'42	3♌45	1♊56	14°37	9°37	21° 1	6°28	5°50	20°34	24°35	19°55	20°50	18°40	n.a.	S 3
M 4	16 33 30	8°13'49	17°39	4° 6	15°50	10°16	21° 3	6°30	5°48	20°35	24°37	19°D54	20°47	18°47	n.a.	M 4
T 5	16 37 26	9°10'56	1♍41	6°16	17° 2	10°55	21° 6	6°32	5°46	20°36	24°38	19°54	20°44	18°53	n.a.	T 5
W 6	16 41 23	10° 8'03	15°48	8°25	18°15	11°34	21° 8	6°34	5°43	20°36	24°40	19°R54	20°40	19° 0	n.a.	W 6
T 7	16 45 19	11° 5'09	29°59	10°35	19°28	12°13	21°11	6°36	5°41	20°37	24°41	19°53	20°37	19° 7	n.a.	T 7
F 8	16 49 16	12° 2'15	14♎15	12°45	20°41	12°52	21°14	6°37	5°39	20°38	24°43	19°50	20°34	19°13	n.a.	F 8
S 9	16 53 12	12°59'22	28°31	14°53	21°53	13°31	21°17	6°39	5°37	20°38	24°44	19°44	20°31	19°20	n.a.	S 9
S 10	16 57 9	13°56'28	12♏43	17° 1	23° 6	14°10	21°20	6°40	5°35	20°39	24°46	19°36	20°28	19°27	n.a.	S 10
M11	17 1 6	14°53'35	26°47	19° 8	24°19	14°49	21°23	6°41	5°33	20°40	24°47	19°26	20°25	19°33	n.a.	M11
T 12	17 5 2	15°50'42	10♐38	21°14	25°32	15°28	21°27	6°42	5°31	20°40	24°49	19°16	20°21	19°40	n.a.	T 12
W13	17 8 59	16°47'50	24°12	23°18	26°45	16° 7	21°31	6°43	5°28	20°41	24°51	19° 6	20°18	19°47	n.a.	W13
T 14	17 12 55	17°44'58	7♑28	25°21	27°57	16°46	21°35	6°44	5°26	20°41	24°52	18°58	20°15	19°53	n.a.	T 14
F 15	17 16 52	18°42'06	20°22	27°22	29°10	17°25	21°39	6°45	5°24	20°42	24°54	18°53	20°12	20° 0	n.a.	F 15
S 16	17 20 48	19°39'15	2♒57	29°22	0♊23	18° 4	21°43	6°46	5°22	20°42	24°55	18°49	20° 9	20° 7	n.a.	S 16
S 17	17 24 45	20°36'25	15°15	1♋20	1°36	18°42	21°47	6°47	5°19	20°42	24°57	18°D48	20° 6	20°13	n.a.	S 17
M18	17 28 42	21°33'36	27°18	3°17	2°49	19°21	21°52	6°47	5°17	20°43	24°59	18°48	20° 2	20°20	n.a.	M18
T 19	17 32 38	22°30'47	9♓12	5°11	4° 2	20° 0	21°56	6°48	5°15	20°43	25° 0	18°49	19°59	20°27	n.a.	T 19
W20	17 36 35	23°28'00	21° 2	7° 4	5°16	20°39	22° 1	6°48	5°12	20°43	25° 2	18°R50	19°56	20°33	n.a.	W20
T 21	17 40 31	24°25'13	2♈53	8°55	6°29	21°17	22° 6	6°48	5°10	20°44	25° 4	18°49	19°53	20°40	n.a.	T 21
F 22	17 44 28	25°22'27	14°50	10°45	7°42	21°56	22°11	6°48	5° 8	20°44	25° 5	18°47	19°50	20°47	n.a.	F 22
S 23	17 48 24	26°19'43	26°58	12°33	8°55	22°35	22°17	6°R48	5° 5	20°44	25° 7	18°43	19°46	20°53	n.a.	S 23
S 24	17 52 21	27°16'59	9♉20	14°19	10° 8	23°13	22°22	6°48	5° 3	20°44	25° 9	18°37	19°43	21° 0	n.a.	S 24
M25	17 56 17	28°14'16	22° 1	16° 3	11°22	23°52	22°28	6°48	5° 1	20°44	25°11	18°30	19°40	21° 7	n.a.	M25
T 26	18 0 14	29°11'35	5♊ 1	17°45	12°35	24°31	22°33	6°48	4°58	20°44	25°12	18°21	19°37	21°13	n.a.	T 26
W27	18 4 11	0♋ 8'54	18°20	19°26	13°48	25° 9	22°39	6°47	4°56	20°44	25°14	18°13	19°34	21°20	n.a.	W27
T 28	18 8 7	1° 6'14	1♋57	21° 5	15° 2	25°48	22°45	6°47	4°53	20°R44	25°16	18° 6	19°31	21°27	n.a.	T 28
F 29	18 12 4	2° 3'36	15°49	22°42	16°15	26°26	22°51	6°46	4°51	20°44	25°18	18° 0	19°27	21°33	n.a.	F 29
S 30	18 16 0	3♋ 0'58	29♋53	24♋18	17♊28	27♊ 5	22♍58	6♓46	4♑49	20♓44	25♋20	17♌57	19♌24	21♓40	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n27	20n 5	3s29	20n10	0n17	14n34	1s11	22n39	0n43	4n59	1n29	11s16	2s 9	24s 1	0s26	5s23	1s44	31n27	10n 9	14n58	14n41	6s49		n.a.
S 2	21 37	19 43	2 32	20 48	0 28	14 58	1 9	22 46	0 43	4 58	1 29	11 15	2 9	24 1	0 26	5 22	1 44	31 26	10 9	15 0	14 42	6 47		n.a.
S 3	21 47	18 10	1 25	21 25	0 38	15 22	1 7	22 53	0 43	4 57	1 29	11 15	2 10	24 1	0 26	5 22	1 44	31 26	10 9	15 1	14 43	6 45		n.a.
M 4	21 57	15 32	0 12	22 0	0 47	15 45	1 4	22 59	0 44	4 56	1 28	11 14	2 10	24 1	0 26	5 22	1 44	31 26	10 9	15 1	14 44	6 43		n.a.
T 5	22 6	11 58	1n 2	22 32	0 56	16 8	1 2	23 5	0 44	4 55	1 28	11 14	2 10	24 2	0 26	5 22	1 44	31 25	10 9	15 1	14 45	6 41		n.a.
W 6	22 14	7 42	2 13	23 2	1 5	16 30	1 0	23 11	0 45	4 54	1 28	11 13	2 10	24 2	0 26	5 21	1 44	31 25	10 9	15 1	14 46	6 39		n.a.
T 7	22 22	3 0	3 16	23 30	1 13	16 53	0 58	23 17	0 45	4 52	1 28	11 13	2 11	24 2	0 26	5 21	1 44	31 24	10 9	15 2	14 47	6 37		n.a.
F 8	22 30	1s53	4 7	23 55	1 20	17 14	0 56	23 22	0 46	4 51	1 27	11 13	2 11	24 2	0 26	5 21	1 44	31 24	10 8	15 3	14 48	6 35		n.a.
S 9	22 38	6 40	4 43	24 17	1 26	17 36	0 53	23 27	0 46	4 50	1 27	11 12	2 11	24 2	0 26	5 21	1 44	31 24	10 8	15 5	14 49	6 33		n.a.
S 10	22 45	11 3	5 1	24 37	1 32	17 57	0 51	23 33	0 46	4 48	1 27	11 12	2 12	24 2	0 26	5 21	1 44	31 23	10 8	15 7	14 50	6 31		n.a.
M11	22 52	14 47	5 1	24 53	1 37	18 17	0 49	23 38	0 47	4 46	1 26	11 12	2 12	24 2	0 26	5 20	1 44	31 23	10 8	15 10	14 51	6 29		n.a.
T 12	22 58	17 39	4 43	25 7	1 41	18 37	0 46	23 42	0 47	4 45	1 26	11 12	2 12	24 2	0 26	5 20	1 44	31 22	10 8	15 13	14 53	6 27		n.a.
W13	23 4	19 27	4 9	25 18	1 45	18 57	0 44	23 47	0 48	4 43	1 26	11 12	2 12	24 2	0 26	5 20	1 44	31 22	10 8	15 16	14 54	6 25		n.a.
T 14	23 9	20 9	3 22	25 26	1 48	19 16	0 42	23 51	0 48	4 41	1 25	11 12	2 13	24 3	0 26	5 20	1 45	31 21	10 8	15 19	14 55	6 23		n.a.
F 15	23 14	19 45	2 26	25 32	1 50	19 35	0 39	23 56	0 49	4 39	1 25	11 11	2 13	24 3	0 26	5 20	1 45	31 21	10 8	15 21	14 56	6 21		n.a.
S 16	23 19	18 22	1 24	25 35	1 52	19 53	0 37	24 0	0 49	4 37	1 25	11 11	2 13	24 3	0 26	5 20	1 45	31 21	10 8	15 22	14 57	6 20		n.a.
S 17	23 23	16 9	0 19	25 36	1 52	20 10	0 34	24 4	0 49	4 35	1 25	11 11	2 14	24 3	0 26	5 20	1 45	31 20	10 7	15 22	14 58	6 18		n.a.
M18	23 27	13 16	0s46	25 34	1 53	20 27	0 32	24 7	0 50	4 33	1 24	11 12	2 14	24 3	0 26	5 20	1 45	31 20	10 7	15 22	14 59	6 16		n.a.
T 19	23 31	9 52	1 47	25 30	1 52	20 44	0 29	24 11	0 50	4 31	1 24	11 12	2 14	24 3	0 26	5 19	1 45	31 19	10 7	15 22	15 0	6 14		n.a.
W20	23 34	6 6	2 44	25 23	1 51	21 0	0 27	24 14	0 51	4 29	1 24	11 12	2 14	24 3	0 26	5 19	1 45	31 19	10 7	15 22	15 1	6 12		n.a.
T 21	23 36	2 7	3 34	25 15	1 50	21 15	0 24	24 17	0 51	4 27	1 24	11 12	2 15	24 3	0 26	5 19	1 45	31 19	10 7	15 22	15 2	6 10		n.a.
F 22	23 39	2n 0	4 15	25 4	1 47	21 30	0 22	24 20	0 51	4 24	1 23	11 12	2 15	24 3	0 26	5 19	1 45	31 18	10 7	15 22	15 3	6 8		n.a.
S 23	23 40	6 5	4 46	24 52	1 45	21 44	0 19	24 23	0 52	4 22	1 23	11 12	2 15	24 3	0 26	5 19	1 45	31 18	10 7	15 24	15 4	6 6		n.a.
S 24	23 42	9 59	5 3	24 38	1 41	21 57	0 17	24 25	0 52	4 20	1 23	11 13	2 16	24 4	0 26	5 19	1 45	31 17	10 7	15 26	15 5	6 4		n.a.
M25	23 43	13 33	5 7	24 22	1 38	22 10	0 14	24 27	0 52	4 17	1 22	11 13	2 16	24 4	0 26	5 19	1 45	31 17	10 7	15 28	15 6	6 2		n.a.
T 26	23 43	16 34	4 54	24 4	1 33	22 23	0 12	24 29	0 53	4 15	1 22	11 13	2 16	24 4	0 26	5 19	1 45	31 17	10 7	15 31	15 7	6 0		n.a.
W27	23 44	18 47	4 26	23 46	1 29	22 35	0 9	24 31	0 53	4 12	1 22	11 14	2 16	24 4	0 26	5 19	1 45	31 16	10 7	15 33	15 8	5 58		n.a.
T 28	23 43	20 0	3 42	23 25	1 23	22 46	0 7	24 33	0 54	4 9	1 22	11 14	2 17	24 4	0 26	5 19	1 45	31 16	10 7	15 35	15 9	5 56		n.a.
F 29	23 43	20 3	2 45	23 4	1 18	22 56	0 4	24 35	0 54	4 7	1 21	11 15	2 17	24 4	0 26	5 20	1 45	31 15	10 7	15 37	15 10	5 54		n.a.
S 30	23n41	18n51	1s36	22n41	1n12	23n 6	0s 2	24n36	0n54	4n 4	1n21	11s15	2s17	24s 4	0s26	5s20	1s46	31n15	10n 7	15n38	15n11	5s52		n.a.

Julian Day Number = 1621861.5, Delta T = 03h47m03s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°50'02, Lahiri = - 7°43'02 Julian Calendar 1 June 273 BCE == Greg. Calendar 28 May 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

JULY 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 19 57	3♋58'21	14♌ 4	25♋52	18♊42	27♊44	23♍ 4	6°R45	4°R46	20°R44	25♋22	17°D56	19♌21	21♓47	n.a.	S 1
M 2	18 23 53	4°55'45	28°20	27°24	19°55	28°22	23°11	6♓44	4♉44	20♓44	25°23	17♌56	19°18	21°53	n.a.	M 2
T 3	18 27 50	5°53'09	12♍35	28°54	21° 9	29° 1	23°18	6°43	4°41	20°44	25°25	17°57	19°15	22° 0	n.a.	T 3
W 4	18 31 46	6°50'35	26°49	0♌23	22°23	29°39	23°24	6°42	4°39	20°44	25°27	17°58	19°12	22° 7	n.a.	W 4
T 5	18 35 43	7°48'01	10♎59	1°50	23°36	0♋18	23°31	6°41	4°37	20°44	25°29	17°R59	19° 8	22°13	n.a.	T 5
F 6	18 39 40	8°45'28	25° 4	3°15	24°50	0°56	23°39	6°39	4°34	20°43	25°31	17°57	19° 5	22°20	n.a.	F 6
S 7	18 43 36	9°42'56	9♏ 2	4°38	26° 3	1°34	23°46	6°38	4°32	20°43	25°33	17°55	19° 2	22°27	n.a.	S 7
S 8	18 47 33	10°40'24	22°50	6° 0	27°17	2°13	23°53	6°36	4°29	20°43	25°35	17°50	18°59	22°33	n.a.	S 8
M 9	18 51 29	11°37'54	6♐28	7°19	28°31	2°51	24° 1	6°35	4°27	20°42	25°36	17°45	18°56	22°40	n.a.	M 9
T 10	18 55 26	12°35'25	19°54	8°37	29°44	3°30	24° 8	6°33	4°25	20°42	25°38	17°39	18°52	22°47	n.a.	T 10
W11	18 59 22	13°32'57	3♑ 5	9°52	0♋58	4° 8	24°16	6°31	4°22	20°42	25°40	17°34	18°49	22°53	n.a.	W11
T 12	19 3 19	14°30'31	16° 0	11° 6	2°12	4°46	24°24	6°29	4°20	20°41	25°42	17°30	18°46	23° 0	n.a.	T 12
F 13	19 7 15	15°28'06	28°40	12°17	3°26	5°25	24°32	6°27	4°18	20°41	25°44	17°27	18°43	23° 7	n.a.	F 13
S 14	19 11 12	16°25'42	11♒ 5	13°26	4°40	6° 3	24°40	6°25	4°15	20°40	25°46	17°25	18°40	23°13	n.a.	S 14
S 15	19 15 9	17°23'19	23°16	14°33	5°54	6°41	24°49	6°23	4°13	20°40	25°48	17°D25	18°37	23°20	n.a.	S 15
M16	19 19 5	18°20'58	5♓17	15°38	7° 8	7°20	24°57	6°21	4°11	20°39	25°50	17°26	18°33	23°27	n.a.	M16
T 17	19 23 2	19°18'39	17°10	16°40	8°22	7°58	25° 5	6°18	4° 8	20°39	25°52	17°28	18°30	23°33	n.a.	T 17
W18	19 26 58	20°16'22	29° 0	17°39	9°36	8°36	25°14	6°16	4° 6	20°38	25°54	17°30	18°27	23°40	n.a.	W18
T 19	19 30 55	21°14'06	10♈51	18°36	10°50	9°15	25°23	6°13	4° 4	20°37	25°56	17°31	18°24	23°47	n.a.	T 19
F 20	19 34 51	22°11'52	22°47	19°30	12° 4	9°53	25°32	6°11	4° 1	20°37	25°58	17°R31	18°21	23°53	n.a.	F 20
S 21	19 38 48	23° 9'40	4♉55	20°20	13°18	10°31	25°41	6° 8	3°59	20°36	26° 0	17°31	18°18	24° 0	n.a.	S 21
S 22	19 42 44	24° 7'29	17°18	21° 8	14°32	11° 9	25°50	6° 5	3°57	20°35	26° 2	17°29	18°14	24° 7	n.a.	S 22
M23	19 46 41	25° 5'21	0♊ 1	21°52	15°46	11°47	25°59	6° 2	3°55	20°34	26° 3	17°27	18°11	24°13	n.a.	M23
T 24	19 50 38	26° 3'14	13° 5	22°33	17° 0	12°26	26° 8	5°59	3°53	20°34	26° 5	17°24	18° 8	24°20	n.a.	T 24
W25	19 54 34	27° 1'10	26°33	23° 9	18°14	13° 4	26°17	5°56	3°50	20°33	26° 7	17°21	18° 5	24°27	n.a.	W25
T 26	19 58 31	27°59'07	10♋24	23°42	19°29	13°42	26°27	5°53	3°48	20°32	26° 9	17°18	18° 2	24°33	n.a.	T 26
F 27	20 2 27	28°57'06	24°35	24°10	20°43	14°20	26°37	5°50	3°46	20°31	26°11	17°16	17°58	24°40	n.a.	F 27
S 28	20 6 24	29°55'06	9♌ 2	24°34	21°57	14°58	26°46	5°47	3°44	20°30	26°13	17°15	17°55	24°47	n.a.	S 28
S 29	20 10 20	0♌53'09	23°39	24°53	23°12	15°37	26°56	5°43	3°42	20°29	26°15	17°D15	17°52	24°53	n.a.	S 29
M30	20 14 17	1°51'12	8♍20	25° 7	24°26	16°15	27° 6	5°40	3°40	20°28	26°17	17°16	17°49	25° 0	n.a.	M30
T 31	20 18 13	2♌49'18	22♍59	25♌15	25♋40	16♋53	27♍16	5♓36	3♉38	20♓27	26♋19	17♌17	17♌46	25♓ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n40	16n28	0s21	22n18	1n 5	23n15	0n 1	24n37	0n55	4n 1	1n21	11s16	2s17	24s 4	0s26	5s20	1s46	31n15	10n 7	15n38	15n12	5s50			n.a.
M 2	23 38	13 4	0n56	21 53	0 59	23 23	0 3	24 38	0 55	3 58	1 21	11 16	2 18	24 4	0 26	5 20	1 46	31 14	10 7	15 38	15 13	5 48			n.a.
T 3	23 36	8 55	2 10	21 28	0 52	23 31	0 6	24 39	0 55	3 55	1 20	11 17	2 18	24 4	0 26	5 20	1 46	31 14	10 7	15 38	15 14	5 46			n.a.
W 4	23 33	4 16	3 15	21 2	0 44	23 38	0 8	24 39	0 56	3 52	1 20	11 18	2 18	24 5	0 26	5 20	1 46	31 13	10 7	15 38	15 15	5 44			n.a.
T 5	23 30	0s36	4 9	20 35	0 36	23 45	0 11	24 40	0 56	3 49	1 20	11 18	2 19	24 5	0 26	5 20	1 46	31 13	10 6	15 38	15 16	5 42			n.a.
F 6	23 26	5 22	4 47	20 7	0 28	23 50	0 13	24 40	0 57	3 46	1 20	11 19	2 19	24 5	0 26	5 20	1 46	31 13	10 6	15 38	15 17	5 40			n.a.
S 7	23 22	9 50	5 7	19 39	0 20	23 55	0 15	24 40	0 57	3 43	1 19	11 20	2 19	24 5	0 26	5 20	1 46	31 12	10 6	15 39	15 18	5 38			n.a.
S 8	23 17	13 43	5 10	19 11	0 11	24 0	0 18	24 40	0 57	3 40	1 19	11 21	2 19	24 5	0 26	5 21	1 46	31 12	10 6	15 40	15 19	5 36			n.a.
M 9	23 13	16 49	4 55	18 42	0 2	24 3	0 20	24 39	0 58	3 37	1 19	11 22	2 20	24 5	0 26	5 21	1 46	31 11	10 6	15 42	15 20	5 34			n.a.
T 10	23 7	18 58	4 23	18 13	0s 7	24 6	0 23	24 39	0 58	3 33	1 19	11 23	2 20	24 5	0 26	5 21	1 46	31 11	10 6	15 44	15 21	5 32			n.a.
W11	23 2	20 3	3 39	17 43	0 17	24 8	0 25	24 38	0 58	3 30	1 18	11 23	2 20	24 5	0 26	5 21	1 46	31 11	10 6	15 45	15 22	5 30			n.a.
T 12	22 56	20 3	2 43	17 14	0 26	24 10	0 27	24 37	0 59	3 27	1 18	11 24	2 20	24 5	0 26	5 22	1 46	31 10	10 6	15 47	15 23	5 28			n.a.
F 13	22 49	19 2	1 41	16 45	0 36	24 10	0 30	24 36	0 59	3 23	1 18	11 25	2 21	24 5	0 26	5 22	1 46	31 10	10 7	15 47	15 24	5 26			n.a.
S 14	22 42	17 6	0 35	16 15	0 46	24 10	0 32	24 34	0 59	3 20	1 18	11 26	2 21	24 5	0 26	5 22	1 46	31 10	10 7	15 48	15 25	5 24			n.a.
S 15	22 35	14 26	0s32	15 46	0 56	24 10	0 34	24 33	1 0	3 16	1 18	11 27	2 21	24 5	0 26	5 22	1 46	31 9	10 7	15 48	15 26	5 22			n.a.
M16	22 27	11 11	1 37	15 17	1 7	24 8	0 36	24 31	1 0	3 13	1 17	11 29	2 21	24 6	0 26	5 23	1 47	31 9	10 7	15 48	15 27	5 20			n.a.
T 17	22 19	7 31	2 36	14 48	1 17	24 6	0 38	24 29	1 0	3 9	1 17	11 30	2 22	24 6	0 26	5 23	1 47	31 8	10 7	15 47	15 28	5 18			n.a.
W18	22 11	3 36	3 29	14 20	1 28	24 3	0 40	24 27	1 1	3 5	1 17	11 31	2 22	24 6	0 26	5 23	1 47	31 8	10 7	15 47	15 29	5 16			n.a.
T 19	22 2	0n28	4 13	13 52	1 38	23 59	0 43	24 25	1 1	3 2	1 17	11 32	2 22	24 6	0 26	5 23	1 47	31 8	10 7	15 46	15 30	5 14			n.a.
F 20	21 52	4 33	4 46	13 25	1 49	23 55	0 45	24 22	1 1	2 58	1 16	11 33	2 22	24 6	0 26	5 24	1 47	31 7	10 7	15 46	15 31	5 12			n.a.
S 21	21 43	8 29	5 7	12 59	2 0	23 50	0 47	24 20	1 2	2 54	1 16	11 34	2 23	24 6	0 26	5 24	1 47	31 7	10 7	15 46	15 32	5 10			n.a.
S 22	21 33	12 10	5 15	12 34	2 11	23 44	0 49	24 17	1 2	2 50	1 16	11 36	2 23	24 6	0 26	5 24	1 47	31 7	10 7	15 47	15 33	5 8			n.a.
M23	21 22	15 23	5 7	12 9	2 22	23 37	0 51	24 14	1 2	2 46	1 16	11 37	2 23	24 6	0 26	5 25	1 47	31 6	10 7	15 47	15 34	5 6			n.a.
T 24	21 11	17 57	4 44	11 46	2 32	23 30	0 52	24 11	1 3	2 42	1 16	11 38	2 23	24 6	0 26	5 25	1 47	31 6	10 7	15 48	15 35	5 4			n.a.
W25	21 0	19 36	4 5	11 24	2 43	23 22	0 54	24 7	1 3	2 38	1 15	11 40	2 24	24 6	0 26	5 26	1 47	31 6	10 7	15 49	15 36	5 2			n.a.
T 26	20 49	20 10	3 10	11 3	2 53	23 13	0 56	24 4	1 3	2 34	1 15	11 41	2 24	24 6	0 26	5 26	1 47	31 5	10 7	15 50	15 37	5 0			n.a.
F 27	20 37	19 28	2 2	10 44	3 4	23 4	0 58	24 0	1 4	2 30	1 15	11 43	2 24	24 6	0 26	5 26	1 47	31 5	10 7	15 51	15 38	4 58			n.a.
S 28	20 25	17 29	0 45	10 27	3 13	22 53	1 0	23 56	1 4	2 26	1 15	11 44	2 24	24 6	0 26	5 27	1 47	31 5	10 7	15 51	15 39	4 56			n.a.
S 29	20 12	14 21	0n35	10 12	3 23	22 43	1 1	23 52	1 4	2 22	1 15	11 45	2 24	24 6	0 26	5 27	1 47	31 5	10 7	15 51	15 40	4 54			n.a.
M30	19 59	10 18	1 54	9 58	3 32	22 31	1 3	23 48	1 5	2 18	1 14	11 47	2 25	24 6	0 26	5 28	1 47	31 4	10 8	15 51	15 41	4 52			n.a.
T 31	19n46	5n39	3n 5	9n47	3s41	22n19	1n 4	23n43	1n 5	2n14	1n14	11s48	2s25	24s 7	0s26	5s28	1s47	31n 4	10n 8	15n50	15n42	4s50			n.a.

Julian Day Number = 1621891.5, Delta T = 03h47m02s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'58, Lahiri = - 7°42'58 Julian Calendar 1 July 273 BCE == Greg. Calendar 27 June 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

AUGUST 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 22 10	3♌47'25	7♎30	25°R18	26♋55	17♋31	27♍26	5°R33	3°R36	20°R26	26♋21	17♌18	17♌43	25♓13	n.a.	W 1
T 2	20 26 7	4°45'33	21°49	25♌15	28° 9	18° 9	27°36	5♓29	3♑34	20♓25	26°23	17°19	17°39	25°20	n.a.	T 2
F 3	20 30 3	5°43'43	5♏54	25° 6	29°24	18°47	27°46	5°25	3°32	20°24	26°25	17°R19	17°36	25°27	n.a.	F 3
S 4	20 34 0	6°41'55	19°43	24°50	0♌38	19°25	27°57	5°21	3°30	20°23	26°27	17°19	17°33	25°33	n.a.	S 4
S 5	20 37 56	7°40'08	3♐16	24°28	1°53	20° 3	28° 7	5°18	3°28	20°22	26°29	17°18	17°30	25°40	n.a.	S 5
M 6	20 41 53	8°38'23	16°34	24° 0	3° 7	20°41	28°18	5°14	3°27	20°21	26°31	17°17	17°27	25°47	n.a.	M 6
T 7	20 45 49	9°36'39	29°36	23°25	4°22	21°20	28°28	5°10	3°25	20°20	26°33	17°16	17°23	25°54	n.a.	T 7
W 8	20 49 46	10°34'57	12♑24	22°45	5°36	21°58	28°39	5° 6	3°23	20°19	26°34	17°15	17°20	26° 0	n.a.	W 8
T 9	20 53 42	11°33'17	24°59	21°58	6°51	22°36	28°50	5° 2	3°21	20°17	26°36	17°14	17°17	26° 7	n.a.	T 9
F 10	20 57 39	12°31'39	7♒22	21° 7	8° 6	23°14	29° 1	4°57	3°20	20°16	26°38	17°14	17°14	26°14	n.a.	F 10
S 11	21 1 36	13°30'03	19°35	20°11	9°20	23°52	29°11	4°53	3°18	20°15	26°40	17°D14	17°11	26°20	n.a.	S 11
S 12	21 5 32	14°28'29	1♓38	19°12	10°35	24°30	29°22	4°49	3°16	20°14	26°42	17°14	17° 8	26°27	n.a.	S 12
M13	21 9 29	15°26'56	13°33	18°11	11°50	25° 8	29°34	4°45	3°15	20°12	26°44	17°14	17° 4	26°34	n.a.	M13
T 14	21 13 25	16°25'26	25°24	17° 9	13° 4	25°46	29°45	4°40	3°13	20°11	26°46	17°14	17° 1	26°40	n.a.	T 14
W15	21 17 22	17°23'58	7♈13	16° 7	14°19	26°24	29°56	4°36	3°12	20°10	26°48	17°R14	16°58	26°47	n.a.	W15
T 16	21 21 18	18°22'33	19° 4	15° 8	15°34	27° 2	0♎ 7	4°31	3°10	20° 8	26°49	17°14	16°55	26°54	n.a.	T 16
F 17	21 25 15	19°21'09	1♉ 1	14°12	16°49	27°40	0°19	4°27	3° 9	20° 7	26°51	17°14	16°52	27° 0	n.a.	F 17
S 18	21 29 11	20°19'48	13° 7	13°20	18° 3	28°18	0°30	4°23	3° 7	20° 6	26°53	17°14	16°49	27° 7	n.a.	S 18
S 19	21 33 8	21°18'29	25°27	12°35	19°18	28°55	0°42	4°18	3° 6	20° 4	26°55	17°D14	16°45	27°14	n.a.	S 19
M20	21 37 4	22°17'13	8♊ 6	11°58	20°33	29°33	0°53	4°13	3° 5	20° 3	26°57	17°14	16°42	27°20	n.a.	M20
T 21	21 41 1	23°15'59	21° 7	11°28	21°48	0♌11	1° 5	4° 9	3° 3	20° 1	26°58	17°15	16°39	27°27	n.a.	T 21
W22	21 44 58	24°14'47	4♋33	11° 8	23° 3	0°49	1°17	4° 4	3° 2	20° 0	27° 0	17°15	16°36	27°34	n.a.	W22
T 23	21 48 54	25°13'38	18°26	10°57	24°18	1°27	1°28	4° 0	3° 1	19°58	27° 2	17°16	16°33	27°40	n.a.	T 23
F 24	21 52 51	26°12'31	2♌43	10°D56	25°33	2° 5	1°40	3°55	3° 0	19°57	27° 4	17°17	16°29	27°47	n.a.	F 24
S 25	21 56 47	27°11'27	17°23	11° 6	26°48	2°43	1°52	3°50	2°59	19°55	27° 6	17°R17	16°26	27°54	n.a.	S 25
S 26	22 0 44	28°10'24	2♍19	11°25	28° 3	3°21	2° 4	3°45	2°58	19°54	27° 7	17°16	16°23	28° 0	n.a.	S 26
M27	22 4 40	29° 9'23	17°23	11°53	29°18	3°59	2°16	3°41	2°57	19°52	27° 9	17°16	16°20	28° 7	n.a.	M27
T 28	22 8 37	0♍ 8'25	2♎26	12°31	0♍33	4°37	2°28	3°36	2°56	19°51	27°11	17°14	16°17	28°14	n.a.	T 28
W29	22 12 33	1° 7'28	17°19	13°18	1°48	5°15	2°40	3°31	2°55	19°49	27°12	17°13	16°14	28°20	n.a.	W29
T 30	22 16 30	2° 6'34	1♏55	14°13	3° 3	5°53	2°53	3°27	2°54	19°48	27°14	17°11	16°10	28°27	n.a.	T 30
F 31	22 20 27	3♍ 5'41	16♏10	15♌15	4♍18	6♌30	3♎ 5	3♓22	2♑53	19♓46	27♋16	17♌10	16♌ 7	28♓34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n32	0n43	4n 4	9n39	3s49	22n 6	1n 6	23n38	1n 5	2n10	1n14	11s50	2s25	24s 7	0s26	5s28	1s47	31n 4	10n 8	15n50	15n43	4s48		n.a.
T 2	19 18	4s11	4 46	9 33	3 56	21 53	1 7	23 34	1 5	2 5	1 14	11 52	2 25	24 7	0 26	5 29	1 48	31 3	10 8	15 50	15 44	4 46		n.a.
F 3	19 4	8 46	5 11	9 30	4 3	21 38	1 9	23 29	1 6	2 1	1 14	11 53	2 25	24 7	0 26	5 29	1 48	31 3	10 8	15 50	15 45	4 44		n.a.
S 4	18 49	12 48	5 17	9 30	4 8	21 24	1 10	23 23	1 6	1 57	1 13	11 55	2 26	24 7	0 26	5 30	1 48	31 3	10 8	15 50	15 45	4 42		n.a.
S 5	18 34	16 5	5 5	9 33	4 13	21 8	1 11	23 18	1 6	1 52	1 13	11 56	2 26	24 7	0 26	5 30	1 48	31 3	10 8	15 50	15 46	4 39		n.a.
M 6	18 19	18 27	4 37	9 40	4 16	20 52	1 13	23 13	1 7	1 48	1 13	11 58	2 26	24 7	0 26	5 31	1 48	31 2	10 8	15 50	15 47	4 37		n.a.
T 7	18 3	19 49	3 55	9 49	4 17	20 36	1 14	23 7	1 7	1 44	1 13	12 0	2 26	24 7	0 26	5 31	1 48	31 2	10 8	15 51	15 48	4 35		n.a.
W 8	17 48	20 8	3 2	10 3	4 18	20 18	1 15	23 1	1 7	1 39	1 13	12 1	2 26	24 7	0 26	5 32	1 48	31 2	10 9	15 51	15 49	4 33		n.a.
T 9	17 31	19 25	2 0	10 19	4 16	20 0	1 16	22 55	1 7	1 35	1 13	12 3	2 27	24 7	0 26	5 32	1 48	31 1	10 9	15 51	15 50	4 31		n.a.
F 10	17 15	17 46	0 54	10 39	4 12	19 42	1 17	22 49	1 8	1 30	1 12	12 5	2 27	24 7	0 26	5 33	1 48	31 1	10 9	15 51	15 51	4 29		n.a.
S 11	16 58	15 20	0s13	11 2	4 7	19 23	1 18	22 42	1 8	1 26	1 12	12 6	2 27	24 7	0 26	5 33	1 48	31 1	10 9	15 51	15 52	4 27		n.a.
S 12	16 41	12 15	1 19	11 27	3 59	19 3	1 19	22 36	1 8	1 21	1 12	12 8	2 27	24 7	0 26	5 34	1 48	31 1	10 9	15 51	15 53	4 25		n.a.
M13	16 24	8 42	2 21	11 55	3 50	18 43	1 20	22 29	1 9	1 16	1 12	12 10	2 27	24 7	0 26	5 35	1 48	31 1	10 9	15 51	15 54	4 23		n.a.
T 14	16 6	4 51	3 17	12 25	3 39	18 23	1 20	22 22	1 9	1 12	1 12	12 12	2 27	24 7	0 26	5 35	1 48	31 0	10 10	15 51	15 55	4 21		n.a.
W15	15 48	0 49	4 4	12 56	3 25	18 1	1 21	22 15	1 9	1 7	1 12	12 13	2 27	24 7	0 26	5 36	1 48	31 0	10 10	15 51	15 56	4 19		n.a.
T 16	15 30	3n14	4 40	13 28	3 10	17 40	1 22	22 8	1 9	1 2	1 11	12 15	2 28	24 7	0 26	5 36	1 48	31 0	10 10	15 51	15 57	4 17		n.a.
F 17	15 12	7 12	5 5	14 0	2 54	17 17	1 22	22 1	1 10	0 58	1 11	12 17	2 28	24 7	0 26	5 37	1 48	31 0	10 10	15 51	15 58	4 15		n.a.
S 18	14 53	10 56	5 17	14 31	2 36	16 55	1 23	21 54	1 10	0 53	1 11	12 19	2 28	24 7	0 26	5 37	1 48	30 59	10 10	15 51	15 59	4 13		n.a.
S 19	14 34	14 16	5 14	15 2	2 18	16 32	1 23	21 46	1 10	0 48	1 11	12 20	2 28	24 7	0 26	5 38	1 48	30 59	10 10	15 51	16 0	4 11		n.a.
M20	14 15	17 2	4 57	15 31	1 59	16 8	1 24	21 38	1 11	0 43	1 11	12 22	2 28	24 7	0 26	5 39	1 48	30 59	10 11	15 51	16 1	4 9		n.a.
T 21	13 56	19 2	4 24	15 58	1 39	15 44	1 24	21 30	1 11	0 39	1 11	12 24	2 28	24 7	0 26	5 39	1 48	30 59	10 11	15 51	16 2	4 7		n.a.
W22	13 36	20 3	3 36	16 22	1 20	15 19	1 24	21 22	1 11	0 34	1 10	12 26	2 28	24 7	0 26	5 40	1 48	30 59	10 11	15 51	16 3	4 4		n.a.
T 23	13 16	19 54	2 33	16 43	1 0	14 54	1 24	21 14	1 11	0 29	1 10	12 28	2 28	24 7	0 26	5 41	1 48	30 59	10 11	15 51	16 4	4 2		n.a.
F 24	12 56	18 29	1 20	17 2	0 42	14 29	1 24	21 6	1 12	0 24	1 10	12 29	2 28	24 7	0 26	5 41	1 48	30 58	10 11	15 51	16 5	4 0		n.a.
S 25	12 36	15 49	0n 1	17 17	0 23	14 3	1 25	20 57	1 12	0 19	1 10	12 31	2 29	24 7	0 26	5 42	1 48	30 58	10 12	15 50	16 6	3 58		n.a.
S 26	12 15	12 3	1 22	17 28	0 6	13 37	1 25	20 48	1 12	0 14	1 10	12 33	2 29	24 7	0 26	5 42	1 48	30 58	10 12	15 51	16 7	3 56		n.a.
M27	11 54	7 29	2 39	17 36	0n10	13 10	1 24	20 40	1 12	0 9	1 10	12 35	2 29	24 7	0 26	5 43	1 48	30 58	10 12	15 51	16 8	3 54		n.a.
T 28	11 33	2 27	3 45	17 39	0 25	12 43	1 24	20 31	1 13	0 4	1 10	12 37	2 29	24 7	0 26	5 44	1 49	30 58	10 12	15 51	16 9	3 52		n.a.
W29	11 12	2s39	4 35	17 39	0 40	12 16	1 24	20 22	1 13	0s 1	1 10	12 38	2 29	24 7	0 26	5 44	1 49	30 58	10 13	15 52	16 10	3 50		n.a.
T 30	10 51	7 31	5 5	17 36	0 52	11 49	1 24	20 12	1 13	0 6	1 9	12 40	2 29	24 7	0 26	5 45	1 49	30 58	10 13	15 52	16 11	3 48		n.a.
F 31	10n29	11s50	5n16	17n28	1n 4	11n21	1n24	20n 3	1n13	0s11	1n 9	12s42	2s29	24s 7	0s26	5s46	1s49	30n57	10n13	15n53	16n12	3s46		n.a.

Julian Day Number = 1621922.5, Delta T = 03h47m01s
Ecliptic obliquity = 23°43'35, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'54, Lahiri = - 7°42'54 Julian Calendar 1 Aug. 273 BCE == Greg. Calendar 28 July 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

SEPTEMBER 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 24 23	4♍ 4'50	0♐ 2	16♌24	5♍33	7♌ 8	3♎17	3°R17	2°R52	19°R44	27♋17	17°D 9	16♌ 4	28♓40	n.a.	S 1
S 2	22 28 20	5° 4'01	13°31	17°39	6°48	7°46	3°29	3♓12	2♑52	19♓43	27°19	17♌ 9	16° 1	28°47	n.a.	S 2
M 3	22 32 16	6° 3'14	26°37	19° 0	8° 3	8°24	3°42	3° 8	2°51	19°41	27°21	17°10	15°58	28°54	n.a.	M 3
T 4	22 36 13	7° 2'29	9♑25	20°25	9°18	9° 2	3°54	3° 3	2°50	19°39	27°22	17°11	15°55	29° 1	n.a.	T 4
W 5	22 40 9	8° 1'45	21°57	21°54	10°33	9°40	4° 7	2°58	2°50	19°38	27°24	17°13	15°51	29° 7	n.a.	W 5
T 6	22 44 6	9° 1'04	4♒15	23°26	11°48	10°17	4°19	2°53	2°49	19°36	27°25	17°14	15°48	29°14	n.a.	T 6
F 7	22 48 2	10° 0'25	16°23	25° 1	13° 3	10°55	4°32	2°49	2°49	19°35	27°27	17°R15	15°45	29°21	n.a.	F 7
S 8	22 51 59	10°59'47	28°24	26°39	14°18	11°33	4°44	2°44	2°48	19°33	27°28	17°14	15°42	29°27	n.a.	S 8
S 9	22 55 55	11°59'12	10♓19	28°18	15°34	12°11	4°57	2°39	2°48	19°31	27°30	17°13	15°39	29°34	n.a.	S 9
M10	22 59 52	12°58'39	22°11	29°59	16°49	12°49	5°10	2°35	2°48	19°30	27°31	17°10	15°35	29°41	n.a.	M10
T 11	23 3 49	13°58'08	4♈ 1	1♍41	18° 4	13°26	5°23	2°30	2°47	19°28	27°33	17° 5	15°32	29°47	n.a.	T 11
W12	23 7 45	14°57'39	15°51	3°24	19°19	14° 4	5°35	2°25	2°47	19°26	27°34	17° 0	15°29	29°54	n.a.	W12
T 13	23 11 42	15°57'12	27°44	5° 8	20°34	14°42	5°48	2°21	2°47	19°25	27°36	16°55	15°26	0♈ 1	n.a.	T 13
F 14	23 15 38	16°56'48	9♉42	6°52	21°49	15°20	6° 1	2°16	2°47	19°23	27°37	16°51	15°23	0° 7	n.a.	F 14
S 15	23 19 35	17°56'26	21°49	8°36	23° 5	15°58	6°14	2°12	2°47	19°21	27°38	16°47	15°20	0°14	n.a.	S 15
S 16	23 23 31	18°56'07	4♊ 7	10°20	24°20	16°35	6°27	2° 7	2°D47	19°19	27°40	16°44	15°16	0°21	n.a.	S 16
M17	23 27 28	19°55'50	16°41	12° 3	25°35	17°13	6°40	2° 3	2°47	19°18	27°41	16°D43	15°13	0°27	n.a.	M17
T 18	23 31 24	20°55'35	29°35	13°47	26°50	17°51	6°53	1°59	2°47	19°16	27°42	16°43	15°10	0°34	n.a.	T 18
W19	23 35 21	21°55'23	12♋53	15°31	28° 5	18°29	7° 6	1°54	2°47	19°14	27°44	16°44	15° 7	0°41	n.a.	W19
T 20	23 39 18	22°55'13	26°37	17°14	29°21	19° 6	7°19	1°50	2°47	19°13	27°45	16°46	15° 4	0°47	n.a.	T 20
F 21	23 43 14	23°55'06	10♌48	18°56	0♎36	19°44	7°32	1°46	2°47	19°11	27°46	16°R47	15° 0	0°54	n.a.	F 21
S 22	23 47 11	24°55'00	25°25	20°39	1°51	20°22	7°45	1°42	2°47	19° 9	27°47	16°47	14°57	1° 1	n.a.	S 22
S 23	23 51 7	25°54'57	10♍24	22°20	3° 6	20°59	7°58	1°38	2°48	19° 8	27°49	16°45	14°54	1° 7	n.a.	S 23
M24	23 55 4	26°54'56	25°37	24° 2	4°21	21°37	8°11	1°34	2°48	19° 6	27°50	16°41	14°51	1°14	n.a.	M24
T 25	23 59 0	27°54'57	10♎54	25°42	5°37	22°15	8°24	1°29	2°49	19° 4	27°51	16°36	14°48	1°21	n.a.	T 25
W26	0 2 57	28°55'00	26° 5	27°23	6°52	22°53	8°37	1°26	2°49	19° 3	27°52	16°29	14°45	1°28	n.a.	W26
T 27	0 6 53	29°55'05	10♏59	29° 2	8° 7	23°30	8°51	1°22	2°50	19° 1	27°53	16°23	14°41	1°34	n.a.	T 27
F 28	0 10 50	0♎55'12	25°30	0♎41	9°22	24° 8	9° 4	1°18	2°50	18°59	27°54	16°17	14°38	1°41	n.a.	F 28
S 29	0 14 46	1°55'20	9♐32	2°20	10°38	24°46	9°17	1°14	2°51	18°58	27°55	16°13	14°35	1°48	n.a.	S 29
S 30	0 18 43	2♎55'30	23♐ 5	3♎58	11♎53	25♌23	9♎30	1♓10	2♑52	18♓56	27♋56	16♌10	14♌32	1♈54	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n 8	15s23	5n 8	17n17	1n14	10n52	1n23	19n54	1n14	0s16	1n 9	12s44	2s29	24s 7	0s26	5s46	1s49	30n57	10n13	15n53	16n13	3s44		n.a.
S 2	9 46	18 0	4 44	17 3	1 23	10 24	1 23	19 44	1 14	0 21	1 9	12 46	2 29	24 7	0 26	5 47	1 49	30 57	10 14	15 53	16 14	3 41		n.a.
M 3	9 24	19 37	4 5	16 45	1 31	9 55	1 22	19 34	1 14	0 26	1 9	12 47	2 29	24 7	0 26	5 48	1 49	30 57	10 14	15 53	16 15	3 39		n.a.
T 4	9 2	20 10	3 14	16 24	1 38	9 26	1 22	19 24	1 14	0 31	1 9	12 49	2 29	24 7	0 26	5 48	1 49	30 57	10 14	15 52	16 16	3 37		n.a.
W 5	8 39	19 41	2 15	16 0	1 43	8 57	1 21	19 14	1 15	0 36	1 9	12 51	2 29	24 7	0 26	5 49	1 49	30 57	10 14	15 52	16 16	3 35		n.a.
T 6	8 17	18 17	1 11	15 34	1 48	8 27	1 20	19 4	1 15	0 41	1 9	12 53	2 29	24 7	0 26	5 50	1 49	30 57	10 15	15 51	16 17	3 33		n.a.
F 7	7 54	16 2	0 5	15 5	1 51	7 57	1 19	18 54	1 15	0 47	1 9	12 54	2 29	24 7	0 26	5 50	1 49	30 57	10 15	15 51	16 18	3 31		n.a.
S 8	7 32	13 7	1s 1	14 33	1 54	7 27	1 19	18 44	1 15	0 52	1 8	12 56	2 29	24 7	0 26	5 51	1 49	30 57	10 15	15 51	16 19	3 29		n.a.
S 9	7 9	9 41	2 4	14 0	1 55	6 57	1 18	18 33	1 15	0 57	1 8	12 58	2 29	24 7	0 26	5 52	1 49	30 57	10 15	15 52	16 20	3 27		n.a.
M10	6 46	5 54	3 0	13 25	1 56	6 27	1 17	18 23	1 16	1 2	1 8	13 0	2 29	24 7	0 26	5 52	1 49	30 57	10 16	15 53	16 21	3 25		n.a.
T 11	6 23	1 53	3 49	12 48	1 56	5 56	1 16	18 12	1 16	1 7	1 8	13 1	2 29	24 7	0 26	5 53	1 49	30 57	10 16	15 54	16 22	3 23		n.a.
W12	6 0	2n12	4 28	12 10	1 55	5 25	1 15	18 1	1 16	1 12	1 8	13 3	2 29	24 7	0 26	5 54	1 49	30 57	10 16	15 55	16 23	3 20		n.a.
T 13	5 36	6 12	4 55	11 31	1 54	4 54	1 14	17 50	1 16	1 18	1 8	13 5	2 29	24 7	0 26	5 54	1 49	30 57	10 17	15 57	16 24	3 18		n.a.
F 14	5 13	9 59	5 10	10 50	1 52	4 23	1 12	17 39	1 17	1 23	1 8	13 6	2 29	24 7	0 26	5 55	1 49	30 57	10 17	15 59	16 25	3 16		n.a.
S 15	4 49	13 25	5 11	10 8	1 50	3 52	1 11	17 28	1 17	1 28	1 8	13 8	2 29	24 7	0 26	5 56	1 49	30 57	10 17	16 0	16 26	3 14		n.a.
S 16	4 26	16 20	4 58	9 26	1 47	3 21	1 10	17 17	1 17	1 33	1 8	13 9	2 29	24 7	0 26	5 56	1 49	30 57	10 18	16 1	16 27	3 12		n.a.
M17	4 2	18 33	4 31	8 43	1 43	2 49	1 8	17 5	1 17	1 39	1 8	13 11	2 29	24 7	0 26	5 57	1 49	30 57	10 18	16 1	16 28	3 10		n.a.
T 18	3 38	19 54	3 49	7 59	1 40	2 18	1 7	16 54	1 17	1 44	1 7	13 13	2 29	24 7	0 26	5 58	1 49	30 57	10 18	16 1	16 29	3 8		n.a.
W19	3 14	20 12	2 54	7 15	1 35	1 46	1 6	16 42	1 18	1 49	1 7	13 14	2 29	24 7	0 25	5 58	1 49	30 57	10 18	16 0	16 30	3 6		n.a.
T 20	2 51	19 19	1 48	6 30	1 31	1 15	1 4	16 30	1 18	1 54	1 7	13 16	2 29	24 7	0 25	5 59	1 49	30 57	10 19	16 0	16 31	3 4		n.a.
F 21	2 27	17 13	0 33	5 45	1 26	0 43	1 3	16 18	1 18	2 0	1 7	13 17	2 29	24 7	0 25	6 0	1 49	30 57	10 19	16 0	16 32	3 1		n.a.
S 22	2 3	13 56	0n47	4 59	1 21	0 11	1 1	16 7	1 18	2 5	1 7	13 19	2 29	24 7	0 25	6 0	1 49	30 57	10 19	16 0	16 33	2 59		n.a.
S 23	1 39	9 41	2 5	4 14	1 16	0s21	0 59	15 54	1 18	2 10	1 7	13 20	2 29	24 7	0 25	6 1	1 49	30 57	10 20	16 0	16 34	2 57		n.a.
M24	1 14	4 45	3 15	3 28	1 10	0 52	0 58	15 42	1 19	2 16	1 7	13 21	2 29	24 7	0 25	6 2	1 49	30 57	10 20	16 1	16 34	2 55		n.a.
T 25	0 50	0s31	4 12	2 43	1 5	1 24	0 56	15 30	1 19	2 21	1 7	13 23	2 28	24 7	0 25	6 2	1 49	30 57	10 20	16 3	16 35	2 53		n.a.
W26	0 26	5 41	4 50	1 57	0 59	1 56	0 54	15 18	1 19	2 26	1 7	13 24	2 28	24 7	0 25	6 3	1 49	30 57	10 21	16 5	16 36	2 51		n.a.
T 27	0 2	10 26	5 8	1 12	0 53	2 28	0 52	15 5	1 19	2 31	1 7	13 25	2 28	24 7	0 25	6 4	1 49	30 57	10 21	16 7	16 37	2 49		n.a.
F 28	0s22	14 25	5 5	0 26	0 47	2 59	0 50	14 53	1 19	2 37	1 7	13 27	2 28	24 7	0 25	6 4	1 49	30 57	10 21	16 9	16 38	2 47		n.a.
S 29	0 46	17 28	4 44	0s19	0 40	3 31	0 48	14 40	1 20	2 42	1 7	13 28	2 28	24 7	0 25	6 5	1 49	30 57	10 22	16 10	16 39	2 44		n.a.
S 30	1s11	19s25	4n 8	1s 5	0n34	4s 3	0n46	14n28	1n20	2s47	1n 7	13s29	2s28	24s 7	0s25	6s 6	1s49	30n58	10n22	16n11	16n40	2s42		n.a.

Julian Day Number = 1621953.5, Delta T = 03h46m59s
Ecliptic obliquity = 23°43'35, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'50, Lahiri = - 7°42'49 Julian Calendar 1 Sept. 273 BCE == Greg. Calendar 28 Aug. 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

OCTOBER 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 22 40	3♎55'42	6♉12	5♎36	13♎ 8	26♌ 1	9♎43	1°R 7	2♉52	18°R55	27♋57	16°D10	14♌29	2♈ 1	n.a.	M 1
T 2	0 26 36	4°55'55	18°54	7°13	14°23	26°39	9°57	1♓ 3	2°53	18♓53	27°58	16♌11	14°26	2° 8	n.a.	T 2
W 3	0 30 33	5°56'10	1♒18	8°50	15°39	27°16	10°10	1° 0	2°54	18°51	27°59	16°12	14°22	2°14	n.a.	W 3
T 4	0 34 29	6°56'27	13°27	10°26	16°54	27°54	10°23	0°56	2°55	18°50	28° 0	16°R13	14°19	2°21	n.a.	T 4
F 5	0 38 26	7°56'45	25°26	12° 2	18° 9	28°31	10°36	0°53	2°56	18°48	28° 1	16°12	14°16	2°28	n.a.	F 5
S 6	0 42 22	8°57'04	7♓19	13°38	19°24	29° 9	10°50	0°50	2°57	18°47	28° 2	16°10	14°13	2°34	n.a.	S 6
S 7	0 46 19	9°57'26	19° 9	15°13	20°39	29°47	11° 3	0°47	2°58	18°45	28° 3	16° 5	14°10	2°41	n.a.	S 7
M 8	0 50 15	10°57'49	0♈59	16°47	21°55	0♍24	11°16	0°44	2°59	18°44	28° 3	15°57	14° 6	2°48	n.a.	M 8
T 9	0 54 12	11°58'14	12°50	18°22	23°10	1° 2	11°30	0°41	3° 0	18°42	28° 4	15°48	14° 3	2°54	n.a.	T 9
W10	0 58 9	12°58'40	24°45	19°56	24°25	1°39	11°43	0°38	3° 1	18°41	28° 5	15°37	14° 0	3° 1	n.a.	W10
T 11	1 2 5	13°59'09	6♉44	21°29	25°40	2°17	11°56	0°35	3° 2	18°39	28° 6	15°25	13°57	3° 8	n.a.	T 11
F 12	1 6 2	14°59'39	18°49	23° 3	26°56	2°54	12° 9	0°32	3° 4	18°38	28° 6	15°14	13°54	3°15	n.a.	F 12
S 13	1 9 58	16° 0'11	1♊ 2	24°36	28°11	3°32	12°23	0°30	3° 5	18°36	28° 7	15° 4	13°51	3°21	n.a.	S 13
S 14	1 13 55	17° 0'45	13°25	26° 8	29°26	4° 9	12°36	0°27	3° 6	18°35	28° 8	14°56	13°47	3°28	n.a.	S 14
M15	1 17 51	18° 1'21	26° 1	27°41	0♏41	4°47	12°49	0°25	3° 8	18°33	28° 8	14°51	13°44	3°35	n.a.	M15
T 16	1 21 48	19° 1'59	8♋52	29°13	1°56	5°25	13° 3	0°23	3° 9	18°32	28° 9	14°49	13°41	3°41	n.a.	T 16
W17	1 25 44	20° 2'39	22° 2	0♏45	3°12	6° 2	13°16	0°20	3°11	18°30	28° 9	14°D49	13°38	3°48	n.a.	W17
T 18	1 29 41	21° 3'20	5♌34	2°17	4°27	6°40	13°29	0°18	3°12	18°29	28°10	14°49	13°35	3°55	n.a.	T 18
F 19	1 33 38	22° 4'04	19°31	3°48	5°42	7°17	13°42	0°16	3°14	18°28	28°10	14°R49	13°31	4° 1	n.a.	F 19
S 20	1 37 34	23° 4'49	3♍53	5°19	6°57	7°54	13°56	0°14	3°16	18°26	28°11	14°48	13°28	4° 8	n.a.	S 20
S 21	1 41 31	24° 5'35	18°39	6°50	8°12	8°32	14° 9	0°12	3°17	18°25	28°11	14°44	13°25	4°15	n.a.	S 21
M22	1 45 27	25° 6'24	3♎42	8°21	9°28	9° 9	14°22	0°11	3°19	18°24	28°12	14°37	13°22	4°21	n.a.	M22
T 23	1 49 24	26° 7'13	18°56	9°51	10°43	9°47	14°35	0° 9	3°21	18°23	28°12	14°28	13°19	4°28	n.a.	T 23
W24	1 53 20	27° 8'05	4♏ 9	11°21	11°58	10°24	14°48	0° 8	3°23	18°21	28°12	14°17	13°16	4°35	n.a.	W24
T 25	1 57 17	28° 8'58	19°10	12°51	13°13	11° 2	15° 2	0° 6	3°25	18°20	28°13	14° 6	13°12	4°42	n.a.	T 25
F 26	2 1 13	29° 9'51	3♐50	14°20	14°28	11°39	15°15	0° 5	3°27	18°19	28°13	13°56	13° 9	4°48	n.a.	F 26
S 27	2 5 10	0♏10'47	18° 2	15°49	15°43	12°16	15°28	0° 4	3°29	18°18	28°13	13°47	13° 6	4°55	n.a.	S 27
S 28	2 9 7	1°11'43	1♉44	17°17	16°59	12°54	15°41	0° 3	3°31	18°17	28°13	13°42	13° 3	5° 2	n.a.	S 28
M29	2 13 3	2°12'40	14°57	18°45	18°14	13°31	15°54	0° 2	3°33	18°16	28°14	13°38	13° 0	5° 8	n.a.	M29
T 30	2 17 0	3°13'38	27°43	20°12	19°29	14° 9	16° 7	0° 1	3°35	18°14	28°14	13°37	12°57	5°15	n.a.	T 30
W31	2 20 56	4♏14'36	10♒ 7	21♏39	20♏44	14♍46	16♎20	29♒59	3♉37	18♓13	28♋14	13♌37	12♌53	5♈22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1s35	20s16	3n19	1s50	0n28	4s34	0n44	14n15	1n20	2s53	1n 7	13s30	2s28	24s 7	0s25	6s 6	1s49	30n58	10n22	16n11	16n41	2s40		n.a.
T 2	1 59	20 2	2 22	2 35	0 21	5 5	0 42	14 2	1 20	2 58	1 7	13 32	2 28	24 7	0 25	6 7	1 49	30 58	10 23	16 11	16 42	2 38		n.a.
W 3	2 23	18 49	1 20	3 19	0 15	5 37	0 40	13 49	1 20	3 3	1 7	13 33	2 28	24 7	0 25	6 7	1 49	30 58	10 23	16 10	16 43	2 36		n.a.
T 4	2 47	16 45	0 15	4 4	0 8	6 8	0 38	13 36	1 21	3 9	1 6	13 34	2 28	24 7	0 25	6 8	1 49	30 58	10 23	16 10	16 44	2 34		n.a.
F 5	3 11	13 58	0s50	4 48	0 1	6 39	0 36	13 23	1 21	3 14	1 6	13 35	2 27	24 7	0 25	6 9	1 49	30 58	10 24	16 10	16 45	2 32		n.a.
S 6	3 35	10 38	1 51	5 31	0s 5	7 10	0 34	13 10	1 21	3 19	1 6	13 36	2 27	24 7	0 25	6 9	1 49	30 58	10 24	16 11	16 46	2 29		n.a.
S 7	3 59	6 54	2 47	6 15	0 12	7 40	0 32	12 57	1 21	3 24	1 6	13 37	2 27	24 7	0 25	6 10	1 49	30 59	10 25	16 12	16 47	2 27		n.a.
M 8	4 23	2 54	3 36	6 57	0 18	8 11	0 29	12 44	1 21	3 30	1 6	13 38	2 27	24 7	0 25	6 10	1 49	30 59	10 25	16 15	16 48	2 25		n.a.
T 9	4 47	1n13	4 16	7 40	0 25	8 41	0 27	12 30	1 21	3 35	1 6	13 39	2 27	24 7	0 25	6 11	1 49	30 59	10 25	16 18	16 49	2 23		n.a.
W10	5 11	5 18	4 44	8 22	0 31	9 12	0 25	12 17	1 22	3 40	1 6	13 40	2 27	24 7	0 25	6 12	1 49	30 59	10 26	16 21	16 49	2 21		n.a.
T 11	5 35	9 12	5 0	9 4	0 38	9 41	0 22	12 3	1 22	3 46	1 6	13 41	2 27	24 7	0 25	6 12	1 49	30 59	10 26	16 24	16 50	2 19		n.a.
F 12	5 59	12 46	5 3	9 45	0 44	10 11	0 20	11 50	1 22	3 51	1 6	13 41	2 26	24 7	0 25	6 13	1 49	31 0	10 26	16 28	16 51	2 16		n.a.
S 13	6 22	15 51	4 52	10 25	0 51	10 41	0 18	11 36	1 22	3 56	1 6	13 42	2 26	24 7	0 25	6 13	1 49	31 0	10 27	16 31	16 52	2 14		n.a.
S 14	6 46	18 15	4 28	11 6	0 57	11 10	0 15	11 22	1 22	4 1	1 6	13 43	2 26	24 7	0 25	6 14	1 49	31 0	10 27	16 33	16 53	2 12		n.a.
M15	7 9	19 50	3 50	11 45	1 3	11 39	0 13	11 9	1 22	4 7	1 6	13 44	2 26	24 6	0 25	6 14	1 49	31 0	10 28	16 34	16 54	2 10		n.a.
T 16	7 32	20 27	2 59	12 24	1 9	12 8	0 11	10 55	1 22	4 12	1 6	13 44	2 26	24 6	0 25	6 15	1 48	31 1	10 28	16 35	16 55	2 8		n.a.
W17	7 56	19 57	1 58	13 2	1 15	12 36	0 8	10 41	1 23	4 17	1 6	13 45	2 26	24 6	0 25	6 15	1 48	31 1	10 28	16 35	16 56	2 6		n.a.
T 18	8 19	18 19	0 49	13 40	1 21	13 4	0 6	10 27	1 23	4 22	1 6	13 46	2 25	24 6	0 25	6 16	1 48	31 1	10 29	16 35	16 57	2 4		n.a.
F 19	8 42	15 32	0n25	14 17	1 26	13 32	0 3	10 13	1 23	4 28	1 6	13 46	2 25	24 6	0 25	6 17	1 48	31 1	10 29	16 35	16 58	2 1		n.a.
S 20	9 5	11 45	1 40	14 54	1 32	13 59	0 1	9 59	1 23	4 33	1 6	13 47	2 25	24 6	0 25	6 17	1 48	31 2	10 29	16 35	16 59	1 59		n.a.
S 21	9 27	7 8	2 49	15 29	1 37	14 26	0s 2	9 45	1 23	4 38	1 6	13 47	2 25	24 6	0 25	6 17	1 48	31 2	10 30	16 37	17 0	1 57		n.a.
M22	9 50	2 0	3 49	16 4	1 42	14 53	0 4	9 31	1 23	4 43	1 6	13 48	2 25	24 6	0 25	6 18	1 48	31 2	10 30	16 39	17 1	1 55		n.a.
T 23	10 12	3s18	4 33	16 38	1 47	15 19	0 7	9 17	1 23	4 48	1 6	13 48	2 25	24 6	0 25	6 18	1 48	31 2	10 31	16 41	17 1	1 53		n.a.
W24	10 34	8 24	4 57	17 11	1 52	15 45	0 9	9 3	1 24	4 53	1 6	13 48	2 24	24 6	0 25	6 19	1 48	31 3	10 31	16 44	17 2	1 50		n.a.
T 25	10 57	12 54	5 0	17 43	1 56	16 11	0 12	8 48	1 24	4 59	1 6	13 49	2 24	24 6	0 25	6 19	1 48	31 3	10 31	16 48	17 3	1 48		n.a.
F 26	11 18	16 31	4 44	18 15	2 1	16 36	0 14	8 34	1 24	5 4	1 6	13 49	2 24	24 6	0 25	6 20	1 48	31 3	10 32	16 51	17 4	1 46		n.a.
S 27	11 40	19 2	4 10	18 45	2 4	17 1	0 17	8 20	1 24	5 9	1 6	13 49	2 24	24 6	0 25	6 20	1 48	31 4	10 32	16 53	17 5	1 44		n.a.
S 28	12 2	20 20	3 23	19 14	2 8	17 25	0 19	8 5	1 24	5 14	1 6	13 50	2 24	24 6	0 25	6 21	1 48	31 4	10 33	16 55	17 6	1 42		n.a.
M29	12 23	20 28	2 26	19 43	2 11	17 48	0 22	7 51	1 24	5 19	1 6	13 50	2 23	24 6	0 25	6 21	1 48	31 4	10 33	16 56	17 7	1 40		n.a.
T 30	12 44	19 30	1 23	20 10	2 14	18 12	0 24	7 36	1 24	5 24	1 6	13 50	2 23	24 6	0 25	6 21	1 48	31 5	10 33	16 56	17 8	1 37		n.a.
W31	13s 5	17s37	0n19	20s36	2s17	18s35	0s26	7n22	1n24	5s29	1n 6	13s50	2s23	24s 6	0s25	6s22	1s48	31n 5	10n34	16n56	17n 9	1s35		n.a.

Julian Day Number = 1621983.5, Delta T = 03h46m58s
Ecliptic obliquity = 23°43'36, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'46, Lahiri = - 7°42'45 Julian Calendar 1 Oct. 273 BCE == Greg. Calendar 27 Sept. 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

NOVEMBER 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 24 53	5♏15'36	22♒15	23♏ 5	21♏59	15♍23	16♎33	29°R59	3♑39	18°R12	28♋14	13°R37	12♌50	5♈28	n.a.	T 1
F 2	2 28 49	6°16'36	4♓11	24°29	23°14	16° 0	16°46	29♒59	3°41	18♓11	28°14	13♌36	12°47	5°35	n.a.	F 2
S 3	2 32 46	7°17'38	16° 1	25°53	24°29	16°38	16°59	29°58	3°44	18°10	28°R14	13°32	12°44	5°42	n.a.	S 3
S 4	2 36 42	8°18'40	27°50	27°16	25°44	17°15	17°12	29°58	3°46	18° 9	28°14	13°25	12°41	5°49	n.a.	S 4
M 5	2 40 39	9°19'42	9♈40	28°37	26°59	17°52	17°25	29°58	3°48	18° 8	28°14	13°15	12°37	5°55	n.a.	M 5
T 6	2 44 36	10°20'46	21°35	29°57	28°15	18°29	17°37	29°58	3°51	18° 8	28°14	13° 3	12°34	6° 2	n.a.	T 6
W 7	2 48 32	11°21'50	3♉36	1♗14	29°30	19° 7	17°50	29°D58	3°53	18° 7	28°14	12°49	12°31	6° 9	n.a.	W 7
T 8	2 52 29	12°22'56	15°45	2°30	0♗45	19°44	18° 3	29°58	3°56	18° 6	28°14	12°34	12°28	6°15	n.a.	T 8
F 9	2 56 25	13°24'02	28° 3	3°43	2° 0	20°21	18°16	29°58	3°58	18° 5	28°14	12°19	12°25	6°22	n.a.	F 9
S 10	3 0 22	14°25'09	10♊29	4°52	3°15	20°58	18°28	29°58	4° 1	18° 4	28°13	12° 7	12°22	6°29	n.a.	S 10
S 11	3 4 18	15°26'17	23° 5	5°59	4°30	21°35	18°41	29°59	4° 3	18° 4	28°13	11°57	12°18	6°35	n.a.	S 11
M12	3 8 15	16°27'26	5♋52	7° 1	5°45	22°13	18°53	29°59	4° 6	18° 3	28°13	11°50	12°15	6°42	n.a.	M12
T 13	3 12 11	17°28'36	18°50	7°59	7° 0	22°50	19° 6	29°59	4° 9	18° 2	28°13	11°46	12°12	6°49	n.a.	T 13
W14	3 16 8	18°29'47	2♌ 3	8°52	8°15	23°27	19°18	0♓ 1	4°11	18° 1	28°12	11°44	12° 9	6°55	n.a.	W14
T 15	3 20 5	19°30'58	15°32	9°38	9°30	24° 4	19°31	0° 2	4°14	18° 1	28°12	11°44	12° 6	7° 2	n.a.	T 15
F 16	3 24 1	20°32'11	29°18	10°18	10°45	24°41	19°43	0° 3	4°17	18° 0	28°12	11°44	12° 3	7° 9	n.a.	F 16
S 17	3 27 58	21°33'24	13♍25	10°50	12° 0	25°18	19°55	0° 4	4°19	18° 0	28°11	11°42	11°59	7°16	n.a.	S 17
S 18	3 31 54	22°34'38	27°50	11°13	13°15	25°55	20° 8	0° 5	4°22	17°59	28°11	11°39	11°56	7°22	n.a.	S 18
M19	3 35 51	23°35'53	12♎32	11°27	14°30	26°32	20°20	0° 6	4°25	17°59	28°10	11°32	11°53	7°29	n.a.	M19
T 20	3 39 47	24°37'08	27°24	11°R31	15°44	27° 9	20°32	0° 8	4°28	17°58	28°10	11°23	11°50	7°36	n.a.	T 20
W21	3 43 44	25°38'24	12♏20	11°23	16°59	27°46	20°44	0° 9	4°31	17°58	28° 9	11°11	11°47	7°42	n.a.	W21
T 22	3 47 40	26°39'40	27° 9	11° 4	18°14	28°23	20°56	0°11	4°34	17°57	28° 9	11° 0	11°43	7°49	n.a.	T 22
F 23	3 51 37	27°40'57	11♐42	10°34	19°29	29° 0	21° 8	0°13	4°37	17°57	28° 8	10°49	11°40	7°56	n.a.	F 23
S 24	3 55 34	28°42'14	25°54	9°51	20°44	29°37	21°20	0°15	4°40	17°57	28° 8	10°40	11°37	8° 2	n.a.	S 24
S 25	3 59 30	29°43'31	9♑39	8°58	21°59	0♎14	21°32	0°16	4°43	17°56	28° 7	10°33	11°34	8° 9	n.a.	S 25
M26	4 3 27	0♐44'48	22°56	7°55	23°14	0°50	21°44	0°19	4°46	17°56	28° 6	10°29	11°31	8°16	n.a.	M26
T 27	4 7 23	1°46'05	5♒48	6°44	24°29	1°27	21°55	0°21	4°49	17°56	28° 6	10°D28	11°28	8°23	n.a.	T 27
W28	4 11 20	2°47'22	18°16	5°26	25°43	2° 4	22° 7	0°23	4°52	17°56	28° 5	10°28	11°24	8°29	n.a.	W28
T 29	4 15 16	3°48'38	0♓27	4° 5	26°58	2°41	22°19	0°25	4°55	17°56	28° 4	10°R28	11°21	8°36	n.a.	T 29
F 30	4 19 13	4♐49'54	12♓26	2♐44	28♐13	3♎17	22♎30	0♓28	4♑58	17♓56	28♋ 4	10♌28	11♌18	8♈43	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13 s26	14 s59	0 s46	21 s 0	2 s19	18 s57	0 s29	7n 7	1n25	5 s34	1n 6	13 s50	2 s23	24 s 5	0 s25	6 s22	1 s48	31n 5	10n34	16n56	17n10	1 s33		n.a.
F 2	13 46	11 45	1 47	21 24	2 21	19 19	0 31	6 53	1 25	5 39	1 6	13 50	2 23	24 5	0 25	6 23	1 48	31 6	10 34	16 57	17 11	1 31		n.a.
S 3	14 7	8 4	2 42	21 45	2 22	19 40	0 34	6 38	1 25	5 44	1 6	13 50	2 22	24 5	0 25	6 23	1 48	31 6	10 35	16 58	17 11	1 29		n.a.
S 4	14 27	4 6	3 31	22 6	2 23	20 1	0 36	6 24	1 25	5 49	1 6	13 50	2 22	24 5	0 25	6 23	1 48	31 7	10 35	17 0	17 12	1 27		n.a.
M 5	14 46	0n 3	4 10	22 25	2 23	20 21	0 39	6 9	1 25	5 54	1 6	13 50	2 22	24 5	0 25	6 24	1 48	31 7	10 36	17 2	17 13	1 24		n.a.
T 6	15 6	4 12	4 39	22 42	2 23	20 40	0 41	5 54	1 25	5 59	1 6	13 50	2 22	24 5	0 25	6 24	1 48	31 7	10 36	17 6	17 14	1 22		n.a.
W 7	15 25	8 14	4 56	22 58	2 22	20 59	0 43	5 40	1 25	6 4	1 6	13 49	2 22	24 5	0 25	6 24	1 48	31 8	10 36	17 10	17 15	1 20		n.a.
T 8	15 44	11 59	4 59	23 12	2 20	21 18	0 46	5 25	1 25	6 9	1 6	13 49	2 21	24 5	0 25	6 24	1 48	31 8	10 37	17 14	17 16	1 18		n.a.
F 9	16 3	15 17	4 48	23 24	2 17	21 35	0 48	5 10	1 25	6 13	1 6	13 49	2 21	24 5	0 25	6 25	1 48	31 8	10 37	17 18	17 17	1 16		n.a.
S 10	16 21	17 56	4 24	23 34	2 14	21 53	0 50	4 56	1 25	6 18	1 6	13 49	2 21	24 5	0 25	6 25	1 48	31 9	10 38	17 22	17 18	1 13		n.a.
S 11	16 40	19 46	3 47	23 42	2 10	22 9	0 52	4 41	1 25	6 23	1 6	13 48	2 21	24 5	0 25	6 25	1 47	31 9	10 38	17 25	17 19	1 11		n.a.
M12	16 57	20 39	2 57	23 47	2 5	22 25	0 55	4 26	1 26	6 28	1 6	13 48	2 21	24 5	0 25	6 25	1 47	31 10	10 38	17 27	17 20	1 9		n.a.
T 13	17 15	20 26	1 58	23 51	1 58	22 40	0 57	4 11	1 26	6 33	1 6	13 47	2 20	24 4	0 25	6 26	1 47	31 10	10 39	17 28	17 21	1 7		n.a.
W14	17 32	19 7	0 51	23 52	1 51	22 55	0 59	3 56	1 26	6 37	1 6	13 47	2 20	24 4	0 25	6 26	1 47	31 11	10 39	17 28	17 21	1 5		n.a.
T 15	17 49	16 42	0n20	23 51	1 43	23 9	1 1	3 42	1 26	6 42	1 6	13 46	2 20	24 4	0 25	6 26	1 47	31 11	10 39	17 28	17 22	1 2		n.a.
F 16	18 6	13 17	1 32	23 47	1 33	23 22	1 3	3 27	1 26	6 47	1 6	13 46	2 20	24 4	0 25	6 26	1 47	31 11	10 40	17 28	17 23	1 0		n.a.
S 17	18 22	9 2	2 39	23 41	1 22	23 34	1 5	3 12	1 26	6 51	1 6	13 45	2 19	24 4	0 25	6 26	1 47	31 12	10 40	17 29	17 24	0 58		n.a.
S 18	18 38	4 12	3 38	23 32	1 9	23 46	1 7	2 57	1 26	6 56	1 6	13 45	2 19	24 4	0 25	6 27	1 47	31 12	10 40	17 30	17 25	0 56		n.a.
M19	18 54	0 s58	4 24	23 21	0 56	23 57	1 9	2 42	1 26	7 1	1 7	13 44	2 19	24 4	0 25	6 27	1 47	31 13	10 41	17 32	17 26	0 54		n.a.
T 20	19 9	6 8	4 52	23 6	0 40	24 8	1 11	2 28	1 26	7 5	1 7	13 43	2 19	24 4	0 25	6 27	1 47	31 13	10 41	17 34	17 27	0 51		n.a.
W21	19 24	10 57	5 1	22 49	0 24	24 17	1 13	2 13	1 26	7 10	1 7	13 43	2 19	24 4	0 25	6 27	1 47	31 14	10 42	17 38	17 28	0 49		n.a.
T 22	19 39	15 4	4 49	22 28	0 6	24 26	1 15	1 58	1 26	7 14	1 7	13 42	2 18	24 4	0 25	6 27	1 47	31 14	10 42	17 41	17 29	0 47		n.a.
F 23	19 53	18 11	4 19	22 5	0n13	24 35	1 16	1 43	1 26	7 19	1 7	13 41	2 18	24 3	0 25	6 27	1 47	31 15	10 42	17 44	17 29	0 45		n.a.
S 24	20 7	20 7	3 33	21 40	0 32	24 42	1 18	1 28	1 26	7 23	1 7	13 40	2 18	24 3	0 25	6 27	1 47	31 15	10 43	17 46	17 30	0 42		n.a.
S 25	20 20	20 47	2 36	21 12	0 52	24 49	1 20	1 13	1 26	7 28	1 7	13 39	2 18	24 3	0 25	6 27	1 47	31 16	10 43	17 48	17 31	0 40		n.a.
M26	20 33	20 15	1 32	20 42	1 13	24 54	1 22	0 59	1 26	7 32	1 7	13 38	2 18	24 3	0 25	6 27	1 47	31 16	10 43	17 49	17 32	0 38		n.a.
T 27	20 46	18 39	0 25	20 11	1 32	25 0	1 23	0 44	1 26	7 36	1 7	13 37	2 17	24 3	0 25	6 27	1 47	31 17	10 44	17 50	17 33	0 36		n.a.
W28	20 58	16 11	0 s41	19 39	1 51	25 4	1 25	0 29	1 26	7 41	1 7	13 36	2 17	24 3	0 25	6 27	1 47	31 17	10 44	17 50	17 34	0 34		n.a.
T 29	21 10	13 4	1 44	19 7	2 9	25 8	1 26	0 14	1 26	7 45	1 7	13 35	2 17	24 3	0 25	6 28	1 47	31 18	10 44	17 49	17 35	0 31		n.a.
F 30	21 s21	9 s28	2 s42	18 s36	2n25	25 s10	1 s28	0 s 0	1n26	7 s49	1n 7	13 s34	2 s17	24 s 3	0 s25	6 s27	1 s46	31n18	10n45	17n49	17n36	0 s29		n.a.

Julian Day Number = 1622014.5, Delta T = 03h46m57s
Ecliptic obliquity = 23°43'36, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'42, Lahiri = - 7°42'41 Julian Calendar 1 Nov. 273 BCE == Greg. Calendar 28 Oct. 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 273 BCE
geocentric

DECEMBER 273 BCE (-272) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 23 9	5♐51'10	24♓17	1°R24	29♐28	3♎54	22♎42	0♓31	5♑ 2	17°R55	28°R 3	10°R26	11♌15	8♈49	n.a.	S 1
S 2	4 27 6	6°52'25	6♈ 6	0♐ 8	0♑43	4°31	22°53	0°33	5° 5	17♓55	28♋ 2	10♌22	11°12	8°56	n.a.	S 2
M 3	4 31 3	7°53'40	17°58	29♏ 0	1°57	5° 7	23° 4	0°36	5° 8	17°D55	28° 1	10°15	11° 9	9° 3	n.a.	M 3
T 4	4 34 59	8°54'55	29°57	27°59	3°12	5°44	23°15	0°39	5°11	17°55	28° 0	10° 6	11° 5	9° 9	n.a.	T 4
W 5	4 38 56	9°56'09	12♉ 5	27° 7	4°27	6°21	23°26	0°42	5°14	17°56	27°59	9°55	11° 2	9°16	n.a.	W 5
T 6	4 42 52	10°57'24	24°24	26°25	5°41	6°57	23°38	0°45	5°18	17°56	27°59	9°43	10°59	9°23	n.a.	T 6
F 7	4 46 49	11°58'37	6♊56	25°53	6°56	7°34	23°48	0°48	5°21	17°56	27°58	9°32	10°56	9°30	n.a.	F 7
S 8	4 50 45	12°59'51	19°40	25°32	8°11	8°10	23°59	0°52	5°24	17°56	27°57	9°22	10°53	9°36	n.a.	S 8
S 9	4 54 42	14° 1'04	2♋36	25°20	9°25	8°47	24°10	0°55	5°28	17°56	27°56	9°14	10°49	9°43	n.a.	S 9
M10	4 58 39	15° 2'17	15°43	25°D17	10°40	9°23	24°21	0°59	5°31	17°56	27°55	9° 9	10°46	9°50	n.a.	M10
T 11	5 2 35	16° 3'30	29° 1	25°23	11°54	9°59	24°31	1° 2	5°34	17°57	27°54	9° 6	10°43	9°56	n.a.	T 11
W12	5 6 32	17° 4'42	12♌29	25°37	13° 9	10°36	24°42	1° 6	5°38	17°57	27°53	9°D 6	10°40	10° 3	n.a.	W12
T 13	5 10 28	18° 5'54	26° 8	25°58	14°23	11°12	24°52	1°10	5°41	17°57	27°52	9° 7	10°37	10°10	n.a.	T 13
F 14	5 14 25	19° 7'06	9♍58	26°26	15°38	11°48	25° 3	1°13	5°44	17°58	27°51	9° 8	10°34	10°17	n.a.	F 14
S 15	5 18 21	20° 8'17	23°59	27° 0	16°52	12°25	25°13	1°17	5°48	17°58	27°49	9°R 8	10°30	10°23	n.a.	S 15
S 16	5 22 18	21° 9'28	8♎11	27°39	18° 6	13° 1	25°23	1°22	5°51	17°58	27°48	9° 7	10°27	10°30	n.a.	S 16
M17	5 26 14	22°10'39	22°31	28°23	19°21	13°37	25°33	1°26	5°55	17°59	27°47	9° 3	10°24	10°37	n.a.	M17
T 18	5 30 11	23°11'49	6♏57	29°12	20°35	14°13	25°43	1°30	5°58	17°59	27°46	8°58	10°21	10°43	n.a.	T 18
W19	5 34 8	24°12'59	21°23	0♐ 4	21°49	14°49	25°53	1°34	6° 2	18° 0	27°45	8°51	10°18	10°50	n.a.	W19
T 20	5 38 4	25°14'08	5♐45	1° 0	23° 4	15°25	26° 2	1°39	6° 5	18° 1	27°44	8°43	10°14	10°57	n.a.	T 20
F 21	5 42 1	26°15'17	19°56	2° 0	24°18	16° 1	26°12	1°43	6° 9	18° 1	27°42	8°36	10°11	11° 3	n.a.	F 21
S 22	5 45 57	27°16'25	3♑51	3° 2	25°32	16°37	26°21	1°48	6°12	18° 2	27°41	8°30	10° 8	11°10	n.a.	S 22
S 23	5 49 54	28°17'32	17°26	4° 6	26°46	17°13	26°31	1°52	6°16	18° 3	27°40	8°26	10° 5	11°17	n.a.	S 23
M24	5 53 50	29°18'38	0♒39	5°14	28° 1	17°49	26°40	1°57	6°19	18° 3	27°39	8°24	10° 2	11°24	n.a.	M24
T 25	5 57 47	0♑19'43	13°29	6°23	29°15	18°25	26°49	2° 2	6°23	18° 4	27°37	8°D24	9°59	11°30	n.a.	T 25
W26	6 1 43	1°20'46	26° 0	7°34	0♒29	19° 1	26°58	2° 7	6°26	18° 5	27°36	8°25	9°55	11°37	n.a.	W26
T 27	6 5 40	2°21'48	8♓14	8°47	1°43	19°36	27° 7	2°12	6°30	18° 6	27°35	8°27	9°52	11°44	n.a.	T 27
F 28	6 9 37	3°22'49	20°15	10° 2	2°57	20°12	27°16	2°17	6°33	18° 6	27°33	8°29	9°49	11°50	n.a.	F 28
S 29	6 13 33	4°23'49	2♈ 9	11°18	4°11	20°48	27°24	2°22	6°37	18° 7	27°32	8°R29	9°46	11°57	n.a.	S 29
S 30	6 17 30	5°24'47	14° 0	12°36	5°25	21°23	27°33	2°27	6°40	18° 8	27°31	8°29	9°43	12° 4	n.a.	S 30
M31	6 21 26	6♑25'43	25♈53	13♐55	6♒39	21♎59	27♎41	2♓33	6♑44	18♓ 9	27♋29	8♌27	9♌40	12♈11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s32	5s31	3s31	18s 6	2n38	25s12	1s29	0s15	1n26	7s53	1n 7	13s33	2s17	24s 2	0s25	6s27	1s46	31n19	10n45	17n50	17n37	0s27		n.a.
S 2	21 43	1 24	4 12	17 39	2 50	25 14	1 30	0 30	1 26	7 58	1 7	13 32	2 16	24 2	0 25	6 27	1 46	31 19	10 45	17 51	17 37	0 25		n.a.
M 3	21 53	2n48	4 41	17 16	2 59	25 14	1 31	0 45	1 26	8 2	1 7	13 31	2 16	24 2	0 25	6 27	1 46	31 20	10 46	17 53	17 38	0 23		n.a.
T 4	22 3	6 56	4 59	16 56	3 6	25 14	1 33	0 59	1 26	8 6	1 8	13 29	2 16	24 2	0 25	6 27	1 46	31 20	10 46	17 56	17 39	0 20		n.a.
W 5	22 12	10 50	5 3	16 40	3 10	25 13	1 34	1 14	1 26	8 10	1 8	13 28	2 16	24 2	0 25	6 27	1 46	31 21	10 46	17 59	17 40	0 18		n.a.
T 6	22 21	14 21	4 54	16 28	3 12	25 11	1 35	1 29	1 26	8 14	1 8	13 27	2 16	24 2	0 25	6 27	1 46	31 21	10 47	18 2	17 41	0 16		n.a.
F 7	22 30	17 17	4 30	16 20	3 13	25 8	1 36	1 43	1 26	8 18	1 8	13 25	2 15	24 2	0 25	6 27	1 46	31 22	10 47	18 5	17 42	0 14		n.a.
S 8	22 38	19 27	3 53	16 17	3 11	25 5	1 37	1 58	1 26	8 22	1 8	13 24	2 15	24 2	0 25	6 27	1 46	31 22	10 47	18 8	17 43	0 11		n.a.
S 9	22 45	20 39	3 3	16 17	3 8	25 0	1 37	2 12	1 26	8 26	1 8	13 23	2 15	24 1	0 25	6 27	1 46	31 23	10 48	18 10	17 44	0 9		n.a.
M10	22 53	20 46	2 2	16 20	3 4	24 55	1 38	2 27	1 26	8 30	1 8	13 21	2 15	24 1	0 25	6 27	1 46	31 23	10 48	18 11	17 44	0 7		n.a.
T 11	22 59	19 43	0 54	16 26	2 59	24 50	1 39	2 41	1 26	8 34	1 8	13 20	2 15	24 1	0 25	6 27	1 46	31 24	10 48	18 12	17 45	0 5		n.a.
W12	23 5	17 33	0n18	16 36	2 53	24 43	1 40	2 56	1 26	8 37	1 8	13 18	2 14	24 1	0 25	6 26	1 46	31 24	10 48	18 12	17 46	0 2		n.a.
T 13	23 11	14 22	1 30	16 47	2 46	24 36	1 40	3 10	1 26	8 41	1 8	13 17	2 14	24 1	0 25	6 26	1 46	31 25	10 49	18 12	17 47	0 0		n.a.
F 14	23 16	10 22	2 38	17 1	2 39	24 28	1 41	3 25	1 26	8 45	1 8	13 15	2 14	24 1	0 25	6 26	1 46	31 25	10 49	18 11	17 48	0n 2		n.a.
S 15	23 21	5 44	3 38	17 17	2 31	24 19	1 41	3 39	1 26	8 48	1 9	13 13	2 14	24 1	0 25	6 26	1 46	31 26	10 49	18 11	17 49	0 4		n.a.
S 16	23 26	0 46	4 25	17 34	2 23	24 10	1 41	3 53	1 26	8 52	1 9	13 12	2 14	24 0	0 25	6 26	1 46	31 26	10 50	18 12	17 50	0 6		n.a.
M17	23 30	4s18	4 55	17 52	2 14	23 59	1 42	4 7	1 26	8 56	1 9	13 10	2 13	24 0	0 25	6 25	1 46	31 27	10 50	18 13	17 51	0 9		n.a.
T 18	23 33	9 9	5 8	18 11	2 5	23 48	1 42	4 22	1 25	8 59	1 9	13 8	2 13	24 0	0 25	6 25	1 45	31 27	10 50	18 14	17 51	0 11		n.a.
W19	23 36	13 29	5 1	18 31	1 56	23 37	1 42	4 36	1 25	9 3	1 9	13 7	2 13	24 0	0 25	6 25	1 45	31 28	10 50	18 16	17 52	0 13		n.a.
T 20	23 38	17 1	4 35	18 52	1 47	23 24	1 42	4 50	1 25	9 6	1 9	13 5	2 13	24 0	0 25	6 24	1 45	31 28	10 51	18 18	17 53	0 15		n.a.
F 21	23 40	19 29	3 52	19 13	1 38	23 11	1 42	5 4	1 25	9 10	1 9	13 3	2 13	24 0	0 25	6 24	1 45	31 29	10 51	18 20	17 54	0 18		n.a.
S 22	23 42	20 44	2 56	19 34	1 29	22 57	1 42	5 18	1 25	9 13	1 9	13 1	2 13	23 59	0 25	6 24	1 45	31 29	10 51	18 21	17 55	0 20		n.a.
S 23	23 43	20 44	1 51	19 55	1 20	22 43	1 42	5 32	1 25	9 16	1 9	12 59	2 12	23 59	0 25	6 24	1 45	31 30	10 51	18 22	17 56	0 22		n.a.
M24	23 43	19 34	0 42	20 16	1 11	22 28	1 42	5 46	1 25	9 19	1 10	12 58	2 12	23 59	0 25	6 23	1 45	31 30	10 52	18 23	17 57	0 24		n.a.
T 25	23 44	17 25	0s28	20 37	1 2	22 12	1 41	6 0	1 25	9 23	1 10	12 56	2 12	23 59	0 25	6 23	1 45	31 31	10 52	18 23	17 58	0 27		n.a.
W26	23 43	14 29	1 34	20 58	0 53	21 56	1 41	6 14	1 24	9 26	1 10	12 54	2 12	23 59	0 25	6 23	1 45	31 31	10 52	18 23	17 58	0 29		n.a.
T 27	23 42	10 59	2 35	21 19	0 44	21 39	1 40	6 28	1 24	9 29	1 10	12 52	2 12	23 59	0 25	6 22	1 45	31 32	10 52	18 22	17 59	0 31		n.a.
F 28	23 41	7 6	3 29	21 39	0 35	21 21	1 40	6 41	1 24	9 32	1 10	12 50	2 12	23 58	0 25	6 22	1 45	31 32	10 53	18 22	18 0	0 33		n.a.
S 29	23 39	2 59	4 12	21 58	0 26	21 3	1 39	6 55	1 24	9 35	1 10	12 48	2 11	23 58	0 25	6 21	1 45	31 33	10 53	18 21	18 1	0 36		n.a.
S 30	23 37	1n13	4 45	22 17	0 18	20 44	1 38	7 9	1 24	9 38	1 10	12 46	2 11	23 58	0 25	6 21	1 45	31 33	10 53	18 22	18 2	0 38		n.a.
M31	23s34	5n23	5s 5	22s35	0n10	20s24	1s38	7s22	1n24	9s41	1n10	12s44	2s11	23s58	0s25	6s21	1s45	31n34	10n53	18n22	18n 3	0n40		n.a.

Julian Day Number = 1622044.5, Delta T = 03h46m56s
Ecliptic obliquity = 23°43'35, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'38, Lahiri = - 7°42'37 Julian Calendar 1 Dec. 273 BCE == Greg. Calendar 27 Nov. 273 BCE

The year -272 astronomical counting style corresponds to year 273 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

JANUARY 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 25 23	7♑26'38	7♉54	15♐15	7♒53	22♎34	27♎50	2♓38	6♑47	18♓10	27°R28	8°R24	9♌36	12♈17	n.a.	T 1
W 2	6 29 19	8°27'32	20° 5	16°37	9° 6	23°10	27°58	2°43	6°51	18°11	27♋27	8♌19	9°33	12°24	n.a.	W 2
T 3	6 33 16	9°28'25	2♊31	17°59	10°20	23°45	28° 6	2°49	6°54	18°12	27°25	8°14	9°30	12°31	n.a.	T 3
F 4	6 37 12	10°29'15	15°13	19°23	11°34	24°20	28°14	2°55	6°58	18°13	27°24	8° 9	9°27	12°37	n.a.	F 4
S 5	6 41 9	11°30'05	28°12	20°47	12°47	24°55	28°21	3° 0	7° 1	18°14	27°22	8° 5	9°24	12°44	n.a.	S 5
S 6	6 45 6	12°30'53	11♋27	22°13	14° 1	25°31	28°29	3° 6	7° 5	18°16	27°21	8° 2	9°20	12°51	n.a.	S 6
M 7	6 49 2	13°31'40	24°59	23°40	15°14	26° 6	28°37	3°12	7° 8	18°17	27°19	8° 0	9°17	12°58	n.a.	M 7
T 8	6 52 59	14°32'25	8♌43	25° 7	16°28	26°41	28°44	3°18	7°12	18°18	27°18	7°D59	9°14	13° 4	n.a.	T 8
W 9	6 56 55	15°33'09	22°38	26°36	17°41	27°16	28°51	3°23	7°15	18°19	27°17	8° 0	9°11	13°11	n.a.	W 9
T 10	7 0 52	16°33'51	6♍41	28° 5	18°55	27°51	28°58	3°29	7°19	18°20	27°15	8° 1	9° 8	13°18	n.a.	T 10
F 11	7 4 48	17°34'33	20°49	29°35	20° 8	28°26	29° 5	3°35	7°22	18°22	27°14	8° 3	9° 5	13°24	n.a.	F 11
S 12	7 8 45	18°35'13	5♎ 0	1♑ 7	21°21	29° 1	29°12	3°42	7°26	18°23	27°12	8° 4	9° 1	13°31	n.a.	S 12
S 13	7 12 42	19°35'51	19°11	2°39	22°34	29°35	29°19	3°48	7°29	18°24	27°11	8°R 4	8°58	13°38	n.a.	S 13
M14	7 16 38	20°36'29	3♏21	4°12	23°48	0♏10	29°25	3°54	7°33	18°26	27° 9	8° 4	8°55	13°44	n.a.	M14
T 15	7 20 35	21°37'05	17°27	5°45	25° 1	0°45	29°31	4° 0	7°36	18°27	27° 8	8° 3	8°52	13°51	n.a.	T 15
W16	7 24 31	22°37'40	1♐28	7°20	26°14	1°19	29°38	4° 7	7°40	18°29	27° 6	8° 1	8°49	13°58	n.a.	W16
T 17	7 28 28	23°38'13	15°20	8°56	27°27	1°54	29°44	4°13	7°43	18°30	27° 5	7°59	8°46	14° 5	n.a.	T 17
F 18	7 32 24	24°38'45	29° 1	10°32	28°40	2°28	29°49	4°19	7°46	18°32	27° 3	7°57	8°42	14°11	n.a.	F 18
S 19	7 36 21	25°39'16	12♑30	12°10	29°52	3° 2	29°55	4°26	7°50	18°33	27° 2	7°55	8°39	14°18	n.a.	S 19
S 20	7 40 17	26°39'45	25°43	13°48	1♓ 5	3°37	0♏ 1	4°32	7°53	18°35	27° 0	7°55	8°36	14°25	n.a.	S 20
M21	7 44 14	27°40'12	8♒40	15°27	2°18	4°11	0° 6	4°39	7°57	18°36	26°59	7°D54	8°33	14°31	n.a.	M21
T 22	7 48 11	28°40'37	21°22	17° 7	3°31	4°45	0°11	4°46	8° 0	18°38	26°57	7°55	8°30	14°38	n.a.	T 22
W23	7 52 7	29°41'00	3♓48	18°48	4°43	5°19	0°16	4°52	8° 3	18°39	26°56	7°55	8°26	14°45	n.a.	W23
T 24	7 56 4	0♒41'21	16° 0	20°31	5°56	5°53	0°21	4°59	8° 7	18°41	26°54	7°56	8°23	14°52	n.a.	T 24
F 25	8 0 0	1°41'40	28° 2	22°14	7° 8	6°26	0°26	5° 6	8°10	18°43	26°53	7°57	8°20	14°58	n.a.	F 25
S 26	8 3 57	2°41'57	9♈57	23°58	8°20	7° 0	0°31	5°13	8°13	18°44	26°51	7°57	8°17	15° 5	n.a.	S 26
S 27	8 7 53	3°42'12	21°48	25°43	9°33	7°34	0°35	5°20	8°16	18°46	26°50	7°58	8°14	15°12	n.a.	S 27
M28	8 11 50	4°42'24	3♉42	27°29	10°45	8° 7	0°39	5°27	8°20	18°48	26°48	7°R58	8°11	15°18	n.a.	M28
T 29	8 15 46	5°42'35	15°42	29°16	11°57	8°41	0°43	5°34	8°23	18°49	26°47	7°58	8° 7	15°25	n.a.	T 29
W30	8 19 43	6°42'43	27°52	1♒ 4	13° 9	9°14	0°47	5°41	8°26	18°51	26°45	7°58	8° 4	15°32	n.a.	W30
T 31	8 23 39	7♒42'49	10♊18	2♒53	14♓21	9♏47	0♏51	5♓48	8♑29	18♓53	26♋44	7°D58	8♌ 1	15♈39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s31	9n23	5 s12	22 s53	0n 1	20 s 4	1 s37	7 s36	1n23	9 s44	1n11	12 s42	2 s11	23 s58	0 s25	6 s20	1 s45	31n34	10n53	18n23	18n 4	0n42			n.a.
W 2	23 27	13 4	5 6	23 9	0 s 7	19 44	1 36	7 49	1 23	9 47	1 11	12 39	2 11	23 58	0 25	6 20	1 45	31 35	10 54	18 24	18 4	0 45			n.a.
T 3	23 23	16 15	4 45	23 25	0 14	19 23	1 35	8 2	1 23	9 49	1 11	12 37	2 11	23 57	0 25	6 19	1 45	31 35	10 54	18 25	18 5	0 47			n.a.
F 4	23 18	18 45	4 10	23 40	0 22	19 1	1 34	8 16	1 23	9 52	1 11	12 35	2 11	23 57	0 25	6 19	1 45	31 36	10 54	18 27	18 6	0 49			n.a.
S 5	23 13	20 22	3 21	23 53	0 29	18 39	1 32	8 29	1 23	9 55	1 11	12 33	2 10	23 57	0 25	6 18	1 45	31 36	10 54	18 28	18 7	0 51			n.a.
S 6	23 8	20 53	2 21	24 6	0 37	18 16	1 31	8 42	1 22	9 57	1 11	12 31	2 10	23 57	0 25	6 18	1 44	31 37	10 54	18 29	18 8	0 54			n.a.
M 7	23 2	20 14	1 11	24 18	0 44	17 53	1 30	8 55	1 22	10 0	1 11	12 28	2 10	23 57	0 25	6 17	1 44	31 37	10 54	18 29	18 9	0 56			n.a.
T 8	22 55	18 22	0n 4	24 28	0 50	17 29	1 28	9 8	1 22	10 2	1 11	12 26	2 10	23 56	0 25	6 17	1 44	31 37	10 55	18 29	18 10	0 58			n.a.
W 9	22 48	15 23	1 20	24 38	0 57	17 5	1 27	9 21	1 22	10 5	1 12	12 24	2 10	23 56	0 25	6 16	1 44	31 38	10 55	18 29	18 10	1 1			n.a.
T 10	22 41	11 30	2 32	24 46	1 3	16 41	1 25	9 34	1 21	10 7	1 12	12 22	2 10	23 56	0 25	6 16	1 44	31 38	10 55	18 29	18 11	1 3			n.a.
F 11	22 33	6 58	3 35	24 53	1 9	16 16	1 24	9 47	1 21	10 10	1 12	12 19	2 10	23 56	0 25	6 15	1 44	31 39	10 55	18 28	18 12	1 5			n.a.
S 12	22 25	2 2	4 25	24 58	1 15	15 51	1 22	10 0	1 21	10 12	1 12	12 17	2 10	23 56	0 25	6 14	1 44	31 39	10 55	18 28	18 13	1 7			n.a.
S 13	22 17	3 s 0	4 59	25 2	1 20	15 25	1 20	10 12	1 21	10 14	1 12	12 14	2 9	23 56	0 25	6 14	1 44	31 40	10 55	18 28	18 14	1 10			n.a.
M14	22 7	7 51	5 15	25 5	1 25	14 59	1 18	10 25	1 20	10 16	1 12	12 12	2 9	23 55	0 25	6 13	1 44	31 40	10 55	18 28	18 15	1 12			n.a.
T 15	21 58	12 16	5 11	25 6	1 30	14 32	1 16	10 37	1 20	10 18	1 12	12 10	2 9	23 55	0 25	6 13	1 44	31 41	10 55	18 28	18 15	1 14			n.a.
W16	21 48	15 58	4 50	25 6	1 35	14 5	1 14	10 50	1 20	10 20	1 13	12 7	2 9	23 55	0 25	6 12	1 44	31 41	10 56	18 29	18 16	1 16			n.a.
T 17	21 38	18 45	4 11	25 4	1 39	13 38	1 12	11 2	1 19	10 22	1 13	12 5	2 9	23 55	0 25	6 12	1 44	31 41	10 56	18 29	18 17	1 19			n.a.
F 18	21 27	20 25	3 19	25 1	1 43	13 10	1 10	11 14	1 19	10 24	1 13	12 2	2 9	23 55	0 25	6 11	1 44	31 42	10 56	18 30	18 18	1 21			n.a.
S 19	21 16	20 52	2 16	24 56	1 47	12 42	1 7	11 27	1 19	10 26	1 13	12 0	2 9	23 54	0 25	6 10	1 44	31 42	10 56	18 30	18 19	1 23			n.a.
S 20	21 4	20 9	1 7	24 50	1 50	12 14	1 5	11 39	1 18	10 28	1 13	11 57	2 9	23 54	0 25	6 10	1 44	31 43	10 56	18 31	18 20	1 26			n.a.
M21	20 53	18 23	0 s 4	24 42	1 53	11 45	1 3	11 51	1 18	10 30	1 13	11 55	2 9	23 54	0 25	6 9	1 44	31 43	10 56	18 31	18 21	1 28			n.a.
T 22	20 40	15 43	1 14	24 32	1 56	11 16	1 0	12 3	1 17	10 32	1 14	11 52	2 9	23 54	0 25	6 8	1 44	31 43	10 56	18 31	18 21	1 30			n.a.
W23	20 28	12 23	2 19	24 20	1 58	10 47	0 58	12 14	1 17	10 33	1 14	11 50	2 8	23 54	0 25	6 8	1 44	31 44	10 56	18 30	18 22	1 32			n.a.
T 24	20 15	8 35	3 16	24 7	2 0	10 18	0 55	12 26	1 17	10 35	1 14	11 47	2 8	23 53	0 25	6 7	1 44	31 44	10 56	18 30	18 23	1 35			n.a.
F 25	20 1	4 31	4 4	23 52	2 1	9 48	0 52	12 38	1 16	10 36	1 14	11 44	2 8	23 53	0 25	6 6	1 44	31 45	10 56	18 30	18 24	1 37			n.a.
S 26	19 48	0 18	4 40	23 35	2 2	9 18	0 50	12 49	1 16	10 38	1 14	11 42	2 8	23 53	0 25	6 6	1 44	31 45	10 56	18 30	18 25	1 39			n.a.
S 27	19 33	3n53	5 5	23 16	2 3	8 48	0 47	13 1	1 15	10 39	1 14	11 39	2 8	23 53	0 25	6 5	1 44	31 45	10 56	18 30	18 26	1 41			n.a.
M28	19 19	7 56	5 16	22 56	2 3	8 18	0 44	13 12	1 15	10 40	1 15	11 36	2 8	23 53	0 25	6 4	1 44	31 46	10 56	18 30	18 26	1 44			n.a.
T 29	19 4	11 43	5 14	22 33	2 3	7 48	0 41	13 24	1 14	10 42	1 15	11 34	2 8	23 53	0 25	6 3	1 44	31 46	10 56	18 30	18 27	1 46			n.a.
W30	18 49	15 5	4 58	22 9	2 2	7 17	0 38	13 35	1 14	10 43	1 15	11 31	2 8	23 52	0 25	6 3	1 43	31 46	10 56	18 30	18 28	1 48			n.a.
T 31	18 s34	17n50	4 s28	21 s43	2 s 1	6 s46	0 s35	13 s46	1n13	10 s44	1n15	11 s28	2 s 8	23 s52	0 s25	6 s 2	1 s43	31n47	10n56	18n30	18n29	1n51			n.a.

Julian Day Number = 1622075.5, Delta T = 03h46m55s
Ecliptic obliquity = 23°43'35, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'33, Lahiri = - 7°42'33 Julian Calendar 1 Jan. 272 BCE == Greg. Calendar 28 Dec. 273 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

FEBRUARY 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 27 36	8♒42'53	23♊ 3	4♒44	15♓32	10♏20	0♏54	5♓55	8♉32	18♓55	26°R42	7♌58	7♌58	15♈45	n.a.	F 1
S 2	8 31 33	9°42'55	6♋ 9	6°35	16°44	10°53	0°58	6° 2	8°36	18°57	26♋41	7°58	7°55	15°52	n.a.	S 2
S 3	8 35 29	10°42'55	19°37	8°27	17°56	11°26	1° 1	6° 9	8°39	18°59	26°39	7°58	7°52	15°59	n.a.	S 3
M 4	8 39 26	11°42'52	3♌26	10°21	19° 7	11°59	1° 4	6°16	8°42	19° 0	26°38	7°R58	7°48	16° 5	n.a.	M 4
T 5	8 43 22	12°42'48	17°35	12°15	20°19	12°32	1° 7	6°23	8°45	19° 2	26°37	7°58	7°45	16°12	n.a.	T 5
W 6	8 47 19	13°42'41	1♍58	14°10	21°30	13° 4	1° 9	6°31	8°48	19° 4	26°35	7°58	7°42	16°19	n.a.	W 6
T 7	8 51 15	14°42'32	16°31	16° 6	22°41	13°37	1°12	6°38	8°51	19° 6	26°34	7°57	7°39	16°26	n.a.	T 7
F 8	8 55 12	15°42'22	1♎ 7	18° 3	23°52	14° 9	1°14	6°45	8°54	19° 8	26°32	7°56	7°36	16°32	n.a.	F 8
S 9	8 59 8	16°42'09	15°40	20° 1	25° 3	14°41	1°16	6°52	8°57	19°10	26°31	7°55	7°32	16°39	n.a.	S 9
S 10	9 3 5	17°41'55	0♏ 5	21°59	26°14	15°14	1°18	7° 0	9° 0	19°12	26°30	7°55	7°29	16°46	n.a.	S 10
M11	9 7 2	18°41'39	14°19	23°57	27°25	15°45	1°20	7° 7	9° 3	19°14	26°28	7°D54	7°26	16°52	n.a.	M11
T 12	9 10 58	19°41'21	28°19	25°56	28°36	16°17	1°21	7°15	9° 6	19°16	26°27	7°54	7°23	16°59	n.a.	T 12
W13	9 14 55	20°41'02	12♐ 4	27°55	29°46	16°49	1°23	7°22	9° 9	19°18	26°25	7°55	7°20	17° 6	n.a.	W13
T 14	9 18 51	21°40'40	25°35	29°54	0♈57	17°21	1°24	7°29	9°11	19°20	26°24	7°56	7°17	17°13	n.a.	T 14
F 15	9 22 48	22°40'17	8♑51	1♓53	2° 7	17°52	1°25	7°37	9°14	19°22	26°23	7°57	7°13	17°19	n.a.	F 15
S 16	9 26 44	23°39'52	21°54	3°50	3°17	18°23	1°26	7°44	9°17	19°24	26°21	7°58	7°10	17°26	n.a.	S 16
S 17	9 30 41	24°39'25	4♒43	5°47	4°27	18°55	1°26	7°52	9°20	19°26	26°20	7°R59	7° 7	17°33	n.a.	S 17
M18	9 34 37	25°38'56	17°21	7°42	5°37	19°26	1°27	7°59	9°22	19°28	26°19	7°59	7° 4	17°39	n.a.	M18
T 19	9 38 34	26°38'24	29°47	9°35	6°47	19°56	1°27	8° 7	9°25	19°31	26°18	7°57	7° 1	17°46	n.a.	T 19
W20	9 42 31	27°37'51	12♓ 2	11°27	7°57	20°27	1°R27	8°15	9°28	19°33	26°16	7°55	6°58	17°53	n.a.	W20
T 21	9 46 27	28°37'15	24° 9	13°15	9° 6	20°58	1°27	8°22	9°30	19°35	26°15	7°52	6°54	18° 0	n.a.	T 21
F 22	9 50 24	29°36'37	6♈ 7	15° 0	10°16	21°28	1°26	8°30	9°33	19°37	26°14	7°48	6°51	18° 6	n.a.	F 22
S 23	9 54 20	0♓35'56	18° 1	16°42	11°25	21°58	1°26	8°37	9°35	19°39	26°13	7°45	6°48	18°13	n.a.	S 23
S 24	9 58 17	1°35'14	29°53	18°20	12°34	22°28	1°25	8°45	9°38	19°41	26°12	7°41	6°45	18°20	n.a.	S 24
M25	10 2 13	2°34'29	11♉45	19°54	13°43	22°58	1°24	8°52	9°40	19°43	26°10	7°39	6°42	18°26	n.a.	M25
T 26	10 6 10	3°33'41	23°44	21°23	14°52	23°28	1°23	9° 0	9°43	19°46	26° 9	7°37	6°38	18°33	n.a.	T 26
W27	10 10 6	4°32'51	5♊51	22°46	16° 1	23°57	1°22	9° 8	9°45	19°48	26° 8	7°D37	6°35	18°40	n.a.	W27
T 28	10 14 3	5♓31'59	18♊14	24♓ 4	17♈ 9	24♏26	1♏20	9♓15	9♉47	19♓50	26♋ 7	7♌37	6♌32	18♈47	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s18	19n48	3s44	21s14	1s59	6s15	0s32	13s57	1n13	10s45	1n15	11s26	2s 8	23s52	0s25	6s 1	1s43	31n47	10n56	18n30	18n30	1n53		n.a.
S 2	18 2	20 47	2 48	20 44	1 57	5 44	0 29	14 8	1 12	10 46	1 15	11 23	2 8	23 52	0 25	6 0	1 43	31 47	10 57	18 30	18 31	1 55		n.a.
S 3	17 45	20 37	1 40	20 12	1 54	5 13	0 25	14 18	1 12	10 47	1 16	11 20	2 8	23 52	0 25	6 0	1 43	31 48	10 57	18 30	18 31	1 57		n.a.
M 4	17 29	19 13	0 25	19 38	1 51	4 42	0 22	14 29	1 11	10 48	1 16	11 17	2 8	23 51	0 25	5 59	1 43	31 48	10 57	18 30	18 32	2 0		n.a.
T 5	17 12	16 35	0n53	19 3	1 47	4 10	0 19	14 40	1 11	10 49	1 16	11 15	2 8	23 51	0 25	5 58	1 43	31 48	10 56	18 30	18 33	2 2		n.a.
W 6	16 55	12 54	2 9	18 25	1 43	3 39	0 15	14 50	1 10	10 50	1 16	11 12	2 7	23 51	0 25	5 57	1 43	31 48	10 56	18 30	18 34	2 4		n.a.
T 7	16 37	8 25	3 18	17 45	1 38	3 7	0 12	15 1	1 9	10 50	1 16	11 9	2 7	23 51	0 25	5 57	1 43	31 49	10 56	18 30	18 35	2 7		n.a.
F 8	16 19	3 26	4 14	17 4	1 32	2 36	0 9	15 11	1 9	10 51	1 16	11 6	2 7	23 51	0 25	5 56	1 43	31 49	10 56	18 30	18 36	2 9		n.a.
S 9	16 1	1s44	4 53	16 21	1 26	2 4	0 5	15 21	1 8	10 52	1 17	11 4	2 7	23 50	0 25	5 55	1 43	31 49	10 56	18 30	18 36	2 11		n.a.
S 10	15 43	6 44	5 14	15 36	1 19	1 32	0 1	15 31	1 7	10 52	1 17	11 1	2 7	23 50	0 25	5 54	1 43	31 49	10 56	18 31	18 37	2 13		n.a.
M11	15 24	11 19	5 15	14 49	1 12	1 0	0n 2	15 41	1 7	10 53	1 17	10 58	2 7	23 50	0 25	5 53	1 43	31 50	10 56	18 31	18 38	2 16		n.a.
T 12	15 5	15 12	4 57	14 1	1 4	0 29	0 6	15 51	1 6	10 53	1 17	10 55	2 7	23 50	0 25	5 52	1 43	31 50	10 56	18 31	18 39	2 18		n.a.
W13	14 46	18 11	4 22	13 12	0 55	0n 3	0 9	16 1	1 5	10 53	1 17	10 52	2 7	23 50	0 25	5 52	1 43	31 50	10 56	18 31	18 40	2 20		n.a.
T 14	14 27	20 6	3 34	12 21	0 46	0 35	0 13	16 11	1 5	10 54	1 17	10 49	2 7	23 50	0 25	5 51	1 43	31 50	10 56	18 30	18 40	2 23		n.a.
F 15	14 7	20 52	2 34	11 30	0 36	1 7	0 17	16 21	1 4	10 54	1 18	10 47	2 7	23 49	0 25	5 50	1 43	31 51	10 56	18 30	18 41	2 25		n.a.
S 16	13 48	20 29	1 28	10 37	0 26	1 38	0 21	16 30	1 3	10 54	1 18	10 44	2 7	23 49	0 25	5 49	1 43	31 51	10 56	18 30	18 42	2 27		n.a.
S 17	13 28	19 1	0 18	9 44	0 15	2 10	0 25	16 39	1 2	10 54	1 18	10 41	2 7	23 49	0 25	5 48	1 43	31 51	10 56	18 29	18 43	2 30		n.a.
M18	13 7	16 38	0s52	8 50	0 4	2 42	0 28	16 49	1 1	10 54	1 18	10 38	2 7	23 49	0 25	5 47	1 43	31 51	10 56	18 30	18 44	2 32		n.a.
T 19	12 47	13 31	1 57	7 56	0n 8	3 13	0 32	16 58	1 1	10 54	1 18	10 35	2 7	23 49	0 26	5 47	1 43	31 51	10 56	18 30	18 44	2 34		n.a.
W20	12 26	9 51	2 57	7 3	0 20	3 44	0 36	17 7	1 0	10 54	1 18	10 32	2 7	23 49	0 26	5 46	1 43	31 51	10 56	18 30	18 45	2 36		n.a.
T 21	12 6	5 50	3 48	6 9	0 33	4 16	0 40	17 16	0 59	10 53	1 19	10 29	2 7	23 48	0 26	5 45	1 43	31 52	10 56	18 31	18 46	2 39		n.a.
F 22	11 45	1 38	4 28	5 17	0 45	4 47	0 44	17 25	0 58	10 53	1 19	10 26	2 7	23 48	0 26	5 44	1 43	31 52	10 55	18 32	18 47	2 41		n.a.
S 23	11 24	2n36	4 56	4 25	0 58	5 18	0 48	17 34	0 57	10 53	1 19	10 24	2 7	23 48	0 26	5 43	1 43	31 52	10 55	18 33	18 48	2 43		n.a.
S 24	11 2	6 43	5 11	3 35	1 11	5 49	0 52	17 42	0 56	10 52	1 19	10 21	2 7	23 48	0 26	5 42	1 43	31 52	10 55	18 34	18 49	2 46		n.a.
M25	10 41	10 35	5 13	2 46	1 23	6 20	0 56	17 51	0 55	10 52	1 19	10 18	2 7	23 48	0 26	5 41	1 43	31 52	10 55	18 35	18 49	2 48		n.a.
T 26	10 19	14 3	5 2	2 0	1 36	6 51	1 0	17 59	0 54	10 52	1 19	10 15	2 7	23 48	0 26	5 40	1 43	31 52	10 55	18 35	18 50	2 50		n.a.
W27	9 57	17 0	4 37	1 15	1 48	7 21	1 4	18 8	0 53	10 51	1 19	10 12	2 7	23 47	0 26	5 40	1 43	31 52	10 55	18 35	18 51	2 52		n.a.
T 28	9s36	19n14	3s59	0s33	2n 0	7n52	1n 8	18s16	0n52	10s50	1n20	10s 9	2s 7	23s47	0s26	5s39	1s43	31n53	10n55	18n35	18n52	2n55		n.a.

Julian Day Number = 1622106.5, Delta T = 03h46m54s
Ecliptic obliquity = 23°43'36, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'29, Lahiri = - 7°42'29 Julian Calendar 1 Feb. 272 BCE == Greg. Calendar 28 Jan. 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

MARCH 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 17 59	6♓31'04	0♋55	25♓17	18♈18	24♏55	1°R19	9♓23	9♑50	19♓52	26°R 6	7♌39	6♌29	18♈53	n.a.	F 1
S 2	10 21 56	7°30'07	13°59	26°23	19°26	25°24	1♏17	9°31	9°52	19°54	26♋ 5	7°40	6°26	19° 0	n.a.	S 2
S 3	10 25 53	8°29'08	27°29	27°24	20°34	25°53	1°15	9°38	9°54	19°57	26° 4	7°42	6°23	19° 7	n.a.	S 3
M 4	10 29 49	9°28'06	11♌25	28°18	21°42	26°21	1°13	9°46	9°56	19°59	26° 3	7°R42	6°19	19°13	n.a.	M 4
T 5	10 33 46	10°27'02	25°47	29° 5	22°49	26°50	1°10	9°54	9°59	20° 1	26° 2	7°41	6°16	19°20	n.a.	T 5
W 6	10 37 42	11°25'56	10♍29	29°46	23°57	27°18	1° 8	10° 1	10° 1	20° 3	26° 1	7°38	6°13	19°27	n.a.	W 6
T 7	10 41 39	12°24'47	25°26	0♈20	25° 4	27°46	1° 5	10° 9	10° 3	20° 6	26° 0	7°34	6°10	19°34	n.a.	T 7
F 8	10 45 35	13°23'37	10♎29	0°47	26°11	28°13	1° 2	10°17	10° 5	20° 8	25°59	7°29	6° 7	19°40	n.a.	F 8
S 9	10 49 32	14°22'24	25°27	1° 7	27°18	28°40	0°59	10°24	10° 7	20°10	25°58	7°23	6° 3	19°47	n.a.	S 9
S 10	10 53 28	15°21'10	10♏14	1°21	28°25	29° 8	0°56	10°32	10° 9	20°12	25°57	7°19	6° 0	19°54	n.a.	S 10
M11	10 57 25	16°19'54	24°42	1°27	29°32	29°35	0°52	10°39	10°11	20°15	25°56	7°15	5°57	20° 1	n.a.	M11
T 12	11 1 22	17°18'36	8♐48	1°R28	0♑38	0♐ 1	0°49	10°47	10°12	20°17	25°55	7°13	5°54	20° 7	n.a.	T 12
W13	11 5 18	18°17'16	22°32	1°22	1°44	0°28	0°45	10°55	10°14	20°19	25°55	7°D13	5°51	20°14	n.a.	W13
T 14	11 9 15	19°15'55	5♑53	1°10	2°50	0°54	0°41	11° 2	10°16	20°21	25°54	7°14	5°48	20°21	n.a.	T 14
F 15	11 13 11	20°14'32	18°55	0°52	3°56	1°20	0°37	11°10	10°18	20°24	25°53	7°15	5°44	20°27	n.a.	F 15
S 16	11 17 8	21°13'07	1♒40	0°30	5° 1	1°45	0°33	11°17	10°19	20°26	25°52	7°R16	5°41	20°34	n.a.	S 16
S 17	11 21 4	22°11'40	14°11	0° 2	6° 6	2°10	0°28	11°25	10°21	20°28	25°52	7°16	5°38	20°41	n.a.	S 17
M18	11 25 1	23°10'12	26°32	29♓31	7°11	2°35	0°24	11°33	10°23	20°30	25°51	7°14	5°35	20°48	n.a.	M18
T 19	11 28 57	24° 8'41	8♓43	28°55	8°16	3° 0	0°19	11°40	10°24	20°33	25°50	7°10	5°32	20°54	n.a.	T 19
W20	11 32 54	25° 7'08	20°47	28°18	9°21	3°24	0°14	11°48	10°26	20°35	25°50	7° 4	5°29	21° 1	n.a.	W20
T 21	11 36 50	26° 5'34	2♈46	27°38	10°25	3°49	0° 9	11°55	10°27	20°37	25°49	6°56	5°25	21° 8	n.a.	T 21
F 22	11 40 47	27° 3'58	14°40	26°56	11°29	4°12	0° 4	12° 3	10°29	20°40	25°48	6°46	5°22	21°14	n.a.	F 22
S 23	11 44 44	28° 2'19	26°33	26°15	12°33	4°36	29♎58	12°10	10°30	20°42	25°48	6°36	5°19	21°21	n.a.	S 23
S 24	11 48 40	29° 0'39	8♉24	25°33	13°36	4°59	29°53	12°18	10°31	20°44	25°47	6°27	5°16	21°28	n.a.	S 24
M25	11 52 37	29°58'56	20°17	24°53	14°39	5°21	29°47	12°25	10°33	20°46	25°47	6°19	5°13	21°35	n.a.	M25
T 26	11 56 33	0♈57'11	2♊15	24°14	15°42	5°44	29°41	12°32	10°34	20°49	25°46	6°13	5° 9	21°41	n.a.	T 26
W27	12 0 30	1°55'25	14°22	23°37	16°45	6° 6	29°36	12°40	10°35	20°51	25°46	6° 9	5° 6	21°48	n.a.	W27
T 28	12 4 26	2°53'36	26°41	23° 3	17°47	6°27	29°30	12°47	10°36	20°53	25°45	6° 7	5° 3	21°55	n.a.	T 28
F 29	12 8 23	3°51'45	9♋18	22°33	18°49	6°49	29°23	12°55	10°37	20°55	25°45	6°D 7	5° 0	22° 1	n.a.	F 29
S 30	12 12 19	4°49'52	22°16	22° 7	19°51	7° 9	29°17	13° 2	10°38	20°57	25°45	6° 8	4°57	22° 8	n.a.	S 30
S 31	12 16 16	5♈47'57	5♌40	21♓44	20♑52	7♐30	29♎11	13♓ 9	10♑39	21♓ 0	25♋44	6°R 8	4♌54	22♈15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s14	20n35	3s 8	0n 7	2n12	8n22	1n12	18s24	0n51	10s50	1n20	10s 6	2s 7	23s47	0s26	5s38	1s43	31n53	10n55	18n35	18n53	2n57		n.a.
S 2	8 51	20 53	2 6	0 44	2 23	8 52	1 16	18 32	0 50	10 49	1 20	10 3	2 7	23 47	0 26	5 37	1 43	31 53	10 55	18 34	18 53	2 59		n.a.
S 3	8 29	20 0	0 56	1 17	2 33	9 22	1 20	18 40	0 49	10 48	1 20	10 0	2 7	23 47	0 26	5 36	1 43	31 53	10 54	18 34	18 54	3 2		n.a.
M 4	8 7	17 53	0n20	1 48	2 43	9 51	1 24	18 48	0 48	10 47	1 20	9 58	2 7	23 47	0 26	5 35	1 43	31 53	10 54	18 34	18 55	3 4		n.a.
T 5	7 44	14 36	1 37	2 15	2 51	10 21	1 28	18 56	0 46	10 46	1 20	9 55	2 7	23 47	0 26	5 34	1 43	31 53	10 54	18 34	18 56	3 6		n.a.
W 6	7 22	10 20	2 49	2 38	2 59	10 50	1 32	19 3	0 45	10 45	1 20	9 52	2 7	23 46	0 26	5 33	1 43	31 53	10 54	18 35	18 57	3 9		n.a.
T 7	6 59	5 22	3 51	2 58	3 6	11 18	1 36	19 11	0 44	10 44	1 21	9 49	2 7	23 46	0 26	5 32	1 43	31 53	10 54	18 36	18 57	3 11		n.a.
F 8	6 36	0 3	4 37	3 14	3 12	11 47	1 40	19 19	0 43	10 43	1 21	9 46	2 7	23 46	0 26	5 32	1 43	31 53	10 54	18 37	18 58	3 13		n.a.
S 9	6 13	5s15	5 4	3 27	3 17	12 15	1 44	19 26	0 41	10 42	1 21	9 43	2 7	23 46	0 26	5 31	1 43	31 53	10 53	18 39	18 59	3 16		n.a.
S 10	5 50	10 9	5 10	3 35	3 20	12 43	1 48	19 33	0 40	10 40	1 21	9 40	2 7	23 46	0 26	5 30	1 43	31 53	10 53	18 40	19 0	3 18		n.a.
M11	5 27	14 23	4 57	3 40	3 22	13 11	1 52	19 40	0 39	10 39	1 21	9 37	2 7	23 46	0 26	5 29	1 43	31 53	10 53	18 41	19 1	3 20		n.a.
T 12	5 4	17 40	4 25	3 41	3 23	13 38	1 56	19 47	0 37	10 38	1 21	9 34	2 8	23 46	0 26	5 28	1 43	31 53	10 53	18 41	19 1	3 22		n.a.
W13	4 41	19 52	3 39	3 38	3 22	14 5	2 0	19 54	0 36	10 36	1 21	9 31	2 8	23 46	0 26	5 27	1 43	31 53	10 53	18 41	19 2	3 25		n.a.
T 14	4 18	20 54	2 42	3 31	3 20	14 32	2 4	20 1	0 34	10 35	1 21	9 29	2 8	23 45	0 26	5 26	1 43	31 53	10 53	18 41	19 3	3 27		n.a.
F 15	3 55	20 45	1 38	3 21	3 16	14 59	2 8	20 8	0 33	10 33	1 22	9 26	2 8	23 45	0 26	5 25	1 43	31 53	10 52	18 41	19 4	3 29		n.a.
S 16	3 31	19 32	0 30	3 7	3 11	15 25	2 11	20 15	0 31	10 32	1 22	9 23	2 8	23 45	0 26	5 24	1 43	31 53	10 52	18 40	19 5	3 32		n.a.
S 17	3 8	17 22	0s37	2 49	3 4	15 50	2 15	20 22	0 30	10 30	1 22	9 20	2 8	23 45	0 26	5 23	1 43	31 53	10 52	18 40	19 5	3 34		n.a.
M18	2 45	14 25	1 42	2 29	2 56	16 16	2 19	20 28	0 28	10 28	1 22	9 17	2 8	23 45	0 26	5 23	1 43	31 53	10 52	18 41	19 6	3 36		n.a.
T 19	2 21	10 53	2 41	2 6	2 46	16 41	2 23	20 34	0 27	10 26	1 22	9 14	2 8	23 45	0 26	5 22	1 43	31 53	10 52	18 42	19 7	3 39		n.a.
W20	1 58	6 57	3 33	1 41	2 35	17 5	2 26	20 41	0 25	10 25	1 22	9 11	2 8	23 45	0 26	5 21	1 43	31 53	10 51	18 44	19 8	3 41		n.a.
T 21	1 34	2 46	4 14	1 14	2 23	17 29	2 30	20 47	0 23	10 23	1 22	9 9	2 8	23 45	0 26	5 20	1 43	31 53	10 51	18 46	19 8	3 43		n.a.
F 22	1 11	1n30	4 44	0 45	2 10	17 53	2 33	20 53	0 21	10 21	1 22	9 6	2 8	23 45	0 26	5 19	1 43	31 53	10 51	18 48	19 9	3 46		n.a.
S 23	0 47	5 41	5 1	0 15	1 56	18 16	2 37	20 59	0 20	10 19	1 22	9 3	2 8	23 45	0 26	5 18	1 43	31 53	10 51	18 51	19 10	3 48		n.a.
S 24	0 24	9 39	5 6	0s15	1 40	18 39	2 40	21 5	0 18	10 17	1 22	9 0	2 8	23 45	0 26	5 17	1 43	31 52	10 51	18 53	19 11	3 50		n.a.
M25	0 0	13 16	4 57	0 46	1 25	19 2	2 44	21 11	0 16	10 15	1 22	8 57	2 8	23 44	0 26	5 16	1 43	31 52	10 50	18 55	19 12	3 53		n.a.
T 26	0n23	16 22	4 35	1 16	1 8	19 24	2 47	21 17	0 14	10 13	1 22	8 55	2 9	23 44	0 26	5 15	1 43	31 52	10 50	18 57	19 12	3 55		n.a.
W27	0 46	18 49	4 1	1 46	0 52	19 45	2 50	21 23	0 12	10 11	1 23	8 52	2 9	23 44	0 26	5 15	1 43	31 52	10 50	18 58	19 13	3 57		n.a.
T 28	1 10	20 26	3 15	2 15	0 35	20 6	2 53	21 29	0 10	10 8	1 23	8 49	2 9	23 44	0 26	5 14	1 43	31 52	10 50	18 58	19 14	4 0		n.a.
F 29	1 33	21 6	2 19	2 42	0 19	20 27	2 56	21 34	0 8	10 6	1 23	8 46	2 9	23 44	0 27	5 13	1 43	31 52	10 49	18 58	19 15	4 2		n.a.
S 30	1 57	20 39	1 14	3 8	0 2	20 47	2 59	21 40	0 6	10 4	1 23	8 44	2 9	23 44	0 27	5 12	1 43	31 52	10 49	18 58	19 15	4 4		n.a.
S 31	2n20	19n 2	0s 3	3s32	0s14	21n 7	3n 2	21s46	0n 4	10s 2	1n23	8s41	2s 9	23s44	0s27	5s11	1s43	31n52	10n49	18n58	19n16	4n 6		n.a.

Julian Day Number = 1622134.5, Delta T = 03h46m53s
Ecliptic obliquity = 23°43'36, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'25, Lahiri = - 7°42'25 Julian Calendar 1 March 272 BCE == Greg. Calendar 25 Feb. 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

APRIL 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 20 13	6♈46'00	19♌32	21°R26	21♉53	7♐50	29°R 4	13♓16	10♑40	21♓ 2	25°R44	6°R 8	4♌50	22♈22	n.a.	M 1
T 2	12 24 9	7°44'01	3♍53	21♓12	22°53	8°10	28♎58	13°24	10°41	21° 4	25♋44	6♌ 5	4°47	22°28	n.a.	T 2
W 3	12 28 6	8°42'00	18°41	21° 4	23°53	8°29	28°51	13°31	10°42	21° 6	25°44	6° 0	4°44	22°35	n.a.	W 3
T 4	12 32 2	9°39'57	3♎47	20°D59	24°53	8°48	28°44	13°38	10°43	21° 8	25°43	5°52	4°41	22°42	n.a.	T 4
F 5	12 35 59	10°37'52	19° 5	21° 0	25°53	9° 6	28°38	13°45	10°43	21°11	25°43	5°43	4°38	22°48	n.a.	F 5
S 6	12 39 55	11°35'46	4♏21	21° 6	26°52	9°24	28°31	13°52	10°44	21°13	25°43	5°34	4°35	22°55	n.a.	S 6
S 7	12 43 52	12°33'38	19°26	21°16	27°50	9°41	28°24	13°59	10°45	21°15	25°43	5°25	4°31	23° 2	n.a.	S 7
M 8	12 47 48	13°31'29	4♐10	21°31	28°48	9°58	28°17	14° 6	10°45	21°17	25°43	5°18	4°28	23° 9	n.a.	M 8
T 9	12 51 45	14°29'18	18°29	21°50	29°46	10°15	28° 9	14°13	10°46	21°19	25°43	5°13	4°25	23°15	n.a.	T 9
W10	12 55 41	15°27'06	2♑19	22°13	0♊43	10°31	28° 2	14°20	10°46	21°21	25°43	5°10	4°22	23°22	n.a.	W10
T 11	12 59 38	16°24'53	15°42	22°41	1°40	10°46	27°55	14°27	10°47	21°23	25°D43	5°D10	4°19	23°29	n.a.	T 11
F 12	13 3 35	17°22'39	28°40	23°14	2°36	11° 1	27°47	14°34	10°47	21°25	25°43	5°R10	4°15	23°36	n.a.	F 12
S 13	13 7 31	18°20'23	11♒18	23°50	3°32	11°16	27°40	14°41	10°47	21°27	25°43	5°10	4°12	23°42	n.a.	S 13
S 14	13 11 28	19°18'07	23°40	24°30	4°27	11°29	27°33	14°48	10°48	21°29	25°43	5° 9	4° 9	23°49	n.a.	S 14
M15	13 15 24	20°15'48	5♓50	25°13	5°22	11°43	27°25	14°54	10°48	21°32	25°43	5° 5	4° 6	23°56	n.a.	M15
T 16	13 19 21	21°13'29	17°52	26° 1	6°16	11°55	27°18	15° 1	10°48	21°34	25°43	4°59	4° 3	24° 2	n.a.	T 16
W17	13 23 17	22°11'08	29°48	26°52	7°10	12° 7	27°10	15° 8	10°48	21°36	25°43	4°49	4° 0	24° 9	n.a.	W17
T 18	13 27 14	23° 8'46	11♈41	27°46	8° 3	12°19	27° 2	15°14	10°48	21°38	25°43	4°38	3°56	24°16	n.a.	T 18
F 19	13 31 10	24° 6'23	23°33	28°43	8°55	12°30	26°55	15°21	10°R49	21°40	25°43	4°25	3°53	24°23	n.a.	F 19
S 20	13 35 7	25° 3'58	5♉25	29°44	9°47	12°40	26°47	15°27	10°48	21°42	25°44	4°11	3°50	24°29	n.a.	S 20
S 21	13 39 4	26° 1'33	17°18	0♈48	10°38	12°50	26°40	15°34	10°48	21°43	25°44	3°57	3°47	24°36	n.a.	S 21
M22	13 43 0	26°59'05	29°15	1°54	11°28	12°59	26°32	15°40	10°48	21°45	25°44	3°46	3°44	24°43	n.a.	M22
T 23	13 46 57	27°56'37	11♊17	3° 4	12°18	13° 7	26°24	15°47	10°48	21°47	25°45	3°36	3°40	24°49	n.a.	T 23
W24	13 50 53	28°54'07	23°27	4°16	13° 7	13°15	26°17	15°53	10°48	21°49	25°45	3°30	3°37	24°56	n.a.	W24
T 25	13 54 50	29°51'35	5♋48	5°31	13°55	13°22	26° 9	15°59	10°48	21°51	25°45	3°26	3°34	25° 3	n.a.	T 25
F 26	13 58 46	0♉49'03	18°24	6°49	14°43	13°28	26° 1	16° 5	10°47	21°53	25°46	3°24	3°31	25°10	n.a.	F 26
S 27	14 2 43	1°46'28	1♌19	8°10	15°29	13°34	25°54	16°12	10°47	21°55	25°46	3°24	3°28	25°16	n.a.	S 27
S 28	14 6 39	2°43'53	14°37	9°33	16°15	13°39	25°46	16°18	10°47	21°57	25°47	3°24	3°25	25°23	n.a.	S 28
M29	14 10 36	3°41'16	28°21	10°59	17° 0	13°43	25°39	16°24	10°46	21°58	25°47	3°23	3°21	25°30	n.a.	M29
T 30	14 14 33	4♉38'37	12♍33	12♈27	17♊44	13♐47	25♎31	16♓30	10♑46	22♓ 0	25♋48	3♌20	3♌18	25♈37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n43	16n15	1n11	3s53	0s30	21n26	3n 5	21s51	0n 2	9s59	1n23	8s38	2s 9	23s44	0s27	5s10	1s43	31n51	10n49	18n58	19n17	4n 9		n.a.
T 2	3 6	12 24	2 22	4 13	0 45	21 45	3 8	21 56	0s 0	9 57	1 23	8 35	2 9	23 44	0 27	5 9	1 43	31 51	10 49	18 59	19 18	4 11		n.a.
W 3	3 29	7 41	3 26	4 30	0 59	22 3	3 11	22 2	0 3	9 54	1 23	8 33	2 9	23 44	0 27	5 9	1 43	31 51	10 48	19 0	19 19	4 13		n.a.
T 4	3 52	2 24	4 17	4 44	1 13	22 20	3 13	22 7	0 5	9 52	1 23	8 30	2 10	23 44	0 27	5 8	1 43	31 51	10 48	19 2	19 19	4 16		n.a.
F 5	4 15	3s 5	4 50	4 56	1 27	22 37	3 16	22 12	0 7	9 50	1 23	8 27	2 10	23 44	0 27	5 7	1 43	31 51	10 48	19 4	19 20	4 18		n.a.
S 6	4 38	8 22	5 3	5 5	1 39	22 54	3 18	22 17	0 10	9 47	1 23	8 25	2 10	23 44	0 27	5 6	1 43	31 50	10 48	19 6	19 21	4 20		n.a.
S 7	5 1	13 5	4 54	5 12	1 51	23 10	3 20	22 22	0 12	9 45	1 23	8 22	2 10	23 44	0 27	5 5	1 43	31 50	10 47	19 9	19 22	4 23		n.a.
M 8	5 24	16 53	4 26	5 16	2 1	23 25	3 23	22 27	0 15	9 42	1 23	8 19	2 10	23 44	0 27	5 4	1 43	31 50	10 47	19 10	19 22	4 25		n.a.
T 9	5 47	19 33	3 41	5 17	2 11	23 40	3 25	22 32	0 17	9 39	1 23	8 17	2 10	23 44	0 27	5 4	1 43	31 50	10 47	19 12	19 23	4 27		n.a.
W10	6 9	20 57	2 45	5 16	2 21	23 55	3 27	22 37	0 20	9 37	1 23	8 14	2 10	23 44	0 27	5 3	1 43	31 50	10 47	19 12	19 24	4 30		n.a.
T 11	6 32	21 7	1 42	5 12	2 29	24 9	3 28	22 42	0 23	9 34	1 23	8 12	2 10	23 44	0 27	5 2	1 43	31 49	10 46	19 12	19 25	4 32		n.a.
F 12	6 54	20 7	0 34	5 6	2 36	24 22	3 30	22 47	0 26	9 32	1 23	8 9	2 11	23 44	0 27	5 1	1 43	31 49	10 46	19 12	19 25	4 34		n.a.
S 13	7 16	18 7	0s33	4 58	2 43	24 34	3 32	22 52	0 28	9 29	1 23	8 7	2 11	23 44	0 27	5 0	1 43	31 49	10 46	19 12	19 26	4 37		n.a.
S 14	7 39	15 18	1 36	4 47	2 49	24 47	3 33	22 57	0 31	9 26	1 23	8 4	2 11	23 44	0 27	5 0	1 43	31 49	10 46	19 13	19 27	4 39		n.a.
M15	8 1	11 53	2 35	4 34	2 54	24 58	3 34	23 1	0 34	9 24	1 23	8 1	2 11	23 44	0 27	4 59	1 43	31 48	10 45	19 13	19 28	4 41		n.a.
T 16	8 23	8 0	3 25	4 19	2 58	25 9	3 36	23 6	0 37	9 21	1 23	7 59	2 11	23 44	0 27	4 58	1 43	31 48	10 45	19 15	19 29	4 44		n.a.
W17	8 44	3 51	4 7	4 2	3 1	25 20	3 37	23 11	0 40	9 18	1 22	7 57	2 11	23 44	0 27	4 57	1 43	31 48	10 45	19 17	19 29	4 46		n.a.
T 18	9 6	0n26	4 37	3 42	3 4	25 29	3 38	23 15	0 43	9 16	1 22	7 54	2 12	23 44	0 27	4 56	1 43	31 48	10 45	19 20	19 30	4 48		n.a.
F 19	9 28	4 41	4 55	3 21	3 6	25 39	3 38	23 20	0 46	9 13	1 22	7 52	2 12	23 44	0 27	4 56	1 43	31 47	10 45	19 23	19 31	4 51		n.a.
S 20	9 49	8 46	5 0	2 57	3 7	25 47	3 39	23 24	0 50	9 10	1 22	7 49	2 12	23 44	0 27	4 55	1 44	31 47	10 44	19 27	19 32	4 53		n.a.
S 21	10 10	12 32	4 52	2 32	3 7	25 55	3 39	23 29	0 53	9 8	1 22	7 47	2 12	23 44	0 27	4 54	1 44	31 47	10 44	19 30	19 32	4 55		n.a.
M22	10 31	15 49	4 31	2 5	3 7	26 3	3 39	23 33	0 56	9 5	1 22	7 44	2 12	23 44	0 27	4 53	1 44	31 46	10 44	19 33	19 33	4 58		n.a.
T 23	10 52	18 28	3 58	1 36	3 6	26 10	3 39	23 38	0 59	9 2	1 22	7 42	2 12	23 44	0 27	4 53	1 44	31 46	10 44	19 35	19 34	5 0		n.a.
W24	11 13	20 20	3 14	1 5	3 4	26 16	3 39	23 42	1 3	8 59	1 22	7 40	2 13	23 44	0 27	4 52	1 44	31 46	10 43	19 36	19 35	5 2		n.a.
T 25	11 33	21 16	2 20	0 33	3 2	26 22	3 39	23 47	1 6	8 57	1 22	7 38	2 13	23 44	0 27	4 51	1 44	31 46	10 43	19 37	19 35	5 5		n.a.
F 26	11 54	21 9	1 18	0n 1	2 59	26 27	3 38	23 51	1 10	8 54	1 22	7 35	2 13	23 44	0 27	4 51	1 44	31 45	10 43	19 38	19 36	5 7		n.a.
S 27	12 14	19 56	0 11	0 36	2 55	26 32	3 38	23 55	1 14	8 51	1 22	7 33	2 13	23 44	0 27	4 50	1 44	31 45	10 43	19 38	19 37	5 9		n.a.
S 28	12 34	17 35	0n59	1 13	2 51	26 36	3 37	23 59	1 17	8 49	1 21	7 31	2 13	23 44	0 27	4 49	1 44	31 45	10 42	19 38	19 38	5 12		n.a.
M29	12 54	14 11	2 8	1 52	2 46	26 40	3 36	24 4	1 21	8 46	1 21	7 29	2 13	23 44	0 27	4 48	1 44	31 44	10 42	19 38	19 38	5 14		n.a.
T 30	13n13	9n52	3n11	2n31	2s40	26n43	3n34	24s 8	1s25	8s43	1n21	7s26	2s14	23s44	0s27	4s48	1s44	31n44	10n42	19n39	19n39	5n16		n.a.

Julian Day Number = 1622165.5, Delta T = 03h46m52s
Ecliptic obliquity = 23°43'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'21, Lahiri = - 7°42'21 Julian Calendar 1 Apr. 272 BCE == Greg. Calendar 28 March 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

MAY 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 18 29	5♉35'58	27♍12	13♈58	18♊27	13♐50	25°R24	16♓36	10°R45	22♓ 2	25♋48	3°R14	3♌15	25♈43	n.a.	W 1
T 2	14 22 26	6°33'17	12♎13	15°32	19° 8	13°52	25♎16	16°41	10♑45	22° 4	25°49	3♌ 5	3°12	25°50	n.a.	T 2
F 3	14 26 22	7°30'35	27°28	17° 8	19°49	13°53	25° 9	16°47	10°44	22° 5	25°49	2°55	3° 9	25°57	n.a.	F 3
S 4	14 30 19	8°27'52	12♏47	18°47	20°29	13°R54	25° 2	16°53	10°43	22° 7	25°50	2°45	3° 6	26° 3	n.a.	S 4
S 5	14 34 15	9°25'08	27°58	20°28	21° 8	13°54	24°55	16°59	10°43	22° 9	25°51	2°35	3° 2	26°10	n.a.	S 5
M 6	14 38 12	10°22'24	12♐50	22°11	21°45	13°53	24°47	17° 4	10°42	22°11	25°51	2°26	2°59	26°17	n.a.	M 6
T 7	14 42 8	11°19'39	27°18	23°57	22°22	13°52	24°40	17°10	10°41	22°12	25°52	2°20	2°56	26°24	n.a.	T 7
W 8	14 46 5	12°16'53	11♑16	25°46	22°57	13°49	24°33	17°15	10°40	22°14	25°53	2°17	2°53	26°30	n.a.	W 8
T 9	14 50 2	13°14'07	24°45	27°37	23°31	13°46	24°26	17°21	10°39	22°15	25°54	2°16	2°50	26°37	n.a.	T 9
F 10	14 53 58	14°11'20	7♒47	29°30	24° 3	13°43	24°20	17°26	10°38	22°17	25°54	2°16	2°46	26°44	n.a.	F 10
S 11	14 57 55	15° 8'33	20°26	1♉26	24°34	13°38	24°13	17°31	10°37	22°18	25°55	2°16	2°43	26°51	n.a.	S 11
S 12	15 1 51	16° 5'46	2♓46	3°24	25° 4	13°33	24° 6	17°37	10°36	22°20	25°56	2°15	2°40	26°57	n.a.	S 12
M13	15 5 48	17° 2'58	14°53	5°24	25°32	13°27	24° 0	17°42	10°35	22°21	25°57	2°12	2°37	27° 4	n.a.	M13
T 14	15 9 44	18° 0'10	26°51	7°26	25°58	13°20	23°53	17°47	10°34	22°23	25°58	2° 6	2°34	27°11	n.a.	T 14
W15	15 13 41	18°57'21	8♈44	9°30	26°23	13°12	23°47	17°52	10°33	22°24	25°59	1°58	2°31	27°17	n.a.	W15
T 16	15 17 37	19°54'32	20°35	11°36	26°47	13° 4	23°41	17°57	10°32	22°26	26° 0	1°47	2°27	27°24	n.a.	T 16
F 17	15 21 34	20°51'43	2♉26	13°43	27° 8	12°55	23°35	18° 1	10°30	22°27	26° 1	1°35	2°24	27°31	n.a.	F 17
S 18	15 25 31	21°48'53	14°21	15°52	27°28	12°45	23°29	18° 6	10°29	22°29	26° 2	1°22	2°21	27°38	n.a.	S 18
S 19	15 29 27	22°46'03	26°20	18° 1	27°46	12°35	23°23	18°11	10°28	22°30	26° 3	1°10	2°18	27°44	n.a.	S 19
M20	15 33 24	23°43'12	8♊24	20°12	28° 2	12°24	23°17	18°16	10°26	22°31	26° 4	0°59	2°15	27°51	n.a.	M20
T 21	15 37 20	24°40'21	20°35	22°23	28°16	12°12	23°11	18°20	10°25	22°32	26° 5	0°51	2°11	27°58	n.a.	T 21
W22	15 41 17	25°37'30	2♋54	24°34	28°28	12° 0	23° 6	18°25	10°24	22°34	26° 6	0°45	2° 8	28° 4	n.a.	W22
T 23	15 45 13	26°34'38	15°24	26°45	28°38	11°47	23° 1	18°29	10°22	22°35	26° 7	0°42	2° 5	28°11	n.a.	T 23
F 24	15 49 10	27°31'46	28° 7	28°56	28°46	11°34	22°55	18°33	10°21	22°36	26° 8	0°D41	2° 2	28°18	n.a.	F 24
S 25	15 53 7	28°28'53	11♌ 6	1♊ 7	28°52	11°20	22°50	18°37	10°19	22°37	26° 9	0°41	1°59	28°25	n.a.	S 25
S 26	15 57 3	29°26'00	24°23	3°16	28°55	11° 6	22°45	18°42	10°17	22°38	26°11	0°R42	1°56	28°31	n.a.	S 26
M27	16 1 0	0♊23'06	8♍ 3	5°25	28°R56	10°51	22°41	18°46	10°16	22°40	26°12	0°41	1°52	28°38	n.a.	M27
T 28	16 4 56	1°20'11	22° 5	7°33	28°55	10°36	22°36	18°50	10°14	22°41	26°13	0°40	1°49	28°45	n.a.	T 28
W29	16 8 53	2°17'17	6♎30	9°39	28°52	10°20	22°32	18°53	10°12	22°42	26°14	0°36	1°46	28°52	n.a.	W29
T 30	16 12 49	3°14'22	21°15	11°43	28°46	10° 4	22°27	18°57	10°11	22°43	26°16	0°30	1°43	28°58	n.a.	T 30
F 31	16 16 46	4♊11'26	6♏15	13♊46	28♊37	9♐48	22♎23	19♓ 1	10♑ 9	22♓44	26♋17	0♌22	1♌40	29♈ 5	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	13n33	4n51	4n 4	3n13	2s34	26n45	3n33	24s12	1s29	8s41	1n21	7s24	2s14	23s45	0s27	4s47	1s44	31n44	10n42	19n40	19n40	5n19			n.a.
T 2	13 52	0s35	4 41	3 55	2 28	26 47	3 31	24 16	1 33	8 38	1 21	7 22	2 14	23 45	0 28	4 46	1 44	31 43	10 41	19 42	19 41	5 21			n.a.
F 3	14 11	6 3	4 59	4 39	2 21	26 48	3 29	24 20	1 36	8 36	1 21	7 20	2 14	23 45	0 28	4 46	1 44	31 43	10 41	19 44	19 41	5 23			n.a.
S 4	14 30	11 10	4 56	5 24	2 13	26 49	3 27	24 24	1 40	8 33	1 21	7 18	2 14	23 45	0 28	4 45	1 44	31 42	10 41	19 47	19 42	5 26			n.a.
S 5	14 48	15 32	4 32	6 10	2 5	26 49	3 24	24 28	1 45	8 31	1 20	7 16	2 15	23 45	0 28	4 45	1 44	31 42	10 41	19 49	19 43	5 28			n.a.
M 6	15 7	18 49	3 50	6 57	1 56	26 49	3 22	24 32	1 49	8 28	1 20	7 14	2 15	23 45	0 28	4 44	1 44	31 42	10 40	19 51	19 44	5 30			n.a.
T 7	15 25	20 48	2 54	7 44	1 48	26 48	3 18	24 36	1 53	8 26	1 20	7 12	2 15	23 45	0 28	4 43	1 44	31 41	10 40	19 52	19 44	5 33			n.a.
W 8	15 42	21 26	1 49	8 33	1 38	26 47	3 15	24 40	1 57	8 23	1 20	7 10	2 15	23 45	0 28	4 43	1 44	31 41	10 40	19 53	19 45	5 35			n.a.
T 9	16 0	20 47	0 40	9 23	1 28	26 45	3 12	24 44	2 1	8 21	1 20	7 8	2 16	23 45	0 28	4 42	1 44	31 41	10 40	19 54	19 46	5 37			n.a.
F 10	16 17	19 1	0s29	10 13	1 18	26 43	3 8	24 48	2 6	8 19	1 20	7 6	2 16	23 45	0 28	4 42	1 44	31 40	10 40	19 54	19 46	5 40			n.a.
S 11	16 34	16 21	1 35	11 3	1 8	26 40	3 3	24 52	2 10	8 16	1 19	7 4	2 16	23 45	0 28	4 41	1 44	31 40	10 39	19 54	19 47	5 42			n.a.
S 12	16 51	13 0	2 34	11 54	0 57	26 37	2 59	24 55	2 14	8 14	1 19	7 2	2 16	23 46	0 28	4 40	1 44	31 39	10 39	19 54	19 48	5 44			n.a.
M13	17 8	9 10	3 25	12 45	0 47	26 33	2 54	24 59	2 19	8 12	1 19	7 0	2 16	23 46	0 28	4 40	1 45	31 39	10 39	19 55	19 49	5 47			n.a.
T 14	17 24	5 2	4 7	13 36	0 36	26 29	2 49	25 2	2 23	8 9	1 19	6 59	2 17	23 46	0 28	4 39	1 45	31 39	10 39	19 56	19 49	5 49			n.a.
W15	17 40	0 44	4 37	14 26	0 25	26 24	2 43	25 6	2 27	8 7	1 19	6 57	2 17	23 46	0 28	4 39	1 45	31 38	10 38	19 58	19 50	5 51			n.a.
T 16	17 56	3n34	4 56	15 16	0 14	26 19	2 38	25 9	2 32	8 5	1 18	6 55	2 17	23 46	0 28	4 38	1 45	31 38	10 38	20 0	19 51	5 54			n.a.
F 17	18 11	7 45	5 1	16 6	0 3	26 13	2 31	25 12	2 36	8 3	1 18	6 53	2 17	23 46	0 28	4 38	1 45	31 37	10 38	20 3	19 52	5 56			n.a.
S 18	18 26	11 40	4 54	16 55	0n 8	26 7	2 25	25 15	2 41	8 1	1 18	6 52	2 18	23 46	0 28	4 37	1 45	31 37	10 38	20 6	19 52	5 58			n.a.
S 19	18 41	15 8	4 33	17 42	0 18	26 0	2 18	25 19	2 45	7 59	1 18	6 50	2 18	23 46	0 28	4 37	1 45	31 37	10 38	20 8	19 53	6 1			n.a.
M20	18 56	18 1	4 0	18 28	0 29	25 53	2 11	25 22	2 50	7 57	1 18	6 49	2 18	23 47	0 28	4 36	1 45	31 36	10 37	20 11	19 54	6 3			n.a.
T 21	19 10	20 8	3 16	19 12	0 39	25 46	2 3	25 24	2 54	7 55	1 17	6 47	2 18	23 47	0 28	4 36	1 45	31 36	10 37	20 13	19 55	6 5			n.a.
W22	19 24	21 20	2 22	19 55	0 48	25 38	1 55	25 27	2 59	7 53	1 17	6 45	2 19	23 47	0 28	4 35	1 45	31 35	10 37	20 14	19 55	6 8			n.a.
T 23	19 37	21 30	1 21	20 36	0 57	25 30	1 46	25 30	3 3	7 52	1 17	6 44	2 19	23 47	0 28	4 35	1 45	31 35	10 37	20 15	19 56	6 10			n.a.
F 24	19 51	20 34	0 14	21 14	1 6	25 21	1 38	25 32	3 8	7 50	1 17	6 42	2 19	23 47	0 28	4 35	1 45	31 35	10 37	20 15	19 57	6 12			n.a.
S 25	20 4	18 32	0n55	21 50	1 14	25 12	1 28	25 35	3 12	7 48	1 16	6 41	2 19	23 47	0 28	4 34	1 45	31 34	10 36	20 15	19 57	6 15			n.a.
S 26	20 16	15 29	2 3	22 23	1 21	25 2	1 19	25 37	3 16	7 47	1 16	6 40	2 20	23 47	0 28	4 34	1 45	31 34	10 36	20 15	19 58	6 17			n.a.
M27	20 29	11 31	3 6	22 54	1 28	24 52	1 9	25 39	3 21	7 45	1 16	6 38	2 20	23 48	0 28	4 33	1 45	31 33	10 36	20 15	19 59	6 19			n.a.
T 28	20 40	6 50	3 59	23 22	1 34	24 41	0 58	25 41	3 25	7 44	1 16	6 37	2 20	23 48	0 28	4 33	1 45	31 33	10 36	20 15	20 0	6 22			n.a.
W29	20 52	1 39	4 39	23 48	1 39	24 31	0 47	25 43	3 29	7 42	1 15	6 36	2 20	23 48	0 28	4 33	1 45	31 32	10 36	20 16	20 0	6 24			n.a.
T 30	21 3	3s44	5 1	24 11	1 44	24 19	0 36	25 45	3 33	7 41	1 15	6 34	2 21	23 48	0 28	4 32	1 45	31 32	10 36	20 17	20 1	6 26			n.a.
F 31	21n14	8s59	5n 4	24n31	1n48	24n 8	0n24	25s46	3s37	7s40	1n15	6s33	2s21	23s48	0s28	4s32	1s46	31n32	10n35	20n19	20n 2	6n29			n.a.

Julian Day Number = 1622195.5, Delta T = 03h46m51s
Ecliptic obliquity = 23°43'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'17, Lahiri = - 7°42'16 Julian Calendar 1 May 272 BCE == Greg. Calendar 27 Apr. 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

JUNE 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 20 42	5♊ 8'31	21♏20	15♊47	28°R27	9°R31	22°R19	19♓ 5	10°R 7	22♓45	26♋18	0°R14	1♌37	29♈12	n.a.	S 1
S 2	16 24 39	6° 5'35	6♐20	17°47	28♊14	9♐15	22♎15	19° 8	10♑ 5	22°46	26°20	0♌ 6	1°33	29°18	n.a.	S 2
M 3	16 28 36	7° 2'40	21° 8	19°45	27°58	8°58	22°12	19°12	10° 3	22°47	26°21	29♋59	1°30	29°25	n.a.	M 3
T 4	16 32 32	7°59'45	5♑34	21°40	27°40	8°41	22° 8	19°15	10° 2	22°47	26°22	29°56	1°27	29°32	n.a.	T 4
W 5	16 36 29	8°56'50	19°35	23°34	27°20	8°23	22° 5	19°18	10° 0	22°48	26°24	29°53	1°24	29°39	n.a.	W 5
T 6	16 40 25	9°53'56	3♒ 7	25°26	26°58	8° 6	22° 2	19°21	9°58	22°49	26°25	29°D53	1°21	29°45	n.a.	T 6
F 7	16 44 22	10°51'02	16°14	27°16	26°33	7°49	21°59	19°24	9°56	22°50	26°27	29°54	1°17	29°52	n.a.	F 7
S 8	16 48 18	11°48'08	28°57	29° 4	26° 7	7°32	21°56	19°27	9°54	22°51	26°28	29°55	1°14	29°59	n.a.	S 8
S 9	16 52 15	12°45'15	11♓20	0♋50	25°39	7°14	21°53	19°30	9°52	22°51	26°30	29°R56	1°11	0♉ 6	n.a.	S 9
M10	16 56 11	13°42'23	23°28	2°34	25° 9	6°57	21°51	19°33	9°50	22°52	26°31	29°55	1° 8	0°12	n.a.	M10
T 11	17 0 8	14°39'31	5♈27	4°16	24°37	6°40	21°49	19°36	9°48	22°53	26°33	29°53	1° 5	0°19	n.a.	T 11
W12	17 4 5	15°36'39	17°20	5°56	24° 4	6°24	21°47	19°38	9°45	22°53	26°34	29°49	1° 2	0°26	n.a.	W12
T 13	17 8 1	16°33'48	29°11	7°34	23°29	6° 7	21°45	19°41	9°43	22°54	26°36	29°43	0°58	0°32	n.a.	T 13
F 14	17 11 58	17°30'58	11♉ 5	9°10	22°54	5°51	21°43	19°43	9°41	22°54	26°37	29°36	0°55	0°39	n.a.	F 14
S 15	17 15 54	18°28'09	23° 4	10°44	22°18	5°35	21°41	19°46	9°39	22°55	26°39	29°28	0°52	0°46	n.a.	S 15
S 16	17 19 51	19°25'20	5♊10	12°16	21°41	5°20	21°40	19°48	9°37	22°55	26°41	29°21	0°49	0°53	n.a.	S 16
M17	17 23 47	20°22'32	17°24	13°46	21° 4	5° 5	21°39	19°50	9°35	22°56	26°42	29°15	0°46	0°59	n.a.	M17
T 18	17 27 44	21°19'45	29°48	15°14	20°27	4°50	21°38	19°52	9°32	22°56	26°44	29°10	0°43	1° 6	n.a.	T 18
W19	17 31 41	22°16'58	12♋23	16°40	19°50	4°36	21°37	19°54	9°30	22°57	26°46	29° 7	0°39	1°13	n.a.	W19
T 20	17 35 37	23°14'11	25°10	18° 4	19°13	4°23	21°36	19°56	9°28	22°57	26°47	29°D 6	0°36	1°19	n.a.	T 20
F 21	17 39 34	24°11'25	8♌ 8	19°26	18°37	4°10	21°36	19°57	9°26	22°58	26°49	29° 6	0°33	1°26	n.a.	F 21
S 22	17 43 30	25° 8'40	21°21	20°46	18° 1	3°58	21°36	19°59	9°23	22°58	26°51	29° 7	0°30	1°33	n.a.	S 22
S 23	17 47 27	26° 5'55	4♍48	22° 3	17°27	3°46	21°D36	20° 0	9°21	22°58	26°52	29° 8	0°27	1°40	n.a.	S 23
M24	17 51 23	27° 3'10	18°30	23°19	16°54	3°35	21°36	20° 2	9°19	22°58	26°54	29°10	0°23	1°46	n.a.	M24
T 25	17 55 20	28° 0'26	2♎29	24°32	16°22	3°25	21°36	20° 3	9°16	22°59	26°56	29°R10	0°20	1°53	n.a.	T 25
W26	17 59 16	28°57'43	16°43	25°42	15°51	3°15	21°37	20° 4	9°14	22°59	26°58	29° 9	0°17	2° 0	n.a.	W26
T 27	18 3 13	29°55'00	1♏11	26°50	15°23	3° 6	21°37	20° 5	9°12	22°59	26°59	29° 6	0°14	2° 7	n.a.	T 27
F 28	18 7 10	0♋52'17	15°48	27°56	14°56	2°58	21°38	20° 6	9° 9	22°59	27° 1	29° 3	0°11	2°13	n.a.	F 28
S 29	18 11 6	1°49'36	0♐29	28°59	14°31	2°51	21°39	20° 7	9° 7	22°59	27° 3	28°59	0° 8	2°20	n.a.	S 29
S 30	18 15 3	2♋46'55	15♐ 7	29♋59	14♊ 9	2♐45	21♎40	20♓ 8	9♑ 5	22♓59	27♋ 5	28♋56	0♌ 4	2♉27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n25	13s44	4n45	24n48	1n51	23n55	0n12	25s47	3s41	7s38	1n15	6s32	2s21	23s48	0s28	4s32	1s46	31n31	10n35	20n21	20n 2	6n31		n.a.
S 2	21 35	17 34	4 7	25 3	1 54	23 43	0s 0	25 49	3 45	7 37	1 14	6 31	2 21	23 49	0 28	4 31	1 46	31 31	10 35	20 22	20 3	6 33		n.a.
M 3	21 45	20 14	3 12	25 15	1 56	23 30	0 13	25 50	3 49	7 36	1 14	6 30	2 22	23 49	0 28	4 31	1 46	31 30	10 35	20 24	20 4	6 36		n.a.
T 4	21 54	21 30	2 7	25 24	1 57	23 17	0 26	25 51	3 53	7 35	1 14	6 29	2 22	23 49	0 28	4 31	1 46	31 30	10 35	20 25	20 5	6 38		n.a.
W 5	22 3	21 22	0 55	25 31	1 57	23 3	0 39	25 52	3 57	7 34	1 13	6 28	2 22	23 49	0 28	4 30	1 46	31 29	10 35	20 25	20 5	6 40		n.a.
T 6	22 12	19 59	0s17	25 36	1 57	22 49	0 53	25 52	4 0	7 33	1 13	6 27	2 23	23 49	0 28	4 30	1 46	31 29	10 34	20 25	20 6	6 43		n.a.
F 7	22 20	17 33	1 27	25 38	1 56	22 35	1 6	25 53	4 4	7 32	1 13	6 26	2 23	23 49	0 28	4 30	1 46	31 28	10 34	20 25	20 7	6 45		n.a.
S 8	22 28	14 19	2 30	25 38	1 55	22 20	1 20	25 53	4 7	7 31	1 13	6 25	2 23	23 50	0 28	4 30	1 46	31 28	10 34	20 25	20 7	6 47		n.a.
S 9	22 36	10 33	3 25	25 36	1 53	22 5	1 34	25 54	4 11	7 31	1 12	6 24	2 23	23 50	0 28	4 29	1 46	31 28	10 34	20 25	20 8	6 50		n.a.
M10	22 43	6 25	4 9	25 32	1 50	21 50	1 48	25 54	4 14	7 30	1 12	6 23	2 24	23 50	0 28	4 29	1 46	31 27	10 34	20 25	20 9	6 52		n.a.
T 11	22 50	2 6	4 41	25 26	1 47	21 34	2 3	25 54	4 17	7 29	1 12	6 22	2 24	23 50	0 29	4 29	1 46	31 27	10 34	20 25	20 9	6 54		n.a.
W12	22 56	2n15	5 1	25 19	1 43	21 19	2 17	25 54	4 20	7 29	1 12	6 21	2 24	23 50	0 29	4 29	1 46	31 26	10 34	20 26	20 10	6 57		n.a.
T 13	23 2	6 31	5 8	25 9	1 39	21 3	2 31	25 54	4 23	7 28	1 11	6 21	2 25	23 50	0 29	4 29	1 46	31 26	10 33	20 27	20 11	6 59		n.a.
F 14	23 8	10 33	5 2	24 58	1 34	20 47	2 45	25 53	4 25	7 28	1 11	6 20	2 25	23 51	0 29	4 28	1 46	31 25	10 33	20 29	20 12	7 1		n.a.
S 15	23 13	14 12	4 43	24 46	1 29	20 32	2 59	25 53	4 28	7 28	1 11	6 19	2 25	23 51	0 29	4 28	1 47	31 25	10 33	20 30	20 12	7 4		n.a.
S 16	23 18	17 18	4 11	24 32	1 23	20 16	3 12	25 52	4 30	7 27	1 10	6 19	2 25	23 51	0 29	4 28	1 47	31 24	10 33	20 32	20 13	7 6		n.a.
M17	23 22	19 41	3 27	24 17	1 17	20 1	3 25	25 52	4 32	7 27	1 10	6 18	2 26	23 51	0 29	4 28	1 47	31 24	10 33	20 33	20 14	7 8		n.a.
T 18	23 26	21 11	2 32	24 0	1 10	19 45	3 38	25 51	4 35	7 27	1 10	6 18	2 26	23 51	0 29	4 28	1 47	31 24	10 33	20 34	20 14	7 11		n.a.
W19	23 30	21 39	1 30	23 43	1 3	19 30	3 50	25 51	4 37	7 27	1 9	6 17	2 26	23 51	0 29	4 28	1 47	31 23	10 33	20 35	20 15	7 13		n.a.
T 20	23 33	21 0	0 21	23 24	0 55	19 15	4 2	25 50	4 38	7 27	1 9	6 17	2 27	23 52	0 29	4 28	1 47	31 23	10 33	20 35	20 16	7 15		n.a.
F 21	23 36	19 14	0n49	23 4	0 47	19 1	4 14	25 49	4 40	7 27	1 9	6 16	2 27	23 52	0 29	4 28	1 47	31 22	10 33	20 35	20 16	7 18		n.a.
S 22	23 38	16 25	1 58	22 44	0 39	18 47	4 25	25 48	4 42	7 27	1 9	6 16	2 27	23 52	0 29	4 28	1 47	31 22	10 33	20 35	20 17	7 20		n.a.
S 23	23 40	12 42	3 3	22 23	0 30	18 33	4 35	25 47	4 43	7 28	1 8	6 15	2 27	23 52	0 29	4 28	1 47	31 21	10 32	20 35	20 18	7 22		n.a.
M24	23 42	8 14	3 58	22 1	0 21	18 21	4 45	25 47	4 45	7 28	1 8	6 15	2 28	23 52	0 29	4 27	1 47	31 21	10 32	20 34	20 19	7 25		n.a.
T 25	23 43	3 16	4 40	21 39	0 11	18 8	4 54	25 46	4 46	7 28	1 8	6 15	2 28	23 53	0 29	4 27	1 47	31 20	10 32	20 34	20 19	7 27		n.a.
W26	23 43	1s57	5 5	21 17	0 1	17 57	5 3	25 45	4 47	7 29	1 7	6 15	2 28	23 53	0 29	4 27	1 47	31 20	10 32	20 34	20 20	7 29		n.a.
T 27	23 44	7 9	5 13	20 53	0s 9	17 46	5 11	25 44	4 48	7 29	1 7	6 15	2 29	23 53	0 29	4 27	1 47	31 20	10 32	20 35	20 21	7 31		n.a.
F 28	23 43	11 59	5 0	20 30	0 20	17 36	5 18	25 43	4 49	7 30	1 7	6 14	2 29	23 53	0 29	4 27	1 47	31 19	10 32	20 36	20 21	7 34		n.a.
S 29	23 43	16 9	4 27	20 7	0 30	17 27	5 25	25 43	4 50	7 31	1 7	6 14	2 29	23 53	0 29	4 28	1 47	31 19	10 32	20 36	20 22	7 36		n.a.
S 30	23n42	19s17	3n37	19n43	0s42	17n18	5s31	25s42	4s50	7s31	1n 6	6s14	2s29	23s53	0s29	4s28	1s47	31n18	10n32	20n37	20n23	7n38		n.a.

Julian Day Number = 1622226.5, Delta T = 03h46m50s
Ecliptic obliquity = 23°43'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'13, Lahiri = - 7°42'12 Julian Calendar 1 June 272 BCE == Greg. Calendar 28 May 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

JULY 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 18 59	3♋44'15	29♐35	0♌57	13°R49	2°R39	21♎42	20♓ 9	9°R 2	22°R59	27♋ 7	28°R53	0♌ 1	2♉33	n.a.	M 1
T 2	18 22 56	4°41'37	13♑47	1°51	13♊30	2♐34	21°43	20° 9	9♑ 0	22♓59	27° 8	28♋51	29♋58	2°40	n.a.	T 2
W 3	18 26 52	5°38'59	27°39	2°43	13°15	2°30	21°45	20°10	8°57	22°59	27°10	28°D50	29°55	2°47	n.a.	W 3
T 4	18 30 49	6°36'22	11♒ 9	3°31	13° 1	2°27	21°47	20°10	8°55	22°59	27°12	28°51	29°52	2°54	n.a.	T 4
F 5	18 34 45	7°33'47	24°15	4°15	12°50	2°24	21°49	20°10	8°53	22°59	27°14	28°52	29°49	3° 0	n.a.	F 5
S 6	18 38 42	8°31'13	7♓ 0	4°56	12°42	2°22	21°51	20°11	8°50	22°59	27°16	28°53	29°45	3° 7	n.a.	S 6
S 7	18 42 39	9°28'40	19°25	5°34	12°36	2°22	21°54	20°R11	8°48	22°58	27°18	28°55	29°42	3°14	n.a.	S 7
M 8	18 46 35	10°26'09	1♈36	6° 7	12°32	2°D22	21°56	20°11	8°45	22°58	27°20	28°56	29°39	3°21	n.a.	M 8
T 9	18 50 32	11°23'39	13°37	6°36	12°D30	2°22	21°59	20°10	8°43	22°58	27°22	28°R56	29°36	3°27	n.a.	T 9
W10	18 54 28	12°21'11	25°31	7° 1	12°31	2°24	22° 2	20°10	8°41	22°58	27°23	28°55	29°33	3°34	n.a.	W10
T 11	18 58 25	13°18'44	7♉24	7°22	12°35	2°26	22° 5	20°10	8°38	22°57	27°25	28°54	29°29	3°41	n.a.	T 11
F 12	19 2 21	14°16'19	19°20	7°37	12°40	2°30	22° 9	20° 9	8°36	22°57	27°27	28°52	29°26	3°47	n.a.	F 12
S 13	19 6 18	15°13'55	1♊22	7°48	12°48	2°34	22°12	20° 9	8°33	22°57	27°29	28°50	29°23	3°54	n.a.	S 13
S 14	19 10 14	16°11'33	13°35	7°53	12°58	2°39	22°16	20° 8	8°31	22°56	27°31	28°49	29°20	4° 1	n.a.	S 14
M15	19 14 11	17° 9'13	25°59	7°R53	13° 9	2°44	22°20	20° 7	8°29	22°56	27°33	28°47	29°17	4° 8	n.a.	M15
T 16	19 18 8	18° 6'54	8♋38	7°48	13°23	2°51	22°24	20° 6	8°26	22°55	27°35	28°46	29°14	4°14	n.a.	T 16
W17	19 22 4	19° 4'37	21°31	7°37	13°39	2°58	22°28	20° 5	8°24	22°55	27°37	28°45	29°10	4°21	n.a.	W17
T 18	19 26 1	20° 2'21	4♌39	7°20	13°57	3° 6	22°32	20° 4	8°22	22°54	27°39	28°D45	29° 7	4°28	n.a.	T 18
F 19	19 29 57	21° 0'06	18° 1	6°57	14°17	3°15	22°36	20° 3	8°19	22°54	27°41	28°46	29° 4	4°35	n.a.	F 19
S 20	19 33 54	21°57'53	1♍36	6°30	14°38	3°25	22°41	20° 2	8°17	22°53	27°43	28°46	29° 1	4°41	n.a.	S 20
S 21	19 37 50	22°55'41	15°23	5°56	15° 2	3°35	22°46	20° 0	8°15	22°52	27°45	28°47	28°58	4°48	n.a.	S 21
M22	19 41 47	23°53'30	29°20	5°18	15°26	3°46	22°51	19°59	8°12	22°52	27°47	28°47	28°55	4°55	n.a.	M22
T 23	19 45 43	24°51'21	13♎25	4°35	15°53	3°58	22°56	19°57	8°10	22°51	27°49	28°48	28°51	5° 1	n.a.	T 23
W24	19 49 40	25°49'13	27°37	3°48	16°21	4°11	23° 1	19°55	8° 8	22°50	27°51	28°R48	28°48	5° 8	n.a.	W24
T 25	19 53 37	26°47'06	11♏52	2°57	16°50	4°24	23° 7	19°54	8° 6	22°50	27°53	28°48	28°45	5°15	n.a.	T 25
F 26	19 57 33	27°45'01	26° 9	2° 4	17°21	4°38	23°12	19°52	8° 3	22°49	27°55	28°47	28°42	5°22	n.a.	F 26
S 27	20 1 30	28°42'57	10♐25	1° 9	17°54	4°53	23°18	19°50	8° 1	22°48	27°57	28°D47	28°39	5°28	n.a.	S 27
S 28	20 5 26	29°40'55	24°34	0°14	18°28	5° 8	23°24	19°48	7°59	22°47	27°59	28°47	28°35	5°35	n.a.	S 28
M29	20 9 23	0♌38'54	8♑35	29♋19	19° 3	5°24	23°30	19°45	7°57	22°46	28° 1	28°48	28°32	5°42	n.a.	M29
T 30	20 13 19	1°36'55	22°24	28°27	19°39	5°41	23°36	19°43	7°55	22°45	28° 2	28°R48	28°29	5°48	n.a.	T 30
W31	20 17 16	2♌34'58	5♒58	27♋37	20♊17	5♐58	23♎43	19♓41	7♑53	22♓45	28♋ 4	28♋48	28♋26	5♉55	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n40	21s10	2n34	19n20	0s53	17n10	5s36	25s41	4s51	7s32	1n 6	6s14	2s30	23s54	0s29	4s28	1s48	31n18	10n32	20n38	20n23	7n41			n.a.
T 2	23 39	21 39	1 22	18 56	1 4	17 3	5 41	25 41	4 51	7 33	1 6	6 14	2 30	23 54	0 29	4 28	1 48	31 17	10 32	20 38	20 24	7 43			n.a.
W 3	23 36	20 46	0 7	18 33	1 16	16 57	5 45	25 40	4 52	7 34	1 5	6 14	2 30	23 54	0 29	4 28	1 48	31 17	10 32	20 38	20 25	7 45			n.a.
T 4	23 34	18 43	1s 7	18 11	1 28	16 52	5 48	25 40	4 52	7 35	1 5	6 15	2 31	23 54	0 29	4 28	1 48	31 17	10 32	20 38	20 25	7 48			n.a.
F 5	23 30	15 43	2 15	17 48	1 40	16 48	5 51	25 39	4 52	7 36	1 5	6 15	2 31	23 54	0 29	4 28	1 48	31 16	10 32	20 38	20 26	7 50			n.a.
S 6	23 27	12 3	3 15	17 27	1 52	16 45	5 54	25 39	4 52	7 37	1 5	6 15	2 31	23 54	0 29	4 28	1 48	31 16	10 32	20 38	20 27	7 52			n.a.
S 7	23 23	7 58	4 4	17 6	2 5	16 42	5 56	25 39	4 52	7 38	1 4	6 15	2 32	23 55	0 29	4 28	1 48	31 15	10 32	20 37	20 27	7 55			n.a.
M 8	23 19	3 38	4 40	16 45	2 17	16 40	5 57	25 39	4 52	7 39	1 4	6 16	2 32	23 55	0 29	4 28	1 48	31 15	10 32	20 37	20 28	7 57			n.a.
T 9	23 14	0n46	5 4	16 26	2 29	16 39	5 58	25 39	4 51	7 41	1 4	6 16	2 32	23 55	0 29	4 29	1 48	31 14	10 32	20 37	20 29	7 59			n.a.
W10	23 9	5 6	5 15	16 8	2 41	16 39	5 59	25 39	4 51	7 42	1 3	6 16	2 32	23 55	0 29	4 29	1 48	31 14	10 32	20 37	20 29	8 2			n.a.
T 11	23 3	9 14	5 12	15 51	2 54	16 39	5 59	25 39	4 51	7 44	1 3	6 17	2 33	23 55	0 29	4 29	1 48	31 14	10 32	20 38	20 30	8 4			n.a.
F 12	22 57	13 2	4 56	15 36	3 5	16 40	5 58	25 39	4 50	7 45	1 3	6 17	2 33	23 55	0 29	4 29	1 48	31 13	10 32	20 38	20 31	8 6			n.a.
S 13	22 51	16 20	4 26	15 22	3 17	16 42	5 58	25 39	4 50	7 47	1 3	6 18	2 33	23 56	0 29	4 29	1 48	31 13	10 32	20 38	20 31	8 9			n.a.
S 14	22 44	18 59	3 44	15 10	3 28	16 44	5 56	25 39	4 49	7 48	1 2	6 18	2 34	23 56	0 29	4 30	1 48	31 12	10 32	20 39	20 32	8 11			n.a.
M15	22 37	20 49	2 51	14 59	3 39	16 47	5 55	25 40	4 48	7 50	1 2	6 19	2 34	23 56	0 29	4 30	1 48	31 12	10 32	20 39	20 33	8 13			n.a.
T 16	22 29	21 38	1 49	14 51	3 49	16 50	5 53	25 40	4 48	7 52	1 2	6 19	2 34	23 56	0 29	4 30	1 49	31 12	10 32	20 39	20 33	8 16			n.a.
W17	22 21	21 20	0 40	14 44	3 59	16 54	5 51	25 41	4 47	7 54	1 2	6 20	2 34	23 56	0 29	4 30	1 49	31 11	10 32	20 39	20 34	8 18			n.a.
T 18	22 13	19 51	0n33	14 40	4 7	16 59	5 49	25 42	4 46	7 55	1 1	6 21	2 35	23 56	0 29	4 31	1 49	31 11	10 32	20 39	20 35	8 20			n.a.
F 19	22 4	17 16	1 45	14 38	4 15	17 4	5 46	25 43	4 45	7 57	1 1	6 21	2 35	23 57	0 29	4 31	1 49	31 10	10 32	20 39	20 35	8 23			n.a.
S 20	21 55	13 42	2 52	14 39	4 22	17 9	5 43	25 44	4 44	7 59	1 1	6 22	2 35	23 57	0 29	4 31	1 49	31 10	10 32	20 39	20 36	8 25			n.a.
S 21	21 45	9 22	3 51	14 42	4 27	17 15	5 40	25 45	4 43	8 1	1 0	6 23	2 36	23 57	0 29	4 31	1 49	31 10	10 32	20 39	20 37	8 27			n.a.
M22	21 35	4 29	4 36	14 48	4 31	17 21	5 37	25 46	4 42	8 4	1 0	6 24	2 36	23 57	0 29	4 32	1 49	31 9	10 32	20 39	20 37	8 30			n.a.
T 23	21 25	0s40	5 6	14 56	4 33	17 27	5 33	25 47	4 40	8 6	1 0	6 25	2 36	23 57	0 29	4 32	1 49	31 9	10 32	20 39	20 38	8 32			n.a.
W24	21 14	5 49	5 17	15 6	4 34	17 33	5 29	25 48	4 39	8 8	1 0	6 26	2 36	23 57	0 29	4 32	1 49	31 9	10 32	20 39	20 39	8 34			n.a.
T 25	21 3	10 41	5 9	15 19	4 33	17 40	5 25	25 50	4 38	8 10	0 59	6 27	2 37	23 57	0 29	4 33	1 49	31 8	10 32	20 39	20 39	8 37			n.a.
F 26	20 52	14 58	4 42	15 34	4 30	17 47	5 21	25 51	4 37	8 13	0 59	6 28	2 37	23 58	0 29	4 33	1 49	31 8	10 32	20 39	20 40	8 39			n.a.
S 27	20 40	18 22	3 57	15 50	4 25	17 54	5 17	25 52	4 35	8 15	0 59	6 29	2 37	23 58	0 29	4 33	1 49	31 7	10 32	20 39	20 41	8 41			n.a.
S 28	20 28	20 38	2 59	16 9	4 18	18 2	5 13	25 54	4 34	8 17	0 59	6 30	2 38	23 58	0 29	4 34	1 49	31 7	10 32	20 39	20 41	8 44			n.a.
M29	20 15	21 37	1 50	16 29	4 9	18 9	5 8	25 56	4 33	8 20	0 58	6 31	2 38	23 58	0 29	4 34	1 49	31 7	10 32	20 39	20 42	8 46			n.a.
T 30	20 2	21 15	0 35	16 50	3 58	18 17	5 3	25 57	4 31	8 22	0 58	6 32	2 38	23 58	0 29	4 35	1 49	31 6	10 33	20 39	20 43	8 48			n.a.
W31	19n49	19s39	0s40	17n12	3s46	18n24	4s58	25s59	4s30	8s25	0n58	6s33	2s38	23s58	0s29	4s35	1s49	31n 6	10n33	20n39	20n43	8n51			n.a.

Julian Day Number = 1622256.5, Delta T = 03h46m49s
Ecliptic obliquity = 23°43'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'09, Lahiri = - 7°42'08 Julian Calendar 1 July 272 BCE == Greg. Calendar 27 June 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

AUGUST 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 21 12	3♌33'02	19♒15	26°R51	20♊55	6♐16	23♎49	19°R38	7°R51	22°R44	28♋ 6	28°R47	28♋23	6♉ 2	n.a.	T 1
F 2	20 25 9	4°31'08	2♓13	26♋10	21°35	6°35	23°56	19♓36	7♑48	22♓43	28° 8	28♋47	28°20	6° 9	n.a.	F 2
S 3	20 29 6	5°29'16	14°54	25°35	22°16	6°54	24° 3	19°33	7°46	22°42	28°10	28°46	28°16	6°15	n.a.	S 3
S 4	20 33 2	6°27'27	27°19	25° 8	22°58	7°14	24°10	19°30	7°44	22°41	28°12	28°45	28°13	6°22	n.a.	S 4
M 5	20 36 59	7°25'39	9♈31	24°48	23°41	7°34	24°17	19°27	7°42	22°40	28°14	28°44	28°10	6°29	n.a.	M 5
T 6	20 40 55	8°23'53	21°32	24°36	24°26	7°55	24°24	19°24	7°40	22°38	28°16	28°43	28° 7	6°36	n.a.	T 6
W 7	20 44 52	9°22'09	3♉27	24°D33	25°11	8°16	24°31	19°21	7°38	22°37	28°18	28°43	28° 4	6°42	n.a.	W 7
T 8	20 48 48	10°20'28	15°20	24°38	25°56	8°38	24°39	19°18	7°37	22°36	28°20	28°D43	28° 1	6°49	n.a.	T 8
F 9	20 52 45	11°18'49	27°16	24°53	26°43	9° 0	24°46	19°15	7°35	22°35	28°22	28°43	27°57	6°56	n.a.	F 9
S 10	20 56 41	12°17'12	9♊19	25°16	27°31	9°23	24°54	19°12	7°33	22°34	28°24	28°44	27°54	7° 2	n.a.	S 10
S 11	21 0 38	13°15'37	21°34	25°49	28°19	9°47	25° 2	19° 9	7°31	22°33	28°26	28°46	27°51	7° 9	n.a.	S 11
M12	21 4 35	14°14'05	4♋ 5	26°29	29° 9	10°11	25°10	19° 5	7°29	22°31	28°28	28°47	27°48	7°16	n.a.	M12
T 13	21 8 31	15°12'35	16°54	27°18	29°59	10°35	25°18	19° 2	7°28	22°30	28°30	28°48	27°45	7°23	n.a.	T 13
W14	21 12 28	16°11'07	0♌ 3	28°15	0♋49	11° 0	25°26	18°58	7°26	22°29	28°32	28°R48	27°41	7°29	n.a.	W14
T 15	21 16 24	17° 9'40	13°32	29°19	1°41	11°26	25°35	18°54	7°24	22°28	28°33	28°48	27°38	7°36	n.a.	T 15
F 16	21 20 21	18° 8'16	27°19	0♌30	2°33	11°51	25°43	18°51	7°23	22°26	28°35	28°46	27°35	7°43	n.a.	F 16
S 17	21 24 17	19° 6'54	11♍22	1°47	3°26	12°18	25°52	18°47	7°21	22°25	28°37	28°44	27°32	7°49	n.a.	S 17
S 18	21 28 14	20° 5'34	25°37	3° 9	4°19	12°44	26° 1	18°43	7°19	22°24	28°39	28°41	27°29	7°56	n.a.	S 18
M19	21 32 10	21° 4'16	9♎58	4°37	5°13	13°12	26°10	18°39	7°18	22°22	28°41	28°38	27°26	8° 3	n.a.	M19
T 20	21 36 7	22° 2'59	24°20	6° 9	6° 7	13°39	26°19	18°35	7°16	22°21	28°43	28°35	27°22	8°10	n.a.	T 20
W21	21 40 3	23° 1'45	8♏41	7°44	7° 3	14° 7	26°28	18°31	7°15	22°20	28°45	28°34	27°19	8°16	n.a.	W21
T 22	21 44 0	24° 0'32	22°55	9°23	7°58	14°35	26°37	18°27	7°13	22°18	28°46	28°D33	27°16	8°23	n.a.	T 22
F 23	21 47 57	24°59'21	7♐ 1	11° 4	8°55	15° 4	26°46	18°23	7°12	22°17	28°48	28°33	27°13	8°30	n.a.	F 23
S 24	21 51 53	25°58'12	20°57	12°48	9°51	15°33	26°56	18°19	7°11	22°15	28°50	28°35	27°10	8°37	n.a.	S 24
S 25	21 55 50	26°57'04	4♑42	14°34	10°49	16° 3	27° 5	18°14	7° 9	22°14	28°52	28°36	27° 6	8°43	n.a.	S 25
M26	21 59 46	27°55'59	18°16	16°20	11°46	16°33	27°15	18°10	7° 8	22°12	28°54	28°37	27° 3	8°50	n.a.	M26
T 27	22 3 43	28°54'55	1♒39	18° 8	12°45	17° 3	27°25	18° 6	7° 7	22°11	28°55	28°R38	27° 0	8°57	n.a.	T 27
W28	22 7 39	29°53'54	14°49	19°57	13°43	17°33	27°34	18° 1	7° 6	22° 9	28°57	28°37	26°57	9° 3	n.a.	W28
T 29	22 11 36	0♍52'54	27°47	21°45	14°42	18° 4	27°44	17°57	7° 5	22° 8	28°59	28°34	26°54	9°10	n.a.	T 29
F 30	22 15 32	1°51'57	10♓31	23°34	15°42	18°35	27°54	17°52	7° 4	22° 6	29° 1	28°30	26°51	9°17	n.a.	F 30
S 31	22 19 29	2♍51'02	23♓ 3	25♌23	16♋42	19♐ 7	28♎ 5	17♓48	7♑ 3	22♓ 5	29♋ 2	28♋24	26♋47	9♉24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n36	16s59	1s51	17n35	3s32	18n32	4s54	26s 1	4s28	8s28	0n58	6s35	2s39	23s58	0s29	4s36	1s49	31n 6	10n33	20n39	20n44	8n53			n.a.
F 2	19 22	13 31	2 55	17 57	3 16	18 39	4 48	26 3	4 27	8 30	0 57	6 36	2 39	23 58	0 29	4 36	1 49	31 5	10 33	20 39	20 45	8 55			n.a.
S 3	19 7	9 31	3 49	18 20	3 0	18 47	4 43	26 5	4 25	8 33	0 57	6 37	2 39	23 59	0 29	4 36	1 50	31 5	10 33	20 39	20 45	8 57			n.a.
S 4	18 53	5 12	4 30	18 42	2 43	18 55	4 38	26 6	4 24	8 36	0 57	6 38	2 39	23 59	0 29	4 37	1 50	31 5	10 33	20 39	20 46	9 0			n.a.
M 5	18 38	0 46	4 59	19 3	2 25	19 2	4 33	26 8	4 22	8 39	0 57	6 40	2 40	23 59	0 29	4 37	1 50	31 4	10 33	20 40	20 47	9 2			n.a.
T 6	18 23	3n39	5 14	19 23	2 7	19 9	4 27	26 10	4 20	8 42	0 56	6 41	2 40	23 59	0 29	4 38	1 50	31 4	10 33	20 40	20 47	9 4			n.a.
W 7	18 7	7 52	5 15	19 42	1 48	19 16	4 22	26 12	4 19	8 45	0 56	6 43	2 40	23 59	0 29	4 38	1 50	31 4	10 33	20 40	20 48	9 7			n.a.
T 8	17 52	11 48	5 3	19 59	1 30	19 23	4 16	26 14	4 17	8 48	0 56	6 44	2 40	23 59	0 29	4 39	1 50	31 4	10 34	20 40	20 49	9 9			n.a.
F 9	17 35	15 16	4 38	20 14	1 11	19 30	4 11	26 16	4 16	8 51	0 56	6 45	2 40	23 59	0 29	4 39	1 50	31 3	10 34	20 40	20 49	9 11			n.a.
S 10	17 19	18 9	4 1	20 28	0 53	19 37	4 5	26 18	4 14	8 54	0 55	6 47	2 41	23 59	0 29	4 40	1 50	31 3	10 34	20 40	20 50	9 14			n.a.
S 11	17 2	20 16	3 11	20 39	0 36	19 43	4 0	26 20	4 12	8 57	0 55	6 48	2 41	23 59	0 29	4 40	1 50	31 3	10 34	20 39	20 50	9 16			n.a.
M12	16 45	21 28	2 12	20 47	0 20	19 50	3 54	26 22	4 10	9 0	0 55	6 50	2 41	24 0	0 29	4 41	1 50	31 2	10 34	20 39	20 51	9 18			n.a.
T 13	16 28	21 34	1 5	20 53	0 4	19 56	3 48	26 24	4 9	9 3	0 55	6 52	2 41	24 0	0 29	4 41	1 50	31 2	10 34	20 39	20 52	9 21			n.a.
W14	16 11	20 30	0n 7	20 57	0n11	20 1	3 42	26 26	4 7	9 7	0 54	6 53	2 41	24 0	0 29	4 42	1 50	31 2	10 34	20 39	20 52	9 23			n.a.
T 15	15 53	18 15	1 20	20 57	0 25	20 7	3 36	26 28	4 5	9 10	0 54	6 55	2 42	24 0	0 29	4 42	1 50	31 2	10 35	20 39	20 53	9 25			n.a.
F 16	15 35	14 54	2 31	20 54	0 38	20 12	3 31	26 30	4 3	9 13	0 54	6 56	2 42	24 0	0 29	4 43	1 50	31 1	10 35	20 39	20 54	9 28			n.a.
S 17	15 16	10 40	3 33	20 49	0 50	20 16	3 25	26 32	4 2	9 17	0 54	6 58	2 42	24 0	0 29	4 44	1 50	31 1	10 35	20 40	20 54	9 30			n.a.
S 18	14 58	5 47	4 24	20 40	1 1	20 21	3 19	26 34	4 0	9 20	0 54	7 0	2 42	24 0	0 29	4 44	1 50	31 1	10 35	20 40	20 55	9 32			n.a.
M19	14 39	0 34	4 58	20 29	1 10	20 25	3 13	26 35	3 58	9 23	0 53	7 2	2 42	24 0	0 29	4 45	1 50	31 1	10 35	20 41	20 56	9 34			n.a.
T 20	14 20	4s42	5 13	20 14	1 19	20 28	3 7	26 37	3 56	9 27	0 53	7 3	2 43	24 0	0 29	4 45	1 50	31 0	10 35	20 41	20 56	9 37			n.a.
W21	14 0	9 41	5 9	19 57	1 26	20 31	3 1	26 39	3 54	9 30	0 53	7 5	2 43	24 0	0 29	4 46	1 50	31 0	10 36	20 42	20 57	9 39			n.a.
T 22	13 41	14 6	4 46	19 37	1 33	20 34	2 55	26 40	3 53	9 34	0 53	7 7	2 43	24 0	0 29	4 47	1 50	31 0	10 36	20 42	20 57	9 41			n.a.
F 23	13 21	17 42	4 6	19 14	1 38	20 37	2 49	26 42	3 51	9 38	0 53	7 9	2 43	24 0	0 29	4 47	1 50	31 0	10 36	20 42	20 58	9 44			n.a.
S 24	13 1	20 13	3 12	18 49	1 43	20 38	2 43	26 44	3 49	9 41	0 52	7 10	2 43	24 0	0 29	4 48	1 50	31 0	10 36	20 42	20 59	9 46			n.a.
S 25	12 41	21 31	2 7	18 21	1 46	20 40	2 37	26 45	3 47	9 45	0 52	7 12	2 43	24 0	0 29	4 48	1 50	30 59	10 37	20 41	20 59	9 48			n.a.
M26	12 20	21 32	0 56	17 51	1 49	20 41	2 32	26 46	3 45	9 49	0 52	7 14	2 44	24 1	0 29	4 49	1 51	30 59	10 37	20 41	21 0	9 51			n.a.
T 27	11 59	20 18	0s17	17 20	1 51	20 41	2 26	26 48	3 43	9 52	0 52	7 16	2 44	24 1	0 29	4 50	1 51	30 59	10 37	20 41	21 1	9 53			n.a.
W28	11 39	17 58	1 27	16 46	1 52	20 42	2 20	26 49	3 42	9 56	0 51	7 18	2 44	24 1	0 29	4 50	1 51	30 59	10 37	20 41	21 1	9 55			n.a.
T 29	11 17	14 46	2 32	16 11	1 52	20 41	2 14	26 50	3 40	10 0	0 51	7 20	2 44	24 1	0 29	4 51	1 51	30 59	10 37	20 42	21 2	9 57			n.a.
F 30	10 56	10 55	3 29	15 34	1 51	20 40	2 8	26 51	3 38	10 4	0 51	7 22	2 44	24 1	0 29	4 52	1 51	30 59	10 38	20 43	21 2	10 0			n.a.
S 31	10n35	6s40	4s14	14n56	1n50	20n39	2s 2	26s52	3s36	10s 8	0n51	7s24	2s44	24s 1	0s29	4s52	1s51	30n58	10n38	20n44	21n 3	10n 2			n.a.

Julian Day Number = 1622287.5, Delta T = 03h46m48s
Ecliptic obliquity = 23°43'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'04, Lahiri = - 7°42'04 Julian Calendar 1 Aug. 272 BCE == Greg. Calendar 28 July 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

SEPTEMBER 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 23 26	3♍50'09	5♈22	27♌12	17♋43	19♐39	28♎15	17°R43	7°R 2	22°R 3	29♋ 4	28°R18	26♋44	9♉30	n.a.	S 1
M 2	22 27 22	4°49'18	17°30	29° 1	18°43	20°11	28°25	17♓39	7♑ 1	22♓ 1	29° 6	28♋11	26°41	9°37	n.a.	M 2
T 3	22 31 19	5°48'30	29°30	0♍49	19°45	20°43	28°36	17°34	7° 0	22° 0	29° 7	28° 5	26°38	9°44	n.a.	T 3
W 4	22 35 15	6°47'44	11♉23	2°37	20°46	21°16	28°46	17°29	6°59	21°58	29° 9	28° 1	26°35	9°50	n.a.	W 4
T 5	22 39 12	7°47'00	23°15	4°24	21°48	21°48	28°57	17°25	6°58	21°57	29°11	27°58	26°32	9°57	n.a.	T 5
F 6	22 43 8	8°46'19	5♊ 9	6°10	22°51	22°22	29° 8	17°20	6°57	21°55	29°12	27°D56	26°28	10° 4	n.a.	F 6
S 7	22 47 5	9°45'40	17°10	7°56	23°53	22°55	29°19	17°15	6°57	21°53	29°14	27°57	26°25	10°11	n.a.	S 7
S 8	22 51 1	10°45'04	29°23	9°41	24°56	23°29	29°29	17°10	6°56	21°52	29°15	27°58	26°22	10°17	n.a.	S 8
M 9	22 54 58	11°44'30	11♋54	11°26	26° 0	24° 3	29°40	17° 6	6°56	21°50	29°17	27°59	26°19	10°24	n.a.	M 9
T 10	22 58 54	12°43'59	24°45	13° 9	27° 4	24°37	29°52	17° 1	6°55	21°48	29°18	28°R 0	26°16	10°31	n.a.	T 10
W11	23 2 51	13°43'30	8♌ 2	14°52	28° 8	25°11	0♏ 3	16°56	6°54	21°47	29°20	28° 0	26°12	10°38	n.a.	W11
T 12	23 6 48	14°43'03	21°43	16°34	29°12	25°46	0°14	16°51	6°54	21°45	29°21	27°58	26° 9	10°44	n.a.	T 12
F 13	23 10 44	15°42'39	5♍50	18°16	0♌17	26°21	0°25	16°46	6°54	21°43	29°23	27°53	26° 6	10°51	n.a.	F 13
S 14	23 14 41	16°42'16	20°18	19°57	1°21	26°56	0°37	16°42	6°53	21°42	29°24	27°46	26° 3	10°58	n.a.	S 14
S 15	23 18 37	17°41'56	5♎ 0	21°37	2°27	27°31	0°48	16°37	6°53	21°40	29°26	27°39	26° 0	11° 4	n.a.	S 15
M16	23 22 34	18°41'38	19°50	23°16	3°32	28° 7	1° 0	16°32	6°53	21°38	29°27	27°31	25°57	11°11	n.a.	M16
T 17	23 26 30	19°41'21	4♏38	24°55	4°38	28°43	1°11	16°27	6°52	21°37	29°29	27°23	25°53	11°18	n.a.	T 17
W18	23 30 27	20°41'07	19°17	26°33	5°44	29°18	1°23	16°22	6°52	21°35	29°30	27°17	25°50	11°25	n.a.	W18
T 19	23 34 23	21°40'55	3♐41	28°11	6°50	29°55	1°35	16°17	6°52	21°33	29°31	27°14	25°47	11°31	n.a.	T 19
F 20	23 38 20	22°40'44	17°49	29°48	7°56	0♑31	1°47	16°13	6°52	21°32	29°33	27°D12	25°44	11°38	n.a.	F 20
S 21	23 42 17	23°40'35	1♑38	1♎24	9° 3	1° 8	1°59	16° 8	6°D52	21°30	29°34	27°12	25°41	11°45	n.a.	S 21
S 22	23 46 13	24°40'28	15° 9	3° 0	10°10	1°44	2°11	16° 3	6°52	21°28	29°35	27°13	25°38	11°51	n.a.	S 22
M23	23 50 10	25°40'23	28°24	4°35	11°17	2°21	2°23	15°59	6°52	21°27	29°36	27°R14	25°34	11°58	n.a.	M23
T 24	23 54 6	26°40'19	11♒25	6° 9	12°24	2°58	2°35	15°54	6°52	21°25	29°38	27°13	25°31	12° 5	n.a.	T 24
W25	23 58 3	27°40'17	24°13	7°43	13°32	3°35	2°47	15°49	6°53	21°23	29°39	27° 9	25°28	12°12	n.a.	W25
T 26	0 1 59	28°40'17	6♓51	9°17	14°40	4°13	2°59	15°45	6°53	21°22	29°40	27° 3	25°25	12°18	n.a.	T 26
F 27	0 5 56	29°40'19	19°19	10°49	15°48	4°50	3°12	15°40	6°53	21°20	29°41	26°55	25°22	12°25	n.a.	F 27
S 28	0 9 52	0♎40'23	1♈38	12°22	16°56	5°28	3°24	15°35	6°54	21°18	29°42	26°44	25°18	12°32	n.a.	S 28
S 29	0 13 49	1°40'29	13°48	13°54	18° 4	6° 6	3°37	15°31	6°54	21°17	29°43	26°31	25°15	12°38	n.a.	S 29
M30	0 17 45	2♎40'36	25♈51	15♎25	19♌13	6♑44	3♏49	15♓26	6♑54	21♓15	29♋45	26♋19	25♋12	12♉45	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n13	2s13	4s46	14n17	1n49	20n37	1s56	26s53	3s34	10s11	0n51	7s25	2s44	24s 1	0s29	4s53	1s51	30n58	10n38	20n45	21n 4	10n 4		n.a.
M 2	9 51	2n16	5 5	13 37	1 47	20 34	1 51	26 53	3 32	10 15	0 51	7 27	2 44	24 1	0 29	4 54	1 51	30 58	10 38	20 46	21 4	10 7		n.a.
T 3	9 29	6 36	5 10	12 56	1 44	20 31	1 45	26 54	3 30	10 19	0 50	7 29	2 44	24 1	0 29	4 54	1 51	30 58	10 39	20 48	21 5	10 9		n.a.
W 4	9 7	10 39	5 2	12 14	1 41	20 28	1 39	26 54	3 29	10 23	0 50	7 31	2 45	24 1	0 29	4 55	1 51	30 58	10 39	20 48	21 5	10 11		n.a.
T 5	8 45	14 17	4 41	11 31	1 37	20 24	1 34	26 55	3 27	10 27	0 50	7 33	2 45	24 1	0 29	4 56	1 51	30 58	10 39	20 49	21 6	10 14		n.a.
F 6	8 23	17 21	4 7	10 48	1 33	20 19	1 28	26 55	3 25	10 31	0 50	7 35	2 45	24 1	0 29	4 56	1 51	30 58	10 39	20 49	21 7	10 16		n.a.
S 7	8 0	19 44	3 23	10 4	1 29	20 14	1 22	26 55	3 23	10 35	0 50	7 37	2 45	24 1	0 29	4 57	1 51	30 58	10 40	20 49	21 7	10 18		n.a.
S 8	7 37	21 15	2 29	9 20	1 25	20 8	1 17	26 55	3 21	10 39	0 49	7 39	2 45	24 1	0 28	4 58	1 51	30 58	10 40	20 49	21 8	10 20		n.a.
M 9	7 15	21 45	1 26	8 35	1 20	20 2	1 11	26 55	3 19	10 43	0 49	7 41	2 45	24 1	0 28	4 58	1 51	30 57	10 40	20 49	21 9	10 23		n.a.
T 10	6 52	21 9	0 18	7 51	1 15	19 55	1 6	26 54	3 17	10 48	0 49	7 43	2 45	24 1	0 28	4 59	1 51	30 57	10 41	20 49	21 9	10 25		n.a.
W11	6 28	19 21	0n54	7 5	1 9	19 48	1 1	26 54	3 16	10 52	0 49	7 45	2 45	24 1	0 28	5 0	1 51	30 57	10 41	20 49	21 10	10 27		n.a.
T 12	6 5	16 24	2 4	6 20	1 4	19 40	0 55	26 53	3 14	10 56	0 49	7 47	2 45	24 1	0 28	5 0	1 51	30 57	10 41	20 49	21 10	10 30		n.a.
F 13	5 42	12 24	3 9	5 35	0 58	19 31	0 50	26 52	3 12	11 0	0 49	7 49	2 45	24 1	0 28	5 1	1 51	30 57	10 41	20 50	21 11	10 32		n.a.
S 14	5 19	7 37	4 4	4 49	0 52	19 22	0 45	26 51	3 10	11 4	0 48	7 51	2 45	24 1	0 28	5 2	1 51	30 57	10 42	20 51	21 12	10 34		n.a.
S 15	4 55	2 18	4 43	4 4	0 46	19 13	0 40	26 50	3 8	11 8	0 48	7 53	2 45	24 1	0 28	5 2	1 51	30 57	10 42	20 53	21 12	10 36		n.a.
M16	4 31	3s10	5 3	3 18	0 40	19 2	0 34	26 49	3 6	11 13	0 48	7 54	2 45	24 1	0 28	5 3	1 51	30 57	10 42	20 55	21 13	10 39		n.a.
T 17	4 8	8 27	5 4	2 33	0 33	18 52	0 29	26 48	3 4	11 17	0 48	7 56	2 45	24 1	0 28	5 4	1 51	30 57	10 43	20 56	21 13	10 41		n.a.
W18	3 44	13 12	4 44	1 48	0 27	18 40	0 24	26 46	3 3	11 21	0 48	7 58	2 45	24 1	0 28	5 4	1 51	30 57	10 43	20 57	21 14	10 43		n.a.
T 19	3 20	17 6	4 7	1 3	0 20	18 28	0 20	26 44	3 1	11 25	0 48	8 0	2 45	24 1	0 28	5 5	1 51	30 57	10 43	20 58	21 15	10 46		n.a.
F 20	2 56	19 56	3 15	0 18	0 14	18 16	0 15	26 42	2 59	11 30	0 47	8 2	2 45	24 1	0 28	5 6	1 51	30 57	10 44	20 58	21 15	10 48		n.a.
S 21	2 32	21 30	2 13	0s27	0 7	18 3	0 10	26 40	2 57	11 34	0 47	8 4	2 45	24 1	0 28	5 6	1 51	30 57	10 44	20 58	21 16	10 50		n.a.
S 22	2 8	21 47	1 4	1 12	0 1	17 50	0 5	26 38	2 55	11 38	0 47	8 6	2 45	24 1	0 28	5 7	1 51	30 57	10 44	20 58	21 16	10 52		n.a.
M23	1 44	20 50	0s 6	1 56	0s 6	17 35	0 1	26 36	2 53	11 43	0 47	8 8	2 45	24 1	0 28	5 8	1 51	30 57	10 45	20 58	21 17	10 55		n.a.
T 24	1 20	18 46	1 15	2 40	0 13	17 21	0n 4	26 33	2 52	11 47	0 47	8 9	2 45	24 1	0 28	5 8	1 51	30 57	10 45	20 58	21 18	10 57		n.a.
W25	0 56	15 47	2 19	3 24	0 20	17 6	0 8	26 30	2 50	11 51	0 47	8 11	2 45	24 1	0 28	5 9	1 51	30 57	10 45	20 59	21 18	10 59		n.a.
T 26	0 32	12 6	3 15	4 7	0 26	16 50	0 13	26 27	2 48	11 56	0 46	8 13	2 45	24 1	0 28	5 10	1 51	30 57	10 46	21 0	21 19	11 2		n.a.
F 27	0 8	7 57	4 0	4 50	0 33	16 34	0 17	26 24	2 46	12 0	0 46	8 15	2 45	24 1	0 28	5 10	1 51	30 57	10 46	21 2	21 19	11 4		n.a.
S 28	0s16	3 31	4 34	5 33	0 40	16 17	0 21	26 21	2 44	12 5	0 46	8 17	2 45	24 1	0 28	5 11	1 51	30 58	10 46	21 4	21 20	11 6		n.a.
S 29	0 40	0n59	4 55	6 15	0 46	16 0	0 26	26 18	2 43	12 9	0 46	8 18	2 45	24 1	0 28	5 12	1 51	30 58	10 47	21 6	21 20	11 8		n.a.
M30	1s 5	5n25	5s 2	6s57	0s53	15n42	0n30	26s14	2s41	12s13	0n46	8s20	2s45	24s 1	0s28	5s12	1s51	30n58	10n47	21n 9	21n21	11n11		n.a.

Julian Day Number = 1622318.5, Delta T = 03h46m47s
Ecliptic obliquity = 23°43'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°49'00, Lahiri = - 7°42'00 Julian Calendar 1 Sept. 272 BCE == Greg. Calendar 28 Aug. 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

OCTOBER 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 21 42	3♎40'46	7♉47	16♎56	20♌22	7♑22	4♏ 2	15°R22	6♑55	21°R13	29♋46	26°R 7	25♋ 9	12♉52	n.a.	T 1
W 2	0 25 39	4°40'58	19°38	18°27	21°31	8° 0	4°14	15♓17	6°55	21♓12	29°47	25♋56	25° 6	12°59	n.a.	W 2
T 3	0 29 35	5°41'12	1♊28	19°57	22°40	8°39	4°27	15°13	6°56	21°10	29°48	25°48	25° 3	13° 5	n.a.	T 3
F 4	0 33 32	6°41'28	13°20	21°26	23°49	9°17	4°40	15° 9	6°57	21° 8	29°49	25°43	24°59	13°12	n.a.	F 4
S 5	0 37 28	7°41'47	25°18	22°55	24°59	9°56	4°52	15° 5	6°57	21° 7	29°50	25°41	24°56	13°19	n.a.	S 5
S 6	0 41 25	8°42'07	7♋27	24°24	26° 9	10°34	5° 5	15° 0	6°58	21° 5	29°51	25°D40	24°53	13°25	n.a.	S 6
M 7	0 45 21	9°42'30	19°53	25°52	27°18	11°13	5°18	14°56	6°59	21° 4	29°51	25°R40	24°50	13°32	n.a.	M 7
T 8	0 49 18	10°42'55	2♌40	27°19	28°28	11°52	5°31	14°52	7° 0	21° 2	29°52	25°40	24°47	13°39	n.a.	T 8
W 9	0 53 14	11°43'21	15°53	28°46	29°39	12°31	5°44	14°48	7° 1	21° 1	29°53	25°38	24°43	13°46	n.a.	W 9
T 10	0 57 11	12°43'50	29°36	0♏13	0♍49	13°10	5°57	14°44	7° 2	20°59	29°54	25°35	24°40	13°52	n.a.	T 10
F 11	1 1 8	13°44'21	13♍48	1°38	1°59	13°50	6°10	14°40	7° 3	20°57	29°55	25°28	24°37	13°59	n.a.	F 11
S 12	1 5 4	14°44'53	28°27	3° 3	3°10	14°29	6°23	14°36	7° 4	20°56	29°55	25°19	24°34	14° 6	n.a.	S 12
S 13	1 9 1	15°45'27	13♎27	4°28	4°21	15° 9	6°36	14°33	7° 5	20°54	29°56	25° 8	24°31	14°12	n.a.	S 13
M14	1 12 57	16°46'03	28°38	5°51	5°32	15°48	6°49	14°29	7° 6	20°53	29°57	24°56	24°28	14°19	n.a.	M14
T 15	1 16 54	17°46'41	13♏50	7°14	6°43	16°28	7° 2	14°25	7° 7	20°52	29°58	24°45	24°24	14°26	n.a.	T 15
W16	1 20 50	18°47'20	28°51	8°35	7°54	17° 8	7°15	14°22	7° 9	20°50	29°58	24°36	24°21	14°33	n.a.	W16
T 17	1 24 47	19°48'00	13♐35	9°56	9° 5	17°48	7°29	14°18	7°10	20°49	29°59	24°30	24°18	14°39	n.a.	T 17
F 18	1 28 43	20°48'42	27°55	11°15	10°16	18°28	7°42	14°15	7°11	20°47	29°59	24°26	24°15	14°46	n.a.	F 18
S 19	1 32 40	21°49'25	11♑49	12°33	11°28	19° 8	7°55	14°12	7°13	20°46	29°59	24°25	24°12	14°53	n.a.	S 19
S 20	1 36 37	22°50'10	25°19	13°49	12°40	19°48	8° 9	14° 8	7°14	20°44	0♌ 1	24°25	24° 9	14°59	n.a.	S 20
M21	1 40 33	23°50'55	8♒27	15° 3	13°51	20°28	8°22	14° 5	7°16	20°43	0° 1	24°25	24° 5	15° 6	n.a.	M21
T 22	1 44 30	24°51'42	21°17	16°16	15° 3	21° 8	8°35	14° 2	7°17	20°42	0° 1	24°23	24° 2	15°13	n.a.	T 22
W23	1 48 26	25°52'29	3♓52	17°26	16°15	21°49	8°49	13°59	7°19	20°40	0° 2	24°19	23°59	15°20	n.a.	W23
T 24	1 52 23	26°53'18	16°15	18°33	17°27	22°29	9° 2	13°56	7°20	20°39	0° 2	24°11	23°56	15°26	n.a.	T 24
F 25	1 56 19	27°54'08	28°29	19°38	18°39	23°10	9°16	13°54	7°22	20°38	0° 3	24° 1	23°53	15°33	n.a.	F 25
S 26	2 0 16	28°54'59	10♈35	20°39	19°51	23°50	9°29	13°51	7°24	20°37	0° 3	23°48	23°49	15°40	n.a.	S 26
S 27	2 4 12	29°55'51	22°36	21°36	21° 4	24°31	9°43	13°48	7°26	20°35	0° 3	23°34	23°46	15°46	n.a.	S 27
M28	2 8 9	0♏56'45	4♉33	22°29	22°16	25°12	9°56	13°46	7°28	20°34	0° 4	23°19	23°43	15°53	n.a.	M28
T 29	2 12 6	1°57'40	16°26	23°17	23°29	25°52	10°10	13°43	7°29	20°33	0° 4	23° 4	23°40	16° 0	n.a.	T 29
W30	2 16 2	2°58'36	28°17	23°59	24°41	26°33	10°23	13°41	7°31	20°32	0° 4	22°52	23°37	16° 7	n.a.	W30
T 31	2 19 59	3♏59'34	10♊ 7	24♏34	25♍54	27♑14	10♏37	13♓39	7♑33	20♓31	0♌ 4	22♋42	23♋34	16♉13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	1s29	9n37	4s56	7s39	0s59	15n24	0n34	26s10	2s39	12s18	0n46	8s22	2s45	24s 1	0s28	5s13	1s51	30n58	10n47	21n11	21n22	11n13		n.a.	T 1
W 2	1 53	13 25	4 37	8 20	1 6	15 6	0 38	26 6	2 37	12 22	0 46	8 23	2 45	24 1	0 28	5 14	1 51	30 58	10 48	21 13	21 22	11 15		n.a.	W 2
T 3	2 17	16 41	4 6	9 0	1 12	14 47	0 41	26 2	2 35	12 27	0 45	8 25	2 45	24 1	0 28	5 14	1 51	30 58	10 48	21 14	21 23	11 17		n.a.	T 3
F 4	2 41	19 17	3 25	9 40	1 18	14 27	0 45	25 57	2 34	12 31	0 45	8 27	2 44	24 1	0 28	5 15	1 51	30 58	10 48	21 15	21 23	11 20		n.a.	F 4
S 5	3 5	21 5	2 34	10 19	1 25	14 7	0 49	25 53	2 32	12 36	0 45	8 28	2 44	24 1	0 28	5 15	1 51	30 58	10 49	21 16	21 24	11 22		n.a.	S 5
S 6	3 29	21 56	1 35	10 58	1 31	13 47	0 52	25 48	2 30	12 40	0 45	8 30	2 44	24 0	0 28	5 16	1 51	30 58	10 49	21 16	21 25	11 24		n.a.	S 6
M 7	3 53	21 44	0 31	11 36	1 36	13 26	0 56	25 43	2 28	12 44	0 45	8 31	2 44	24 0	0 28	5 17	1 51	30 59	10 50	21 16	21 25	11 26		n.a.	M 7
T 8	4 17	20 24	0n37	12 14	1 42	13 4	0 59	25 37	2 27	12 49	0 45	8 33	2 44	24 0	0 28	5 17	1 51	30 59	10 50	21 16	21 26	11 29		n.a.	T 8
W 9	4 41	17 56	1 45	12 50	1 48	12 42	1 3	25 32	2 25	12 53	0 45	8 34	2 44	24 0	0 28	5 18	1 51	30 59	10 50	21 16	21 26	11 31		n.a.	W 9
T 10	5 5	14 23	2 49	13 26	1 53	12 20	1 6	25 26	2 23	12 58	0 45	8 36	2 44	24 0	0 28	5 19	1 51	30 59	10 51	21 17	21 27	11 33		n.a.	T 10
F 11	5 29	9 54	3 45	14 1	1 58	11 58	1 9	25 21	2 21	13 2	0 44	8 37	2 44	24 0	0 28	5 19	1 51	30 59	10 51	21 18	21 27	11 36		n.a.	F 11
S 12	5 53	4 43	4 28	14 36	2 3	11 35	1 12	25 15	2 20	13 7	0 44	8 38	2 43	24 0	0 28	5 20	1 51	31 0	10 51	21 20	21 28	11 38		n.a.	S 12
S 13	6 16	0s51	4 54	15 9	2 7	11 11	1 15	25 8	2 18	13 11	0 44	8 40	2 43	24 0	0 28	5 20	1 51	31 0	10 52	21 22	21 29	11 40		n.a.	S 13
M14	6 40	6 27	5 0	15 42	2 12	10 48	1 18	25 2	2 16	13 16	0 44	8 41	2 43	24 0	0 28	5 21	1 51	31 0	10 52	21 24	21 29	11 42		n.a.	M14
T 15	7 3	11 40	4 44	16 13	2 16	10 24	1 20	24 55	2 15	13 20	0 44	8 42	2 43	24 0	0 28	5 21	1 51	31 0	10 53	21 26	21 30	11 45		n.a.	T 15
W16	7 27	16 6	4 9	16 44	2 20	9 59	1 23	24 49	2 13	13 25	0 44	8 44	2 43	24 0	0 28	5 22	1 51	31 0	10 53	21 28	21 30	11 47		n.a.	W16
T 17	7 50	19 26	3 18	17 13	2 23	9 35	1 25	24 42	2 11	13 29	0 44	8 45	2 43	24 0	0 28	5 23	1 51	31 1	10 53	21 29	21 31	11 49		n.a.	T 17
F 18	8 13	21 28	2 15	17 41	2 26	9 10	1 28	24 35	2 10	13 34	0 44	8 46	2 43	24 0	0 28	5 23	1 51	31 1	10 54	21 29	21 31	11 51		n.a.	F 18
S 19	8 36	22 6	1 6	18 8	2 28	8 44	1 30	24 27	2 8	13 38	0 43	8 47	2 42	23 59	0 28	5 24	1 51	31 1	10 54	21 30	21 32	11 54		n.a.	S 19
S 20	8 59	21 24	0s 5	18 34	2 31	8 19	1 32	24 20	2 6	13 42	0 43	8 48	2 42	23 59	0 28	5 24	1 51	31 1	10 55	21 30	21 33	11 56		n.a.	S 20
M21	9 22	19 33	1 13	18 58	2 32	7 53	1 35	24 12	2 5	13 47	0 43	8 49	2 42	23 59	0 28	5 25	1 51	31 2	10 55	21 30	21 33	11 58		n.a.	M21
T 22	9 44	16 44	2 17	19 21	2 33	7 26	1 37	24 4	2 3	13 51	0 43	8 50	2 42	23 59	0 28	5 25	1 50	31 2	10 55	21 30	21 34	12 0		n.a.	T 22
W23	10 7	13 11	3 12	19 42	2 34	7 0	1 39	23 56	2 1	13 56	0 43	8 51	2 42	23 59	0 28	5 26	1 50	31 2	10 56	21 31	21 34	12 3		n.a.	W23
T 24	10 29	9 7	3 57	20 1	2 34	6 33	1 40	23 48	2 0	14 0	0 43	8 52	2 41	23 59	0 28	5 26	1 50	31 3	10 56	21 32	21 35	12 5		n.a.	T 24
F 25	10 51	4 44	4 31	20 18	2 33	6 6	1 42	23 39	1 58	14 5	0 43	8 53	2 41	23 59	0 28	5 27	1 50	31 3	10 56	21 34	21 35	12 7		n.a.	F 25
S 26	11 13	0 13	4 52	20 33	2 31	5 39	1 44	23 30	1 56	14 9	0 43	8 54	2 41	23 59	0 28	5 27	1 50	31 3	10 57	21 36	21 36	12 9		n.a.	S 26
S 27	11 35	4n16	4 59	20 46	2 28	5 12	1 45	23 21	1 55	14 13	0 43	8 55	2 41	23 59	0 28	5 28	1 50	31 3	10 57	21 39	21 36	12 11		n.a.	S 27
M28	11 57	8 35	4 54	20 57	2 25	4 44	1 47	23 12	1 53	14 18	0 43	8 56	2 41	23 58	0 28	5 28	1 50	31 4	10 58	21 41	21 37	12 14		n.a.	M28
T 29	12 18	12 33	4 35	21 5	2 21	4 16	1 48	23 3	1 52	14 22	0 42	8 56	2 40	23 58	0 28	5 28	1 50	31 4	10 58	21 44	21 38	12 16		n.a.	T 29
W30	12 39	16 2	4 5	21 10	2 15	3 48	1 49	22 54	1 50	14 27	0 42	8 57	2 40	23 58	0 28	5 29	1 50	31 4	10 58	21 46	21 38	12 18		n.a.	W30
T 31	13s 0	18n52	3s24	21s13	2s 8	3n20	1n50	22s44	1s48	14s31	0n42	8s58	2s40	23s58	0s28	5s29	1s50	31n 5	10n59	21n47	21n39	12n20		n.a.	T 31

Julian Day Number = 1622348.5, Delta T = 03h46m46s
Ecliptic obliquity = 23°43'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'56, Lahiri = - 7°41'56 Julian Calendar 1 Oct. 272 BCE == Greg. Calendar 27 Sept. 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

NOVEMBER 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 23 55	5♏ 0'32	22♊ 0	25♏ 3	27♍ 7	27♑55	10♏50	13°R37	7♑35	20°R30	0♌ 4	22°R36	23♋30	16♉20	n.a.	F 1
S 2	2 27 52	6° 1'32	3♋59	25°23	28°20	28°36	11° 4	13♓35	7°37	20♓29	0° 5	22♋32	23°27	16°27	n.a.	S 2
S 3	2 31 48	7° 2'34	16° 7	25°35	29°32	29°17	11°18	13°33	7°39	20°28	0° 5	22°30	23°24	16°33	n.a.	S 3
M 4	2 35 45	8° 3'37	28°29	25°R37	0♎45	29°58	11°31	13°31	7°42	20°27	0° 5	22°D30	23°21	16°40	n.a.	M 4
T 5	2 39 41	9° 4'41	11♌11	25°28	1°59	0♒39	11°45	13°30	7°44	20°26	0° 5	22°R30	23°18	16°47	n.a.	T 5
W 6	2 43 38	10° 5'46	24°17	25° 9	3°12	1°20	11°59	13°28	7°46	20°25	0°R 5	22°30	23°15	16°54	n.a.	W 6
T 7	2 47 35	11° 6'52	7♍50	24°38	4°25	2° 1	12°12	13°27	7°48	20°24	0° 5	22°27	23°11	17° 0	n.a.	T 7
F 8	2 51 31	12° 8'00	21°54	23°56	5°38	2°42	12°26	13°25	7°51	20°23	0° 5	22°21	23° 8	17° 7	n.a.	F 8
S 9	2 55 28	13° 9'08	6♎27	23° 3	6°52	3°24	12°39	13°24	7°53	20°22	0° 5	22°13	23° 5	17°14	n.a.	S 9
S 10	2 59 24	14°10'18	21°25	22° 0	8° 5	4° 5	12°53	13°23	7°55	20°21	0° 4	22° 4	23° 2	17°20	n.a.	S 10
M11	3 3 21	15°11'28	6♏40	20°49	9°19	4°46	13° 7	13°22	7°58	20°20	0° 4	21°53	22°59	17°27	n.a.	M11
T 12	3 7 17	16°12'39	22° 2	19°31	10°32	5°28	13°20	13°21	8° 0	20°19	0° 4	21°43	22°55	17°34	n.a.	T 12
W13	3 11 14	17°13'51	7♐18	18° 9	11°46	6° 9	13°34	13°20	8° 3	20°19	0° 4	21°35	22°52	17°41	n.a.	W13
T 14	3 15 10	18°15'04	22°17	16°46	12°59	6°50	13°48	13°19	8° 5	20°18	0° 4	21°29	22°49	17°47	n.a.	T 14
F 15	3 19 7	19°16'17	6♑53	15°25	14°13	7°32	14° 1	13°19	8° 8	20°17	0° 3	21°26	22°46	17°54	n.a.	F 15
S 16	3 23 4	20°17'31	21° 1	14° 8	15°27	8°13	14°15	13°18	8°10	20°16	0° 3	21°D25	22°43	18° 1	n.a.	S 16
S 17	3 27 0	21°18'44	4♒41	12°58	16°41	8°55	14°28	13°18	8°13	20°16	0° 3	21°25	22°40	18° 7	n.a.	S 17
M18	3 30 57	22°19'58	17°54	11°56	17°54	9°36	14°42	13°18	8°16	20°15	0° 2	21°R26	22°36	18°14	n.a.	M18
T 19	3 34 53	23°21'12	0♓44	11° 4	19° 8	10°18	14°56	13°17	8°18	20°15	0° 2	21°26	22°33	18°21	n.a.	T 19
W20	3 38 50	24°22'26	13°15	10°22	20°22	11° 0	15° 9	13°D17	8°21	20°14	0° 2	21°24	22°30	18°28	n.a.	W20
T 21	3 42 46	25°23'40	25°32	9°52	21°36	11°41	15°23	13°18	8°24	20°14	0° 1	21°19	22°27	18°34	n.a.	T 21
F 22	3 46 43	26°24'54	7♈38	9°32	22°50	12°23	15°36	13°18	8°27	20°13	0° 1	21°12	22°24	18°41	n.a.	F 22
S 23	3 50 39	27°26'09	19°37	9°D22	24° 4	13° 5	15°50	13°18	8°29	20°13	0° 0	21° 3	22°20	18°48	n.a.	S 23
S 24	3 54 36	28°27'23	1♉31	9°23	25°18	13°46	16° 3	13°18	8°32	20°12	29♋59	20°53	22°17	18°54	n.a.	S 24
M25	3 58 33	29°28'38	13°23	9°33	26°32	14°28	16°17	13°19	8°35	20°12	29°59	20°42	22°14	19° 1	n.a.	M25
T 26	4 2 29	0♐29'52	25°15	9°51	27°47	15° 9	16°30	13°20	8°38	20°12	29°58	20°32	22°11	19° 8	n.a.	T 26
W27	4 6 26	1°31'07	7♊ 8	10°17	29° 1	15°51	16°44	13°20	8°41	20°11	29°58	20°23	22° 8	19°14	n.a.	W27
T 28	4 10 22	2°32'22	19° 3	10°49	0♏15	16°33	16°57	13°21	8°44	20°11	29°57	20°16	22° 5	19°21	n.a.	T 28
F 29	4 14 19	3°33'38	1♋ 2	11°28	1°29	17°15	17°11	13°22	8°47	20°11	29°57	20°12	22° 1	19°28	n.a.	F 29
S 30	4 18 15	4♐34'53	13♋ 8	12♏13	2♏43	17♒56	17♏24	13♓23	8♑50	20♓11	29♋56	20♋10	21♋58	19♉35	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13 s21	20n55	2 s34	21 s12	2 s 0	2n52	1n51	22 s34	1 s47	14 s35	0n42	8 s58	2 s40	23 s58	0 s28	5 s30	1 s50	31n 5	10n59	21n49	21n39	12n23		n.a.
S 2	13 41	22 4	1 36	21 8	1 51	2 23	1 52	22 24	1 45	14 40	0 42	8 59	2 40	23 58	0 28	5 30	1 50	31 6	11 0	21 49	21 40	12 25		n.a.
S 3	14 2	22 11	0 34	21 0	1 40	1 55	1 53	22 14	1 44	14 44	0 42	8 59	2 39	23 58	0 28	5 30	1 50	31 6	11 0	21 49	21 40	12 27		n.a.
M 4	14 22	21 14	0n32	20 49	1 28	1 26	1 54	22 4	1 42	14 48	0 42	9 0	2 39	23 58	0 28	5 31	1 50	31 6	11 0	21 49	21 41	12 29		n.a.
T 5	14 42	19 11	1 37	20 33	1 14	0 57	1 55	21 53	1 41	14 53	0 42	9 0	2 39	23 57	0 28	5 31	1 50	31 7	11 1	21 49	21 41	12 32		n.a.
W 6	15 1	16 6	2 40	20 14	0 58	0 28	1 55	21 43	1 39	14 57	0 42	9 1	2 39	23 57	0 28	5 31	1 50	31 7	11 1	21 50	21 42	12 34		n.a.
T 7	15 21	12 4	3 36	19 50	0 42	0 s 1	1 56	21 32	1 38	15 1	0 42	9 1	2 38	23 57	0 28	5 32	1 50	31 7	11 2	21 50	21 42	12 36		n.a.
F 8	15 40	7 14	4 21	19 22	0 23	0 30	1 56	21 21	1 36	15 6	0 42	9 1	2 38	23 57	0 28	5 32	1 50	31 8	11 2	21 51	21 43	12 38		n.a.
S 9	15 58	1 51	4 51	18 49	0 4	0 59	1 56	21 10	1 35	15 10	0 41	9 2	2 38	23 57	0 28	5 32	1 50	31 8	11 2	21 52	21 44	12 40		n.a.
S 10	16 17	3 s47	5 2	18 14	0n16	1 28	1 57	20 58	1 33	15 14	0 41	9 2	2 38	23 57	0 27	5 33	1 50	31 9	11 3	21 54	21 44	12 43		n.a.
M11	16 35	9 18	4 53	17 35	0 36	1 57	1 57	20 47	1 32	15 18	0 41	9 2	2 38	23 57	0 27	5 33	1 50	31 9	11 3	21 55	21 45	12 45		n.a.
T 12	16 53	14 17	4 22	16 55	0 57	2 26	1 57	20 35	1 30	15 23	0 41	9 2	2 37	23 56	0 27	5 33	1 50	31 9	11 4	21 57	21 45	12 47		n.a.
W13	17 11	18 18	3 32	16 13	1 17	2 55	1 57	20 23	1 29	15 27	0 41	9 2	2 37	23 56	0 27	5 34	1 50	31 10	11 4	21 58	21 46	12 49		n.a.
T 14	17 28	21 2	2 29	15 32	1 35	3 24	1 56	20 12	1 27	15 31	0 41	9 2	2 37	23 56	0 27	5 34	1 50	31 10	11 4	21 59	21 46	12 52		n.a.
F 15	17 45	22 16	1 17	14 51	1 53	3 53	1 56	19 59	1 26	15 35	0 41	9 2	2 37	23 56	0 27	5 34	1 49	31 11	11 5	22 0	21 47	12 54		n.a.
S 16	18 2	22 2	0 2	14 14	2 8	4 23	1 56	19 47	1 24	15 39	0 41	9 2	2 36	23 56	0 27	5 34	1 49	31 11	11 5	22 0	21 47	12 56		n.a.
S 17	18 18	20 28	1 s10	13 40	2 22	4 52	1 55	19 35	1 23	15 43	0 41	9 2	2 36	23 55	0 27	5 34	1 49	31 12	11 6	22 0	21 48	12 58		n.a.
M18	18 34	17 49	2 17	13 11	2 33	5 20	1 55	19 22	1 22	15 48	0 41	9 2	2 36	23 55	0 27	5 35	1 49	31 12	11 6	22 0	21 48	13 0		n.a.
T 19	18 50	14 22	3 14	12 46	2 42	5 49	1 54	19 9	1 20	15 52	0 41	9 2	2 36	23 55	0 27	5 35	1 49	31 13	11 6	22 0	21 49	13 3		n.a.
W20	19 5	10 21	4 1	12 27	2 48	6 18	1 54	18 56	1 19	15 56	0 41	9 2	2 35	23 55	0 27	5 35	1 49	31 13	11 7	22 0	21 49	13 5		n.a.
T 21	19 20	6 0	4 35	12 13	2 53	6 47	1 53	18 43	1 17	16 0	0 41	9 1	2 35	23 55	0 27	5 35	1 49	31 14	11 7	22 1	21 50	13 7		n.a.
F 22	19 35	1 28	4 57	12 4	2 55	7 15	1 52	18 30	1 16	16 4	0 40	9 1	2 35	23 55	0 27	5 35	1 49	31 14	11 8	22 2	21 50	13 9		n.a.
S 23	19 49	3n 4	5 5	12 0	2 56	7 44	1 51	18 17	1 15	16 8	0 40	9 1	2 34	23 54	0 27	5 35	1 49	31 15	11 8	22 3	21 51	13 11		n.a.
S 24	20 3	7 27	5 0	12 1	2 56	8 12	1 50	18 4	1 13	16 12	0 40	9 0	2 34	23 54	0 27	5 36	1 49	31 15	11 8	22 5	21 52	13 14		n.a.
M25	20 17	11 34	4 42	12 6	2 54	8 40	1 49	17 50	1 12	16 16	0 40	9 0	2 34	23 54	0 27	5 36	1 49	31 15	11 9	22 7	21 52	13 16		n.a.
T 26	20 30	15 14	4 12	12 15	2 51	9 8	1 48	17 36	1 10	16 20	0 40	8 59	2 34	23 54	0 27	5 36	1 49	31 16	11 9	22 8	21 53	13 18		n.a.
W27	20 43	18 18	3 31	12 27	2 47	9 36	1 47	17 22	1 9	16 24	0 40	8 59	2 33	23 54	0 27	5 36	1 49	31 16	11 9	22 10	21 53	13 20		n.a.
T 28	20 55	20 37	2 40	12 42	2 42	10 3	1 45	17 9	1 8	16 28	0 40	8 58	2 33	23 53	0 27	5 36	1 49	31 17	11 10	22 11	21 54	13 22		n.a.
F 29	21 7	22 2	1 41	12 59	2 36	10 31	1 44	16 54	1 6	16 32	0 40	8 58	2 33	23 53	0 27	5 36	1 49	31 17	11 10	22 11	21 54	13 25		n.a.
S 30	21 s19	22n26	0 s38	13 s19	2n30	10 s58	1n43	16 s40	1 s 5	16 s35	0n40	8 s57	2 s33	23 s53	0 s27	5 s36	1 s49	31n18	11n10	22n12	21n55	13n27		n.a.

Julian Day Number = 1622379.5, Delta T = 03h46m45s
Ecliptic obliquity = 23°43'38, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'52, Lahiri = - 7°41'51 Julian Calendar 1 Nov. 272 BCE == Greg. Calendar 28 Oct. 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 272 BCE
geocentric

DECEMBER 272 BCE (-271) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 22 12	5♐36'08	25♋23	13♏ 2	3♏58	18♒38	17♏37	13♓25	8♑53	20°R10	29°R55	20°D10	21♋55	19♉41	n.a.	S 1
M 2	4 26 9	6°37'24	7♌50	13°56	5°12	19°20	17°51	13°26	8°56	20♓10	29♋54	20♋11	21°52	19°48	n.a.	M 2
T 3	4 30 5	7°38'40	20°33	14°53	6°26	20° 1	18° 4	13°27	8°59	20°10	29°54	20°12	21°49	19°55	n.a.	T 3
W 4	4 34 2	8°39'55	3♍35	15°55	7°41	20°43	18°17	13°29	9° 2	20°10	29°53	20°R13	21°46	20° 1	n.a.	W 4
T 5	4 37 58	9°41'11	17° 1	16°59	8°55	21°25	18°30	13°30	9° 6	20°D10	29°52	20°13	21°42	20° 8	n.a.	T 5
F 6	4 41 55	10°42'27	0♎52	18° 6	10°10	22° 7	18°44	13°32	9° 9	20°10	29°51	20°11	21°39	20°15	n.a.	F 6
S 7	4 45 51	11°43'43	15° 9	19°15	11°24	22°48	18°57	13°34	9°12	20°10	29°50	20° 8	21°36	20°22	n.a.	S 7
S 8	4 49 48	12°44'59	29°50	20°26	12°39	23°30	19°10	13°36	9°15	20°10	29°49	20° 3	21°33	20°28	n.a.	S 8
M 9	4 53 44	13°46'15	14♏50	21°40	13°53	24°12	19°23	13°38	9°18	20°10	29°48	19°57	21°30	20°35	n.a.	M 9
T 10	4 57 41	14°47'31	29°59	22°55	15° 8	24°54	19°36	13°40	9°22	20°11	29°47	19°52	21°26	20°42	n.a.	T 10
W11	5 1 38	15°48'46	15♐10	24°12	16°22	25°35	19°49	13°43	9°25	20°11	29°46	19°47	21°23	20°48	n.a.	W11
T 12	5 5 34	16°50'01	0♑11	25°30	17°37	26°17	20° 2	13°45	9°28	20°11	29°45	19°44	21°20	20°55	n.a.	T 12
F 13	5 9 31	17°51'16	14°54	26°49	18°51	26°59	20°15	13°47	9°32	20°11	29°44	19°D43	21°17	21° 2	n.a.	F 13
S 14	5 13 27	18°52'30	29°12	28°10	20° 6	27°41	20°28	13°50	9°35	20°11	29°43	19°43	21°14	21° 9	n.a.	S 14
S 15	5 17 24	19°53'43	13♒ 3	29°32	21°20	28°22	20°40	13°53	9°38	20°12	29°42	19°44	21°11	21°15	n.a.	S 15
M16	5 21 20	20°54'55	26°26	0♐55	22°35	29° 4	20°53	13°56	9°42	20°12	29°41	19°46	21° 7	21°22	n.a.	M16
T 17	5 25 17	21°56'06	9♓24	2°18	23°49	29°46	21° 6	13°59	9°45	20°13	29°40	19°47	21° 4	21°29	n.a.	T 17
W18	5 29 13	22°57'16	22° 0	3°43	25° 4	0♓28	21°19	14° 2	9°48	20°13	29°39	19°R48	21° 1	21°35	n.a.	W18
T 19	5 33 10	23°58'25	4♈18	5° 8	26°18	1° 9	21°31	14° 5	9°52	20°13	29°38	19°47	20°58	21°42	n.a.	T 19
F 20	5 37 7	24°59'32	16°23	6°35	27°33	1°51	21°44	14° 8	9°55	20°14	29°37	19°46	20°55	21°49	n.a.	F 20
S 21	5 41 3	26° 0'39	28°20	8° 2	28°48	2°33	21°56	14°11	9°59	20°14	29°35	19°43	20°52	21°55	n.a.	S 21
S 22	5 45 0	27° 1'45	10♉11	9°29	0♐ 2	3°14	22° 9	14°15	10° 2	20°15	29°34	19°39	20°48	22° 2	n.a.	S 22
M23	5 48 56	28° 2'50	22° 2	10°58	1°17	3°56	22°21	14°18	10° 5	20°16	29°33	19°35	20°45	22° 9	n.a.	M23
T 24	5 52 53	29° 3'54	3♊54	12°27	2°31	4°38	22°33	14°22	10° 9	20°16	29°32	19°32	20°42	22°16	n.a.	T 24
W25	5 56 49	0♑ 4'56	15°50	13°57	3°46	5°19	22°46	14°26	10°12	20°17	29°31	19°29	20°39	22°22	n.a.	W25
T 26	6 0 46	1° 5'58	27°53	15°27	5° 1	6° 1	22°58	14°29	10°16	20°18	29°29	19°26	20°36	22°29	n.a.	T 26
F 27	6 4 43	2° 6'59	10♋ 4	16°59	6°15	6°43	23°10	14°33	10°19	20°18	29°28	19°25	20°32	22°36	n.a.	F 27
S 28	6 8 39	3° 7'58	22°23	18°30	7°30	7°24	23°22	14°37	10°23	20°19	29°27	19°D25	20°29	22°42	n.a.	S 28
S 29	6 12 36	4° 8'57	4♌53	20° 3	8°44	8° 6	23°34	14°41	10°26	20°20	29°25	19°26	20°26	22°49	n.a.	S 29
M30	6 16 32	5° 9'55	17°35	21°36	9°59	8°47	23°46	14°46	10°30	20°21	29°24	19°27	20°23	22°56	n.a.	M30
T 31	6 20 29	6♑10'51	0♍31	23♐10	11♐14	9♓29	23♏58	14♓50	10♑33	20♓22	29♋23	19♋28	20♋20	23♉ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21 s30	21n47	0n28	13 s40	2n23	11 s24	1n41	16 s26	1 s 4	16 s39	0n40	8 s56	2 s32	23 s53	0 s27	5 s36	1 s49	31n18	11n11	22n12	21n55	13n29			n.a.
M 2	21 41	20 3	1 34	14 3	2 16	11 51	1 39	16 12	1 3	16 43	0 40	8 56	2 32	23 53	0 27	5 36	1 49	31 19	11 11	22 11	21 56	13 31			n.a.
T 3	21 51	17 18	2 37	14 27	2 9	12 17	1 38	15 57	1 1	16 47	0 40	8 55	2 32	23 52	0 27	5 36	1 49	31 20	11 11	22 11	21 56	13 33			n.a.
W 4	22 1	13 37	3 34	14 52	2 1	12 43	1 36	15 42	1 0	16 51	0 40	8 54	2 32	23 52	0 27	5 36	1 48	31 20	11 12	22 11	21 57	13 36			n.a.
T 5	22 10	9 10	4 20	15 18	1 53	13 9	1 34	15 28	0 59	16 54	0 40	8 53	2 31	23 52	0 27	5 36	1 48	31 21	11 12	22 11	21 57	13 38			n.a.
F 6	22 19	4 8	4 53	15 45	1 45	13 35	1 33	15 13	0 57	16 58	0 40	8 52	2 31	23 52	0 27	5 36	1 48	31 21	11 13	22 11	21 58	13 40			n.a.
S 7	22 28	1 s17	5 10	16 12	1 37	14 0	1 31	14 58	0 56	17 2	0 40	8 51	2 31	23 51	0 27	5 36	1 48	31 22	11 13	22 12	21 58	13 42			n.a.
S 8	22 36	6 46	5 6	16 39	1 29	14 24	1 29	14 43	0 55	17 5	0 40	8 50	2 31	23 51	0 27	5 36	1 48	31 22	11 13	22 13	21 59	13 44			n.a.
M 9	22 44	11 59	4 42	17 6	1 21	14 49	1 27	14 27	0 54	17 9	0 40	8 49	2 30	23 51	0 27	5 36	1 48	31 23	11 13	22 13	21 59	13 46			n.a.
T 10	22 51	16 31	3 58	17 33	1 12	15 13	1 25	14 12	0 52	17 13	0 39	8 48	2 30	23 51	0 27	5 35	1 48	31 23	11 14	22 14	22 0	13 49			n.a.
W11	22 58	19 57	2 57	18 1	1 4	15 37	1 23	13 57	0 51	17 16	0 39	8 47	2 30	23 50	0 27	5 35	1 48	31 24	11 14	22 15	22 0	13 51			n.a.
T 12	23 4	21 59	1 45	18 28	0 56	16 0	1 21	13 41	0 50	17 20	0 39	8 46	2 30	23 50	0 27	5 35	1 48	31 24	11 14	22 15	22 1	13 53			n.a.
F 13	23 10	22 27	0 26	18 55	0 48	16 23	1 19	13 26	0 49	17 23	0 39	8 44	2 29	23 50	0 27	5 35	1 48	31 25	11 15	22 16	22 1	13 55			n.a.
S 14	23 15	21 24	0 s52	19 21	0 40	16 45	1 16	13 10	0 48	17 27	0 39	8 43	2 29	23 50	0 27	5 35	1 48	31 25	11 15	22 16	22 2	13 57			n.a.
S 15	23 20	19 5	2 4	19 47	0 31	17 7	1 14	12 54	0 46	17 30	0 39	8 42	2 29	23 50	0 27	5 35	1 48	31 26	11 15	22 15	22 2	13 59			n.a.
M16	23 25	15 47	3 8	20 12	0 24	17 29	1 12	12 39	0 45	17 34	0 39	8 41	2 29	23 49	0 27	5 34	1 48	31 26	11 16	22 15	22 3	14 2			n.a.
T 17	23 29	11 50	4 0	20 37	0 16	17 50	1 9	12 23	0 44	17 37	0 39	8 39	2 28	23 49	0 27	5 34	1 48	31 27	11 16	22 15	22 3	14 4			n.a.
W18	23 32	7 27	4 38	21 1	0 8	18 11	1 7	12 7	0 43	17 41	0 39	8 38	2 28	23 49	0 27	5 34	1 48	31 27	11 16	22 15	22 4	14 6			n.a.
T 19	23 35	2 53	5 3	21 24	0 0	18 31	1 5	11 51	0 42	17 44	0 39	8 36	2 28	23 49	0 27	5 34	1 48	31 28	11 16	22 15	22 4	14 8			n.a.
F 20	23 38	1n42	5 14	21 47	0 s 7	18 50	1 2	11 34	0 41	17 47	0 39	8 35	2 28	23 48	0 27	5 34	1 48	31 29	11 17	22 15	22 5	14 10			n.a.
S 21	23 40	6 10	5 11	22 9	0 14	19 9	1 0	11 18	0 40	17 50	0 39	8 33	2 27	23 48	0 27	5 33	1 47	31 29	11 17	22 16	22 5	14 12			n.a.
S 22	23 42	10 24	4 54	22 30	0 22	19 28	0 57	11 2	0 38	17 54	0 39	8 32	2 27	23 48	0 27	5 33	1 47	31 30	11 17	22 16	22 6	14 15			n.a.
M23	23 43	14 13	4 26	22 50	0 29	19 46	0 55	10 46	0 37	17 57	0 39	8 30	2 27	23 47	0 27	5 33	1 47	31 30	11 18	22 17	22 6	14 17			n.a.
T 24	23 43	17 30	3 45	23 9	0 35	20 4	0 52	10 29	0 36	18 0	0 39	8 29	2 27	23 47	0 27	5 32	1 47	31 31	11 18	22 17	22 7	14 19			n.a.
W25	23 44	20 4	2 55	23 27	0 42	20 21	0 50	10 13	0 35	18 3	0 39	8 27	2 26	23 47	0 27	5 32	1 47	31 31	11 18	22 18	22 7	14 21			n.a.
T 26	23 43	21 46	1 56	23 44	0 48	20 37	0 47	9 56	0 34	18 6	0 39	8 25	2 26	23 47	0 27	5 32	1 47	31 32	11 18	22 18	22 8	14 23			n.a.
F 27	23 43	22 29	0 52	23 59	0 55	20 53	0 45	9 40	0 33	18 10	0 39	8 23	2 26	23 46	0 27	5 31	1 47	31 32	11 19	22 18	22 8	14 25			n.a.
S 28	23 41	22 7	0n16	24 14	1 1	21 8	0 42	9 23	0 32	18 13	0 39	8 22	2 26	23 46	0 27	5 31	1 47	31 33	11 19	22 18	22 9	14 27			n.a.
S 29	23 40	20 38	1 25	24 27	1 7	21 23	0 39	9 6	0 31	18 16	0 39	8 20	2 26	23 46	0 27	5 31	1 47	31 33	11 19	22 18	22 9	14 30			n.a.
M30	23 37	18 7	2 30	24 39	1 12	21 37	0 37	8 50	0 30	18 19	0 39	8 18	2 25	23 46	0 27	5 30	1 47	31 34	11 19	22 18	22 10	14 32			n.a.
T 31	23 s35	14n40	3n28	24 s50	1 s17	21 s50	0n34	8 s33	0 s29	18 s22	0n39	8 s16	2 s25	23 s45	0 s27	5 s30	1 s47	31n34	11n19	22n18	22n10	14n34			n.a.

Julian Day Number = 1622409.5, Delta T = 03h46m44s
Ecliptic obliquity = 23°43'37, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'48, Lahiri = - 7°41'47 Julian Calendar 1 Dec. 272 BCE == Greg. Calendar 27 Nov. 272 BCE

The year -271 astronomical counting style corresponds to year 272 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

JANUARY 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 24 25	7♉11'47	13♍42	24♐45	12♐28	10♓11	24♏ 9	14♓54	10♉37	20♓23	29°R21	19♋29	20♋17	23♉ 9	n.a.	W 1
T 2	6 28 22	8°12'41	27°10	26°20	13°43	10°52	24°21	14°59	10°40	20°23	29♋20	19°30	20°13	23°16	n.a.	T 2
F 3	6 32 18	9°13'35	10♎56	27°56	14°58	11°34	24°33	15° 3	10°44	20°24	29°19	19°R30	20°10	23°23	n.a.	F 3
S 4	6 36 15	10°14'28	25° 0	29°33	16°12	12°15	24°44	15° 8	10°47	20°25	29°17	19°30	20° 7	23°29	n.a.	S 4
S 5	6 40 12	11°15'19	9♏21	1♉10	17°27	12°57	24°56	15°12	10°51	20°26	29°16	19°29	20° 4	23°36	n.a.	S 5
M 6	6 44 8	12°16'10	23°57	2°48	18°42	13°38	25° 7	15°17	10°54	20°28	29°14	19°28	20° 1	23°43	n.a.	M 6
T 7	6 48 5	13°16'59	8♐41	4°27	19°56	14°19	25°18	15°22	10°58	20°29	29°13	19°27	19°58	23°49	n.a.	T 7
W 8	6 52 1	14°17'48	23°28	6° 7	21°11	15° 1	25°29	15°27	11° 1	20°30	29°11	19°27	19°54	23°56	n.a.	W 8
T 9	6 55 58	15°18'35	8♉12	7°48	22°25	15°42	25°41	15°32	11° 5	20°31	29°10	19°26	19°51	24° 3	n.a.	T 9
F 10	6 59 54	16°19'20	22°43	9°29	23°40	16°24	25°52	15°37	11° 8	20°32	29° 9	19°D26	19°48	24°10	n.a.	F 10
S 11	7 3 51	17°20'04	6♒58	11°11	24°55	17° 5	26° 3	15°42	11°12	20°33	29° 7	19°26	19°45	24°16	n.a.	S 11
S 12	7 7 47	18°20'47	20°50	12°54	26° 9	17°46	26°13	15°48	11°15	20°35	29° 6	19°27	19°42	24°23	n.a.	S 12
M13	7 11 44	19°21'27	4♓18	14°38	27°24	18°28	26°24	15°53	11°19	20°36	29° 4	19°R27	19°38	24°30	n.a.	M13
T 14	7 15 41	20°22'06	17°23	16°23	28°39	19° 9	26°35	15°58	11°22	20°37	29° 3	19°27	19°35	24°36	n.a.	T 14
W15	7 19 37	21°22'43	0♈ 5	18° 8	29°53	19°50	26°45	16° 4	11°26	20°38	29° 1	19°26	19°32	24°43	n.a.	W15
T 16	7 23 34	22°23'18	12°28	19°55	1♉ 8	20°32	26°56	16° 9	11°29	20°40	29° 0	19°26	19°29	24°50	n.a.	T 16
F 17	7 27 30	23°23'51	24°36	21°42	2°22	21°13	27° 6	16°15	11°33	20°41	28°58	19°D26	19°26	24°56	n.a.	F 17
S 18	7 31 27	24°24'22	6♉33	23°30	3°37	21°54	27°16	16°21	11°36	20°43	28°57	19°26	19°23	25° 3	n.a.	S 18
S 19	7 35 23	25°24'51	18°25	25°19	4°51	22°35	27°27	16°26	11°40	20°44	28°55	19°27	19°19	25°10	n.a.	S 19
M20	7 39 20	26°25'18	0♊16	27° 9	6° 6	23°17	27°37	16°32	11°43	20°46	28°54	19°27	19°16	25°16	n.a.	M20
T 21	7 43 16	27°25'43	12° 9	29° 0	7°21	23°58	27°46	16°38	11°46	20°47	28°52	19°28	19°13	25°23	n.a.	T 21
W22	7 47 13	28°26'06	24°10	0♒51	8°35	24°39	27°56	16°44	11°50	20°49	28°51	19°29	19°10	25°30	n.a.	W22
T 23	7 51 10	29°26'27	6♋20	2°43	9°50	25°20	28° 6	16°50	11°53	20°50	28°49	19°30	19° 7	25°37	n.a.	T 23
F 24	7 55 6	0♒26'47	18°42	4°36	11° 4	26° 1	28°16	16°56	11°57	20°52	28°48	19°R30	19° 4	25°43	n.a.	F 24
S 25	7 59 3	1°27'04	1♌18	6°29	12°19	26°42	28°25	17° 2	12° 0	20°53	28°46	19°30	19° 0	25°50	n.a.	S 25
S 26	8 2 59	2°27'20	14° 9	8°23	13°33	27°23	28°35	17° 9	12° 3	20°55	28°45	19°29	18°57	25°57	n.a.	S 26
M27	8 6 56	3°27'33	27°14	10°17	14°48	28° 4	28°44	17°15	12° 7	20°57	28°43	19°27	18°54	26° 3	n.a.	M27
T 28	8 10 52	4°27'45	10♍33	12°12	16° 2	28°45	28°53	17°21	12°10	20°58	28°42	19°25	18°51	26°10	n.a.	T 28
W29	8 14 49	5°27'55	24° 5	14° 6	17°17	29°26	29° 2	17°28	12°13	21° 0	28°40	19°23	18°48	26°17	n.a.	W29
T 30	8 18 45	6°28'04	7♎49	16° 0	18°31	0♈ 7	29°11	17°34	12°17	21° 2	28°39	19°21	18°44	26°23	n.a.	T 30
F 31	8 22 42	7♒28'10	21♎43	17♒54	19♉46	0♈48	29♏20	17♓41	12♉20	21♓ 3	28♋37	19♋20	18♋41	26♉30	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s32	10n26	4n17	25s 0	1s23	22s 3	0n31	8s16	0s28	18s25	0n39	8s14	2s25	23s45	0s27	5s29	1s47	31n35	11n20	22n18	22n11	14n36			n.a.
T 2	23 28	5 37	4 53	25 8	1 27	22 15	0 29	7 59	0 27	18 28	0 39	8 12	2 25	23 45	0 27	5 29	1 47	31 35	11 20	22 17	22 11	14 38			n.a.
F 3	23 24	0 25	5 14	25 15	1 32	22 26	0 26	7 42	0 25	18 30	0 39	8 10	2 24	23 44	0 27	5 29	1 47	31 36	11 20	22 17	22 11	14 40			n.a.
S 4	23 20	4s54	5 16	25 20	1 36	22 37	0 23	7 25	0 24	18 33	0 39	8 8	2 24	23 44	0 27	5 28	1 47	31 36	11 20	22 17	22 12	14 42			n.a.
S 5	23 15	10 4	4 58	25 24	1 40	22 47	0 21	7 8	0 23	18 36	0 39	8 6	2 24	23 44	0 27	5 28	1 47	31 37	11 20	22 18	22 12	14 44			n.a.
M 6	23 9	14 46	4 22	25 26	1 44	22 57	0 18	6 51	0 22	18 39	0 39	8 4	2 24	23 44	0 27	5 27	1 47	31 37	11 21	22 18	22 13	14 47			n.a.
T 7	23 3	18 36	3 27	25 26	1 47	23 5	0 15	6 34	0 21	18 42	0 39	8 2	2 24	23 43	0 27	5 27	1 47	31 38	11 21	22 18	22 13	14 49			n.a.
W 8	22 57	21 15	2 19	25 25	1 50	23 13	0 13	6 17	0 20	18 44	0 39	8 0	2 23	23 43	0 27	5 26	1 46	31 38	11 21	22 18	22 14	14 51			n.a.
T 9	22 50	22 26	1 2	25 23	1 53	23 21	0 10	6 0	0 19	18 47	0 39	7 58	2 23	23 43	0 27	5 26	1 46	31 39	11 21	22 18	22 14	14 53			n.a.
F 10	22 43	22 5	0s18	25 18	1 56	23 27	0 7	5 43	0 19	18 50	0 39	7 56	2 23	23 42	0 27	5 25	1 46	31 39	11 21	22 18	22 15	14 55			n.a.
S 11	22 35	20 18	1 36	25 12	1 58	23 33	0 5	5 26	0 18	18 52	0 39	7 53	2 23	23 42	0 27	5 25	1 46	31 40	11 21	22 18	22 15	14 57			n.a.
S 12	22 27	17 20	2 46	25 4	1 59	23 38	0 2	5 9	0 17	18 55	0 39	7 51	2 23	23 42	0 27	5 24	1 46	31 40	11 22	22 18	22 16	14 59			n.a.
M13	22 19	13 31	3 44	24 54	2 0	23 43	0s 1	4 51	0 16	18 57	0 39	7 49	2 22	23 42	0 27	5 24	1 46	31 41	11 22	22 18	22 16	15 1			n.a.
T 14	22 10	9 10	4 29	24 43	2 1	23 47	0 3	4 34	0 15	19 0	0 39	7 47	2 22	23 41	0 27	5 23	1 46	31 41	11 22	22 18	22 17	15 3			n.a.
W15	22 0	4 32	5 0	24 29	2 2	23 50	0 6	4 17	0 14	19 2	0 39	7 44	2 22	23 41	0 27	5 22	1 46	31 42	11 22	22 18	22 17	15 6			n.a.
T 16	21 51	0n 9	5 15	24 14	2 2	23 52	0 9	4 0	0 13	19 5	0 39	7 42	2 22	23 41	0 27	5 22	1 46	31 42	11 22	22 18	22 18	15 8			n.a.
F 17	21 40	4 45	5 16	23 57	2 1	23 54	0 11	3 42	0 12	19 7	0 39	7 40	2 22	23 40	0 27	5 21	1 46	31 43	11 22	22 18	22 18	15 10			n.a.
S 18	21 30	9 6	5 3	23 38	2 0	23 54	0 14	3 25	0 11	19 10	0 39	7 37	2 22	23 40	0 27	5 21	1 46	31 43	11 22	22 18	22 18	15 12			n.a.
S 19	21 19	13 4	4 38	23 16	1 59	23 54	0 16	3 8	0 10	19 12	0 39	7 35	2 21	23 40	0 27	5 20	1 46	31 43	11 22	22 18	22 19	15 14			n.a.
M20	21 7	16 32	4 1	22 53	1 57	23 54	0 19	2 50	0 9	19 14	0 39	7 32	2 21	23 40	0 27	5 19	1 46	31 44	11 23	22 18	22 19	15 16			n.a.
T 21	20 56	19 20	3 13	22 28	1 54	23 52	0 21	2 33	0 8	19 17	0 39	7 30	2 21	23 39	0 27	5 19	1 46	31 44	11 23	22 18	22 20	15 18			n.a.
W22	20 43	21 20	2 16	22 1	1 51	23 50	0 24	2 16	0 7	19 19	0 39	7 27	2 21	23 39	0 27	5 18	1 46	31 45	11 23	22 18	22 20	15 20			n.a.
T 23	20 31	22 22	1 12	21 32	1 48	23 48	0 26	1 59	0 7	19 21	0 39	7 25	2 21	23 39	0 27	5 18	1 46	31 45	11 23	22 17	22 21	15 22			n.a.
F 24	20 18	22 20	0 4	21 1	1 43	23 44	0 29	1 41	0 6	19 23	0 38	7 22	2 21	23 38	0 28	5 17	1 46	31 46	11 23	22 17	22 21	15 24			n.a.
S 25	20 5	21 10	1n 5	20 28	1 38	23 40	0 31	1 24	0 5	19 25	0 38	7 20	2 20	23 38	0 28	5 16	1 46	31 46	11 23	22 17	22 22	15 27			n.a.
S 26	19 51	18 53	2 12	19 53	1 33	23 35	0 33	1 7	0 4	19 27	0 38	7 17	2 20	23 38	0 28	5 15	1 46	31 46	11 23	22 18	22 22	15 29			n.a.
M27	19 37	15 36	3 14	19 16	1 27	23 29	0 36	0 49	0 3	19 29	0 38	7 14	2 20	23 37	0 28	5 15	1 46	31 47	11 23	22 18	22 23	15 31			n.a.
T 28	19 23	11 29	4 6	18 37	1 20	23 23	0 38	0 32	0 2	19 31	0 38	7 12	2 20	23 37	0 28	5 14	1 46	31 47	11 23	22 18	22 23	15 33			n.a.
W29	19 8	6 44	4 46	17 57	1 13	23 15	0 40	0 15	0 1	19 33	0 38	7 9	2 20	23 37	0 28	5 13	1 46	31 48	11 23	22 18	22 23	15 35			n.a.
T 30	18 53	1 36	5 9	17 15	1 5	23 8	0 42	0n 2	0 1	19 35	0 38	7 6	2 20	23 37	0 28	5 13	1 46	31 48	11 23	22 19	22 24	15 37			n.a.
F 31	18s37	3s41	5n15	16s32	0s56	22s59	0s44	0n19	0n 0	19s37	0n38	7s 4	2s20	23s36	0s28	5s12	1s45	31n48	11n23	22n19	22n24	15n39			n.a.

Julian Day Number = 1622440.5, Delta T = 03h46m43s
Ecliptic obliquity = 23°43'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'44, Lahiri = - 7°41'43 Julian Calendar 1 Jan. 271 BCE == Greg. Calendar 28 Dec. 272 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

FEBRUARY 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 26 39	8♒28'15	5♏46	19♒46	21♑ 0	1♈29	29♏28	17♓47	12♑23	21♓ 5	28°R36	19°D19	18♋38	26♉37	n.a.	S 1
S 2	8 30 35	9°28'18	19°56	21°38	22°15	2°10	29°37	17°54	12°26	21° 7	28♋34	19♋19	18°35	26°44	n.a.	S 2
M 3	8 34 32	10°28'20	4♐11	23°28	23°29	2°51	29°45	18° 0	12°30	21° 9	28°33	19°20	18°32	26°50	n.a.	M 3
T 4	8 38 28	11°28'20	18°30	25°16	24°44	3°31	29°54	18° 7	12°33	21°11	28°31	19°22	18°29	26°57	n.a.	T 4
W 5	8 42 25	12°28'19	2♑48	27° 2	25°58	4°12	0♐ 2	18°14	12°36	21°12	28°30	19°23	18°25	27° 4	n.a.	W 5
T 6	8 46 21	13°28'15	17° 3	28°45	27°13	4°53	0°10	18°21	12°39	21°14	28°28	19°R24	18°22	27°10	n.a.	T 6
F 7	8 50 18	14°28'10	1♒10	0♓25	28°27	5°34	0°18	18°27	12°42	21°16	28°27	19°23	18°19	27°17	n.a.	F 7
S 8	8 54 14	15°28'02	15° 6	2° 1	29°42	6°14	0°25	18°34	12°45	21°18	28°25	19°22	18°16	27°24	n.a.	S 8
S 9	8 58 11	16°27'52	28°46	3°33	0♒56	6°55	0°33	18°41	12°48	21°20	28°24	19°18	18°13	27°30	n.a.	S 9
M10	9 2 8	17°27'40	12♓ 7	4°59	2°10	7°36	0°41	18°48	12°51	21°22	28°23	19°14	18°10	27°37	n.a.	M10
T 11	9 6 4	18°27'26	25°10	6°21	3°25	8°16	0°48	18°55	12°54	21°24	28°21	19° 9	18° 6	27°44	n.a.	T 11
W12	9 10 1	19°27'10	7♈53	7°36	4°39	8°57	0°55	19° 2	12°57	21°26	28°20	19° 4	18° 3	27°50	n.a.	W12
T 13	9 13 57	20°26'51	20°18	8°45	5°54	9°38	1° 2	19° 9	13° 0	21°28	28°18	19° 0	18° 0	27°57	n.a.	T 13
F 14	9 17 54	21°26'30	2♉28	9°47	7° 8	10°18	1° 9	19°17	13° 3	21°30	28°17	18°57	17°57	28° 4	n.a.	F 14
S 15	9 21 50	22°26'07	14°26	10°42	8°22	10°59	1°16	19°24	13° 6	21°32	28°16	18°55	17°54	28°11	n.a.	S 15
S 16	9 25 47	23°25'41	26°19	11°30	9°37	11°39	1°22	19°31	13° 9	21°34	28°14	18°D55	17°50	28°17	n.a.	S 16
M17	9 29 43	24°25'13	8♊ 9	12°10	10°51	12°20	1°29	19°38	13°12	21°36	28°13	18°56	17°47	28°24	n.a.	M17
T 18	9 33 40	25°24'42	20° 3	12°42	12° 5	13° 0	1°35	19°45	13°15	21°38	28°12	18°57	17°44	28°31	n.a.	T 18
W19	9 37 36	26°24'09	2♋ 6	13° 6	13°20	13°40	1°41	19°53	13°18	21°40	28°10	18°59	17°41	28°37	n.a.	W19
T 20	9 41 33	27°23'34	14°21	13°23	14°34	14°21	1°47	20° 0	13°20	21°42	28° 9	19°R 0	17°38	28°44	n.a.	T 20
F 21	9 45 30	28°22'57	26°52	13°31	15°48	15° 1	1°53	20° 7	13°23	21°44	28° 8	19° 0	17°35	28°51	n.a.	F 21
S 22	9 49 26	29°22'17	9♌42	13°R31	17° 3	15°41	1°59	20°15	13°26	21°46	28° 7	18°58	17°31	28°57	n.a.	S 22
S 23	9 53 23	0♓21'34	22°52	13°24	18°17	16°22	2° 4	20°22	13°28	21°48	28° 5	18°54	17°28	29° 4	n.a.	S 23
M24	9 57 19	1°20'50	6♍21	13° 9	19°31	17° 2	2°10	20°30	13°31	21°51	28° 4	18°49	17°25	29°11	n.a.	M24
T 25	10 1 16	2°20'03	20° 7	12°48	20°45	17°42	2°15	20°37	13°34	21°53	28° 3	18°42	17°22	29°17	n.a.	T 25
W26	10 5 12	3°19'15	4♎ 7	12°20	22° 0	18°22	2°20	20°45	13°36	21°55	28° 2	18°34	17°19	29°24	n.a.	W26
T 27	10 9 9	4°18'24	18°16	11°47	23°14	19° 3	2°25	20°52	13°39	21°57	28° 0	18°27	17°15	29°31	n.a.	T 27
F 28	10 13 5	5♓17'31	2♏30	11♓ 8	24♒28	19♈43	2♐29	21♓ 0	13♑41	21♓59	27♋59	18♋22	17♋12	29♉38	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s22	8s51	5n 3	15s48	0s46	22s50	0s46	0n37	0n 1	19s39	0n38	7s 1	2s19	23s36	0s28	5s11	1s45	31n49	11n23	22n19	22n25	15n41		n.a.
S 2	18 6	13 34	4 32	15 2	0 36	22 40	0 48	0 54	0 2	19 41	0 38	6 58	2 19	23 36	0 28	5 10	1 45	31 49	11 23	22 19	22 25	15 43		n.a.
M 3	17 49	17 34	3 44	14 15	0 25	22 29	0 50	1 11	0 3	19 43	0 38	6 56	2 19	23 35	0 28	5 10	1 45	31 49	11 23	22 19	22 26	15 45		n.a.
T 4	17 33	20 32	2 42	13 28	0 14	22 18	0 52	1 28	0 3	19 45	0 38	6 53	2 19	23 35	0 28	5 9	1 45	31 50	11 23	22 19	22 26	15 47		n.a.
W 5	17 16	22 12	1 30	12 41	0 2	22 6	0 54	1 45	0 4	19 46	0 38	6 50	2 19	23 35	0 28	5 8	1 45	31 50	11 23	22 18	22 27	15 49		n.a.
T 6	16 59	22 25	0 13	11 53	0n10	21 53	0 56	2 2	0 5	19 48	0 38	6 47	2 19	23 35	0 28	5 7	1 45	31 50	11 23	22 18	22 27	15 51		n.a.
F 7	16 41	21 11	1s 4	11 6	0 23	21 40	0 58	2 19	0 6	19 50	0 39	6 44	2 19	23 34	0 28	5 7	1 45	31 51	11 23	22 18	22 27	15 53		n.a.
S 8	16 23	18 40	2 17	10 19	0 36	21 26	1 0	2 36	0 6	19 51	0 39	6 42	2 19	23 34	0 28	5 6	1 45	31 51	11 23	22 19	22 28	15 55		n.a.
S 9	16 5	15 9	3 19	9 33	0 50	21 12	1 2	2 53	0 7	19 53	0 39	6 39	2 18	23 34	0 28	5 5	1 45	31 51	11 23	22 19	22 28	15 57		n.a.
M10	15 47	10 56	4 10	8 49	1 4	20 56	1 3	3 10	0 8	19 55	0 39	6 36	2 18	23 34	0 28	5 4	1 45	31 51	11 23	22 20	22 29	16 0		n.a.
T 11	15 29	6 18	4 46	8 6	1 18	20 41	1 5	3 27	0 9	19 56	0 39	6 33	2 18	23 33	0 28	5 3	1 45	31 52	11 23	22 20	22 29	16 2		n.a.
W12	15 10	1 32	5 7	7 24	1 31	20 24	1 6	3 44	0 9	19 58	0 39	6 30	2 18	23 33	0 28	5 3	1 45	31 52	11 23	22 21	22 30	16 4		n.a.
T 13	14 51	3n12	5 12	6 46	1 45	20 7	1 8	4 1	0 10	19 59	0 39	6 27	2 18	23 33	0 28	5 2	1 45	31 52	11 23	22 22	22 30	16 6		n.a.
F 14	14 32	7 43	5 4	6 10	1 59	19 50	1 9	4 18	0 11	20 1	0 39	6 24	2 18	23 32	0 28	5 1	1 45	31 52	11 23	22 22	22 30	16 8		n.a.
S 15	14 12	11 52	4 42	5 36	2 12	19 32	1 11	4 34	0 12	20 2	0 39	6 21	2 18	23 32	0 28	5 0	1 45	31 53	11 23	22 22	22 31	16 10		n.a.
S 16	13 52	15 32	4 9	5 6	2 25	19 13	1 12	4 51	0 12	20 3	0 39	6 18	2 18	23 32	0 28	4 59	1 45	31 53	11 23	22 22	22 31	16 12		n.a.
M17	13 32	18 34	3 24	4 40	2 37	18 54	1 13	5 8	0 13	20 5	0 39	6 15	2 18	23 32	0 28	4 58	1 45	31 53	11 23	22 22	22 32	16 14		n.a.
T 18	13 12	20 50	2 31	4 17	2 49	18 34	1 15	5 24	0 14	20 6	0 39	6 12	2 18	23 31	0 28	4 58	1 45	31 53	11 23	22 22	22 32	16 16		n.a.
W19	12 52	22 12	1 31	3 58	2 59	18 14	1 16	5 41	0 14	20 7	0 39	6 9	2 17	23 31	0 28	4 57	1 45	31 54	11 23	22 22	22 33	16 18		n.a.
T 20	12 31	22 31	0 25	3 42	3 9	17 53	1 17	5 57	0 15	20 8	0 39	6 6	2 17	23 31	0 28	4 56	1 45	31 54	11 23	22 22	22 33	16 20		n.a.
F 21	12 11	21 44	0n43	3 31	3 17	17 32	1 18	6 14	0 16	20 9	0 39	6 3	2 17	23 31	0 28	4 55	1 45	31 54	11 22	22 22	22 33	16 22		n.a.
S 22	11 50	19 48	1 50	3 25	3 25	17 10	1 19	6 30	0 17	20 11	0 39	6 0	2 17	23 30	0 28	4 54	1 45	31 54	11 22	22 22	22 34	16 24		n.a.
S 23	11 29	16 47	2 53	3 22	3 30	16 48	1 20	6 46	0 17	20 12	0 39	5 57	2 17	23 30	0 28	4 53	1 45	31 54	11 22	22 23	22 34	16 26		n.a.
M24	11 7	12 49	3 48	3 24	3 35	16 25	1 21	7 3	0 18	20 13	0 39	5 54	2 17	23 30	0 28	4 52	1 45	31 54	11 22	22 23	22 35	16 28		n.a.
T 25	10 46	8 6	4 31	3 29	3 38	16 2	1 22	7 19	0 19	20 14	0 39	5 51	2 17	23 30	0 28	4 52	1 45	31 55	11 22	22 24	22 35	16 30		n.a.
W26	10 25	2 54	4 58	3 39	3 39	15 38	1 22	7 35	0 19	20 15	0 39	5 48	2 17	23 29	0 28	4 51	1 45	31 55	11 22	22 25	22 35	16 32		n.a.
T 27	10 3	2s30	5 8	3 52	3 38	15 14	1 23	7 51	0 20	20 16	0 39	5 45	2 17	23 29	0 28	4 50	1 45	31 55	11 22	22 26	22 36	16 34		n.a.
F 28	9s41	7s49	4n59	4s 9	3n36	14s50	1s24	8n 7	0n21	20s17	0n39	5s42	2s17	23s29	0s28	4s49	1s45	31n55	11n22	22n27	22n36	16n36		n.a.

Julian Day Number = 1622471.5, Delta T = 03h46m42s
Ecliptic obliquity = 23°43'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'39, Lahiri = - 7°41'39 Julian Calendar 1 Feb. 271 BCE == Greg. Calendar 28 Jan. 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

MARCH 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 17 2	6♓16'37	16♏45	10°R26	25♒42	20♈23	2♐34	21♓ 7	13♑44	22♓ 1	27°R58	18°R18	17♋ 9	29♉44	n.a.	S 1
S 2	10 20 59	7°15'40	0♐58	9♓41	26°57	21° 3	2°38	21°15	13°46	22° 4	27♋57	18♋17	17° 6	29°51	n.a.	S 2
M 3	10 24 55	8°14'42	15° 6	8°53	28°11	21°43	2°42	21°22	13°49	22° 6	27°56	18°D17	17° 3	29°58	n.a.	M 3
T 4	10 28 52	9°13'43	29° 9	8° 5	29°25	22°23	2°46	21°30	13°51	22° 8	27°55	18°17	17° 0	0♊ 4	n.a.	T 4
W 5	10 32 48	10°12'41	13♑ 5	7°16	0♓39	23° 3	2°50	21°38	13°53	22°10	27°54	18°R18	16°56	0°11	n.a.	W 5
T 6	10 36 45	11°11'37	26°53	6°28	1°53	23°43	2°54	21°45	13°55	22°13	27°53	18°18	16°53	0°18	n.a.	T 6
F 7	10 40 41	12°10'32	10♒33	5°41	3° 8	24°23	2°57	21°53	13°58	22°15	27°52	18°16	16°50	0°24	n.a.	F 7
S 8	10 44 38	13° 9'24	24° 3	4°57	4°22	25° 3	3° 1	22° 1	14° 0	22°17	27°51	18°11	16°47	0°31	n.a.	S 8
S 9	10 48 34	14° 8'15	7♓22	4°16	5°36	25°43	3° 4	22° 8	14° 2	22°19	27°50	18° 4	16°44	0°38	n.a.	S 9
M10	10 52 31	15° 7'03	20°27	3°39	6°50	26°23	3° 7	22°16	14° 4	22°21	27°49	17°55	16°41	0°44	n.a.	M10
T 11	10 56 27	16° 5'49	3♈17	3° 6	8° 4	27° 3	3°10	22°24	14° 6	22°24	27°48	17°45	16°37	0°51	n.a.	T 11
W12	11 0 24	17° 4'33	15°53	2°37	9°18	27°43	3°12	22°31	14° 8	22°26	27°47	17°34	16°34	0°58	n.a.	W12
T 13	11 4 21	18° 3'15	28°13	2°14	10°32	28°22	3°15	22°39	14°10	22°28	27°46	17°24	16°31	1° 4	n.a.	T 13
F 14	11 8 17	19° 1'55	10♉21	1°55	11°46	29° 2	3°17	22°47	14°12	22°30	27°45	17°16	16°28	1°11	n.a.	F 14
S 15	11 12 14	20° 0'32	22°19	1°42	13° 1	29°42	3°19	22°55	14°14	22°33	27°45	17° 9	16°25	1°18	n.a.	S 15
S 16	11 16 10	20°59'07	4♊10	1°34	14°15	0♉22	3°21	23° 2	14°16	22°35	27°44	17° 6	16°21	1°24	n.a.	S 16
M17	11 20 7	21°57'40	16° 0	1°D31	15°29	1° 2	3°22	23°10	14°18	22°37	27°43	17° 4	16°18	1°31	n.a.	M17
T 18	11 24 3	22°56'11	27°53	1°33	16°43	1°41	3°24	23°18	14°20	22°40	27°42	17°D 4	16°15	1°38	n.a.	T 18
W19	11 28 0	23°54'39	9♋55	1°41	17°57	2°21	3°25	23°26	14°21	22°42	27°42	17° 5	16°12	1°45	n.a.	W19
T 20	11 31 56	24°53'05	22°11	1°53	19°11	3° 1	3°26	23°33	14°23	22°44	27°41	17°R 5	16° 9	1°51	n.a.	T 20
F 21	11 35 53	25°51'29	4♌45	2°11	20°25	3°40	3°27	23°41	14°25	22°46	27°40	17° 3	16° 6	1°58	n.a.	F 21
S 22	11 39 50	26°49'51	17°42	2°32	21°39	4°20	3°28	23°49	14°26	22°49	27°40	17° 0	16° 2	2° 5	n.a.	S 22
S 23	11 43 46	27°48'10	1♍ 4	2°59	22°53	4°59	3°28	23°57	14°28	22°51	27°39	16°54	15°59	2°11	n.a.	S 23
M24	11 47 43	28°46'28	14°51	3°29	24° 7	5°39	3°29	24° 4	14°29	22°53	27°38	16°45	15°56	2°18	n.a.	M24
T 25	11 51 39	29°44'43	28°59	4° 4	25°21	6°18	3°R29	24°12	14°31	22°55	27°38	16°35	15°53	2°25	n.a.	T 25
W26	11 55 36	0♈42'56	13♎26	4°42	26°35	6°58	3°29	24°20	14°32	22°58	27°37	16°24	15°50	2°31	n.a.	W26
T 27	11 59 32	1°41'08	28° 2	5°25	27°49	7°37	3°29	24°27	14°34	23° 0	27°37	16°13	15°47	2°38	n.a.	T 27
F 28	12 3 29	2°39'18	12♏42	6°11	29° 3	8°17	3°28	24°35	14°35	23° 2	27°36	16° 4	15°43	2°45	n.a.	F 28
S 29	12 7 25	3°37'26	27°19	7° 0	0♈17	8°56	3°28	24°43	14°36	23° 4	27°36	15°58	15°40	2°51	n.a.	S 29
S 30	12 11 22	4°35'33	11♐45	7°53	1°30	9°35	3°27	24°50	14°37	23° 7	27°35	15°54	15°37	2°58	n.a.	S 30
M31	12 15 18	5♈33'39	25♐59	8♓49	2♈44	10♉15	3♐26	24♓58	14♑39	23♓ 9	27♋35	15♋53	15♋34	3♊ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s19	12s43	4n31	4s29	3n31	14s25	1s24	8n23	0n21	20s18	0n39	5s39	2s17	23s29	0s28	4s48	1s45	31n55	11n21	22n28	22n37	16n38		n.a.
S 2	8 57	16 54	3 47	4 52	3 25	14 0	1 25	8 39	0 22	20 18	0 39	5 36	2 17	23 28	0 28	4 47	1 45	31 55	11 21	22 28	22 37	16 40		n.a.
M 3	8 35	20 5	2 49	5 17	3 18	13 35	1 25	8 55	0 22	20 19	0 39	5 33	2 17	23 28	0 28	4 46	1 45	31 55	11 21	22 28	22 38	16 42		n.a.
T 4	8 12	22 2	1 41	5 44	3 9	13 9	1 25	9 10	0 23	20 20	0 39	5 30	2 17	23 28	0 28	4 45	1 45	31 55	11 21	22 28	22 38	16 44		n.a.
W 5	7 50	22 37	0 28	6 12	2 58	12 42	1 26	9 26	0 24	20 21	0 39	5 27	2 17	23 28	0 28	4 44	1 45	31 56	11 21	22 28	22 38	16 46		n.a.
T 6	7 27	21 47	0s46	6 41	2 46	12 16	1 26	9 41	0 24	20 21	0 39	5 24	2 17	23 28	0 28	4 44	1 45	31 56	11 21	22 28	22 39	16 48		n.a.
F 7	7 5	19 40	1 57	7 10	2 33	11 49	1 26	9 57	0 25	20 22	0 39	5 21	2 17	23 27	0 28	4 43	1 45	31 56	11 21	22 28	22 39	16 50		n.a.
S 8	6 42	16 29	3 0	7 39	2 19	11 22	1 26	10 12	0 25	20 23	0 39	5 18	2 17	23 27	0 28	4 42	1 45	31 56	11 20	22 29	22 40	16 52		n.a.
S 9	6 19	12 29	3 52	8 8	2 4	10 54	1 26	10 28	0 26	20 23	0 39	5 15	2 17	23 27	0 28	4 41	1 45	31 56	11 20	22 29	22 40	16 54		n.a.
M10	5 56	7 58	4 30	8 36	1 49	10 26	1 26	10 43	0 27	20 24	0 39	5 11	2 17	23 27	0 28	4 40	1 45	31 56	11 20	22 31	22 40	16 56		n.a.
T 11	5 33	3 10	4 55	9 2	1 34	9 58	1 26	10 58	0 27	20 25	0 39	5 8	2 17	23 27	0 28	4 39	1 45	31 56	11 20	22 32	22 41	16 58		n.a.
W12	5 10	1n39	5 4	9 27	1 18	9 30	1 26	11 13	0 28	20 25	0 39	5 5	2 17	23 26	0 28	4 38	1 45	31 56	11 20	22 34	22 41	17 0		n.a.
T 13	4 47	6 19	4 59	9 51	1 2	9 1	1 26	11 28	0 28	20 25	0 39	5 2	2 17	23 26	0 29	4 37	1 45	31 56	11 20	22 35	22 42	17 2		n.a.
F 14	4 23	10 40	4 40	10 12	0 46	8 33	1 26	11 43	0 29	20 26	0 39	4 59	2 17	23 26	0 29	4 36	1 45	31 56	11 19	22 36	22 42	17 4		n.a.
S 15	4 0	14 33	4 9	10 32	0 30	8 4	1 25	11 58	0 29	20 26	0 39	4 56	2 17	23 26	0 29	4 35	1 45	31 56	11 19	22 37	22 42	17 6		n.a.
S 16	3 37	17 50	3 28	10 49	0 15	7 34	1 25	12 12	0 30	20 27	0 39	4 53	2 17	23 26	0 29	4 35	1 45	31 56	11 19	22 37	22 43	17 8		n.a.
M17	3 14	20 22	2 38	11 4	0 0	7 5	1 24	12 27	0 31	20 27	0 39	4 50	2 17	23 25	0 29	4 34	1 45	31 56	11 19	22 37	22 43	17 10		n.a.
T 18	2 50	22 2	1 41	11 16	0s14	6 35	1 24	12 41	0 31	20 27	0 39	4 47	2 17	23 25	0 29	4 33	1 45	31 56	11 19	22 37	22 43	17 12		n.a.
W19	2 27	22 43	0 38	11 27	0 28	6 6	1 23	12 56	0 32	20 28	0 39	4 44	2 17	23 25	0 29	4 32	1 45	31 56	11 18	22 37	22 44	17 13		n.a.
T 20	2 3	22 19	0n27	11 34	0 42	5 36	1 23	13 10	0 32	20 28	0 39	4 40	2 17	23 25	0 29	4 31	1 45	31 56	11 18	22 37	22 44	17 15		n.a.
F 21	1 40	20 48	1 33	11 40	0 54	5 6	1 22	13 24	0 33	20 28	0 39	4 37	2 17	23 25	0 29	4 30	1 45	31 56	11 18	22 37	22 45	17 17		n.a.
S 22	1 16	18 10	2 35	11 43	1 6	4 35	1 21	13 38	0 33	20 28	0 39	4 34	2 17	23 25	0 29	4 29	1 45	31 56	11 18	22 38	22 45	17 19		n.a.
S 23	0 53	14 30	3 31	11 44	1 18	4 5	1 20	13 52	0 34	20 28	0 39	4 31	2 17	23 25	0 29	4 28	1 45	31 55	11 18	22 39	22 45	17 21		n.a.
M24	0 30	9 58	4 17	11 43	1 29	3 35	1 19	14 6	0 34	20 28	0 39	4 28	2 17	23 24	0 29	4 27	1 45	31 55	11 17	22 40	22 46	17 23		n.a.
T 25	0 6	4 48	4 48	11 40	1 39	3 4	1 18	14 20	0 35	20 28	0 39	4 25	2 17	23 24	0 29	4 26	1 45	31 55	11 17	22 41	22 46	17 25		n.a.
W26	0n17	0s45	5 1	11 34	1 48	2 33	1 17	14 33	0 35	20 28	0 39	4 22	2 17	23 24	0 29	4 26	1 45	31 55	11 17	22 42	22 47	17 27		n.a.
T 27	0 41	6 19	4 55	11 27	1 57	2 3	1 16	14 47	0 36	20 28	0 39	4 19	2 17	23 24	0 29	4 25	1 45	31 55	11 17	22 44	22 47	17 29		n.a.
F 28	1 4	11 33	4 30	11 17	2 5	1 32	1 15	15 0	0 36	20 28	0 39	4 16	2 17	23 24	0 29	4 24	1 45	31 55	11 16	22 45	22 47	17 31		n.a.
S 29	1 27	16 7	3 47	11 5	2 12	1 1	1 14	15 14	0 37	20 28	0 39	4 13	2 17	23 24	0 29	4 23	1 45	31 55	11 16	22 46	22 48	17 33		n.a.
S 30	1 51	19 40	2 50	10 51	2 19	0 30	1 13	15 27	0 37	20 28	0 39	4 10	2 17	23 24	0 29	4 22	1 45	31 55	11 16	22 46	22 48	17 35		n.a.
M31	2n14	21s57	1n43	10s36	2s25	0n 1	1s12	15n40	0n38	20s28	0n39	4s 7	2s17	23s24	0s29	4s21	1s45	31n55	11n16	22n46	22n48	17n37		n.a.

Julian Day Number = 1622499.5, Delta T = 03h46m41s
Ecliptic obliquity = 23°43'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'35, Lahiri = - 7°41'35 Julian Calendar 1 March 271 BCE == Greg. Calendar 25 Feb. 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

APRIL 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 19 15	6♈31'43	9♉59	9♓48	3♈58	10♉54	3°R25	25♓ 6	14♉40	23♓11	27°R35	15°R52	15♋31	3♊11	n.a.	T 1
W 2	12 23 12	7°29'45	23°45	10°50	5°12	11°33	3♐24	25°13	14°41	23°13	27♋34	15♋52	15°27	3°18	n.a.	W 2
T 3	12 27 8	8°27'46	7♒17	11°54	6°26	12°13	3°22	25°21	14°42	23°15	27°34	15°51	15°24	3°25	n.a.	T 3
F 4	12 31 5	9°25'46	20°36	13° 2	7°40	12°52	3°20	25°29	14°43	23°18	27°34	15°48	15°21	3°31	n.a.	F 4
S 5	12 35 1	10°23'44	3♓44	14°12	8°54	13°31	3°18	25°36	14°44	23°20	27°33	15°41	15°18	3°38	n.a.	S 5
S 6	12 38 58	11°21'40	16°40	15°24	10° 8	14°10	3°16	25°44	14°45	23°22	27°33	15°32	15°15	3°45	n.a.	S 6
M 7	12 42 54	12°19'35	29°25	16°39	11°22	14°50	3°14	25°51	14°46	23°24	27°33	15°21	15°12	3°51	n.a.	M 7
T 8	12 46 51	13°17'28	11♈59	17°57	12°35	15°29	3°12	25°59	14°46	23°26	27°33	15° 7	15° 8	3°58	n.a.	T 8
W 9	12 50 47	14°15'20	24°22	19°16	13°49	16° 8	3° 9	26° 6	14°47	23°28	27°33	14°54	15° 5	4° 5	n.a.	W 9
T 10	12 54 44	15°13'10	6♉33	20°39	15° 3	16°47	3° 6	26°14	14°48	23°31	27°33	14°41	15° 2	4°12	n.a.	T 10
F 11	12 58 41	16°10'59	18°35	22° 3	16°17	17°26	3° 3	26°21	14°49	23°33	27°32	14°30	14°59	4°18	n.a.	F 11
S 12	13 2 37	17° 8'45	0♊29	23°30	17°31	18° 5	3° 0	26°29	14°49	23°35	27°32	14°21	14°56	4°25	n.a.	S 12
S 13	13 6 34	18° 6'31	12°19	24°58	18°45	18°44	2°57	26°36	14°50	23°37	27°D32	14°15	14°52	4°32	n.a.	S 13
M14	13 10 30	19° 4'14	24° 7	26°30	19°58	19°23	2°53	26°44	14°50	23°39	27°32	14°12	14°49	4°38	n.a.	M14
T 15	13 14 27	20° 1'56	5♋58	28° 3	21°12	20° 2	2°50	26°51	14°51	23°41	27°32	14°11	14°46	4°45	n.a.	T 15
W16	13 18 23	20°59'36	17°58	29°38	22°26	20°42	2°46	26°58	14°51	23°43	27°32	14°11	14°43	4°52	n.a.	W16
T 17	13 22 20	21°57'14	0♌13	1♈16	23°40	21°20	2°42	27° 5	14°51	23°45	27°33	14°11	14°40	4°58	n.a.	T 17
F 18	13 26 16	22°54'51	12°46	2°55	24°54	21°59	2°38	27°13	14°52	23°47	27°33	14°10	14°37	5° 5	n.a.	F 18
S 19	13 30 13	23°52'26	25°43	4°37	26° 7	22°38	2°33	27°20	14°52	23°49	27°33	14° 6	14°33	5°12	n.a.	S 19
S 20	13 34 10	24°50'00	9♍ 8	6°21	27°21	23°17	2°29	27°27	14°52	23°51	27°33	14° 1	14°30	5°18	n.a.	S 20
M21	13 38 6	25°47'31	23° 1	8° 7	28°35	23°56	2°24	27°34	14°52	23°53	27°33	13°53	14°27	5°25	n.a.	M21
T 22	13 42 3	26°45'02	7♎21	9°55	29°48	24°35	2°19	27°41	14°53	23°55	27°33	13°43	14°24	5°32	n.a.	T 22
W23	13 45 59	27°42'31	22° 4	11°46	1♉ 2	25°14	2°14	27°49	14°53	23°57	27°34	13°32	14°21	5°38	n.a.	W23
T 24	13 49 56	28°39'59	7♏ 1	13°38	2°16	25°53	2° 9	27°56	14°R53	23°59	27°34	13°22	14°18	5°45	n.a.	T 24
F 25	13 53 52	29°37'25	22° 3	15°33	3°30	26°32	2° 4	28° 3	14°53	24° 1	27°34	13°13	14°14	5°52	n.a.	F 25
S 26	13 57 49	0♉34'51	7♐ 1	17°29	4°43	27°10	1°59	28°10	14°53	24° 3	27°35	13° 7	14°11	5°58	n.a.	S 26
S 27	14 1 45	1°32'16	21°47	19°28	5°57	27°49	1°53	28°17	14°52	24° 5	27°35	13° 3	14° 8	6° 5	n.a.	S 27
M28	14 5 42	2°29'40	6♑16	21°28	7°11	28°28	1°48	28°23	14°52	24° 7	27°35	13° 1	14° 5	6°12	n.a.	M28
T 29	14 9 39	3°27'03	20°24	23°31	8°24	29° 7	1°42	28°30	14°52	24° 9	27°36	13°D 1	14° 2	6°18	n.a.	T 29
W30	14 13 35	4♉24'26	4♒10	25♈35	9♉38	29♉45	1♐36	28♓37	14♉52	24♓10	27♋36	13°R 2	13♋58	6♊25	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n37	22s50	0n31	10s18	2s30	0n32	1s10	15n53	0n38	20s28	0n39	4s 4	2s17	23s24	0s29	4s20	1s45	31n54	11n15	22n46	22n49	17n39		n.a.
W 2	3 1	22 18	0s42	9 58	2 35	1 2	1 9	16 6	0 39	20 27	0 39	4 1	2 17	23 23	0 29	4 19	1 45	31 54	11 15	22 46	22 49	17 40		n.a.
T 3	3 24	20 27	1 51	9 37	2 39	1 33	1 7	16 18	0 39	20 27	0 39	3 58	2 17	23 23	0 29	4 19	1 45	31 54	11 15	22 46	22 50	17 42		n.a.
F 4	3 47	17 31	2 52	9 14	2 42	2 4	1 6	16 31	0 40	20 27	0 39	3 55	2 17	23 23	0 29	4 18	1 45	31 54	11 15	22 47	22 50	17 44		n.a.
S 5	4 10	13 44	3 44	8 49	2 44	2 35	1 4	16 43	0 40	20 26	0 38	3 52	2 17	23 23	0 29	4 17	1 45	31 54	11 14	22 48	22 50	17 46		n.a.
S 6	4 33	9 21	4 23	8 22	2 46	3 6	1 3	16 56	0 41	20 26	0 38	3 49	2 17	23 23	0 29	4 16	1 45	31 53	11 14	22 49	22 51	17 48		n.a.
M 7	4 56	4 38	4 49	7 54	2 48	3 37	1 1	17 8	0 41	20 26	0 38	3 46	2 17	23 23	0 29	4 15	1 45	31 53	11 14	22 50	22 51	17 50		n.a.
T 8	5 18	0n12	4 59	7 24	2 49	4 7	1 0	17 20	0 42	20 25	0 38	3 43	2 17	23 23	0 29	4 14	1 45	31 53	11 14	22 52	22 51	17 52		n.a.
W 9	5 41	4 58	4 56	6 52	2 49	4 38	0 58	17 32	0 42	20 25	0 38	3 40	2 18	23 23	0 29	4 13	1 45	31 53	11 13	22 53	22 52	17 54		n.a.
T 10	6 4	9 29	4 39	6 19	2 48	5 8	0 56	17 44	0 42	20 24	0 38	3 37	2 18	23 23	0 29	4 13	1 45	31 53	11 13	22 54	22 52	17 56		n.a.
F 11	6 26	13 34	4 9	5 45	2 47	5 39	0 54	17 55	0 43	20 24	0 38	3 34	2 18	23 23	0 29	4 12	1 45	31 52	11 13	22 56	22 52	17 58		n.a.
S 12	6 49	17 5	3 29	5 8	2 45	6 9	0 52	18 7	0 43	20 23	0 38	3 31	2 18	23 23	0 29	4 11	1 45	31 52	11 13	22 57	22 53	17 59		n.a.
S 13	7 11	19 54	2 40	4 30	2 43	6 39	0 51	18 18	0 44	20 22	0 38	3 28	2 18	23 23	0 29	4 10	1 45	31 52	11 12	22 57	22 53	18 1		n.a.
M14	7 33	21 52	1 44	3 51	2 40	7 9	0 49	18 30	0 44	20 22	0 38	3 25	2 18	23 23	0 30	4 9	1 45	31 52	11 12	22 58	22 54	18 3		n.a.
T 15	7 55	22 52	0 43	3 11	2 37	7 39	0 47	18 41	0 45	20 21	0 38	3 23	2 18	23 23	0 30	4 9	1 45	31 51	11 12	22 58	22 54	18 5		n.a.
W16	8 17	22 50	0n20	2 29	2 33	8 9	0 45	18 52	0 45	20 20	0 38	3 20	2 18	23 23	0 30	4 8	1 45	31 51	11 12	22 58	22 54	18 7		n.a.
T 17	8 39	21 43	1 24	1 45	2 28	8 38	0 43	19 3	0 45	20 20	0 38	3 17	2 18	23 23	0 30	4 7	1 45	31 51	11 11	22 58	22 55	18 9		n.a.
F 18	9 1	19 30	2 25	1 0	2 23	9 7	0 41	19 13	0 46	20 19	0 38	3 14	2 18	23 23	0 30	4 6	1 45	31 51	11 11	22 58	22 55	18 11		n.a.
S 19	9 22	16 15	3 21	0 14	2 17	9 36	0 38	19 24	0 46	20 18	0 38	3 11	2 19	23 23	0 30	4 5	1 45	31 50	11 11	22 58	22 55	18 12		n.a.
S 20	9 44	12 4	4 8	0n33	2 11	10 5	0 36	19 34	0 47	20 17	0 38	3 8	2 19	23 23	0 30	4 5	1 45	31 50	11 11	22 59	22 56	18 14		n.a.
M21	10 5	7 7	4 42	1 22	2 4	10 34	0 34	19 44	0 47	20 16	0 38	3 6	2 19	23 23	0 30	4 4	1 45	31 50	11 10	23 0	22 56	18 16		n.a.
T 22	10 26	1 38	5 0	2 11	1 57	11 2	0 32	19 54	0 47	20 15	0 38	3 3	2 19	23 23	0 30	4 3	1 45	31 49	11 10	23 1	22 56	18 18		n.a.
W23	10 47	4s 5	4 58	3 2	1 49	11 31	0 30	20 4	0 48	20 15	0 38	3 0	2 19	23 23	0 30	4 2	1 45	31 49	11 10	23 2	22 57	18 20		n.a.
T 24	11 8	9 40	4 36	3 54	1 41	11 58	0 28	20 14	0 48	20 14	0 38	2 57	2 19	23 23	0 30	4 2	1 45	31 49	11 10	23 3	22 57	18 22		n.a.
F 25	11 28	14 42	3 56	4 46	1 32	12 26	0 25	20 24	0 48	20 13	0 38	2 55	2 19	23 23	0 30	4 1	1 46	31 49	11 9	23 4	22 57	18 24		n.a.
S 26	11 49	18 49	2 59	5 40	1 23	12 53	0 23	20 33	0 49	20 12	0 38	2 52	2 19	23 23	0 30	4 0	1 46	31 48	11 9	23 4	22 58	18 25		n.a.
S 27	12 9	21 38	1 50	6 34	1 14	13 20	0 21	20 43	0 49	20 11	0 38	2 49	2 20	23 23	0 30	3 59	1 46	31 48	11 9	23 5	22 58	18 27		n.a.
M28	12 29	22 59	0 36	7 29	1 4	13 47	0 18	20 52	0 50	20 9	0 37	2 47	2 20	23 23	0 30	3 59	1 46	31 48	11 9	23 5	22 58	18 29		n.a.
T 29	12 49	22 48	0s39	8 24	0 54	14 13	0 16	21 1	0 50	20 8	0 37	2 44	2 20	23 23	0 30	3 58	1 46	31 47	11 8	23 5	22 59	18 31		n.a.
W30	13n 9	21s14	1s50	9n19	0s44	14n39	0s14	21n10	0n50	20s 7	0n37	2s41	2s20	23s23	0s30	3s57	1s46	31n47	11n 8	23n 5	22n59	18n33		n.a.

Julian Day Number = 1622530.5, Delta T = 03h46m40s
Ecliptic obliquity = 23°43'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'31, Lahiri = - 7°41'31 Julian Calendar 1 Apr. 271 BCE == Greg. Calendar 28 March 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

MAY 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 17 32	5♉21'48	17♒37	27♈41	10♉52	0♊24	1°R30	28♓44	14°R51	24♓12	27♋37	13°R 1	13♋55	6♊32	n.a.	T 1
F 2	14 21 28	6°19'09	0♓47	29°48	12° 5	1° 3	1♐24	28°51	14♑51	24°14	27°37	12♋59	13°52	6°38	n.a.	F 2
S 3	14 25 25	7°16'29	13°40	1♉57	13°19	1°42	1°17	28°57	14°51	24°16	27°38	12°54	13°49	6°45	n.a.	S 3
S 4	14 29 21	8°13'48	26°20	4° 6	14°33	2°20	1°11	29° 4	14°50	24°18	27°39	12°46	13°46	6°52	n.a.	S 4
M 5	14 33 18	9°11'07	8♈49	6°17	15°46	2°59	1° 4	29°10	14°50	24°19	27°39	12°37	13°43	6°58	n.a.	M 5
T 6	14 37 14	10° 8'25	21° 7	8°28	17° 0	3°38	0°58	29°17	14°49	24°21	27°40	12°26	13°39	7° 5	n.a.	T 6
W 7	14 41 11	11° 5'42	3♉16	10°40	18°14	4°16	0°51	29°23	14°48	24°23	27°40	12°14	13°36	7°12	n.a.	W 7
T 8	14 45 8	12° 2'59	15°18	12°52	19°27	4°55	0°44	29°30	14°48	24°24	27°41	12° 4	13°33	7°18	n.a.	T 8
F 9	14 49 4	13° 0'15	27°13	15° 4	20°41	5°33	0°37	29°36	14°47	24°26	27°42	11°54	13°30	7°25	n.a.	F 9
S 10	14 53 1	13°57'30	9♊ 3	17°15	21°55	6°12	0°30	29°43	14°46	24°28	27°43	11°47	13°27	7°32	n.a.	S 10
S 11	14 56 57	14°54'44	20°50	19°25	23° 8	6°51	0°23	29°49	14°46	24°29	27°43	11°43	13°23	7°38	n.a.	S 11
M12	15 0 54	15°51'58	2♋38	21°35	24°22	7°29	0°16	29°55	14°45	24°31	27°44	11°40	13°20	7°45	n.a.	M12
T 13	15 4 50	16°49'10	14°30	23°43	25°35	8° 8	0° 9	0♈ 1	14°44	24°32	27°45	11°D40	13°17	7°52	n.a.	T 13
W14	15 8 47	17°46'22	26°31	25°50	26°49	8°46	0° 2	0° 7	14°43	24°34	27°46	11°41	13°14	7°58	n.a.	W14
T 15	15 12 43	18°43'33	8♌44	27°56	28° 3	9°25	29♏54	0°13	14°42	24°35	27°47	11°42	13°11	8° 5	n.a.	T 15
F 16	15 16 40	19°40'43	21°16	29°59	29°16	10° 3	29°47	0°19	14°41	24°37	27°48	11°R42	13° 8	8°12	n.a.	F 16
S 17	15 20 37	20°37'53	4♍10	2♊ 2	0♊30	10°42	29°40	0°25	14°40	24°38	27°49	11°41	13° 4	8°18	n.a.	S 17
S 18	15 24 33	21°35'01	17°31	4° 2	1°43	11°20	29°32	0°31	14°39	24°40	27°50	11°38	13° 1	8°25	n.a.	S 18
M19	15 28 30	22°32'09	1♎21	6° 0	2°57	11°59	29°24	0°37	14°38	24°41	27°51	11°34	12°58	8°32	n.a.	M19
T 20	15 32 26	23°29'16	15°40	7°56	4°11	12°37	29°17	0°42	14°36	24°43	27°52	11°28	12°55	8°39	n.a.	T 20
W21	15 36 23	24°26'23	0♏24	9°50	5°24	13°15	29° 9	0°48	14°35	24°44	27°53	11°21	12°52	8°45	n.a.	W21
T 22	15 40 19	25°23'29	15°28	11°41	6°38	13°54	29° 2	0°54	14°34	24°45	27°54	11°14	12°49	8°52	n.a.	T 22
F 23	15 44 16	26°20'35	0♐41	13°31	7°51	14°32	28°54	0°59	14°33	24°47	27°55	11° 8	12°45	8°59	n.a.	F 23
S 24	15 48 12	27°17'40	15°53	15°18	9° 5	15°11	28°46	1° 5	14°31	24°48	27°56	11° 4	12°42	9° 5	n.a.	S 24
S 25	15 52 9	28°14'46	0♑55	17° 3	10°18	15°49	28°39	1°10	14°30	24°49	27°57	11° 2	12°39	9°12	n.a.	S 25
M26	15 56 6	29°11'52	15°39	18°46	11°32	16°27	28°31	1°15	14°28	24°50	27°58	11°D 2	12°36	9°19	n.a.	M26
T 27	16 0 2	0♊ 8'57	29°59	20°26	12°45	17° 6	28°23	1°21	14°27	24°51	27°59	11° 3	12°33	9°25	n.a.	T 27
W28	16 3 59	1° 6'03	13♒56	22° 5	13°59	17°44	28°16	1°26	14°26	24°53	28° 1	11° 4	12°29	9°32	n.a.	W28
T 29	16 7 55	2° 3'09	27°27	23°40	15°12	18°22	28° 8	1°31	14°24	24°54	28° 2	11°R 5	12°26	9°39	n.a.	T 29
F 30	16 11 52	3° 0'15	10♓35	25°14	16°26	19° 1	28° 0	1°36	14°22	24°55	28° 3	11° 5	12°23	9°45	n.a.	F 30
S 31	16 15 48	3♊57'21	23♓24	26♊45	17♊40	19♊39	27♋53	1♈41	14♑21	24♓56	28♋ 4	11♋ 3	12♋20	9♊52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	13n28	18s29	2s53	10n15	0s34	15n 5	0s11	21n18	0n51	20s 6	0n37	2s39	2s20	23s23	0s30	3s57	1s46	31n46	11n 8	23n 5	22n59	18n35			n.a.
F 2	13 47	14 50	3 45	11 11	0 23	15 30	0 9	21 27	0 51	20 5	0 37	2 36	2 20	23 23	0 30	3 56	1 46	31 46	11 8	23 5	23 0	18 36			n.a.
S 3	14 6	10 34	4 25	12 6	0 12	15 55	0 7	21 35	0 51	20 4	0 37	2 34	2 20	23 23	0 30	3 55	1 46	31 46	11 7	23 6	23 0	18 38			n.a.
S 4	14 25	5 55	4 51	13 1	0 2	16 20	0 4	21 43	0 52	20 2	0 37	2 31	2 21	23 23	0 30	3 55	1 46	31 45	11 7	23 6	23 0	18 40			n.a.
M 5	14 44	1 6	5 3	13 55	0n 9	16 44	0 2	21 51	0 52	20 1	0 37	2 29	2 21	23 23	0 30	3 54	1 46	31 45	11 7	23 7	23 1	18 42			n.a.
T 6	15 2	3n42	5 0	14 48	0 19	17 7	0n 0	21 59	0 52	20 0	0 37	2 26	2 21	23 24	0 30	3 53	1 46	31 45	11 7	23 8	23 1	18 44			n.a.
W 7	15 20	8 19	4 43	15 40	0 30	17 31	0 3	22 7	0 53	19 59	0 37	2 24	2 21	23 24	0 30	3 53	1 46	31 44	11 6	23 9	23 1	18 45			n.a.
T 8	15 38	12 34	4 15	16 31	0 40	17 53	0 5	22 15	0 53	19 57	0 37	2 21	2 21	23 24	0 30	3 52	1 46	31 44	11 6	23 10	23 2	18 47			n.a.
F 9	15 56	16 17	3 35	17 20	0 49	18 16	0 8	22 22	0 53	19 56	0 37	2 19	2 21	23 24	0 30	3 51	1 46	31 43	11 6	23 11	23 2	18 49			n.a.
S 10	16 13	19 21	2 46	18 7	0 59	18 37	0 10	22 29	0 54	19 55	0 36	2 17	2 22	23 24	0 30	3 51	1 46	31 43	11 6	23 12	23 2	18 51			n.a.
S 11	16 30	21 35	1 49	18 53	1 7	18 59	0 12	22 36	0 54	19 53	0 36	2 14	2 22	23 24	0 30	3 50	1 46	31 43	11 5	23 12	23 3	18 53			n.a.
M12	16 47	22 54	0 48	19 36	1 16	19 20	0 15	22 43	0 54	19 52	0 36	2 12	2 22	23 24	0 30	3 50	1 46	31 42	11 5	23 12	23 3	18 54			n.a.
T 13	17 4	23 11	0n15	20 16	1 23	19 40	0 17	22 50	0 55	19 50	0 36	2 10	2 22	23 24	0 30	3 49	1 46	31 42	11 5	23 12	23 3	18 56			n.a.
W14	17 20	22 24	1 19	20 55	1 30	20 0	0 20	22 56	0 55	19 49	0 36	2 7	2 22	23 24	0 30	3 48	1 46	31 41	11 5	23 12	23 4	18 58			n.a.
T 15	17 36	20 33	2 20	21 31	1 37	20 19	0 22	23 2	0 55	19 47	0 36	2 5	2 22	23 25	0 30	3 48	1 46	31 41	11 4	23 12	23 4	19 0			n.a.
F 16	17 52	17 41	3 17	22 4	1 43	20 38	0 24	23 8	0 56	19 46	0 36	2 3	2 23	23 25	0 30	3 47	1 46	31 41	11 4	23 12	23 4	19 1			n.a.
S 17	18 7	13 53	4 5	22 35	1 48	20 56	0 27	23 14	0 56	19 44	0 36	2 1	2 23	23 25	0 31	3 47	1 47	31 40	11 4	23 12	23 5	19 3			n.a.
S 18	18 23	9 18	4 41	23 3	1 52	21 14	0 29	23 20	0 56	19 43	0 36	1 58	2 23	23 25	0 31	3 46	1 47	31 40	11 4	23 13	23 5	19 5			n.a.
M19	18 38	4 5	5 3	23 28	1 56	21 31	0 31	23 26	0 56	19 41	0 35	1 56	2 23	23 25	0 31	3 46	1 47	31 39	11 4	23 13	23 5	19 7			n.a.
T 20	18 52	1s31	5 7	23 51	1 59	21 47	0 34	23 31	0 57	19 40	0 35	1 54	2 23	23 25	0 31	3 45	1 47	31 39	11 3	23 14	23 6	19 9			n.a.
W21	19 6	7 12	4 51	24 11	2 1	22 3	0 36	23 36	0 57	19 38	0 35	1 52	2 24	23 26	0 31	3 45	1 47	31 38	11 3	23 14	23 6	19 10			n.a.
T 22	19 20	12 36	4 15	24 29	2 3	22 18	0 38	23 41	0 57	19 37	0 35	1 50	2 24	23 26	0 31	3 44	1 47	31 38	11 3	23 15	23 6	19 12			n.a.
F 23	19 34	17 16	3 21	24 44	2 3	22 33	0 40	23 46	0 58	19 35	0 35	1 48	2 24	23 26	0 31	3 44	1 47	31 38	11 3	23 15	23 6	19 14			n.a.
S 24	19 47	20 47	2 12	24 57	2 4	22 47	0 43	23 51	0 58	19 34	0 35	1 46	2 24	23 26	0 31	3 43	1 47	31 37	11 2	23 16	23 7	19 16			n.a.
S 25	20 0	22 49	0 55	25 8	2 3	23 0	0 45	23 56	0 58	19 32	0 35	1 44	2 24	23 26	0 31	3 43	1 47	31 37	11 2	23 16	23 7	19 17			n.a.
M26	20 13	23 13	0s25	25 16	2 2	23 13	0 47	24 0	0 58	19 31	0 34	1 42	2 25	23 26	0 31	3 43	1 47	31 36	11 2	23 16	23 7	19 19			n.a.
T 27	20 26	22 3	1 41	25 22	2 0	23 25	0 49	24 4	0 59	19 29	0 34	1 40	2 25	23 27	0 31	3 42	1 47	31 36	11 2	23 16	23 8	19 21			n.a.
W28	20 38	19 33	2 49	25 27	1 58	23 36	0 51	24 8	0 59	19 27	0 34	1 38	2 25	23 27	0 31	3 42	1 47	31 35	11 2	23 16	23 8	19 22			n.a.
T 29	20 49	16 2	3 46	25 29	1 54	23 46	0 53	24 12	0 59	19 26	0 34	1 37	2 25	23 27	0 31	3 41	1 47	31 35	11 1	23 16	23 8	19 24			n.a.
F 30	21 1	11 49	4 28	25 29	1 51	23 56	0 55	24 15	0 59	19 24	0 34	1 35	2 26	23 27	0 31	3 41	1 47	31 34	11 1	23 16	23 9	19 26			n.a.
S 31	21n12	7s11	4s57	25n27	1n46	24n 6	0n57	24n19	1n 0	19s23	0n34	1s33	2s26	23s27	0s31	3s41	1s47	31n34	11n 1	23n16	23n 9	19n28			n.a.

Julian Day Number = 1622560.5, Delta T = 03h46m39s
Ecliptic obliquity = 23°43'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'27, Lahiri = - 7°41'27 Julian Calendar 1 May 271 BCE == Greg. Calendar 27 Apr. 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

JUNE 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 19 45	4♊54'27	5♈55	28♊15	18♊53	20♊17	27°R45	1♈46	14°R19	24♓57	28♋ 6	11°R 0	12♋17	9♊59	n.a.	S 1
M 2	16 23 42	5°51'34	18°14	29°41	20° 7	20°56	27♏38	1°51	14♉17	24°58	28° 7	10♋55	12°14	10° 5	n.a.	M 2
T 3	16 27 38	6°48'41	0♉21	1♋ 6	21°20	21°34	27°30	1°55	14°16	24°59	28° 8	10°50	12°10	10°12	n.a.	T 3
W 4	16 31 35	7°45'48	12°21	2°28	22°34	22°12	27°23	2° 0	14°14	25° 0	28°10	10°44	12° 7	10°19	n.a.	W 4
T 5	16 35 31	8°42'55	24°14	3°47	23°47	22°51	27°15	2° 4	14°12	25° 1	28°11	10°38	12° 4	10°25	n.a.	T 5
F 6	16 39 28	9°40'03	6♊ 4	5° 4	25° 1	23°29	27° 8	2° 9	14°10	25° 2	28°12	10°33	12° 1	10°32	n.a.	F 6
S 7	16 43 24	10°37'11	17°52	6°19	26°14	24° 7	27° 1	2°13	14° 9	25° 3	28°14	10°30	11°58	10°39	n.a.	S 7
S 8	16 47 21	11°34'19	29°41	7°31	27°28	24°45	26°53	2°18	14° 7	25° 3	28°15	10°28	11°55	10°45	n.a.	S 8
M 9	16 51 17	12°31'28	11♋32	8°40	28°41	25°24	26°46	2°22	14° 5	25° 4	28°17	10°D28	11°51	10°52	n.a.	M 9
T 10	16 55 14	13°28'36	23°28	9°46	29°55	26° 2	26°39	2°26	14° 3	25° 5	28°18	10°28	11°48	10°59	n.a.	T 10
W11	16 59 11	14°25'45	5♌34	10°50	1♋ 8	26°40	26°32	2°30	14° 1	25° 6	28°20	10°30	11°45	11° 5	n.a.	W11
T 12	17 3 7	15°22'54	17°51	11°51	2°22	27°18	26°25	2°34	13°59	25° 6	28°21	10°31	11°42	11°12	n.a.	T 12
F 13	17 7 4	16°20'03	0♍24	12°49	3°35	27°57	26°18	2°38	13°57	25° 7	28°23	10°33	11°39	11°19	n.a.	F 13
S 14	17 11 0	17°17'12	13°18	13°43	4°49	28°35	26°12	2°42	13°55	25° 8	28°24	10°R33	11°35	11°25	n.a.	S 14
S 15	17 14 57	18°14'21	26°34	14°35	6° 2	29°13	26° 5	2°46	13°53	25° 8	28°26	10°33	11°32	11°32	n.a.	S 15
M16	17 18 53	19°11'31	10♎17	15°23	7°15	29°51	25°59	2°49	13°51	25° 9	28°28	10°32	11°29	11°39	n.a.	M16
T 17	17 22 50	20° 8'41	24°26	16° 7	8°29	0♋29	25°52	2°53	13°49	25°10	28°29	10°30	11°26	11°45	n.a.	T 17
W18	17 26 46	21° 5'51	9♏ 0	16°48	9°42	1° 8	25°46	2°56	13°46	25°10	28°31	10°28	11°23	11°52	n.a.	W18
T 19	17 30 43	22° 3'01	23°55	17°25	10°56	1°46	25°40	3° 0	13°44	25°11	28°33	10°25	11°20	11°59	n.a.	T 19
F 20	17 34 40	23° 0'12	9♐ 3	17°59	12° 9	2°24	25°34	3° 3	13°42	25°11	28°34	10°23	11°16	12° 5	n.a.	F 20
S 21	17 38 36	23°57'24	24°15	18°27	13°23	3° 2	25°28	3° 6	13°40	25°11	28°36	10°22	11°13	12°12	n.a.	S 21
S 22	17 42 33	24°54'36	9♑21	18°52	14°36	3°40	25°22	3° 9	13°38	25°12	28°38	10°D22	11°10	12°19	n.a.	S 22
M23	17 46 29	25°51'49	24°14	19°12	15°49	4°19	25°16	3°12	13°35	25°12	28°39	10°22	11° 7	12°25	n.a.	M23
T 24	17 50 26	26°49'03	8♒45	19°28	17° 3	4°57	25°11	3°15	13°33	25°12	28°41	10°23	11° 4	12°32	n.a.	T 24
W25	17 54 22	27°46'18	22°51	19°39	18°16	5°35	25° 5	3°18	13°31	25°13	28°43	10°24	11° 1	12°39	n.a.	W25
T 26	17 58 19	28°43'34	6♓31	19°45	19°29	6°13	25° 0	3°20	13°29	25°13	28°44	10°25	10°57	12°45	n.a.	T 26
F 27	18 2 16	29°40'51	19°45	19°R46	20°43	6°51	24°55	3°23	13°26	25°13	28°46	10°25	10°54	12°52	n.a.	F 27
S 28	18 6 12	0♋38'09	2♈35	19°42	21°56	7°29	24°50	3°26	13°24	25°13	28°48	10°R26	10°51	12°59	n.a.	S 28
S 29	18 10 9	1°35'29	15° 5	19°33	23° 9	8° 8	24°45	3°28	13°22	25°14	28°50	10°25	10°48	13° 5	n.a.	S 29
M30	18 14 5	2♋32'49	27♈19	19♋19	24♋23	8♋46	24♏40	3♈30	13♉19	25♓14	28♋52	10♋25	10♋45	13♊12	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n22	2s21	5s10	25n24	1n41	24n14	0n59	24n22	1n 0	19s21	0n34	1s31	2s26	23s28	0s31	3s40	1s47	31n33	11n 1	23n16	23n 9	19n29		n.a.
M 2	21 33	2n29	5 9	25 19	1 36	24 22	1 1	24 25	1 0	19 20	0 33	1 29	2 26	23 28	0 31	3 40	1 47	31 33	11 1	23 16	23 9	19 31		n.a.
T 3	21 42	7 9	4 54	25 13	1 30	24 29	1 3	24 28	1 0	19 18	0 33	1 28	2 27	23 28	0 31	3 39	1 48	31 32	11 1	23 17	23 10	19 33		n.a.
W 4	21 52	11 31	4 26	25 5	1 23	24 35	1 5	24 30	1 1	19 16	0 33	1 26	2 27	23 28	0 31	3 39	1 48	31 32	11 0	23 17	23 10	19 34		n.a.
T 5	22 1	15 24	3 46	24 56	1 16	24 41	1 6	24 33	1 1	19 15	0 33	1 25	2 27	23 28	0 31	3 39	1 48	31 32	11 0	23 18	23 10	19 36		n.a.
F 6	22 10	18 40	2 57	24 46	1 8	24 46	1 8	24 35	1 1	19 13	0 33	1 23	2 27	23 29	0 31	3 39	1 48	31 31	11 0	23 18	23 11	19 38		n.a.
S 7	22 18	21 10	2 1	24 34	1 0	24 50	1 10	24 37	1 1	19 12	0 33	1 21	2 28	23 29	0 31	3 38	1 48	31 31	11 0	23 18	23 11	19 40		n.a.
S 8	22 27	22 45	0 59	24 21	0 51	24 54	1 12	24 39	1 2	19 10	0 32	1 20	2 28	23 29	0 31	3 38	1 48	31 30	11 0	23 19	23 11	19 41		n.a.
M 9	22 34	23 19	0n 6	24 8	0 42	24 56	1 13	24 41	1 2	19 9	0 32	1 18	2 28	23 29	0 31	3 38	1 48	31 30	11 0	23 19	23 11	19 43		n.a.
T 10	22 41	22 49	1 11	23 53	0 32	24 58	1 15	24 42	1 2	19 7	0 32	1 17	2 28	23 30	0 31	3 37	1 48	31 29	10 59	23 19	23 12	19 45		n.a.
W11	22 48	21 16	2 14	23 38	0 22	25 0	1 16	24 43	1 2	19 6	0 32	1 16	2 29	23 30	0 31	3 37	1 48	31 29	10 59	23 18	23 12	19 46		n.a.
T 12	22 55	18 42	3 12	23 22	0 11	25 0	1 18	24 44	1 2	19 4	0 32	1 14	2 29	23 30	0 31	3 37	1 48	31 28	10 59	23 18	23 12	19 48		n.a.
F 13	23 1	15 13	4 1	23 6	0s 0	25 0	1 19	24 45	1 3	19 3	0 31	1 13	2 29	23 30	0 31	3 37	1 48	31 28	10 59	23 18	23 13	19 50		n.a.
S 14	23 7	10 57	4 41	22 49	0 12	24 59	1 20	24 46	1 3	19 2	0 31	1 12	2 29	23 30	0 31	3 37	1 48	31 27	10 59	23 18	23 13	19 51		n.a.
S 15	23 12	6 3	5 6	22 32	0 24	24 57	1 22	24 47	1 3	19 0	0 31	1 10	2 30	23 31	0 31	3 36	1 48	31 27	10 59	23 18	23 13	19 53		n.a.
M16	23 17	0 42	5 15	22 14	0 36	24 54	1 23	24 47	1 3	18 59	0 31	1 9	2 30	23 31	0 31	3 36	1 48	31 26	10 59	23 18	23 13	19 55		n.a.
T 17	23 21	4s50	5 6	21 56	0 48	24 51	1 24	24 47	1 4	18 58	0 31	1 8	2 30	23 31	0 31	3 36	1 48	31 26	10 58	23 18	23 14	19 56		n.a.
W18	23 25	10 17	4 37	21 39	1 1	24 47	1 25	24 47	1 4	18 56	0 31	1 7	2 30	23 31	0 31	3 36	1 48	31 25	10 58	23 19	23 14	19 58		n.a.
T 19	23 29	15 16	3 49	21 21	1 15	24 42	1 26	24 47	1 4	18 55	0 30	1 6	2 31	23 32	0 31	3 36	1 49	31 25	10 58	23 19	23 14	20 0		n.a.
F 20	23 32	19 22	2 45	21 3	1 28	24 37	1 27	24 46	1 4	18 54	0 30	1 5	2 31	23 32	0 31	3 36	1 49	31 24	10 58	23 19	23 15	20 1		n.a.
S 21	23 35	22 8	1 28	20 46	1 42	24 30	1 28	24 46	1 4	18 52	0 30	1 4	2 31	23 32	0 31	3 36	1 49	31 24	10 58	23 19	23 15	20 3		n.a.
S 22	23 38	23 18	0 6	20 29	1 55	24 24	1 29	24 45	1 4	18 51	0 30	1 3	2 31	23 32	0 31	3 35	1 49	31 23	10 58	23 19	23 15	20 4		n.a.
M23	23 40	22 46	1s16	20 12	2 9	24 16	1 30	24 44	1 5	18 50	0 30	1 2	2 32	23 33	0 31	3 35	1 49	31 23	10 58	23 19	23 15	20 6		n.a.
T 24	23 41	20 43	2 31	19 56	2 23	24 7	1 31	24 43	1 5	18 49	0 29	1 1	2 32	23 33	0 31	3 35	1 49	31 22	10 58	23 19	23 16	20 8		n.a.
W25	23 42	17 26	3 34	19 41	2 37	23 58	1 31	24 41	1 5	18 48	0 29	1 0	2 32	23 33	0 31	3 35	1 49	31 22	10 58	23 19	23 16	20 9		n.a.
T 26	23 43	13 18	4 23	19 26	2 51	23 48	1 32	24 40	1 5	18 47	0 29	0 59	2 33	23 33	0 31	3 35	1 49	31 21	10 57	23 19	23 16	20 11		n.a.
F 27	23 44	8 39	4 57	19 13	3 4	23 38	1 32	24 38	1 5	18 46	0 29	0 58	2 33	23 34	0 31	3 35	1 49	31 21	10 57	23 19	23 16	20 13		n.a.
S 28	23 44	3 45	5 14	19 1	3 17	23 27	1 33	24 36	1 6	18 45	0 29	0 58	2 33	23 34	0 31	3 35	1 49	31 21	10 57	23 19	23 17	20 14		n.a.
S 29	23 43	1n10	5 16	18 49	3 30	23 15	1 33	24 34	1 6	18 44	0 28	0 57	2 33	23 34	0 31	3 35	1 49	31 20	10 57	23 19	23 17	20 16		n.a.
M30	23n42	5n56	5s 4	18n39	3s42	23n 2	1n34	24n32	1n 6	18s43	0n28	0s56	2s34	23s34	0s31	3s35	1s49	31n20	10n57	23n19	23n17	20n17		n.a.

Julian Day Number = 1622591.5, Delta T = 03h46m38s
Ecliptic obliquity = 23°43'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'23, Lahiri = - 7°41'22 Julian Calendar 1 June 271 BCE == Greg. Calendar 28 May 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

JULY 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 18 2	3♋30'11	9♉22	18°R59	25♋36	9♋24	24°R36	3♈32	13°R17	25♓14	28♋53	10°R24	10♋41	13♊19	n.a.	T 1
W 2	18 21 58	4°27'34	21°16	18♋35	26°49	10° 2	24♏31	3°35	13♑15	25°14	28°55	10♋23	10°38	13°25	n.a.	W 2
T 3	18 25 55	5°24'59	3♊ 5	18° 6	28° 3	10°40	24°27	3°37	13°12	25°R14	28°57	10°22	10°35	13°32	n.a.	T 3
F 4	18 29 51	6°22'24	14°53	17°33	29°16	11°19	24°23	3°38	13°10	25°14	28°59	10°22	10°32	13°38	n.a.	F 4
S 5	18 33 48	7°19'51	26°43	16°56	0♌29	11°57	24°19	3°40	13° 8	25°14	29° 1	10°21	10°29	13°45	n.a.	S 5
S 6	18 37 45	8°17'19	8♋35	16°15	1°43	12°35	24°15	3°42	13° 5	25°14	29° 3	10°D21	10°26	13°52	n.a.	S 6
M 7	18 41 41	9°14'48	20°34	15°31	2°56	13°13	24°12	3°44	13° 3	25°14	29° 5	10°21	10°22	13°58	n.a.	M 7
T 8	18 45 38	10°12'19	2♌41	14°45	4° 9	13°51	24° 9	3°45	13° 0	25°14	29° 6	10°R21	10°19	14° 5	n.a.	T 8
W 9	18 49 34	11° 9'50	14°57	13°58	5°22	14°29	24° 5	3°46	12°58	25°13	29° 8	10°21	10°16	14°12	n.a.	W 9
T 10	18 53 31	12° 7'22	27°25	13°10	6°36	15° 8	24° 2	3°48	12°56	25°13	29°10	10°21	10°13	14°18	n.a.	T 10
F 11	18 57 27	13° 4'56	10♍ 8	12°22	7°49	15°46	24° 0	3°49	12°53	25°13	29°12	10°21	10°10	14°25	n.a.	F 11
S 12	19 1 24	14° 2'30	23° 7	11°35	9° 2	16°24	23°57	3°50	12°51	25°13	29°14	10°21	10° 7	14°32	n.a.	S 12
S 13	19 5 20	15° 0'06	6♎24	10°50	10°15	17° 2	23°54	3°51	12°48	25°12	29°16	10°20	10° 3	14°38	n.a.	S 13
M14	19 9 17	15°57'42	20° 2	10° 9	11°28	17°40	23°52	3°52	12°46	25°12	29°18	10°D20	10° 0	14°45	n.a.	M14
T 15	19 13 14	16°55'20	4♏ 0	9°31	12°42	18°19	23°50	3°52	12°44	25°12	29°20	10°21	9°57	14°52	n.a.	T 15
W16	19 17 10	17°52'59	18°19	8°57	13°55	18°57	23°48	3°53	12°41	25°11	29°22	10°21	9°54	14°58	n.a.	W16
T 17	19 21 7	18°50'39	2♐55	8°30	15° 8	19°35	23°46	3°54	12°39	25°11	29°24	10°22	9°51	15° 5	n.a.	T 17
F 18	19 25 3	19°48'20	17°45	8° 8	16°21	20°13	23°45	3°54	12°36	25°10	29°26	10°23	9°47	15°12	n.a.	F 18
S 19	19 29 0	20°46'03	2♑42	7°52	17°34	20°51	23°44	3°54	12°34	25°10	29°28	10°23	9°44	15°18	n.a.	S 19
S 20	19 32 56	21°43'47	17°38	7°44	18°47	21°30	23°42	3°55	12°32	25° 9	29°30	10°R23	9°41	15°25	n.a.	S 20
M21	19 36 53	22°41'32	2♒26	7°D43	20° 0	22° 8	23°41	3°55	12°29	25° 9	29°32	10°22	9°38	15°32	n.a.	M21
T 22	19 40 49	23°39'20	16°58	7°50	21°13	22°46	23°41	3°R55	12°27	25° 8	29°34	10°21	9°35	15°38	n.a.	T 22
W23	19 44 46	24°37'08	1♓ 8	8° 4	22°26	23°24	23°40	3°55	12°25	25° 8	29°36	10°20	9°32	15°45	n.a.	W23
T 24	19 48 43	25°34'59	14°53	8°26	23°39	24° 2	23°40	3°54	12°22	25° 7	29°38	10°18	9°28	15°52	n.a.	T 24
F 25	19 52 39	26°32'51	28°12	8°56	24°52	24°41	23°39	3°54	12°20	25° 6	29°40	10°16	9°25	15°58	n.a.	F 25
S 26	19 56 36	27°30'45	11♈ 7	9°33	26° 5	25°19	23°D39	3°54	12°18	25° 6	29°42	10°14	9°22	16° 5	n.a.	S 26
S 27	20 0 32	28°28'41	23°40	10°18	27°18	25°57	23°39	3°53	12°15	25° 5	29°44	10°D14	9°19	16°12	n.a.	S 27
M28	20 4 29	29°26'39	5♉54	11°11	28°31	26°35	23°40	3°52	12°13	25° 4	29°46	10°14	9°16	16°18	n.a.	M28
T 29	20 8 25	0♌24'40	17°55	12°10	29°44	27°14	23°40	3°52	12°11	25° 3	29°48	10°14	9°13	16°25	n.a.	T 29
W30	20 12 22	1°22'42	29°48	13°16	0♍57	27°52	23°41	3°51	12° 9	25° 3	29°50	10°16	9° 9	16°32	n.a.	W30
T 31	20 16 18	2♌20'46	11♊36	14♋29	2♍10	28♋30	23♏42	3♈50	12♑ 7	25♓ 2	29♋52	10♋18	9♋ 6	16♊38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n41	10n24	4s38	18n31	3s53	22n49	1n34	24n29	1n 6	18s42	0n28	0s56	2s34	23s35	0s31	3s35	1s49	31n19	10n57	23n19	23n17	20n19			n.a.
W 2	23 39	14 26	4 0	18 23	4 4	22 35	1 34	24 27	1 6	18 41	0 28	0 55	2 34	23 35	0 31	3 35	1 49	31 19	10 57	23 19	23 18	20 21			n.a.
T 3	23 37	17 53	3 13	18 18	4 14	22 20	1 34	24 24	1 6	18 40	0 28	0 54	2 35	23 35	0 32	3 35	1 49	31 18	10 57	23 19	23 18	20 22			n.a.
F 4	23 34	20 36	2 17	18 14	4 22	22 5	1 34	24 21	1 6	18 39	0 27	0 54	2 35	23 35	0 32	3 35	1 50	31 18	10 57	23 19	23 18	20 24			n.a.
S 5	23 31	22 26	1 15	18 11	4 29	21 49	1 34	24 17	1 7	18 38	0 27	0 54	2 35	23 36	0 32	3 35	1 50	31 17	10 57	23 19	23 18	20 25			n.a.
S 6	23 28	23 17	0 10	18 10	4 35	21 33	1 34	24 14	1 7	18 38	0 27	0 53	2 35	23 36	0 32	3 35	1 50	31 17	10 57	23 19	23 19	20 27			n.a.
M 7	23 24	23 4	0n56	18 11	4 39	21 16	1 34	24 10	1 7	18 37	0 27	0 53	2 36	23 36	0 32	3 36	1 50	31 16	10 57	23 19	23 19	20 29			n.a.
T 8	23 20	21 45	2 1	18 14	4 42	20 58	1 34	24 7	1 7	18 36	0 27	0 52	2 36	23 36	0 32	3 36	1 50	31 16	10 57	23 19	23 19	20 30			n.a.
W 9	23 15	19 25	3 1	18 18	4 43	20 40	1 33	24 3	1 7	18 36	0 26	0 52	2 36	23 37	0 32	3 36	1 50	31 15	10 57	23 19	23 19	20 32			n.a.
T 10	23 10	16 9	3 53	18 24	4 42	20 21	1 33	23 58	1 7	18 35	0 26	0 52	2 37	23 37	0 32	3 36	1 50	31 15	10 57	23 19	23 20	20 33			n.a.
F 11	23 5	12 5	4 35	18 31	4 39	20 1	1 33	23 54	1 7	18 35	0 26	0 52	2 37	23 37	0 32	3 36	1 50	31 15	10 57	23 19	23 20	20 35			n.a.
S 12	22 59	7 24	5 3	18 40	4 34	19 41	1 32	23 49	1 8	18 34	0 26	0 52	2 37	23 37	0 32	3 36	1 50	31 14	10 57	23 19	23 20	20 36			n.a.
S 13	22 52	2 16	5 17	18 50	4 28	19 21	1 31	23 45	1 8	18 34	0 25	0 51	2 37	23 38	0 32	3 36	1 50	31 14	10 57	23 19	23 20	20 38			n.a.
M14	22 46	3s 6	5 13	19 1	4 19	19 0	1 31	23 40	1 8	18 33	0 25	0 51	2 38	23 38	0 32	3 37	1 50	31 13	10 57	23 19	23 21	20 40			n.a.
T 15	22 38	8 27	4 51	19 14	4 10	18 38	1 30	23 35	1 8	18 33	0 25	0 51	2 38	23 38	0 32	3 37	1 50	31 13	10 57	23 19	23 21	20 41			n.a.
W16	22 31	13 29	4 11	19 27	3 58	18 16	1 29	23 30	1 8	18 33	0 25	0 51	2 38	23 38	0 32	3 37	1 50	31 12	10 57	23 19	23 21	20 43			n.a.
T 17	22 23	17 50	3 13	19 42	3 46	17 54	1 28	23 24	1 8	18 33	0 25	0 51	2 39	23 39	0 32	3 37	1 50	31 12	10 57	23 19	23 21	20 44			n.a.
F 18	22 15	21 8	2 2	19 57	3 32	17 31	1 27	23 19	1 8	18 32	0 24	0 51	2 39	23 39	0 32	3 38	1 50	31 11	10 57	23 19	23 22	20 46			n.a.
S 19	22 6	22 59	0 43	20 13	3 17	17 7	1 26	23 13	1 8	18 32	0 24	0 52	2 39	23 39	0 32	3 38	1 50	31 11	10 57	23 19	23 22	20 47			n.a.
S 20	21 57	23 13	0s40	20 29	3 1	16 43	1 25	23 7	1 9	18 32	0 24	0 52	2 40	23 39	0 32	3 38	1 51	31 11	10 57	23 19	23 22	20 49			n.a.
M21	21 48	21 47	1 59	20 45	2 45	16 19	1 24	23 1	1 9	18 32	0 24	0 52	2 40	23 39	0 32	3 38	1 51	31 10	10 57	23 19	23 22	20 50			n.a.
T 22	21 38	18 56	3 9	21 1	2 28	15 54	1 23	22 55	1 9	18 32	0 24	0 52	2 40	23 40	0 32	3 39	1 51	31 10	10 57	23 19	23 23	20 52			n.a.
W23	21 27	15 1	4 5	21 18	2 11	15 29	1 21	22 48	1 9	18 32	0 23	0 53	2 40	23 40	0 32	3 39	1 51	31 9	10 57	23 19	23 23	20 53			n.a.
T 24	21 17	10 24	4 46	21 33	1 54	15 3	1 20	22 41	1 9	18 32	0 23	0 53	2 41	23 40	0 32	3 39	1 51	31 9	10 57	23 19	23 23	20 55			n.a.
F 25	21 6	5 26	5 9	21 48	1 37	14 37	1 18	22 35	1 9	18 32	0 23	0 53	2 41	23 40	0 32	3 40	1 51	31 9	10 57	23 20	23 23	20 56			n.a.
S 26	20 55	0 23	5 16	22 3	1 20	14 11	1 17	22 28	1 9	18 33	0 23	0 54	2 41	23 41	0 32	3 40	1 51	31 8	10 57	23 20	23 24	20 58			n.a.
S 27	20 43	4n32	5 8	22 16	1 3	13 44	1 15	22 21	1 9	18 33	0 23	0 54	2 42	23 41	0 32	3 40	1 51	31 8	10 57	23 20	23 24	20 59			n.a.
M28	20 31	9 10	4 45	22 28	0 47	13 17	1 13	22 13	1 9	18 33	0 22	0 55	2 42	23 41	0 32	3 41	1 51	31 7	10 57	23 20	23 24	21 1			n.a.
T 29	20 18	13 22	4 10	22 39	0 31	12 49	1 12	22 6	1 9	18 33	0 22	0 55	2 42	23 41	0 32	3 41	1 51	31 7	10 57	23 20	23 24	21 2			n.a.
W30	20 6	17 0	3 25	22 47	0 16	12 21	1 10	21 58	1 9	18 34	0 22	0 56	2 42	23 41	0 32	3 41	1 51	31 7	10 57	23 20	23 24	21 4			n.a.
T 31	19n52	19n56	2s32	22n54	0s 2	11n53	1n 8	21n51	1n10	18s34	0n22	0s57	2s43	23s42	0s32	3s42	1s51	31n 6	10n57	23n19	23n25	21n 5			n.a.

Julian Day Number = 1622621.5, Delta T = 03h46m37s
Ecliptic obliquity = 23°43'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'19, Lahiri = - 7°41'18 Julian Calendar 1 July 271 BCE == Greg. Calendar 27 June 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

AUGUST 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 20 15	3♌18'52	23♊25	15♋48	3♍22	29♋ 9	23♏43	3°R49	12°R 4	25°R 1	29♋54	10♋19	9♋ 3	16♊45	n.a.	F 1
S 2	20 24 12	4°17'00	5♋18	17°12	4°35	29°47	23°44	3♈48	12♑ 2	25♓ 0	29°55	10°R20	9° 0	16°52	n.a.	S 2
S 3	20 28 8	5°15'10	17°17	18°41	5°48	0♌25	23°46	3°46	12° 0	24°59	29°57	10°20	8°57	16°58	n.a.	S 3
M 4	20 32 5	6°13'22	29°27	20°15	7° 1	1° 3	23°47	3°45	11°58	24°58	29°59	10°19	8°53	17° 5	n.a.	M 4
T 5	20 36 1	7°11'36	11♌48	21°53	8°14	1°42	23°49	3°43	11°56	24°57	0♌ 1	10°16	8°50	17°12	n.a.	T 5
W 6	20 39 58	8° 9'52	24°21	23°34	9°26	2°20	23°51	3°42	11°54	24°56	0° 3	10°12	8°47	17°18	n.a.	W 6
T 7	20 43 54	9° 8'10	7♍ 8	25°19	10°39	2°58	23°53	3°40	11°52	24°55	0° 5	10° 8	8°44	17°25	n.a.	T 7
F 8	20 47 51	10° 6'29	20° 8	27° 6	11°52	3°37	23°56	3°38	11°50	24°54	0° 7	10° 3	8°41	17°32	n.a.	F 8
S 9	20 51 47	11° 4'50	3♎22	28°55	13° 4	4°15	23°58	3°37	11°48	24°53	0° 9	9°58	8°38	17°38	n.a.	S 9
S 10	20 55 44	12° 3'12	16°50	0♌46	14°17	4°54	24° 1	3°35	11°46	24°52	0°11	9°55	8°34	17°45	n.a.	S 10
M11	20 59 40	13° 1'37	0♏30	2°38	15°30	5°32	24° 4	3°32	11°44	24°51	0°13	9°53	8°31	17°52	n.a.	M11
T 12	21 3 37	14° 0'03	14°24	4°31	16°42	6°10	24° 7	3°30	11°42	24°49	0°15	9°D52	8°28	17°58	n.a.	T 12
W13	21 7 34	14°58'30	28°31	6°25	17°55	6°49	24°10	3°28	11°40	24°48	0°17	9°53	8°25	18° 5	n.a.	W13
T 14	21 11 30	15°57'00	12♐48	8°18	19° 7	7°27	24°14	3°26	11°38	24°47	0°19	9°54	8°22	18°11	n.a.	T 14
F 15	21 15 27	16°55'31	27°15	10°12	20°20	8° 5	24°18	3°23	11°36	24°46	0°21	9°55	8°19	18°18	n.a.	F 15
S 16	21 19 23	17°54'04	11♑48	12° 6	21°32	8°44	24°21	3°21	11°34	24°45	0°23	9°R56	8°15	18°25	n.a.	S 16
S 17	21 23 20	18°52'39	26°22	14° 0	22°45	9°22	24°25	3°18	11°33	24°43	0°25	9°55	8°12	18°31	n.a.	S 17
M18	21 27 16	19°51'16	10♒51	15°53	23°57	10° 1	24°30	3°15	11°31	24°42	0°27	9°52	8° 9	18°38	n.a.	M18
T 19	21 31 13	20°49'55	25° 9	17°45	25° 9	10°39	24°34	3°12	11°29	24°41	0°29	9°47	8° 6	18°45	n.a.	T 19
W20	21 35 9	21°48'36	9♓12	19°37	26°22	11°18	24°39	3° 9	11°28	24°39	0°30	9°41	8° 3	18°51	n.a.	W20
T 21	21 39 6	22°47'18	22°54	21°28	27°34	11°56	24°43	3° 6	11°26	24°38	0°32	9°34	7°59	18°58	n.a.	T 21
F 22	21 43 3	23°46'04	6♈13	23°18	28°46	12°34	24°48	3° 3	11°24	24°37	0°34	9°26	7°56	19° 5	n.a.	F 22
S 23	21 46 59	24°44'51	19°10	25° 8	29°58	13°13	24°53	3° 0	11°23	24°35	0°36	9°20	7°53	19°11	n.a.	S 23
S 24	21 50 56	25°43'41	1♉44	26°56	1♎10	13°51	24°58	2°57	11°21	24°34	0°38	9°16	7°50	19°18	n.a.	S 24
M25	21 54 52	26°42'33	14° 0	28°44	2°23	14°30	25° 4	2°53	11°20	24°32	0°40	9°13	7°47	19°25	n.a.	M25
T 26	21 58 49	27°41'28	26° 2	0♍31	3°35	15° 8	25° 9	2°50	11°19	24°31	0°42	9°D12	7°44	19°31	n.a.	T 26
W27	22 2 45	28°40'25	7♊54	2°17	4°47	15°47	25°15	2°46	11°17	24°29	0°43	9°12	7°40	19°38	n.a.	W27
T 28	22 6 42	29°39'24	19°43	4° 1	5°59	16°26	25°21	2°43	11°16	24°28	0°45	9°13	7°37	19°45	n.a.	T 28
F 29	22 10 38	0♍38'26	1♋32	5°45	7°11	17° 4	25°27	2°39	11°14	24°26	0°47	9°14	7°34	19°51	n.a.	F 29
S 30	22 14 35	1°37'30	13°28	7°28	8°23	17°43	25°33	2°35	11°13	24°25	0°49	9°R15	7°31	19°58	n.a.	S 30
S 31	22 18 32	2♍36'37	25♋34	9♍11	9♎35	18♌21	25♏39	2♈32	11♑12	24♓23	0♌50	9♋13	7♋28	20♊ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n39	22n 2	1s32	22n59	0n12	11n25	1n 6	21n43	1n10	18s35	0n22	0s57	2s43	23s42	0s32	3s42	1s51	31n 6	10n57	23n19	23n25	21n 7		n.a.
S 2	19 25	23 9	0 28	23 1	0 25	10 56	1 4	21 35	1 10	18 35	0 21	0 58	2 43	23 42	0 32	3 43	1 51	31 5	10 57	23 19	23 25	21 8		n.a.
S 3	19 11	23 14	0n38	23 1	0 37	10 27	1 2	21 26	1 10	18 36	0 21	0 59	2 44	23 42	0 32	3 43	1 51	31 5	10 58	23 19	23 25	21 10		n.a.
M 4	18 57	22 12	1 43	22 58	0 48	9 58	1 0	21 18	1 10	18 36	0 21	1 0	2 44	23 42	0 32	3 43	1 51	31 5	10 58	23 19	23 26	21 11		n.a.
T 5	18 42	20 5	2 44	22 53	0 58	9 28	0 57	21 9	1 10	18 37	0 21	1 0	2 44	23 43	0 32	3 44	1 51	31 4	10 58	23 20	23 26	21 13		n.a.
W 6	18 27	16 59	3 38	22 45	1 7	8 58	0 55	21 1	1 10	18 38	0 21	1 1	2 44	23 43	0 32	3 44	1 52	31 4	10 58	23 20	23 26	21 14		n.a.
T 7	18 11	13 3	4 23	22 34	1 16	8 28	0 53	20 52	1 10	18 38	0 20	1 2	2 45	23 43	0 32	3 45	1 52	31 4	10 58	23 20	23 26	21 15		n.a.
F 8	17 55	8 27	4 54	22 21	1 23	7 58	0 50	20 43	1 10	18 39	0 20	1 3	2 45	23 43	0 32	3 45	1 52	31 3	10 58	23 21	23 26	21 17		n.a.
S 9	17 39	3 23	5 10	22 5	1 29	7 28	0 48	20 34	1 10	18 40	0 20	1 4	2 45	23 43	0 32	3 46	1 52	31 3	10 58	23 21	23 27	21 18		n.a.
S 10	17 23	1s55	5 10	21 46	1 35	6 57	0 45	20 24	1 10	18 41	0 20	1 5	2 45	23 43	0 32	3 46	1 52	31 3	10 58	23 21	23 27	21 20		n.a.
M11	17 6	7 13	4 53	21 25	1 39	6 26	0 43	20 15	1 10	18 42	0 20	1 6	2 46	23 44	0 32	3 47	1 52	31 2	10 59	23 21	23 27	21 21		n.a.
T 12	16 50	12 15	4 18	21 1	1 43	5 55	0 40	20 5	1 10	18 43	0 19	1 7	2 46	23 44	0 32	3 47	1 52	31 2	10 59	23 21	23 27	21 23		n.a.
W13	16 32	16 42	3 27	20 36	1 45	5 24	0 37	19 56	1 10	18 44	0 19	1 9	2 46	23 44	0 32	3 48	1 52	31 2	10 59	23 21	23 27	21 24		n.a.
T 14	16 15	20 15	2 23	20 8	1 47	4 53	0 35	19 46	1 10	18 45	0 19	1 10	2 46	23 44	0 32	3 48	1 52	31 1	10 59	23 21	23 28	21 25		n.a.
F 15	15 57	22 33	1 9	19 38	1 49	4 22	0 32	19 36	1 10	18 46	0 19	1 11	2 47	23 44	0 32	3 49	1 52	31 1	10 59	23 21	23 28	21 27		n.a.
S 16	15 39	23 22	0s10	19 7	1 49	3 50	0 29	19 26	1 10	18 47	0 19	1 12	2 47	23 44	0 32	3 49	1 52	31 1	10 59	23 21	23 28	21 28		n.a.
S 17	15 21	22 35	1 28	18 34	1 49	3 19	0 26	19 15	1 10	18 48	0 19	1 13	2 47	23 45	0 31	3 50	1 52	31 1	10 59	23 21	23 28	21 30		n.a.
M18	15 2	20 17	2 40	17 59	1 48	2 47	0 23	19 5	1 10	18 49	0 18	1 15	2 47	23 45	0 31	3 51	1 52	31 0	11 0	23 21	23 28	21 31		n.a.
T 19	14 43	16 45	3 41	17 23	1 47	2 15	0 20	18 54	1 11	18 51	0 18	1 16	2 48	23 45	0 31	3 51	1 52	31 0	11 0	23 22	23 29	21 32		n.a.
W20	14 24	12 19	4 27	16 46	1 45	1 43	0 17	18 44	1 11	18 52	0 18	1 18	2 48	23 45	0 31	3 52	1 52	31 0	11 0	23 22	23 29	21 34		n.a.
T 21	14 5	7 22	4 56	16 8	1 42	1 12	0 14	18 33	1 11	18 53	0 18	1 19	2 48	23 45	0 31	3 52	1 52	31 0	11 0	23 23	23 29	21 35		n.a.
F 22	13 46	2 13	5 8	15 29	1 39	0 40	0 11	18 22	1 11	18 55	0 18	1 20	2 48	23 45	0 31	3 53	1 52	30 59	11 0	23 23	23 29	21 37		n.a.
S 23	13 26	2n54	5 4	14 48	1 36	0 8	0 8	18 11	1 11	18 56	0 17	1 22	2 48	23 45	0 31	3 53	1 52	30 59	11 1	23 24	23 29	21 38		n.a.
S 24	13 6	7 45	4 46	14 8	1 32	0s24	0 5	18 0	1 11	18 58	0 17	1 23	2 49	23 45	0 31	3 54	1 52	30 59	11 1	23 24	23 30	21 39		n.a.
M25	12 46	12 11	4 14	13 26	1 28	0 56	0 1	17 48	1 11	18 59	0 17	1 25	2 49	23 46	0 31	3 55	1 52	30 59	11 1	23 24	23 30	21 41		n.a.
T 26	12 25	16 4	3 32	12 44	1 24	1 28	0s 2	17 37	1 11	19 1	0 17	1 26	2 49	23 46	0 31	3 55	1 52	30 58	11 1	23 24	23 30	21 42		n.a.
W27	12 5	19 15	2 41	12 1	1 19	2 0	0 5	17 25	1 11	19 2	0 17	1 28	2 49	23 46	0 31	3 56	1 52	30 58	11 1	23 24	23 30	21 43		n.a.
T 28	11 44	21 36	1 43	11 18	1 14	2 32	0 9	17 13	1 11	19 4	0 17	1 30	2 49	23 46	0 31	3 56	1 52	30 58	11 2	23 24	23 30	21 45		n.a.
F 29	11 23	23 2	0 41	10 35	1 9	3 4	0 12	17 2	1 11	19 5	0 16	1 31	2 50	23 46	0 31	3 57	1 52	30 58	11 2	23 24	23 31	21 46		n.a.
S 30	11 1	23 25	0n23	9 51	1 4	3 36	0 15	16 50	1 11	19 7	0 16	1 33	2 50	23 46	0 31	3 58	1 53	30 58	11 2	23 24	23 31	21 48		n.a.
S 31	10n40	22n42	1n27	9n 7	0n58	4s 8	0s19	16n38	1n11	19s 9	0n16	1s35	2s50	23s46	0s31	3s58	1s53	30n57	11n 2	23n24	23n31	21n49		n.a.

Julian Day Number = 1622652.5, Delta T = 03h46m36s
Ecliptic obliquity = 23°43'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'15, Lahiri = - 7°41'14 Julian Calendar 1 Aug. 271 BCE == Greg. Calendar 28 July 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

SEPTEMBER 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 22 28	3♍35'45	7♌54	10♍52	10♎47	19♌ 0	25♏46	2°R28	11°R11	24°R22	0♌52	9°R 9	7♋24	20♊11	n.a.	M 1
T 2	22 26 25	4°34'56	20°30	12°32	11°58	19°39	25°52	2♈24	11♑10	24♓20	0°54	9♋ 3	7°21	20°18	n.a.	T 2
W 3	22 30 21	5°34'10	3♍22	14°12	13°10	20°17	25°59	2°20	11° 9	24°19	0°56	8°55	7°18	20°25	n.a.	W 3
T 4	22 34 18	6°33'25	16°32	15°51	14°22	20°56	26° 6	2°16	11° 8	24°17	0°57	8°45	7°15	20°31	n.a.	T 4
F 5	22 38 14	7°32'43	29°57	17°28	15°34	21°34	26°13	2°11	11° 7	24°16	0°59	8°35	7°12	20°38	n.a.	F 5
S 6	22 42 11	8°32'02	13♎34	19° 6	16°45	22°13	26°20	2° 7	11° 6	24°14	1° 1	8°25	7° 9	20°44	n.a.	S 6
S 7	22 46 7	9°31'24	27°22	20°42	17°57	22°52	26°28	2° 3	11° 5	24°12	1° 2	8°17	7° 5	20°51	n.a.	S 7
M 8	22 50 4	10°30'47	11♏17	22°17	19° 9	23°31	26°35	1°59	11° 4	24°11	1° 4	8°11	7° 2	20°58	n.a.	M 8
T 9	22 54 0	11°30'12	25°18	23°52	20°20	24° 9	26°43	1°54	11° 3	24° 9	1° 6	8° 8	6°59	21° 4	n.a.	T 9
W10	22 57 57	12°29'40	9♐22	25°26	21°32	24°48	26°51	1°50	11° 2	24° 7	1° 7	8°D 7	6°56	21°11	n.a.	W10
T 11	23 1 54	13°29'09	23°29	27° 0	22°43	25°27	26°59	1°45	11° 2	24° 6	1° 9	8° 7	6°53	21°18	n.a.	T 11
F 12	23 5 50	14°28'40	7♑37	28°32	23°54	26° 5	27° 7	1°41	11° 1	24° 4	1°10	8°R 7	6°50	21°24	n.a.	F 12
S 13	23 9 47	15°28'13	21°46	0♎ 4	25° 6	26°44	27°15	1°36	11° 0	24° 2	1°12	8° 6	6°46	21°31	n.a.	S 13
S 14	23 13 43	16°27'48	5♒54	1°35	26°17	27°23	27°23	1°32	11° 0	24° 1	1°13	8° 4	6°43	21°38	n.a.	S 14
M15	23 17 40	17°27'24	19°57	3° 6	27°28	28° 2	27°32	1°27	10°59	23°59	1°15	7°58	6°40	21°44	n.a.	M15
T 16	23 21 36	18°27'03	3♓52	4°36	28°39	28°41	27°40	1°22	10°59	23°57	1°16	7°50	6°37	21°51	n.a.	T 16
W17	23 25 33	19°26'43	17°35	6° 5	29°50	29°19	27°49	1°18	10°58	23°56	1°18	7°39	6°34	21°58	n.a.	W17
T 18	23 29 29	20°26'26	1♈ 3	7°33	1♏ 1	29°58	27°58	1°13	10°58	23°54	1°19	7°27	6°30	22° 4	n.a.	T 18
F 19	23 33 26	21°26'11	14°14	9° 1	2°12	0♍37	28° 7	1° 8	10°58	23°52	1°21	7°15	6°27	22°11	n.a.	F 19
S 20	23 37 23	22°25'57	27° 4	10°28	3°23	1°16	28°16	1° 4	10°57	23°51	1°22	7° 3	6°24	22°18	n.a.	S 20
S 21	23 41 19	23°25'47	9♉36	11°54	4°34	1°55	28°25	0°59	10°57	23°49	1°23	6°54	6°21	22°24	n.a.	S 21
M22	23 45 16	24°25'38	21°51	13°19	5°45	2°34	28°35	0°54	10°57	23°47	1°25	6°47	6°18	22°31	n.a.	M22
T 23	23 49 12	25°25'32	3♊52	14°44	6°55	3°13	28°44	0°49	10°57	23°46	1°26	6°43	6°15	22°38	n.a.	T 23
W24	23 53 9	26°25'28	15°44	16° 8	8° 6	3°51	28°54	0°44	10°57	23°44	1°27	6°41	6°11	22°44	n.a.	W24
T 25	23 57 5	27°25'27	27°32	17°31	9°17	4°30	29° 3	0°39	10°D57	23°42	1°29	6°D41	6° 8	22°51	n.a.	T 25
F 26	0 1 2	28°25'27	9♋22	18°53	10°27	5° 9	29°13	0°35	10°57	23°41	1°30	6°R41	6° 5	22°57	n.a.	F 26
S 27	0 4 58	29°25'30	21°18	20°14	11°38	5°48	29°23	0°30	10°57	23°39	1°31	6°40	6° 2	23° 4	n.a.	S 27
S 28	0 8 55	0♎25'36	3♌27	21°34	12°48	6°27	29°33	0°25	10°57	23°37	1°32	6°38	5°59	23°11	n.a.	S 28
M29	0 12 52	1°25'43	15°52	22°53	13°58	7° 6	29°43	0°20	10°57	23°36	1°33	6°33	5°56	23°17	n.a.	M29
T 30	0 16 48	2♎25'53	28♌38	24♎11	15♏ 8	7♍45	29♏53	0♈15	10♑57	23♓34	1♌35	6♋25	5♋52	23♊24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n18	20n53	2n28	8n23	0n52	4s39	0s22	16n25	1n11	19s10	0n16	1s36	2s50	23s46	0s31	3s59	1s53	30n57	11n 3	23n24	23n31	21n50		n.a.
T 2	9 57	18 2	3 23	7 38	0 46	5 11	0 26	16 13	1 11	19 12	0 16	1 38	2 50	23 46	0 31	4 0	1 53	30 57	11 3	23 25	23 31	21 52		n.a.
W 3	9 35	14 14	4 8	6 54	0 40	5 42	0 29	16 1	1 11	19 14	0 16	1 40	2 50	23 46	0 31	4 0	1 53	30 57	11 3	23 25	23 31	21 53		n.a.
T 4	9 13	9 42	4 42	6 9	0 33	6 14	0 33	15 48	1 11	19 16	0 15	1 42	2 51	23 46	0 31	4 1	1 53	30 57	11 3	23 26	23 32	21 54		n.a.
F 5	8 50	4 37	5 1	5 25	0 27	6 45	0 36	15 36	1 11	19 18	0 15	1 43	2 51	23 47	0 31	4 2	1 53	30 57	11 4	23 27	23 32	21 56		n.a.
S 6	8 28	0s46	5 3	4 40	0 20	7 16	0 40	15 23	1 11	19 19	0 15	1 45	2 51	23 47	0 31	4 2	1 53	30 56	11 4	23 27	23 32	21 57		n.a.
S 7	8 6	6 11	4 48	3 56	0 13	7 47	0 43	15 10	1 10	19 21	0 15	1 47	2 51	23 47	0 31	4 3	1 53	30 56	11 4	23 28	23 32	21 58		n.a.
M 8	7 43	11 21	4 15	3 12	0 7	8 18	0 47	14 57	1 10	19 23	0 15	1 49	2 51	23 47	0 31	4 4	1 53	30 56	11 4	23 28	23 32	21 59		n.a.
T 9	7 20	15 58	3 28	2 27	0s 0	8 49	0 50	14 44	1 10	19 25	0 15	1 51	2 51	23 47	0 31	4 4	1 53	30 56	11 5	23 29	23 32	22 1		n.a.
W10	6 57	19 42	2 27	1 43	0 7	9 19	0 54	14 31	1 10	19 27	0 14	1 53	2 51	23 47	0 31	4 5	1 53	30 56	11 5	23 29	23 33	22 2		n.a.
T 11	6 34	22 17	1 17	1 0	0 14	9 49	0 57	14 18	1 10	19 29	0 14	1 55	2 52	23 47	0 31	4 6	1 53	30 56	11 5	23 29	23 33	22 3		n.a.
F 12	6 11	23 28	0 3	0 16	0 21	10 20	1 1	14 4	1 10	19 31	0 14	1 57	2 52	23 47	0 31	4 6	1 53	30 56	11 6	23 29	23 33	22 5		n.a.
S 13	5 48	23 8	1s12	0s27	0 28	10 49	1 4	13 51	1 10	19 33	0 14	1 59	2 52	23 47	0 31	4 7	1 53	30 56	11 6	23 29	23 33	22 6		n.a.
S 14	5 24	21 19	2 22	1 11	0 35	11 19	1 8	13 37	1 10	19 35	0 14	2 0	2 52	23 47	0 31	4 8	1 53	30 56	11 6	23 29	23 33	22 7		n.a.
M15	5 1	18 13	3 23	1 53	0 42	11 48	1 11	13 24	1 10	19 37	0 14	2 2	2 52	23 47	0 31	4 8	1 53	30 56	11 6	23 29	23 33	22 8		n.a.
T 16	4 37	14 6	4 11	2 36	0 49	12 17	1 15	13 10	1 10	19 40	0 13	2 4	2 52	23 47	0 31	4 9	1 53	30 56	11 7	23 30	23 34	22 10		n.a.
W17	4 14	9 18	4 44	3 18	0 56	12 46	1 18	12 56	1 10	19 42	0 13	2 6	2 52	23 47	0 31	4 10	1 53	30 56	11 7	23 30	23 34	22 11		n.a.
T 18	3 50	4 9	5 0	4 0	1 3	13 15	1 22	12 42	1 10	19 44	0 13	2 8	2 52	23 47	0 31	4 10	1 53	30 56	11 7	23 31	23 34	22 12		n.a.
F 19	3 26	1n 5	4 59	4 41	1 10	13 43	1 25	12 28	1 10	19 46	0 13	2 10	2 52	23 47	0 31	4 11	1 53	30 55	11 8	23 32	23 34	22 13		n.a.
S 20	3 2	6 9	4 44	5 22	1 16	14 11	1 29	12 14	1 10	19 48	0 13	2 12	2 52	23 47	0 31	4 12	1 53	30 55	11 8	23 32	23 34	22 15		n.a.
S 21	2 38	10 51	4 14	6 2	1 23	14 39	1 32	12 0	1 10	19 50	0 13	2 14	2 52	23 47	0 31	4 12	1 53	30 55	11 8	23 33	23 34	22 16		n.a.
M22	2 14	15 0	3 34	6 42	1 30	15 6	1 36	11 46	1 10	19 53	0 13	2 16	2 52	23 47	0 31	4 13	1 53	30 55	11 9	23 33	23 35	22 17		n.a.
T 23	1 50	18 29	2 45	7 21	1 36	15 33	1 39	11 32	1 10	19 55	0 12	2 18	2 52	23 47	0 31	4 14	1 53	30 55	11 9	23 33	23 35	22 18		n.a.
W24	1 26	21 9	1 49	7 59	1 42	15 59	1 42	11 17	1 10	19 57	0 12	2 20	2 52	23 47	0 31	4 15	1 53	30 55	11 9	23 33	23 35	22 20		n.a.
T 25	1 2	22 54	0 48	8 37	1 49	16 25	1 46	11 3	1 9	19 59	0 12	2 22	2 53	23 47	0 31	4 15	1 53	30 56	11 10	23 33	23 35	22 21		n.a.
F 26	0 38	23 38	0n14	9 15	1 55	16 51	1 49	10 48	1 9	20 2	0 12	2 24	2 53	23 47	0 31	4 16	1 53	30 56	11 10	23 33	23 35	22 22		n.a.
S 27	0 14	23 17	1 17	9 51	2 0	17 17	1 52	10 34	1 9	20 4	0 12	2 26	2 53	23 47	0 31	4 17	1 53	30 56	11 10	23 33	23 35	22 23		n.a.
S 28	0s10	21 50	2 17	10 27	2 6	17 42	1 55	10 19	1 9	20 6	0 12	2 28	2 53	23 47	0 31	4 17	1 53	30 56	11 11	23 34	23 35	22 25		n.a.
M29	0 34	19 19	3 12	11 2	2 11	18 6	1 58	10 4	1 9	20 9	0 12	2 30	2 53	23 47	0 31	4 18	1 53	30 56	11 11	23 34	23 36	22 26		n.a.
T 30	0s59	15n48	3n58	11s36	2s17	18s30	2s 2	9n50	1n 9	20s11	0n11	2s32	2s53	23s47	0s31	4s19	1s53	30n56	11n11	23n34	23n36	22n27		n.a.

Julian Day Number = 1622683.5, Delta T = 03h46m35s
Ecliptic obliquity = 23°43'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'10, Lahiri = - 7°41'10 Julian Calendar 1 Sept. 271 BCE == Greg. Calendar 28 Aug. 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

OCTOBER 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 20 45	3♎26'04	11♍46	25♎27	16♏18	8♍24	0♐ 4	0°R10	10♑58	23°R32	1♒36	6°R15	5♋49	23♊31	n.a.	W 1
T 2	0 24 41	4°26'18	25°15	26°42	17°28	9° 4	0°14	0♈ 5	10°58	23♓31	1°37	6♋ 2	5°46	23°37	n.a.	T 2
F 3	0 28 38	5°26'34	9♎ 4	27°55	18°38	9°43	0°25	0° 0	10°58	23°29	1°38	5°49	5°43	23°44	n.a.	F 3
S 4	0 32 34	6°26'51	23° 9	29° 7	19°48	10°22	0°36	29♓56	10°59	23°27	1°39	5°37	5°40	23°51	n.a.	S 4
S 5	0 36 31	7°27'10	7♏24	0♏16	20°58	11° 1	0°46	29°51	10°59	23°26	1°40	5°27	5°36	23°57	n.a.	S 5
M 6	0 40 27	8°27'31	21°44	1°24	22° 8	11°40	0°57	29°46	11° 0	23°24	1°41	5°19	5°33	24° 4	n.a.	M 6
T 7	0 44 24	9°27'54	6♐ 3	2°29	23°17	12°19	1° 8	29°41	11° 0	23°23	1°42	5°14	5°30	24°11	n.a.	T 7
W 8	0 48 20	10°28'18	20°19	3°31	24°27	12°58	1°19	29°36	11° 1	23°21	1°43	5°12	5°27	24°17	n.a.	W 8
T 9	0 52 17	11°28'44	4♑28	4°30	25°36	13°37	1°30	29°32	11° 2	23°19	1°44	5°11	5°24	24°24	n.a.	T 9
F 10	0 56 14	12°29'12	18°30	5°26	26°45	14°17	1°42	29°27	11° 2	23°18	1°45	5°11	5°21	24°31	n.a.	F 10
S 11	1 0 10	13°29'40	2♒25	6°17	27°54	14°56	1°53	29°22	11° 3	23°16	1°45	5°10	5°17	24°37	n.a.	S 11
S 12	1 4 7	14°30'10	16°12	7° 5	29° 3	15°35	2° 4	29°18	11° 4	23°15	1°46	5° 7	5°14	24°44	n.a.	S 12
M13	1 8 3	15°30'42	29°50	7°47	0♐12	16°14	2°16	29°13	11° 5	23°13	1°47	5° 1	5°11	24°51	n.a.	M13
T 14	1 12 0	16°31'15	13♓19	8°25	1°21	16°53	2°28	29° 9	11° 6	23°12	1°48	4°52	5° 8	24°57	n.a.	T 14
W15	1 15 56	17°31'49	26°38	8°56	2°30	17°33	2°39	29° 4	11° 7	23°10	1°49	4°41	5° 5	25° 4	n.a.	W15
T 16	1 19 53	18°32'25	9♈44	9°20	3°38	18°12	2°51	29° 0	11° 8	23° 9	1°49	4°28	5° 1	25°10	n.a.	T 16
F 17	1 23 49	19°33'02	22°37	9°36	4°46	18°51	3° 3	28°55	11° 9	23° 7	1°50	4°15	4°58	25°17	n.a.	F 17
S 18	1 27 46	20°33'41	5♉15	9°R45	5°55	19°31	3°15	28°51	11°10	23° 6	1°51	4° 2	4°55	25°24	n.a.	S 18
S 19	1 31 43	21°34'22	17°38	9°44	7° 3	20°10	3°27	28°47	11°11	23° 4	1°51	3°52	4°52	25°30	n.a.	S 19
M20	1 35 39	22°35'04	29°48	9°34	8°10	20°49	3°39	28°42	11°13	23° 3	1°52	3°44	4°49	25°37	n.a.	M20
T 21	1 39 36	23°35'48	11♊46	9°13	9°18	21°29	3°51	28°38	11°14	23° 1	1°52	3°39	4°46	25°44	n.a.	T 21
W22	1 43 32	24°36'34	23°37	8°42	10°26	22° 8	4° 3	28°34	11°15	23° 0	1°53	3°37	4°42	25°50	n.a.	W22
T 23	1 47 29	25°37'21	5♋23	8° 0	11°33	22°47	4°15	28°30	11°17	22°59	1°53	3°D37	4°39	25°57	n.a.	T 23
F 24	1 51 25	26°38'10	17°12	7° 8	12°40	23°27	4°28	28°26	11°18	22°57	1°54	3°37	4°36	26° 4	n.a.	F 24
S 25	1 55 22	27°39'01	29° 6	6° 6	13°47	24° 6	4°40	28°22	11°20	22°56	1°54	3°R37	4°33	26°10	n.a.	S 25
S 26	1 59 18	28°39'53	11♌14	4°56	14°54	24°46	4°53	28°18	11°21	22°55	1°55	3°36	4°30	26°17	n.a.	S 26
M27	2 3 15	29°40'47	23°39	3°40	16° 1	25°25	5° 5	28°14	11°23	22°53	1°55	3°33	4°27	26°24	n.a.	M27
T 28	2 7 12	0♏41'42	6♍26	2°19	17° 7	26° 5	5°18	28°11	11°24	22°52	1°56	3°28	4°23	26°30	n.a.	T 28
W29	2 11 8	1°42'39	19°38	0°57	18°14	26°44	5°31	28° 7	11°26	22°51	1°56	3°21	4°20	26°37	n.a.	W29
T 30	2 15 5	2°43'37	3♎17	29♎36	19°20	27°24	5°43	28° 3	11°28	22°50	1°56	3°11	4°17	26°43	n.a.	T 30
F 31	2 19 1	3♏44'36	17♎21	28♎18	20♐26	28♍ 3	5♐56	28♓ 0	11♑29	22♓48	1♒56	3♋ 1	4♋14	26♊50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1s23	11n26	4n34	12s 9	2s21	18s54	2s 5	9n35	1n 9	20s13	0n11	2s34	2s53	23s47	0s31	4s19	1s53	30n56	11n12	23n35	23n36	22n28			n.a.
T 2	1 47	6 25	4 55	12 41	2 26	19 17	2 8	9 20	1 9	20 16	0 11	2 36	2 53	23 47	0 31	4 20	1 53	30 56	11 12	23 35	23 36	22 29			n.a.
F 3	2 11	0 57	5 0	13 12	2 30	19 40	2 10	9 5	1 9	20 18	0 11	2 38	2 52	23 47	0 31	4 20	1 53	30 56	11 13	23 36	23 36	22 30			n.a.
S 4	2 35	4s40	4 47	13 41	2 34	20 2	2 13	8 50	1 9	20 21	0 11	2 40	2 52	23 47	0 31	4 21	1 53	30 56	11 13	23 36	23 36	22 32			n.a.
S 5	3 0	10 7	4 15	14 9	2 38	20 24	2 16	8 35	1 8	20 23	0 11	2 42	2 52	23 47	0 31	4 22	1 53	30 56	11 13	23 37	23 36	22 33			n.a.
M 6	3 24	15 4	3 28	14 36	2 41	20 45	2 19	8 19	1 8	20 25	0 11	2 43	2 52	23 47	0 31	4 22	1 53	30 56	11 14	23 37	23 37	22 34			n.a.
T 7	3 48	19 9	2 27	15 2	2 43	21 6	2 22	8 4	1 8	20 28	0 10	2 45	2 52	23 46	0 31	4 23	1 53	30 57	11 14	23 37	23 37	22 35			n.a.
W 8	4 12	22 5	1 18	15 25	2 45	21 26	2 24	7 49	1 8	20 30	0 10	2 47	2 52	23 46	0 31	4 24	1 53	30 57	11 14	23 37	23 37	22 36			n.a.
T 9	4 36	23 35	0 4	15 47	2 46	21 46	2 27	7 33	1 8	20 33	0 10	2 49	2 52	23 46	0 31	4 24	1 53	30 57	11 15	23 37	23 37	22 37			n.a.
F 10	4 59	23 35	1s10	16 7	2 47	22 5	2 29	7 18	1 8	20 35	0 10	2 51	2 52	23 46	0 31	4 25	1 53	30 57	11 15	23 37	23 37	22 39			n.a.
S 11	5 23	22 6	2 19	16 24	2 47	22 24	2 32	7 3	1 8	20 38	0 10	2 53	2 52	23 46	0 31	4 26	1 53	30 57	11 16	23 38	23 37	22 40			n.a.
S 12	5 47	19 20	3 19	16 39	2 46	22 42	2 34	6 47	1 8	20 40	0 10	2 54	2 52	23 46	0 31	4 26	1 53	30 57	11 16	23 38	23 37	22 41			n.a.
M13	6 11	15 30	4 7	16 52	2 45	22 59	2 36	6 32	1 7	20 42	0 10	2 56	2 52	23 46	0 31	4 27	1 53	30 58	11 16	23 38	23 37	22 42			n.a.
T 14	6 34	10 56	4 40	17 2	2 42	23 16	2 39	6 16	1 7	20 45	0 10	2 58	2 52	23 46	0 31	4 27	1 53	30 58	11 17	23 38	23 38	22 43			n.a.
W15	6 58	5 54	4 58	17 8	2 38	23 32	2 41	6 0	1 7	20 47	0 9	3 0	2 52	23 46	0 30	4 28	1 53	30 58	11 17	23 39	23 38	22 44			n.a.
T 16	7 21	0 41	5 0	17 12	2 33	23 48	2 43	5 45	1 7	20 50	0 9	3 1	2 52	23 46	0 30	4 28	1 53	30 58	11 18	23 39	23 38	22 45			n.a.
F 17	7 44	4n29	4 46	17 11	2 27	24 3	2 45	5 29	1 7	20 52	0 9	3 3	2 51	23 46	0 30	4 29	1 53	30 58	11 18	23 40	23 38	22 47			n.a.
S 18	8 7	9 23	4 18	17 7	2 20	24 17	2 46	5 13	1 7	20 55	0 9	3 5	2 51	23 45	0 30	4 30	1 53	30 59	11 18	23 40	23 38	22 48			n.a.
S 19	8 31	13 48	3 39	16 58	2 10	24 31	2 48	4 57	1 6	20 57	0 9	3 6	2 51	23 45	0 30	4 30	1 53	30 59	11 19	23 40	23 38	22 49			n.a.
M20	8 53	17 35	2 50	16 44	2 0	24 44	2 50	4 42	1 6	21 0	0 9	3 8	2 51	23 45	0 30	4 31	1 53	30 59	11 19	23 40	23 38	22 50			n.a.
T 21	9 16	20 36	1 54	16 26	1 47	24 56	2 51	4 26	1 6	21 2	0 9	3 9	2 51	23 45	0 30	4 31	1 53	30 59	11 20	23 41	23 38	22 51			n.a.
W22	9 39	22 41	0 53	16 3	1 33	25 8	2 53	4 10	1 6	21 4	0 9	3 11	2 51	23 45	0 30	4 32	1 52	31 0	11 20	23 41	23 39	22 52			n.a.
T 23	10 1	23 46	0n10	15 34	1 18	25 19	2 54	3 54	1 6	21 7	0 8	3 12	2 51	23 45	0 30	4 32	1 52	31 0	11 20	23 41	23 39	22 53			n.a.
F 24	10 24	23 48	1 12	15 1	1 0	25 29	2 55	3 38	1 6	21 9	0 8	3 14	2 50	23 45	0 30	4 33	1 52	31 0	11 21	23 41	23 39	22 54			n.a.
S 25	10 46	22 44	2 12	14 22	0 42	25 39	2 56	3 22	1 5	21 12	0 8	3 15	2 50	23 44	0 30	4 33	1 52	31 0	11 21	23 41	23 39	22 55			n.a.
S 26	11 8	20 36	3 7	13 40	0 22	25 48	2 57	3 6	1 5	21 14	0 8	3 17	2 50	23 44	0 30	4 34	1 52	31 1	11 22	23 41	23 39	22 56			n.a.
M27	11 30	17 29	3 54	12 55	0 2	25 56	2 58	2 50	1 5	21 17	0 8	3 18	2 50	23 44	0 30	4 34	1 52	31 1	11 22	23 41	23 39	22 57			n.a.
T 28	11 51	13 27	4 32	12 8	0n19	26 4	2 59	2 34	1 5	21 19	0 8	3 19	2 50	23 44	0 30	4 35	1 52	31 1	11 22	23 41	23 39	22 58			n.a.
W29	12 13	8 41	4 56	11 20	0 39	26 11	2 59	2 18	1 5	21 21	0 8	3 21	2 49	23 44	0 30	4 35	1 52	31 2	11 23	23 41	23 39	22 59			n.a.
T 30	12 34	3 20	5 5	10 32	0 59	26 17	3 0	2 2	1 4	21 24	0 8	3 22	2 49	23 44	0 30	4 36	1 52	31 2	11 23	23 41	23 39	23 1			n.a.
F 31	12s55	2s21	4n55	9s47	1n18	26s22	3s 0	1n46	1n 4	21s26	0n 7	3s23	2s49	23s44	0s30	4s36	1s52	31n 2	11n24	23n42	23n40	23n 2			n.a.

Julian Day Number = 1622713.5, Delta T = 03h46m34s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'06, Lahiri = - 7°41'06 Julian Calendar 1 Oct. 271 BCE == Greg. Calendar 27 Sept. 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

NOVEMBER 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 22 58	4♏45'37	1♏46	27°R 7	21♐31	28♍43	6♐ 9	27°R56	11♑31	22°R47	1♘57	2°R51	4♋11	26♊57	n.a.	S 1
S 2	2 26 54	5°46'39	16°26	26♎ 5	22°37	29°23	6°22	27♓53	11°33	22♓46	1°57	2♋42	4° 7	27° 3	n.a.	S 2
M 3	2 30 51	6°47'42	1♐12	25°12	23°42	0♎ 2	6°35	27°50	11°35	22°45	1°57	2°36	4° 4	27°10	n.a.	M 3
T 4	2 34 47	7°48'46	15°58	24°30	24°47	0°42	6°48	27°47	11°37	22°44	1°57	2°33	4° 1	27°17	n.a.	T 4
W 5	2 38 44	8°49'50	0♑36	24° 0	25°52	1°21	7° 1	27°44	11°39	22°43	1°57	2°D31	3°58	27°23	n.a.	W 5
T 6	2 42 41	9°50'56	15° 2	23°41	26°56	2° 1	7°14	27°41	11°41	22°42	1°57	2°32	3°55	27°30	n.a.	T 6
F 7	2 46 37	10°52'02	29°13	23°D33	28° 0	2°41	7°28	27°38	11°43	22°41	1°57	2°33	3°52	27°37	n.a.	F 7
S 8	2 50 34	11°53'09	13♒ 7	23°36	29° 4	3°20	7°41	27°35	11°45	22°40	1°R57	2°R33	3°48	27°43	n.a.	S 8
S 9	2 54 30	12°54'16	26°46	23°49	0♑ 8	4° 0	7°54	27°32	11°47	22°39	1°57	2°32	3°45	27°50	n.a.	S 9
M10	2 58 27	13°55'23	10♓ 9	24°10	1°11	4°40	8° 7	27°30	11°50	22°38	1°57	2°29	3°42	27°57	n.a.	M10
T 11	3 2 23	14°56'31	23°19	24°40	2°14	5°19	8°21	27°27	11°52	22°37	1°57	2°24	3°39	28° 3	n.a.	T 11
W12	3 6 20	15°57'40	6♈16	25°17	3°16	5°59	8°34	27°25	11°54	22°36	1°57	2°17	3°36	28°10	n.a.	W12
T 13	3 10 16	16°58'49	19° 0	26° 0	4°18	6°39	8°48	27°23	11°56	22°35	1°57	2° 8	3°32	28°17	n.a.	T 13
F 14	3 14 13	17°59'58	1♉33	26°50	5°20	7°19	9° 1	27°21	11°59	22°35	1°57	2° 0	3°29	28°23	n.a.	F 14
S 15	3 18 10	19° 1'09	13°54	27°44	6°22	7°58	9°15	27°18	12° 1	22°34	1°57	1°52	3°26	28°30	n.a.	S 15
S 16	3 22 6	20° 2'20	26° 5	28°43	7°23	8°38	9°28	27°16	12° 4	22°33	1°56	1°45	3°23	28°36	n.a.	S 16
M17	3 26 3	21° 3'31	8♊ 6	29°45	8°24	9°18	9°42	27°15	12° 6	22°32	1°56	1°40	3°20	28°43	n.a.	M17
T 18	3 29 59	22° 4'43	20° 0	0♏51	9°24	9°58	9°56	27°13	12° 9	22°32	1°56	1°37	3°17	28°50	n.a.	T 18
W19	3 33 56	23° 5'56	1♋48	2° 0	10°24	10°38	10° 9	27°11	12°11	22°31	1°55	1°D36	3°13	28°56	n.a.	W19
T 20	3 37 52	24° 7'09	13°35	3°12	11°23	11°18	10°23	27°10	12°14	22°30	1°55	1°37	3°10	29° 3	n.a.	T 20
F 21	3 41 49	25° 8'23	25°22	4°26	12°22	11°57	10°37	27° 8	12°16	22°30	1°55	1°39	3° 7	29°10	n.a.	F 21
S 22	3 45 45	26° 9'37	7♌16	5°42	13°20	12°37	10°50	27° 7	12°19	22°29	1°54	1°41	3° 4	29°16	n.a.	S 22
S 23	3 49 42	27°10'52	19°22	7° 0	14°18	13°17	11° 4	27° 6	12°22	22°29	1°54	1°42	3° 1	29°23	n.a.	S 23
M24	3 53 39	28°12'08	1♍43	8°19	15°16	13°57	11°18	27° 4	12°24	22°28	1°53	1°R42	2°58	29°30	n.a.	M24
T 25	3 57 35	29°13'24	14°25	9°39	16°12	14°37	11°32	27° 3	12°27	22°28	1°53	1°41	2°54	29°36	n.a.	T 25
W26	4 1 32	0♐14'40	27°33	11° 1	17° 9	15°17	11°46	27° 3	12°30	22°27	1°52	1°38	2°51	29°43	n.a.	W26
T 27	4 5 28	1°15'57	11♎ 8	12°24	18° 4	15°57	12° 0	27° 2	12°33	22°27	1°52	1°35	2°48	29°50	n.a.	T 27
F 28	4 9 25	2°17'14	25°11	13°48	18°59	16°37	12°13	27° 1	12°36	22°27	1°51	1°30	2°45	29°56	n.a.	F 28
S 29	4 13 21	3°18'32	9♏40	15°13	19°54	17°17	12°27	27° 1	12°38	22°26	1°51	1°26	2°42	0♋ 3	n.a.	S 29
S 30	4 17 18	4♐19'49	24♏31	16♏39	20♑48	17♎57	12♐41	27♓ 0	12♑41	22♓26	1♘50	1♋22	2♋38	0♋10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s16	8s 3	4n27	9s 6	1n35	26s27	3s 0	1n30	1n 4	21s28	0n 7	3s24	2s49	23s43	0s30	4s37	1s52	31n 3	11n24	23n42	23n40	23n 3		n.a.
S 2	13 36	13 25	3 41	8 29	1 50	26 31	3 0	1 13	1 4	21 31	0 7	3 25	2 49	23 43	0 30	4 37	1 52	31 3	11 25	23 42	23 40	23 4		n.a.
M 3	13 57	18 2	2 40	7 57	2 3	26 35	3 0	0 57	1 3	21 33	0 7	3 27	2 48	23 43	0 30	4 37	1 52	31 3	11 25	23 42	23 40	23 5		n.a.
T 4	14 17	21 31	1 28	7 32	2 14	26 38	3 0	0 41	1 3	21 36	0 7	3 28	2 48	23 43	0 30	4 38	1 52	31 4	11 25	23 42	23 40	23 6		n.a.
W 5	14 37	23 33	0 10	7 12	2 23	26 40	3 0	0 25	1 3	21 38	0 7	3 29	2 48	23 43	0 30	4 38	1 52	31 4	11 26	23 42	23 40	23 7		n.a.
T 6	14 57	23 59	1s 7	6 59	2 30	26 41	2 59	0 9	1 3	21 40	0 7	3 30	2 48	23 42	0 30	4 38	1 52	31 5	11 26	23 42	23 40	23 8		n.a.
F 7	15 16	22 49	2 19	6 51	2 35	26 42	2 59	0s 7	1 2	21 43	0 7	3 31	2 48	23 42	0 30	4 39	1 52	31 5	11 27	23 42	23 40	23 9		n.a.
S 8	15 35	20 17	3 21	6 49	2 39	26 41	2 58	0 24	1 2	21 45	0 7	3 32	2 47	23 42	0 30	4 39	1 52	31 5	11 27	23 42	23 40	23 10		n.a.
S 9	15 54	16 39	4 10	6 52	2 40	26 41	2 57	0 40	1 2	21 47	0 6	3 32	2 47	23 42	0 30	4 40	1 52	31 6	11 27	23 42	23 40	23 11		n.a.
M10	16 13	12 14	4 45	7 0	2 41	26 39	2 56	0 56	1 2	21 49	0 6	3 33	2 47	23 42	0 30	4 40	1 52	31 6	11 28	23 42	23 41	23 12		n.a.
T 11	16 31	7 20	5 4	7 12	2 40	26 37	2 55	1 12	1 1	21 52	0 6	3 34	2 47	23 41	0 30	4 40	1 52	31 7	11 28	23 42	23 41	23 13		n.a.
W12	16 49	2 11	5 7	7 27	2 38	26 34	2 53	1 28	1 1	21 54	0 6	3 35	2 46	23 41	0 30	4 40	1 52	31 7	11 29	23 42	23 41	23 14		n.a.
T 13	17 7	2n59	4 55	7 46	2 35	26 31	2 52	1 44	1 1	21 56	0 6	3 35	2 46	23 41	0 30	4 41	1 52	31 7	11 29	23 43	23 41	23 15		n.a.
F 14	17 24	7 57	4 29	8 7	2 31	26 27	2 50	2 1	1 1	21 58	0 6	3 36	2 46	23 41	0 30	4 41	1 52	31 8	11 30	23 43	23 41	23 16		n.a.
S 15	17 41	12 33	3 50	8 31	2 27	26 22	2 48	2 17	1 0	22 1	0 6	3 37	2 46	23 40	0 30	4 41	1 52	31 8	11 30	23 43	23 41	23 17		n.a.
S 16	17 58	16 35	3 1	8 56	2 22	26 17	2 46	2 33	1 0	22 3	0 6	3 37	2 45	23 40	0 30	4 42	1 51	31 9	11 30	23 43	23 41	23 17		n.a.
M17	18 14	19 53	2 4	9 24	2 16	26 11	2 44	2 49	1 0	22 5	0 5	3 38	2 45	23 40	0 30	4 42	1 51	31 9	11 31	23 43	23 41	23 18		n.a.
T 18	18 30	22 18	1 3	9 53	2 10	26 4	2 41	3 5	0 59	22 7	0 5	3 38	2 45	23 40	0 30	4 42	1 51	31 10	11 31	23 43	23 41	23 19		n.a.
W19	18 46	23 44	0n 1	10 22	2 4	25 57	2 38	3 21	0 59	22 9	0 5	3 39	2 45	23 39	0 30	4 42	1 51	31 10	11 32	23 43	23 41	23 20		n.a.
T 20	19 2	24 6	1 5	10 53	1 58	25 49	2 36	3 37	0 59	22 11	0 5	3 39	2 44	23 39	0 30	4 42	1 51	31 11	11 32	23 43	23 41	23 21		n.a.
F 21	19 17	23 23	2 6	11 25	1 51	25 41	2 33	3 53	0 58	22 13	0 5	3 39	2 44	23 39	0 30	4 43	1 51	31 11	11 32	23 43	23 41	23 22		n.a.
S 22	19 32	21 37	3 3	11 57	1 44	25 32	2 29	4 9	0 58	22 16	0 5	3 40	2 44	23 39	0 30	4 43	1 51	31 12	11 33	23 43	23 42	23 23		n.a.
S 23	19 46	18 51	3 52	12 30	1 36	25 22	2 26	4 25	0 58	22 18	0 5	3 40	2 44	23 38	0 30	4 43	1 51	31 12	11 33	23 43	23 42	23 24		n.a.
M24	20 0	15 13	4 32	13 3	1 29	25 12	2 22	4 41	0 57	22 20	0 5	3 40	2 43	23 38	0 30	4 43	1 51	31 13	11 34	23 43	23 42	23 25		n.a.
T 25	20 14	10 48	4 59	13 36	1 22	25 1	2 18	4 57	0 57	22 22	0 5	3 40	2 43	23 38	0 30	4 43	1 51	31 13	11 34	23 43	23 42	23 26		n.a.
W26	20 27	5 45	5 13	14 9	1 14	24 50	2 14	5 13	0 57	22 24	0 5	3 40	2 43	23 38	0 30	4 43	1 51	31 14	11 34	23 43	23 42	23 27		n.a.
T 27	20 40	0 17	5 9	14 41	1 7	24 38	2 10	5 29	0 56	22 26	0 4	3 40	2 42	23 37	0 30	4 43	1 51	31 14	11 35	23 43	23 42	23 28		n.a.
F 28	20 52	5s24	4 47	15 14	0 59	24 26	2 6	5 45	0 56	22 28	0 4	3 40	2 42	23 37	0 30	4 44	1 51	31 15	11 35	23 43	23 42	23 28		n.a.
S 29	21 4	10 59	4 7	15 47	0 51	24 14	2 1	6 1	0 56	22 30	0 4	3 40	2 42	23 37	0 30	4 44	1 51	31 15	11 35	23 43	23 42	23 29		n.a.
S 30	21s16	16s 5	3n 9	16s19	0n44	24s 1	1s56	6s16	0n55	22s31	0n 4	3s40	2s42	23s36	0s30	4s44	1s51	31n16	11n36	23n43	23n42	23n30		n.a.

Julian Day Number = 1622744.5, Delta T = 03h46m33s
Ecliptic obliquity = 23°43'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°48'02, Lahiri = - 7°41'02 Julian Calendar 1 Nov. 271 BCE == Greg. Calendar 28 Oct. 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 271 BCE
geocentric

DECEMBER 271 BCE (-270) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 21 15	5♐21'07	9♐34	18♏ 5	21♑41	18♎37	12♐55	27°R 0	12♑44	22°R26	1°R49	1°R19	2♋35	0♋16	n.a.	M 1
T 2	4 25 11	6°22'25	24°42	19°32	22°33	19°17	13° 9	27♓ 0	12°47	22♓26	1♌49	1°D18	2°32	0°23	n.a.	T 2
W 3	4 29 8	7°23'43	9♑44	21° 0	23°25	19°57	13°23	26°D59	12°50	22°25	1°48	1♋18	2°29	0°29	n.a.	W 3
T 4	4 33 4	8°25'00	24°33	22°28	24°16	20°38	13°37	26°59	12°53	22°25	1°47	1°19	2°26	0°36	n.a.	T 4
F 5	4 37 1	9°26'17	9♒ 2	23°56	25° 6	21°18	13°51	27° 0	12°56	22°25	1°46	1°20	2°23	0°43	n.a.	F 5
S 6	4 40 57	10°27'33	23°10	25°26	25°56	21°58	14° 5	27° 0	12°59	22°25	1°45	1°22	2°19	0°49	n.a.	S 6
S 7	4 44 54	11°28'49	6♓54	26°55	26°44	22°38	14°19	27° 0	13° 2	22°25	1°45	1°R22	2°16	0°56	n.a.	S 7
M 8	4 48 50	12°30'04	20°16	28°26	27°32	23°18	14°33	27° 1	13° 6	22°D25	1°44	1°22	2°13	1° 3	n.a.	M 8
T 9	4 52 47	13°31'19	3♈18	29°56	28°18	23°58	14°47	27° 1	13° 9	22°25	1°43	1°21	2°10	1° 9	n.a.	T 9
W10	4 56 44	14°32'32	16° 2	1♐27	29° 4	24°38	15° 1	27° 2	13°12	22°25	1°42	1°19	2° 7	1°16	n.a.	W10
T 11	5 0 40	15°33'45	28°31	2°59	29°48	25°18	15°15	27° 3	13°15	22°25	1°41	1°17	2° 4	1°23	n.a.	T 11
F 12	5 4 37	16°34'58	10♉48	4°31	0♒32	25°59	15°29	27° 4	13°18	22°25	1°40	1°15	2° 0	1°29	n.a.	F 12
S 13	5 8 33	17°36'10	22°54	6° 4	1°14	26°39	15°44	27° 5	13°21	22°26	1°39	1°12	1°57	1°36	n.a.	S 13
S 14	5 12 30	18°37'21	4♊53	7°37	1°55	27°19	15°58	27° 6	13°25	22°26	1°38	1°11	1°54	1°43	n.a.	S 14
M15	5 16 26	19°38'32	16°46	9°10	2°35	27°59	16°12	27° 7	13°28	22°26	1°37	1°10	1°51	1°49	n.a.	M15
T 16	5 20 23	20°39'42	28°35	10°44	3°14	28°40	16°26	27° 8	13°31	22°26	1°36	1°D 9	1°48	1°56	n.a.	T 16
W17	5 24 19	21°40'52	10♋23	12°18	3°52	29°20	16°40	27°10	13°35	22°27	1°35	1° 9	1°44	2° 3	n.a.	W17
T 18	5 28 16	22°42'01	22°11	13°53	4°28	0♏ 0	16°54	27°12	13°38	22°27	1°34	1°10	1°41	2° 9	n.a.	T 18
F 19	5 32 13	23°43'09	4♌ 2	15°29	5° 2	0°40	17° 8	27°13	13°41	22°27	1°33	1°11	1°38	2°16	n.a.	F 19
S 20	5 36 9	24°44'17	16° 0	17° 5	5°36	1°21	17°22	27°15	13°45	22°28	1°32	1°12	1°35	2°22	n.a.	S 20
S 21	5 40 6	25°45'24	28° 7	18°41	6° 7	2° 1	17°36	27°17	13°48	22°28	1°30	1°12	1°32	2°29	n.a.	S 21
M22	5 44 2	26°46'30	10♍28	20°18	6°37	2°41	17°50	27°19	13°51	22°29	1°29	1°13	1°29	2°36	n.a.	M22
T 23	5 47 59	27°47'36	23° 7	21°56	7° 6	3°22	18° 4	27°21	13°55	22°29	1°28	1°R13	1°25	2°42	n.a.	T 23
W24	5 51 55	28°48'41	6♎ 7	23°34	7°33	4° 2	18°17	27°23	13°58	22°30	1°27	1°13	1°22	2°49	n.a.	W24
T 25	5 55 52	29°49'45	19°32	25°13	7°58	4°42	18°31	27°26	14° 1	22°30	1°26	1°13	1°19	2°56	n.a.	T 25
F 26	5 59 49	0♑50'49	3♏23	26°53	8°21	5°23	18°45	27°28	14° 5	22°31	1°24	1°D13	1°16	3° 2	n.a.	F 26
S 27	6 3 45	1°51'52	17°41	28°33	8°42	6° 3	18°59	27°31	14° 8	22°32	1°23	1°13	1°13	3° 9	n.a.	S 27
S 28	6 7 42	2°52'55	2♐24	0♑14	9° 1	6°44	19°13	27°33	14°12	22°32	1°22	1°13	1°10	3°16	n.a.	S 28
M29	6 11 38	3°53'56	17°25	1°55	9°19	7°24	19°27	27°36	14°15	22°33	1°21	1°13	1° 6	3°22	n.a.	M29
T 30	6 15 35	4°54'57	2♑37	3°38	9°34	8° 5	19°41	27°39	14°19	22°34	1°19	1°R13	1° 3	3°29	n.a.	T 30
W31	6 19 31	5♑55'56	17♑51	5♑21	9♒47	8♏45	19♐55	27♓42	14♑22	22♓34	1♌18	1♋13	1♋ 0	3♋36	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21s27	20s14	1n57	16s51	0n36	23s47	1s51	6s32	0n55	22s33	0n 4	3s40	2s41	23s36	0s30	4s44	1s51	31n16	11n36	23n43	23n42	23n31			n.a.
T 2	21 38	23 1	0 36	17 22	0 29	23 33	1 46	6 48	0 55	22 35	0 4	3 40	2 41	23 36	0 30	4 44	1 51	31 17	11 37	23 43	23 42	23 32			n.a.
W 3	21 48	24 8	0s46	17 53	0 21	23 19	1 40	7 4	0 54	22 37	0 4	3 40	2 41	23 36	0 30	4 44	1 51	31 17	11 37	23 43	23 42	23 33			n.a.
T 4	21 58	23 31	2 5	18 23	0 14	23 4	1 34	7 19	0 54	22 39	0 4	3 39	2 40	23 35	0 30	4 44	1 50	31 18	11 37	23 43	23 42	23 34			n.a.
F 5	22 8	21 19	3 14	18 53	0 7	22 49	1 28	7 35	0 53	22 41	0 4	3 39	2 40	23 35	0 30	4 44	1 50	31 18	11 38	23 43	23 42	23 35			n.a.
S 6	22 17	17 52	4 9	19 22	0s 1	22 33	1 22	7 50	0 53	22 43	0 3	3 39	2 40	23 35	0 30	4 44	1 50	31 19	11 38	23 43	23 42	23 35			n.a.
S 7	22 26	13 32	4 48	19 50	0 8	22 18	1 15	8 6	0 53	22 44	0 3	3 38	2 40	23 34	0 30	4 44	1 50	31 19	11 38	23 43	23 42	23 36			n.a.
M 8	22 34	8 38	5 10	20 17	0 15	22 2	1 9	8 21	0 52	22 46	0 3	3 38	2 39	23 34	0 30	4 44	1 50	31 20	11 39	23 43	23 43	23 37			n.a.
T 9	22 42	3 30	5 16	20 44	0 21	21 45	1 1	8 36	0 52	22 48	0 3	3 37	2 39	23 34	0 30	4 44	1 50	31 20	11 39	23 43	23 43	23 38			n.a.
W10	22 49	1n41	5 6	21 10	0 28	21 29	0 54	8 52	0 51	22 50	0 3	3 37	2 39	23 33	0 30	4 44	1 50	31 21	11 39	23 43	23 43	23 39			n.a.
T 11	22 56	6 42	4 41	21 34	0 35	21 12	0 47	9 7	0 51	22 51	0 3	3 36	2 38	23 33	0 30	4 43	1 50	31 22	11 40	23 43	23 43	23 40			n.a.
F 12	23 3	11 23	4 4	21 58	0 41	20 55	0 39	9 22	0 50	22 53	0 3	3 36	2 38	23 33	0 30	4 43	1 50	31 22	11 40	23 43	23 43	23 40			n.a.
S 13	23 9	15 33	3 17	22 21	0 47	20 37	0 31	9 37	0 50	22 54	0 3	3 35	2 38	23 32	0 30	4 43	1 50	31 23	11 40	23 43	23 43	23 41			n.a.
S 14	23 14	19 4	2 21	22 43	0 53	20 20	0 22	9 52	0 49	22 56	0 3	3 34	2 37	23 32	0 30	4 43	1 50	31 23	11 41	23 43	23 43	23 42			n.a.
M15	23 19	21 45	1 19	23 4	0 59	20 2	0 14	10 7	0 49	22 58	0 2	3 33	2 37	23 32	0 30	4 43	1 50	31 24	11 41	23 43	23 43	23 43			n.a.
T 16	23 24	23 29	0 14	23 24	1 5	19 45	0 5	10 22	0 49	22 59	0 2	3 33	2 37	23 31	0 30	4 43	1 50	31 24	11 41	23 43	23 43	23 44			n.a.
W17	23 28	24 10	0n51	23 42	1 10	19 27	0n 5	10 37	0 48	23 1	0 2	3 32	2 37	23 31	0 30	4 43	1 50	31 25	11 42	23 43	23 43	23 44			n.a.
T 18	23 31	23 45	1 54	24 0	1 16	19 9	0 14	10 52	0 48	23 2	0 2	3 31	2 36	23 31	0 30	4 42	1 50	31 25	11 42	23 43	23 43	23 45			n.a.
F 19	23 35	22 16	2 53	24 16	1 21	18 51	0 24	11 7	0 47	23 4	0 2	3 30	2 36	23 30	0 30	4 42	1 50	31 26	11 42	23 43	23 43	23 46			n.a.
S 20	23 37	19 48	3 44	24 31	1 26	18 33	0 34	11 21	0 47	23 5	0 2	3 29	2 36	23 30	0 30	4 42	1 50	31 27	11 43	23 43	23 43	23 47			n.a.
S 21	23 40	16 26	4 27	24 44	1 30	18 15	0 44	11 36	0 46	23 7	0 2	3 28	2 35	23 30	0 30	4 42	1 49	31 27	11 43	23 43	23 43	23 47			n.a.
M22	23 41	12 19	4 58	24 56	1 35	17 57	0 55	11 50	0 46	23 8	0 2	3 27	2 35	23 29	0 30	4 41	1 49	31 28	11 43	23 43	23 43	23 48			n.a.
T 23	23 43	7 34	5 15	25 7	1 39	17 40	1 6	12 5	0 45	23 9	0 2	3 26	2 35	23 29	0 30	4 41	1 49	31 28	11 43	23 43	23 43	23 49			n.a.
W24	23 43	2 23	5 17	25 16	1 42	17 22	1 17	12 19	0 44	23 11	0 2	3 24	2 35	23 29	0 30	4 41	1 49	31 29	11 44	23 43	23 43	23 50			n.a.
T 25	23 44	3s 4	5 2	25 24	1 46	17 4	1 28	12 33	0 44	23 12	0 1	3 23	2 34	23 28	0 30	4 41	1 49	31 29	11 44	23 43	23 43	23 50			n.a.
F 26	23 43	8 34	4 30	25 30	1 49	16 47	1 40	12 48	0 43	23 13	0 1	3 22	2 34	23 28	0 30	4 40	1 49	31 30	11 44	23 43	23 43	23 51			n.a.
S 27	23 43	13 48	3 39	25 35	1 52	16 30	1 52	13 2	0 43	23 15	0 1	3 21	2 34	23 28	0 30	4 40	1 49	31 30	11 44	23 43	23 43	23 52			n.a.
S 28	23 42	18 23	2 34	25 38	1 54	16 13	2 5	13 16	0 42	23 16	0 1	3 19	2 33	23 27	0 30	4 40	1 49	31 31	11 45	23 43	23 43	23 53			n.a.
M29	23 40	21 52	1 16	25 39	1 57	15 56	2 17	13 29	0 42	23 17	0 1	3 18	2 33	23 27	0 30	4 39	1 49	31 32	11 45	23 43	23 43	23 53			n.a.
T 30	23 38	23 50	0s 8	25 39	1 58	15 40	2 30	13 43	0 41	23 18	0 1	3 17	2 33	23 26	0 30	4 39	1 49	31 32	11 45	23 43	23 43	23 54			n.a.
W31	23s36	24s 2	1s31	25s37	2s 0	15s24	2n43	13s57	0n41	23s20	0n 1	3s15	2s33	23s26	0s30	4s39	1s49	31n33	11n45	23n43	23n43	23n55			n.a.

Julian Day Number = 1622774.5, Delta T = 03h46m32s
Ecliptic obliquity = 23°43'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'58, Lahiri = - 7°40'58 Julian Calendar 1 Dec. 271 BCE == Greg. Calendar 27 Nov. 271 BCE

The year -270 astronomical counting style corresponds to year 271 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

JANUARY 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 23 28	6♑56'55	2♒56	7♑ 4	9♒58	9♏25	20♐ 8	27♓45	14♑26	22♓35	1°R17	1°R12	0♋57	3♋42	n.a.	T 1
F 2	6 27 24	7°57'51	17°44	8°48	10° 7	10° 6	20°22	27°48	14°29	22°36	1♌15	1♋12	0°54	3°49	n.a.	F 2
S 3	6 31 21	8°58'46	2♓ 9	10°33	10°13	10°46	20°36	27°52	14°33	22°37	1°14	1°11	0°50	3°55	n.a.	S 3
S 4	6 35 18	9°59'40	16° 7	12°19	10°17	11°27	20°49	27°55	14°36	22°38	1°12	1°10	0°47	4° 2	n.a.	S 4
M 5	6 39 14	11° 0'32	29°38	14° 5	10°R18	12° 7	21° 3	27°59	14°40	22°39	1°11	1° 9	0°44	4° 9	n.a.	M 5
T 6	6 43 11	12° 1'22	12♈43	15°52	10°17	12°48	21°17	28° 2	14°43	22°40	1°10	1°D 9	0°41	4°15	n.a.	T 6
W 7	6 47 7	13° 2'11	25°25	17°39	10°14	13°28	21°30	28° 6	14°47	22°41	1° 8	1° 9	0°38	4°22	n.a.	W 7
T 8	6 51 4	14° 2'58	7♉48	19°27	10° 8	14° 9	21°44	28°10	14°50	22°42	1° 7	1°10	0°35	4°29	n.a.	T 8
F 9	6 55 0	15° 3'43	19°56	21°16	9°59	14°49	21°57	28°14	14°54	22°43	1° 5	1°11	0°31	4°35	n.a.	F 9
S 10	6 58 57	16° 4'27	1♊54	23° 4	9°48	15°30	22°11	28°17	14°57	22°44	1° 4	1°13	0°28	4°42	n.a.	S 10
S 11	7 2 53	17° 5'09	13°45	24°53	9°34	16°10	22°24	28°22	15° 1	22°45	1° 2	1°14	0°25	4°49	n.a.	S 11
M12	7 6 50	18° 5'49	25°33	26°43	9°18	16°51	22°38	28°26	15° 4	22°46	1° 1	1°R15	0°22	4°55	n.a.	M12
T 13	7 10 47	19° 6'28	7♋20	28°32	8°59	17°31	22°51	28°30	15° 8	22°48	0°59	1°15	0°19	5° 2	n.a.	T 13
W14	7 14 43	20° 7'05	19° 9	0♒21	8°38	18°12	23° 4	28°34	15°11	22°49	0°58	1°14	0°16	5° 9	n.a.	W14
T 15	7 18 40	21° 7'40	1♌ 2	2°10	8°14	18°53	23°18	28°39	15°15	22°50	0°57	1°12	0°12	5°15	n.a.	T 15
F 16	7 22 36	22° 8'14	13° 1	3°58	7°49	19°33	23°31	28°43	15°18	22°51	0°55	1° 9	0° 9	5°22	n.a.	F 16
S 17	7 26 33	23° 8'46	25° 8	5°45	7°21	20°14	23°44	28°48	15°22	22°53	0°54	1° 5	0° 6	5°29	n.a.	S 17
S 18	7 30 29	24° 9'17	7♍25	7°31	6°51	20°54	23°57	28°52	15°25	22°54	0°52	1° 1	0° 3	5°35	n.a.	S 18
M19	7 34 26	25° 9'46	19°54	9°16	6°20	21°35	24°10	28°57	15°28	22°55	0°51	0°58	29♊59	5°42	n.a.	M19
T 20	7 38 22	26°10'14	2♎37	10°58	5°47	22°16	24°23	29° 2	15°32	22°57	0°49	0°55	29°56	5°48	n.a.	T 20
W21	7 42 19	27°10'40	15°36	12°38	5°13	22°56	24°36	29° 7	15°35	22°58	0°48	0°53	29°53	5°55	n.a.	W21
T 22	7 46 16	28°11'04	28°55	14°15	4°37	23°37	24°49	29°12	15°39	23° 0	0°46	0°D52	29°50	6° 2	n.a.	T 22
F 23	7 50 12	29°11'28	12♏34	15°48	4° 1	24°17	25° 2	29°17	15°42	23° 1	0°44	0°53	29°47	6° 8	n.a.	F 23
S 24	7 54 9	0♒11'49	26°36	17°17	3°24	24°58	25°15	29°22	15°46	23° 3	0°43	0°54	29°44	6°15	n.a.	S 24
S 25	7 58 5	1°12'09	11♐ 0	18°41	2°46	25°39	25°27	29°28	15°49	23° 4	0°41	0°56	29°41	6°22	n.a.	S 25
M26	8 2 2	2°12'28	25°44	20° 0	2° 8	26°19	25°40	29°33	15°52	23° 6	0°40	0°R57	29°37	6°28	n.a.	M26
T 27	8 5 58	3°12'45	10♑42	21°13	1°31	27° 0	25°53	29°38	15°56	23° 7	0°38	0°57	29°34	6°35	n.a.	T 27
W28	8 9 55	4°13'00	25°48	22°19	0°54	27°41	26° 5	29°44	15°59	23° 9	0°37	0°55	29°31	6°42	n.a.	W28
T 29	8 13 52	5°13'14	10♒52	23°18	0°17	28°21	26°18	29°49	16° 3	23°11	0°35	0°51	29°28	6°48	n.a.	T 29
F 30	8 17 48	6°13'25	25°44	24° 9	29♑41	29° 2	26°30	29°55	16° 6	23°12	0°34	0°46	29°25	6°55	n.a.	F 30
S 31	8 21 45	7♒13'34	10♓18	24♒52	29♑ 6	29♏43	26♐42	0♈ 1	16♑ 9	23♓14	0♌32	0♋41	29♊22	7♋ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s33	22 s27	2 s48	25 s33	2 s 1	15 s 8	2n56	14 s11	0n40	23 s21	0n 1	3 s14	2 s32	23 s26	0 s30	4 s38	1 s49	31n33	11n46	23n43	23n43	23n55			n.a.
F 2	23 29	19 22	3 51	25 27	2 2	14 53	3 10	14 24	0 39	23 22	0 1	3 12	2 32	23 25	0 30	4 38	1 49	31 34	11 46	23 43	23 43	23 56			n.a.
S 3	23 25	15 9	4 38	25 19	2 2	14 38	3 23	14 37	0 39	23 23	0 0	3 11	2 32	23 25	0 30	4 37	1 49	31 34	11 46	23 43	23 44	23 57			n.a.
S 4	23 21	10 14	5 7	25 10	2 1	14 23	3 37	14 51	0 38	23 24	0 0	3 9	2 31	23 25	0 30	4 37	1 49	31 35	11 46	23 43	23 44	23 57			n.a.
M 5	23 16	5 0	5 18	24 58	2 1	14 10	3 51	15 4	0 37	23 25	0 0	3 7	2 31	23 24	0 30	4 37	1 49	31 35	11 46	23 43	23 44	23 58			n.a.
T 6	23 11	0n19	5 11	24 45	1 59	13 56	4 5	15 17	0 37	23 26	0 0	3 6	2 31	23 24	0 30	4 36	1 49	31 36	11 47	23 43	23 44	23 59			n.a.
W 7	23 5	5 27	4 50	24 29	1 58	13 43	4 20	15 30	0 36	23 27	0 0	3 4	2 31	23 23	0 30	4 36	1 48	31 36	11 47	23 43	23 44	23 59			n.a.
T 8	22 59	10 15	4 15	24 12	1 55	13 31	4 34	15 43	0 36	23 28	0 s 0	3 2	2 30	23 23	0 30	4 35	1 48	31 37	11 47	23 43	23 44	24 0			n.a.
F 9	22 52	14 34	3 30	23 53	1 52	13 20	4 48	15 55	0 35	23 29	0 0	3 0	2 30	23 23	0 30	4 35	1 48	31 37	11 47	23 43	23 44	24 1			n.a.
S 10	22 45	18 15	2 36	23 31	1 49	13 9	5 3	16 8	0 34	23 30	0 0	2 58	2 30	23 22	0 30	4 34	1 48	31 38	11 47	23 43	23 44	24 1			n.a.
S 11	22 37	21 9	1 36	23 8	1 45	12 59	5 17	16 21	0 33	23 31	0 0	2 57	2 30	23 22	0 30	4 34	1 48	31 38	11 48	23 43	23 44	24 2			n.a.
M12	22 29	23 8	0 32	22 42	1 40	12 50	5 31	16 33	0 33	23 32	0 1	2 55	2 29	23 21	0 30	4 33	1 48	31 39	11 48	23 43	23 44	24 3			n.a.
T 13	22 21	24 5	0n34	22 15	1 35	12 41	5 45	16 45	0 32	23 33	0 1	2 53	2 29	23 21	0 30	4 33	1 48	31 39	11 48	23 43	23 44	24 3			n.a.
W14	22 12	23 57	1 37	21 46	1 29	12 33	5 58	16 57	0 31	23 33	0 1	2 51	2 29	23 21	0 30	4 32	1 48	31 40	11 48	23 43	23 44	24 4			n.a.
T 15	22 3	22 43	2 37	21 15	1 22	12 26	6 12	17 9	0 31	23 34	0 1	2 49	2 29	23 20	0 30	4 32	1 48	31 40	11 48	23 43	23 44	24 5			n.a.
F 16	21 53	20 28	3 31	20 42	1 14	12 20	6 25	17 21	0 30	23 35	0 1	2 47	2 28	23 20	0 30	4 31	1 48	31 41	11 48	23 43	23 44	24 5			n.a.
S 17	21 43	17 18	4 15	20 7	1 6	12 15	6 37	17 33	0 29	23 36	0 1	2 45	2 28	23 19	0 30	4 31	1 48	31 41	11 48	23 43	23 44	24 6			n.a.
S 18	21 32	13 20	4 48	19 32	0 57	12 11	6 49	17 44	0 28	23 36	0 1	2 43	2 28	23 19	0 30	4 30	1 48	31 42	11 49	23 43	23 44	24 6			n.a.
M19	21 22	8 46	5 9	18 55	0 47	12 7	7 1	17 56	0 28	23 37	0 1	2 40	2 28	23 19	0 30	4 29	1 48	31 42	11 49	23 43	23 44	24 7			n.a.
T 20	21 10	3 45	5 14	18 17	0 37	12 5	7 12	18 7	0 27	23 38	0 1	2 38	2 27	23 18	0 30	4 29	1 48	31 43	11 49	23 43	23 44	24 8			n.a.
W21	20 59	1 s32	5 4	17 38	0 25	12 3	7 22	18 19	0 26	23 38	0 1	2 36	2 27	23 18	0 30	4 28	1 48	31 43	11 49	23 43	23 44	24 8			n.a.
T 22	20 46	6 53	4 38	16 58	0 13	12 2	7 31	18 30	0 25	23 39	0 2	2 34	2 27	23 17	0 30	4 28	1 48	31 44	11 49	23 43	23 44	24 9			n.a.
F 23	20 34	12 4	3 55	16 18	0 1	12 2	7 40	18 41	0 25	23 40	0 2	2 32	2 27	23 17	0 30	4 27	1 48	31 44	11 49	23 43	23 44	24 9			n.a.
S 24	20 21	16 45	2 57	15 39	0n13	12 2	7 48	18 51	0 24	23 40	0 2	2 29	2 26	23 17	0 30	4 26	1 48	31 45	11 49	23 43	23 44	24 10			n.a.
S 25	20 8	20 36	1 47	14 59	0 26	12 4	7 55	19 2	0 23	23 41	0 2	2 27	2 26	23 16	0 30	4 26	1 48	31 45	11 49	23 43	23 44	24 10			n.a.
M26	19 54	23 11	0 29	14 21	0 41	12 6	8 1	19 12	0 22	23 41	0 2	2 25	2 26	23 16	0 30	4 25	1 48	31 46	11 49	23 43	23 44	24 11			n.a.
T 27	19 40	24 10	0 s53	13 43	0 56	12 9	8 6	19 23	0 21	23 42	0 2	2 22	2 26	23 16	0 30	4 24	1 48	31 46	11 49	23 43	23 44	24 11			n.a.
W28	19 26	23 24	2 12	13 8	1 11	12 13	8 11	19 33	0 20	23 42	0 2	2 20	2 26	23 15	0 30	4 24	1 47	31 46	11 49	23 43	23 44	24 12			n.a.
T 29	19 12	20 56	3 21	12 34	1 26	12 17	8 14	19 43	0 19	23 43	0 2	2 17	2 25	23 15	0 30	4 23	1 47	31 47	11 50	23 44	23 44	24 13			n.a.
F 30	18 57	17 5	4 15	12 2	1 41	12 22	8 16	19 53	0 19	23 43	0 3	2 15	2 25	23 14	0 30	4 22	1 47	31 47	11 50	23 44	23 44	24 13			n.a.
S 31	18 s41	12 s17	4 s52	11 s34	1n56	12 s28	8n18	20 s 3	0n18	23 s44	0 s 3	2 s12	2 s25	23 s14	0 s30	4 s21	1 s47	31n48	11n50	23n44	23n44	24n14			n.a.

Julian Day Number = 1622805.5, Delta T = 03h46m31s
Ecliptic obliquity = 23°43'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'54, Lahiri = - 7°40'53 Julian Calendar 1 Jan. 270 BCE == Greg. Calendar 28 Dec. 271 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

FEBRUARY 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 25 41	8♒13'41	24♓26	25♒27	28°R33	0♐23	26♐55	0♈ 6	16♑13	23♓16	0°R31	0°R35	29♊18	7♋ 8	n.a.	S 1
M 2	8 29 38	9°13'46	8♈ 7	25°52	28♑ 1	1° 4	27° 7	0°12	16°16	23°17	0♌29	0♋30	29°15	7°15	n.a.	M 2
T 3	8 33 34	10°13'48	21°19	26° 8	27°30	1°45	27°19	0°18	16°19	23°19	0°28	0°26	29°12	7°22	n.a.	T 3
W 4	8 37 31	11°13'48	4♉ 5	26°R15	27° 2	2°25	27°31	0°24	16°22	23°21	0°26	0°25	29° 9	7°28	n.a.	W 4
T 5	8 41 27	12°13'46	16°30	26°12	26°35	3° 6	27°43	0°30	16°26	23°23	0°25	0°D25	29° 6	7°35	n.a.	T 5
F 6	8 45 24	13°13'42	28°37	26° 1	26°11	3°47	27°55	0°36	16°29	23°25	0°23	0°26	29° 2	7°41	n.a.	F 6
S 7	8 49 20	14°13'35	10♊33	25°41	25°48	4°27	28° 7	0°42	16°32	23°26	0°22	0°27	28°59	7°48	n.a.	S 7
S 8	8 53 17	15°13'26	22°21	25°13	25°28	5° 8	28°18	0°49	16°35	23°28	0°20	0°28	28°56	7°55	n.a.	S 8
M 9	8 57 14	16°13'15	4♋ 7	24°38	25°11	5°49	28°30	0°55	16°38	23°30	0°19	0°R29	28°53	8° 1	n.a.	M 9
T 10	9 1 10	17°13'02	15°55	23°57	24°55	6°29	28°42	1° 1	16°42	23°32	0°18	0°27	28°50	8° 8	n.a.	T 10
W11	9 5 7	18°12'46	27°48	23°10	24°43	7°10	28°53	1° 8	16°45	23°34	0°16	0°24	28°47	8°15	n.a.	W11
T 12	9 9 3	19°12'28	9♌49	22°18	24°32	7°51	29° 4	1°14	16°48	23°36	0°15	0°18	28°43	8°21	n.a.	T 12
F 13	9 13 0	20°12'08	22° 0	21°24	24°24	8°31	29°16	1°21	16°51	23°38	0°13	0°10	28°40	8°28	n.a.	F 13
S 14	9 16 56	21°11'46	4♍21	20°28	24°19	9°12	29°27	1°27	16°54	23°40	0°12	0° 1	28°37	8°35	n.a.	S 14
S 15	9 20 53	22°11'22	16°54	19°31	24°16	9°53	29°38	1°34	16°57	23°42	0°10	29♊51	28°34	8°41	n.a.	S 15
M16	9 24 49	23°10'55	29°39	18°35	24°D16	10°33	29°49	1°40	17° 0	23°44	0° 9	29°41	28°31	8°48	n.a.	M16
T 17	9 28 46	24°10'27	12♎35	17°41	24°18	11°14	0♑ 0	1°47	17° 3	23°46	0° 8	29°33	28°28	8°55	n.a.	T 17
W18	9 32 43	25° 9'57	25°45	16°49	24°22	11°55	0°11	1°54	17° 6	23°48	0° 6	29°27	28°24	9° 1	n.a.	W18
T 19	9 36 39	26° 9'24	9♏ 8	16° 1	24°29	12°35	0°22	2° 1	17° 9	23°50	0° 5	29°24	28°21	9° 8	n.a.	T 19
F 20	9 40 36	27° 8'51	22°45	15°18	24°38	13°16	0°32	2° 8	17°12	23°52	0° 4	29°D22	28°18	9°15	n.a.	F 20
S 21	9 44 32	28° 8'15	6♐38	14°40	24°49	13°56	0°43	2°14	17°14	23°54	0° 2	29°23	28°15	9°21	n.a.	S 21
S 22	9 48 29	29° 7'37	20°46	14° 7	25° 2	14°37	0°53	2°21	17°17	23°56	0° 1	29°23	28°12	9°28	n.a.	S 22
M23	9 52 25	0♓ 6'58	5♑ 9	13°39	25°17	15°18	1° 4	2°28	17°20	23°58	29♋59	29°R23	28° 8	9°34	n.a.	M23
T 24	9 56 22	1° 6'17	19°44	13°18	25°35	15°58	1°14	2°35	17°23	24° 0	29°58	29°22	28° 5	9°41	n.a.	T 24
W25	10 0 18	2° 5'34	4♒28	13° 2	25°54	16°39	1°24	2°43	17°26	24° 2	29°57	29°18	28° 2	9°48	n.a.	W25
T 26	10 4 15	3° 4'49	19°13	12°52	26°15	17°19	1°34	2°50	17°28	24° 4	29°56	29°11	27°59	9°54	n.a.	T 26
F 27	10 8 12	4° 4'01	3♓52	12°D49	26°38	18° 0	1°44	2°57	17°31	24° 7	29°55	29° 2	27°56	10° 1	n.a.	F 27
S 28	10 12 8	5♓ 3'12	18♓18	12♒50	27♑ 2	18♐41	1♑54	3♈ 4	17♑34	24♓ 9	29♋54	28♊51	27♊53	10♋ 8	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	18s26	6s58	5s10	11s 8	2n11	12s34	8n18	20s12	0n17	23s44	0s 3	2s10	2s25	23s14	0s30	4s21	1s47	31n48	11n50	23n44	23n44	24n14			n.a.
M 2	18 10	1 28	5 9	10 46	2 26	12 40	8 18	20 22	0 16	23 45	0 3	2 7	2 25	23 13	0 30	4 20	1 47	31 48	11 50	23 44	23 44	24 15			n.a.
T 3	17 53	3n55	4 51	10 27	2 40	12 47	8 17	20 31	0 15	23 45	0 3	2 5	2 24	23 13	0 30	4 19	1 47	31 49	11 50	23 44	23 44	24 15			n.a.
W 4	17 37	8 58	4 19	10 12	2 53	12 55	8 15	20 40	0 14	23 45	0 3	2 2	2 24	23 12	0 30	4 19	1 47	31 49	11 50	23 44	23 44	24 16			n.a.
T 5	17 20	13 31	3 36	10 2	3 5	13 2	8 12	20 49	0 13	23 46	0 3	2 0	2 24	23 12	0 30	4 18	1 47	31 49	11 50	23 44	23 43	24 16			n.a.
F 6	17 3	17 25	2 44	9 55	3 16	13 10	8 8	20 58	0 12	23 46	0 3	1 57	2 24	23 12	0 30	4 17	1 47	31 50	11 50	23 44	23 43	24 17			n.a.
S 7	16 46	20 33	1 46	9 53	3 26	13 18	8 4	21 6	0 11	23 46	0 3	1 54	2 24	23 11	0 30	4 16	1 47	31 50	11 50	23 44	23 43	24 17			n.a.
S 8	16 28	22 46	0 44	9 54	3 34	13 27	7 59	21 15	0 10	23 47	0 4	1 52	2 23	23 11	0 30	4 15	1 47	31 50	11 50	23 44	23 43	24 18			n.a.
M 9	16 10	24 0	0n20	10 0	3 41	13 35	7 54	21 23	0 9	23 47	0 4	1 49	2 23	23 11	0 30	4 15	1 47	31 51	11 50	23 44	23 43	24 18			n.a.
T 10	15 52	24 8	1 23	10 10	3 45	13 44	7 48	21 31	0 8	23 47	0 4	1 46	2 23	23 10	0 30	4 14	1 47	31 51	11 50	23 44	23 43	24 18			n.a.
W11	15 33	23 10	2 22	10 22	3 48	13 53	7 41	21 39	0 7	23 47	0 4	1 44	2 23	23 10	0 30	4 13	1 47	31 51	11 50	23 44	23 43	24 19			n.a.
T 12	15 14	21 9	3 16	10 39	3 49	14 1	7 34	21 47	0 6	23 48	0 4	1 41	2 23	23 9	0 30	4 12	1 47	31 52	11 50	23 44	23 43	24 19			n.a.
F 13	14 56	18 9	4 2	10 57	3 47	14 10	7 26	21 54	0 5	23 48	0 4	1 38	2 23	23 9	0 30	4 12	1 47	31 52	11 50	23 44	23 43	24 20			n.a.
S 14	14 36	14 18	4 36	11 18	3 44	14 19	7 19	22 2	0 4	23 48	0 4	1 35	2 22	23 9	0 30	4 11	1 47	31 52	11 49	23 44	23 43	24 20			n.a.
S 15	14 17	9 48	4 58	11 41	3 39	14 27	7 10	22 9	0 3	23 48	0 4	1 32	2 22	23 8	0 30	4 10	1 47	31 53	11 49	23 44	23 43	24 21			n.a.
M16	13 57	4 49	5 6	12 5	3 32	14 36	7 2	22 16	0 2	23 48	0 5	1 30	2 22	23 8	0 30	4 9	1 47	31 53	11 49	23 44	23 43	24 21			n.a.
T 17	13 37	0s28	4 58	12 30	3 23	14 44	6 53	22 23	0 1	23 48	0 5	1 27	2 22	23 8	0 30	4 8	1 47	31 53	11 49	23 44	23 43	24 21			n.a.
W18	13 17	5 48	4 35	12 55	3 13	14 52	6 44	22 30	0s 0	23 48	0 5	1 24	2 22	23 7	0 30	4 7	1 47	31 53	11 49	23 44	23 43	24 22			n.a.
T 19	12 57	10 59	3 56	13 20	3 1	15 0	6 35	22 36	0 1	23 49	0 5	1 21	2 22	23 7	0 30	4 7	1 47	31 54	11 49	23 44	23 43	24 22			n.a.
F 20	12 37	15 44	3 3	13 45	2 49	15 8	6 25	22 42	0 2	23 49	0 5	1 18	2 21	23 7	0 30	4 6	1 47	31 54	11 49	23 44	23 43	24 23			n.a.
S 21	12 16	19 44	1 59	14 9	2 36	15 15	6 16	22 49	0 4	23 49	0 5	1 15	2 21	23 6	0 30	4 5	1 47	31 54	11 49	23 44	23 43	24 23			n.a.
S 22	11 55	22 38	0 46	14 32	2 22	15 23	6 6	22 54	0 5	23 49	0 5	1 12	2 21	23 6	0 30	4 4	1 47	31 54	11 49	23 44	23 43	24 23			n.a.
M23	11 34	24 8	0s31	14 54	2 7	15 29	5 57	23 0	0 6	23 49	0 5	1 9	2 21	23 5	0 30	4 3	1 47	31 54	11 49	23 44	23 43	24 24			n.a.
T 24	11 13	24 1	1 47	15 14	1 53	15 36	5 47	23 6	0 7	23 49	0 6	1 6	2 21	23 5	0 30	4 2	1 47	31 55	11 49	23 44	23 43	24 24			n.a.
W25	10 51	22 13	2 56	15 33	1 38	15 42	5 37	23 11	0 8	23 49	0 6	1 4	2 21	23 5	0 30	4 1	1 47	31 55	11 49	23 44	23 43	24 25			n.a.
T 26	10 30	18 55	3 53	15 50	1 23	15 48	5 27	23 16	0 10	23 49	0 6	1 1	2 21	23 4	0 30	4 1	1 47	31 55	11 48	23 44	23 43	24 25			n.a.
F 27	10 8	14 28	4 35	16 5	1 8	15 53	5 17	23 21	0 11	23 49	0 6	0 58	2 21	23 4	0 30	4 0	1 47	31 55	11 48	23 43	23 43	24 25			n.a.
S 28	9s46	9s14	4s58	16s18	0n54	15s58	5n 8	23s26	0s12	23s49	0s 6	0s55	2s20	23s 4	0s30	3s59	1s47	31n55	11n48	23n43	23n43	24n26			n.a.

Julian Day Number = 1622836.5, Delta T = 03h46m29s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'50, Lahiri = - 7°40'49 Julian Calendar 1 Feb. 270 BCE == Greg. Calendar 28 Jan. 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

MARCH 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 16 5	6♓ 2'20	2♈24	12♒58	27♑28	19♐21	2♑ 3	3♈11	17♑36	24♓11	29°R52	28°R41	27♊49	10♋14	n.a.	S 1
M 2	10 20 1	7° 1'26	16° 5	13°10	27°56	20° 2	2°13	3°19	17°39	24°13	29♋51	28♊31	27°46	10°21	n.a.	M 2
T 3	10 23 58	8° 0'29	29°21	13°28	28°26	20°42	2°22	3°26	17°41	24°15	29°50	28°23	27°43	10°28	n.a.	T 3
W 4	10 27 54	8°59'31	12♉10	13°51	28°57	21°22	2°32	3°33	17°44	24°17	29°49	28°18	27°40	10°34	n.a.	W 4
T 5	10 31 51	9°58'29	24°38	14°18	29°29	22° 3	2°41	3°41	17°46	24°20	29°48	28°15	27°37	10°41	n.a.	T 5
F 6	10 35 47	10°57'26	6♊48	14°49	0♒ 2	22°43	2°50	3°48	17°49	24°22	29°47	28°D13	27°33	10°48	n.a.	F 6
S 7	10 39 44	11°56'20	18°44	15°25	0°37	23°24	2°59	3°55	17°51	24°24	29°46	28°13	27°30	10°54	n.a.	S 7
S 8	10 43 40	12°55'12	0♋33	16° 4	1°14	24° 4	3° 8	4° 3	17°53	24°26	29°45	28°R14	27°27	11° 1	n.a.	S 8
M 9	10 47 37	13°54'01	12°21	16°48	1°51	24°45	3°17	4°10	17°56	24°29	29°44	28°13	27°24	11° 8	n.a.	M 9
T 10	10 51 34	14°52'49	24°11	17°35	2°30	25°25	3°25	4°18	17°58	24°31	29°43	28°10	27°21	11°14	n.a.	T 10
W11	10 55 30	15°51'33	6♌ 9	18°25	3° 9	26° 5	3°34	4°25	18° 0	24°33	29°42	28° 5	27°18	11°21	n.a.	W11
T 12	10 59 27	16°50'16	18°17	19°18	3°50	26°45	3°42	4°33	18° 2	24°35	29°41	27°57	27°14	11°28	n.a.	T 12
F 13	11 3 23	17°48'56	0♍40	20°15	4°32	27°26	3°50	4°41	18° 5	24°37	29°40	27°46	27°11	11°34	n.a.	F 13
S 14	11 7 20	18°47'34	13°16	21°14	5°15	28° 6	3°58	4°48	18° 7	24°40	29°39	27°34	27° 8	11°41	n.a.	S 14
S 15	11 11 16	19°46'10	26° 8	22°16	5°59	28°46	4° 6	4°56	18° 9	24°42	29°38	27°21	27° 5	11°47	n.a.	S 15
M16	11 15 13	20°44'44	9♎14	23°21	6°44	29°26	4°14	5° 3	18°11	24°44	29°37	27° 8	27° 2	11°54	n.a.	M16
T 17	11 19 9	21°43'16	22°32	24°29	7°29	0♑ 7	4°22	5°11	18°13	24°47	29°36	26°57	26°59	12° 1	n.a.	T 17
W18	11 23 6	22°41'46	6♏ 2	25°38	8°16	0°47	4°29	5°19	18°15	24°49	29°36	26°49	26°55	12° 7	n.a.	W18
T 19	11 27 2	23°40'15	19°40	26°50	9° 3	1°27	4°36	5°26	18°17	24°51	29°35	26°43	26°52	12°14	n.a.	T 19
F 20	11 30 59	24°38'41	3♐28	28° 5	9°51	2° 7	4°44	5°34	18°19	24°53	29°34	26°40	26°49	12°21	n.a.	F 20
S 21	11 34 56	25°37'07	17°23	29°22	10°40	2°47	4°51	5°42	18°20	24°56	29°33	26°39	26°46	12°27	n.a.	S 21
S 22	11 38 52	26°35'30	1♑26	0♓40	11°30	3°27	4°58	5°50	18°22	24°58	29°33	26°39	26°43	12°34	n.a.	S 22
M23	11 42 49	27°33'52	15°36	2° 1	12°20	4° 7	5° 5	5°57	18°24	25° 0	29°32	26°39	26°39	12°41	n.a.	M23
T 24	11 46 45	28°32'12	29°52	3°24	13°11	4°47	5°11	6° 5	18°26	25° 2	29°31	26°36	26°36	12°47	n.a.	T 24
W25	11 50 42	29°30'31	14♒12	4°49	14° 3	5°27	5°18	6°13	18°27	25° 5	29°31	26°32	26°33	12°54	n.a.	W25
T 26	11 54 38	0♈28'48	28°31	6°16	14°55	6° 7	5°24	6°21	18°29	25° 7	29°30	26°24	26°30	13° 1	n.a.	T 26
F 27	11 58 35	1°27'03	12♓46	7°45	15°48	6°47	5°30	6°29	18°31	25° 9	29°29	26°14	26°27	13° 7	n.a.	F 27
S 28	12 2 31	2°25'16	26°50	9°15	16°42	7°26	5°36	6°36	18°32	25°11	29°29	26° 2	26°24	13°14	n.a.	S 28
S 29	12 6 28	3°23'27	10♈39	10°48	17°36	8° 6	5°42	6°44	18°34	25°14	29°28	25°50	26°20	13°21	n.a.	S 29
M30	12 10 25	4°21'37	24° 9	12°22	18°30	8°46	5°48	6°52	18°35	25°16	29°28	25°39	26°17	13°27	n.a.	M30
T 31	12 14 21	5♈19'44	7♉17	13♓59	19♒25	9♑25	5♑53	7♈ 0	18♑36	25♓18	29♋27	25♊29	26♊14	13♋34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	9s24	3s39	5s 2	16s30	0n39	16s 3	4n58	23s31	0s13	23s49	0s 6	0s52	2s20	23s 4	0s31	3s58	1s47	31n55	11n48	23n43	23n43	24n26		n.a.	S 1
M 2	9 2	1n58	4 49	16 40	0 25	16 7	4 48	23 35	0 15	23 49	0 6	0 49	2 20	23 3	0 31	3 57	1 47	31 56	11 48	23 43	23 43	24 26		n.a.	M 2
T 3	8 40	7 19	4 20	16 48	0 12	16 11	4 38	23 40	0 16	23 49	0 7	0 46	2 20	23 3	0 31	3 56	1 47	31 56	11 48	23 43	23 42	24 27		n.a.	T 3
W 4	8 18	12 12	3 39	16 54	0s 1	16 14	4 29	23 44	0 17	23 49	0 7	0 42	2 20	23 3	0 31	3 55	1 47	31 56	11 48	23 43	23 42	24 27		n.a.	W 4
T 5	7 55	16 26	2 49	16 58	0 14	16 17	4 19	23 48	0 18	23 49	0 7	0 39	2 20	23 2	0 31	3 54	1 46	31 56	11 47	23 43	23 42	24 27		n.a.	T 5
F 6	7 33	19 52	1 51	17 0	0 26	16 19	4 9	23 51	0 20	23 49	0 7	0 36	2 20	23 2	0 31	3 53	1 46	31 56	11 47	23 43	23 42	24 28		n.a.	F 6
S 7	7 10	22 25	0 50	17 1	0 38	16 21	4 0	23 55	0 21	23 49	0 7	0 33	2 20	23 2	0 31	3 53	1 46	31 56	11 47	23 43	23 42	24 28		n.a.	S 7
S 8	6 47	23 56	0n12	16 59	0 49	16 23	3 51	23 58	0 22	23 49	0 7	0 30	2 20	23 1	0 31	3 52	1 46	31 56	11 47	23 43	23 42	24 28		n.a.	S 8
M 9	6 24	24 23	1 14	16 56	1 0	16 24	3 41	24 1	0 24	23 49	0 7	0 27	2 20	23 1	0 31	3 51	1 46	31 56	11 47	23 43	23 42	24 29		n.a.	M 9
T 10	6 1	23 43	2 13	16 51	1 10	16 24	3 32	24 4	0 25	23 48	0 7	0 24	2 19	23 1	0 31	3 50	1 46	31 56	11 47	23 43	23 42	24 29		n.a.	T 10
W11	5 38	21 58	3 7	16 45	1 19	16 24	3 23	24 7	0 27	23 48	0 8	0 21	2 19	23 1	0 31	3 49	1 46	31 56	11 46	23 43	23 42	24 29		n.a.	W11
T 12	5 15	19 12	3 52	16 36	1 28	16 23	3 14	24 9	0 28	23 48	0 8	0 18	2 19	23 0	0 31	3 48	1 46	31 56	11 46	23 43	23 42	24 29		n.a.	T 12
F 13	4 52	15 32	4 28	16 26	1 36	16 22	3 5	24 12	0 29	23 48	0 8	0 15	2 19	23 0	0 31	3 47	1 46	31 56	11 46	23 43	23 42	24 30		n.a.	F 13
S 14	4 29	11 7	4 51	16 14	1 44	16 20	2 56	24 14	0 31	23 48	0 8	0 12	2 19	23 0	0 31	3 46	1 46	31 56	11 46	23 42	23 42	24 30		n.a.	S 14
S 15	4 6	6 8	5 0	16 1	1 51	16 18	2 47	24 16	0 32	23 48	0 8	0 8	2 19	22 59	0 31	3 45	1 46	31 56	11 46	23 42	23 42	24 30		n.a.	S 15
M16	3 43	0 48	4 54	15 45	1 58	16 15	2 39	24 17	0 34	23 48	0 8	0 5	2 19	22 59	0 31	3 44	1 46	31 56	11 45	23 42	23 42	24 30		n.a.	M16
T 17	3 19	4s41	4 31	15 28	2 4	16 12	2 30	24 19	0 35	23 48	0 9	0 2	2 19	22 59	0 31	3 43	1 46	31 56	11 45	23 42	23 42	24 31		n.a.	T 17
W18	2 56	10 1	3 54	15 10	2 10	16 8	2 22	24 20	0 37	23 48	0 9	0n 1	2 19	22 59	0 31	3 43	1 46	31 56	11 45	23 41	23 42	24 31		n.a.	W18
T 19	2 33	14 57	3 2	14 49	2 15	16 4	2 14	24 21	0 38	23 48	0 9	0 4	2 19	22 59	0 31	3 42	1 46	31 56	11 45	23 41	23 41	24 31		n.a.	T 19
F 20	2 9	19 9	1 59	14 27	2 19	15 59	2 5	24 22	0 40	23 48	0 9	0 7	2 19	22 58	0 31	3 41	1 46	31 56	11 45	23 41	23 41	24 31		n.a.	F 20
S 21	1 46	22 19	0 49	14 4	2 23	15 53	1 57	24 23	0 41	23 47	0 9	0 10	2 19	22 58	0 31	3 40	1 46	31 56	11 44	23 41	23 41	24 32		n.a.	S 21
S 22	1 22	24 8	0s25	13 38	2 26	15 47	1 50	24 24	0 43	23 47	0 9	0 13	2 19	22 58	0 31	3 39	1 46	31 56	11 44	23 41	23 41	24 32		n.a.	S 22
M23	0 59	24 26	1 38	13 12	2 29	15 41	1 42	24 24	0 44	23 47	0 9	0 17	2 19	22 58	0 31	3 38	1 46	31 56	11 44	23 41	23 41	24 32		n.a.	M23
T 24	0 35	23 7	2 46	12 43	2 31	15 34	1 34	24 24	0 46	23 47	0 10	0 20	2 19	22 57	0 31	3 37	1 46	31 56	11 44	23 41	23 41	24 32		n.a.	T 24
W25	0 12	20 19	3 43	12 13	2 33	15 26	1 27	24 24	0 48	23 47	0 10	0 23	2 19	22 57	0 31	3 36	1 46	31 56	11 44	23 41	23 41	24 32		n.a.	W25
T 26	0n12	16 17	4 26	11 42	2 34	15 18	1 19	24 24	0 49	23 47	0 10	0 26	2 18	22 57	0 31	3 35	1 46	31 56	11 43	23 41	23 41	24 33		n.a.	T 26
F 27	0 35	11 20	4 52	11 9	2 34	15 9	1 12	24 24	0 51	23 47	0 10	0 29	2 18	22 57	0 31	3 34	1 46	31 56	11 43	23 40	23 41	24 33		n.a.	F 27
S 28	0 58	5 51	5 0	10 34	2 34	15 0	1 5	24 23	0 53	23 47	0 10	0 32	2 18	22 57	0 31	3 34	1 46	31 56	11 43	23 40	23 41	24 33		n.a.	S 28
S 29	1 22	0 11	4 51	9 58	2 34	14 50	0 58	24 23	0 54	23 47	0 10	0 35	2 18	22 57	0 31	3 33	1 46	31 56	11 43	23 40	23 41	24 33		n.a.	S 29
M30	1 45	5n23	4 25	9 20	2 32	14 39	0 51	24 22	0 56	23 46	0 11	0 39	2 18	22 56	0 31	3 32	1 47	31 55	11 42	23 39	23 41	24 33		n.a.	M30
T 31	2n 8	10n34	3s45	8s41	2s31	14s29	0n44	24s21	0s58	23s46	0s11	0n42	2s18	22s56	0s31	3s31	1s47	31n55	11n42	23n39	23n40	24n33		n.a.	T 31

Julian Day Number = 1622864.5, Delta T = 03h46m29s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'46, Lahiri = - 7°40'45 Julian Calendar 1 March 270 BCE == Greg. Calendar 25 Feb. 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

APRIL 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 18 18	6♈17'50	20♉ 4	15♓37	20♒21	10♑ 5	5♑59	7♈ 8	18♑38	25♓20	29°R27	25°R22	26♊11	13♋41	n.a.	W 1
T 2	12 22 14	7°15'54	2♊30	17°17	21°17	10°44	6° 4	7°15	18°39	25°23	29♋27	25♊18	26° 8	13°47	n.a.	T 2
F 3	12 26 11	8°13'56	14°40	18°59	22°13	11°24	6° 9	7°23	18°40	25°25	29°26	25°16	26° 5	13°54	n.a.	F 3
S 4	12 30 7	9°11'56	26°38	20°42	23°10	12° 3	6°14	7°31	18°42	25°27	29°26	25°D16	26° 1	14° 0	n.a.	S 4
S 5	12 34 4	10° 9'54	8♋28	22°28	24° 7	12°43	6°18	7°39	18°43	25°29	29°26	25°R16	25°58	14° 7	n.a.	S 5
M 6	12 38 0	11° 7'50	20°17	24°15	25° 5	13°22	6°23	7°47	18°44	25°31	29°25	25°16	25°55	14°14	n.a.	M 6
T 7	12 41 57	12° 5'44	2♌ 9	26° 5	26° 3	14° 1	6°27	7°54	18°45	25°34	29°25	25°14	25°52	14°20	n.a.	T 7
W 8	12 45 54	13° 3'36	14°10	27°56	27° 2	14°40	6°32	8° 2	18°46	25°36	29°25	25°10	25°49	14°27	n.a.	W 8
T 9	12 49 50	14° 1'26	26°25	29°49	28° 1	15°19	6°36	8°10	18°47	25°38	29°25	25° 4	25°45	14°34	n.a.	T 9
F 10	12 53 47	14°59'15	8♍55	1♈44	29° 0	15°58	6°39	8°18	18°48	25°40	29°24	24°55	25°42	14°40	n.a.	F 10
S 11	12 57 43	15°57'01	21°44	3°40	29°59	16°37	6°43	8°26	18°49	25°42	29°24	24°44	25°39	14°47	n.a.	S 11
S 12	13 1 40	16°54'46	4♎53	5°39	0♓59	17°16	6°47	8°33	18°49	25°44	29°24	24°33	25°36	14°54	n.a.	S 12
M13	13 5 36	17°52'30	18°19	7°39	2° 0	17°55	6°50	8°41	18°50	25°47	29°24	24°22	25°33	15° 0	n.a.	M13
T 14	13 9 33	18°50'12	2♏ 1	9°41	3° 0	18°33	6°53	8°49	18°51	25°49	29°24	24°13	25°30	15° 7	n.a.	T 14
W15	13 13 29	19°47'52	15°55	11°44	4° 1	19°12	6°56	8°57	18°52	25°51	29°D24	24° 5	25°26	15°14	n.a.	W15
T 16	13 17 26	20°45'32	29°58	13°50	5° 2	19°51	6°59	9° 4	18°52	25°53	29°24	24° 1	25°23	15°20	n.a.	T 16
F 17	13 21 22	21°43'10	14♐ 5	15°56	6° 4	20°29	7° 1	9°12	18°53	25°55	29°24	23°59	25°20	15°27	n.a.	F 17
S 18	13 25 19	22°40'47	28°16	18° 4	7° 6	21° 8	7° 4	9°20	18°53	25°57	29°24	23°D58	25°17	15°34	n.a.	S 18
S 19	13 29 16	23°38'23	12♑26	20°13	8° 8	21°46	7° 6	9°27	18°54	25°59	29°24	23°59	25°14	15°40	n.a.	S 19
M20	13 33 12	24°35'58	26°35	22°23	9°10	22°24	7° 8	9°35	18°54	26° 1	29°24	23°R59	25°10	15°47	n.a.	M20
T 21	13 37 9	25°33'32	10♒41	24°34	10°13	23° 2	7°10	9°43	18°55	26° 3	29°24	23°58	25° 7	15°54	n.a.	T 21
W22	13 41 5	26°31'05	24°44	26°45	11°15	23°40	7°12	9°50	18°55	26° 5	29°25	23°55	25° 4	16° 0	n.a.	W22
T 23	13 45 2	27°28'37	8♓40	28°56	12°19	24°18	7°13	9°58	18°55	26° 7	29°25	23°50	25° 1	16° 7	n.a.	T 23
F 24	13 48 58	28°26'07	22°29	1♉ 8	13°22	24°56	7°14	10° 6	18°55	26° 9	29°25	23°43	24°58	16°14	n.a.	F 24
S 25	13 52 55	29°23'37	6♈ 7	3°19	14°25	25°33	7°15	10°13	18°56	26°11	29°25	23°34	24°55	16°20	n.a.	S 25
S 26	13 56 51	0♉21'06	19°32	5°29	15°29	26°11	7°16	10°21	18°56	26°13	29°26	23°25	24°51	16°27	n.a.	S 26
M27	14 0 48	1°18'33	2♉42	7°39	16°33	26°48	7°17	10°28	18°56	26°15	29°26	23°16	24°48	16°34	n.a.	M27
T 28	14 4 45	2°16'00	15°34	9°48	17°37	27°26	7°18	10°36	18°R56	26°17	29°26	23° 9	24°45	16°40	n.a.	T 28
W29	14 8 41	3°13'25	28°10	11°55	18°42	28° 3	7°18	10°43	18°56	26°19	29°27	23° 4	24°42	16°47	n.a.	W29
T 30	14 12 38	4♉10'50	10♊30	14♉ 0	19♓46	28♑40	7°R18	10♈50	18♑56	26♓21	29♋27	23♊ 2	24♊39	16♋53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n32	15n10	2s55	8s 1	2s28	14s17	0n38	24s20	0s59	23s46	0s11	0n45	2s18	22s56	0s31	3s30	1s47	31n55	11n42	23n39	23n40	24n34		n.a.
T 2	2 55	18 59	1 58	7 19	2 26	14 5	0 31	24 18	1 1	23 46	0 11	0 48	2 18	22 56	0 31	3 29	1 47	31 55	11 42	23 39	23 40	24 34		n.a.
F 3	3 18	21 55	0 56	6 35	2 22	13 53	0 25	24 17	1 3	23 46	0 11	0 51	2 18	22 56	0 31	3 28	1 47	31 55	11 41	23 39	23 40	24 34		n.a.
S 4	3 41	23 48	0n 7	5 50	2 18	13 40	0 18	24 15	1 5	23 46	0 11	0 54	2 18	22 56	0 32	3 27	1 47	31 55	11 41	23 39	23 40	24 34		n.a.
S 5	4 4	24 37	1 10	5 4	2 14	13 27	0 12	24 13	1 6	23 46	0 12	0 57	2 18	22 55	0 32	3 27	1 47	31 55	11 41	23 39	23 40	24 34		n.a.
M 6	4 27	24 18	2 9	4 16	2 9	13 13	0 6	24 11	1 8	23 46	0 12	1 0	2 18	22 55	0 32	3 26	1 47	31 54	11 41	23 39	23 40	24 34		n.a.
T 7	4 50	22 53	3 3	3 27	2 3	12 59	0 1	24 8	1 10	23 46	0 12	1 4	2 18	22 55	0 32	3 25	1 47	31 54	11 40	23 38	23 40	24 34		n.a.
W 8	5 13	20 25	3 49	2 37	1 57	12 44	0s 5	24 6	1 12	23 46	0 12	1 7	2 18	22 55	0 32	3 24	1 47	31 54	11 40	23 38	23 40	24 34		n.a.
T 9	5 36	17 1	4 26	1 46	1 51	12 29	0 11	24 3	1 14	23 46	0 12	1 10	2 18	22 55	0 32	3 23	1 47	31 54	11 40	23 38	23 40	24 34		n.a.
F 10	5 58	12 48	4 51	0 53	1 44	12 13	0 16	24 1	1 16	23 46	0 12	1 13	2 18	22 55	0 32	3 22	1 47	31 54	11 40	23 38	23 39	24 35		n.a.
S 11	6 21	7 56	5 2	0n 1	1 36	11 57	0 21	23 58	1 18	23 46	0 13	1 16	2 18	22 55	0 32	3 21	1 47	31 53	11 39	23 37	23 39	24 35		n.a.
S 12	6 43	2 35	4 58	0 56	1 28	11 40	0 27	23 55	1 19	23 46	0 13	1 19	2 18	22 55	0 32	3 21	1 47	31 53	11 39	23 37	23 39	24 35		n.a.
M13	7 6	3s 0	4 37	1 51	1 19	11 23	0 32	23 51	1 21	23 46	0 13	1 22	2 18	22 55	0 32	3 20	1 47	31 53	11 39	23 36	23 39	24 35		n.a.
T 14	7 28	8 34	4 0	2 48	1 11	11 6	0 37	23 48	1 23	23 46	0 13	1 25	2 18	22 55	0 32	3 19	1 47	31 53	11 38	23 36	23 39	24 35		n.a.
W15	7 50	13 48	3 8	3 45	1 1	10 48	0 41	23 44	1 25	23 46	0 13	1 28	2 18	22 55	0 32	3 18	1 47	31 52	11 38	23 36	23 39	24 35		n.a.
T 16	8 12	18 22	2 4	4 43	0 52	10 29	0 46	23 41	1 27	23 46	0 13	1 31	2 19	22 54	0 32	3 17	1 47	31 52	11 38	23 35	23 39	24 35		n.a.
F 17	8 34	21 54	0 53	5 42	0 42	10 11	0 51	23 37	1 29	23 46	0 14	1 34	2 19	22 54	0 32	3 16	1 47	31 52	11 38	23 35	23 39	24 35		n.a.
S 18	8 56	24 6	0s23	6 41	0 32	9 52	0 55	23 33	1 31	23 46	0 14	1 37	2 19	22 54	0 32	3 16	1 47	31 51	11 37	23 35	23 39	24 35		n.a.
S 19	9 17	24 45	1 37	7 40	0 21	9 32	0 59	23 29	1 33	23 46	0 14	1 40	2 19	22 54	0 32	3 15	1 47	31 51	11 37	23 35	23 38	24 35		n.a.
M20	9 39	23 48	2 45	8 39	0 11	9 12	1 4	23 24	1 35	23 46	0 14	1 43	2 19	22 54	0 32	3 14	1 47	31 51	11 37	23 35	23 38	24 35		n.a.
T 21	10 0	21 20	3 43	9 37	0 0	8 52	1 8	23 20	1 37	23 46	0 14	1 46	2 19	22 54	0 32	3 13	1 47	31 51	11 37	23 35	23 38	24 35		n.a.
W22	10 21	17 37	4 27	10 36	0n10	8 32	1 11	23 16	1 39	23 46	0 14	1 49	2 19	22 54	0 32	3 12	1 47	31 50	11 36	23 35	23 38	24 35		n.a.
T 23	10 42	12 58	4 55	11 33	0 21	8 11	1 15	23 11	1 42	23 46	0 15	1 52	2 19	22 54	0 32	3 12	1 47	31 50	11 36	23 35	23 38	24 35		n.a.
F 24	11 3	7 41	5 5	12 30	0 31	7 50	1 19	23 6	1 44	23 46	0 15	1 55	2 19	22 54	0 32	3 11	1 47	31 50	11 36	23 35	23 38	24 35		n.a.
S 25	11 23	2 6	4 58	13 25	0 41	7 28	1 22	23 1	1 46	23 47	0 15	1 58	2 19	22 54	0 32	3 10	1 47	31 49	11 35	23 34	23 38	24 35		n.a.
S 26	11 44	3n30	4 35	14 19	0 51	7 6	1 26	22 56	1 48	23 47	0 15	2 1	2 19	22 54	0 32	3 9	1 47	31 49	11 35	23 34	23 38	24 35		n.a.
M27	12 4	8 51	3 57	15 11	1 1	6 44	1 29	22 51	1 50	23 47	0 15	2 4	2 19	22 54	0 32	3 9	1 47	31 49	11 35	23 33	23 37	24 35		n.a.
T 28	12 24	13 43	3 8	16 2	1 10	6 22	1 32	22 46	1 52	23 47	0 16	2 7	2 19	22 54	0 32	3 8	1 47	31 48	11 35	23 33	23 37	24 35		n.a.
W29	12 44	17 53	2 10	16 50	1 18	5 59	1 35	22 40	1 55	23 47	0 16	2 10	2 19	22 54	0 32	3 7	1 47	31 48	11 34	23 33	23 37	24 35		n.a.
T 30	13n 4	21n11	1s 7	17n37	1n27	5s36	1s38	22s35	1s57	23s47	0s16	2n12	2s19	22s54	0s32	3s 6	1s47	31n48	11n34	23n33	23n37	24n35		n.a.

Julian Day Number = 1622895.5, Delta T = 03h46m27s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'41, Lahiri = - 7°40'41 Julian Calendar 1 Apr. 270 BCE == Greg. Calendar 28 March 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

MAY 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 16 34	5♉ 8'13	22♊36	16♉ 4	20♓51	29♑17	7°R18	10♈58	18°R56	26♓23	29♋28	23°D 1	24♊36	17♋ 0	n.a.	F 1
S 2	14 20 31	6° 5'35	4♋32	18° 6	21°56	29°54	7♑18	11° 5	18♑56	26°24	29°28	23♊ 1	24°32	17° 7	n.a.	S 2
S 3	14 24 27	7° 2'56	16°22	20° 6	23° 1	0♒30	7°17	11°13	18°55	26°26	29°29	23° 3	24°29	17°13	n.a.	S 3
M 4	14 28 24	8° 0'15	28°11	22° 4	24° 6	1° 7	7°17	11°20	18°55	26°28	29°29	23° 4	24°26	17°20	n.a.	M 4
T 5	14 32 21	8°57'34	10♌ 4	23°59	25°11	1°43	7°16	11°27	18°55	26°30	29°30	23°R 4	24°23	17°27	n.a.	T 5
W 6	14 36 17	9°54'51	22° 6	25°52	26°17	2°19	7°15	11°34	18°54	26°32	29°30	23° 3	24°20	17°33	n.a.	W 6
T 7	14 40 14	10°52'07	4♍22	27°42	27°23	2°55	7°14	11°41	18°54	26°33	29°31	23° 1	24°16	17°40	n.a.	T 7
F 8	14 44 10	11°49'22	16°56	29°30	28°29	3°31	7°12	11°49	18°54	26°35	29°31	22°57	24°13	17°47	n.a.	F 8
S 9	14 48 7	12°46'36	29°51	1♊16	29°35	4° 7	7°11	11°56	18°53	26°37	29°32	22°51	24°10	17°53	n.a.	S 9
S 10	14 52 3	13°43'49	13♎ 9	2°59	0♈41	4°42	7° 9	12° 3	18°53	26°38	29°33	22°45	24° 7	18° 0	n.a.	S 10
M11	14 56 0	14°41'01	26°49	4°39	1°47	5°18	7° 7	12°10	18°52	26°40	29°34	22°39	24° 4	18° 7	n.a.	M11
T 12	14 59 56	15°38'13	10♏49	6°16	2°54	5°53	7° 5	12°17	18°51	26°42	29°34	22°34	24° 1	18°13	n.a.	T 12
W13	15 3 53	16°35'24	25° 6	7°51	4° 0	6°28	7° 3	12°24	18°51	26°43	29°35	22°30	23°57	18°20	n.a.	W13
T 14	15 7 50	17°32'34	9♐34	9°24	5° 7	7° 3	7° 0	12°31	18°50	26°45	29°36	22°28	23°54	18°27	n.a.	T 14
F 15	15 11 46	18°29'44	24° 7	10°53	6°14	7°38	6°58	12°38	18°49	26°47	29°37	22°D27	23°51	18°33	n.a.	F 15
S 16	15 15 43	19°26'53	8♑40	12°20	7°21	8°12	6°55	12°44	18°48	26°48	29°38	22°28	23°48	18°40	n.a.	S 16
S 17	15 19 39	20°24'03	23° 8	13°45	8°28	8°46	6°52	12°51	18°47	26°50	29°39	22°29	23°45	18°47	n.a.	S 17
M18	15 23 36	21°21'12	7♒27	15° 6	9°35	9°20	6°49	12°58	18°47	26°51	29°39	22°30	23°42	18°53	n.a.	M18
T 19	15 27 32	22°18'21	21°36	16°25	10°43	9°54	6°45	13° 5	18°46	26°53	29°40	22°R31	23°38	19° 0	n.a.	T 19
W20	15 31 29	23°15'29	5♓32	17°41	11°50	10°28	6°42	13°11	18°45	26°54	29°41	22°30	23°35	19° 7	n.a.	W20
T 21	15 35 25	24°12'38	19°14	18°53	12°58	11° 1	6°38	13°18	18°44	26°55	29°42	22°28	23°32	19°13	n.a.	T 21
F 22	15 39 22	25° 9'46	2♈43	20° 3	14° 6	11°34	6°34	13°24	18°43	26°57	29°43	22°26	23°29	19°20	n.a.	F 22
S 23	15 43 19	26° 6'55	15°58	21°10	15°13	12° 7	6°30	13°31	18°41	26°58	29°44	22°22	23°26	19°27	n.a.	S 23
S 24	15 47 15	27° 4'03	28°59	22°14	16°21	12°40	6°26	13°37	18°40	27° 0	29°45	22°18	23°22	19°33	n.a.	S 24
M25	15 51 12	28° 1'11	11♉46	23°15	17°30	13°12	6°21	13°44	18°39	27° 1	29°47	22°14	23°19	19°40	n.a.	M25
T 26	15 55 8	28°58'19	24°20	24°12	18°38	13°44	6°17	13°50	18°38	27° 2	29°48	22°11	23°16	19°47	n.a.	T 26
W27	15 59 5	29°55'27	6♊41	25° 6	19°46	14°16	6°12	13°56	18°36	27° 3	29°49	22° 9	23°13	19°53	n.a.	W27
T 28	16 3 1	0♊52'35	18°50	25°57	20°54	14°48	6° 7	14° 2	18°35	27° 5	29°50	22°D 9	23°10	20° 0	n.a.	T 28
F 29	16 6 58	1°49'43	0♋50	26°44	22° 3	15°19	6° 2	14° 9	18°34	27° 6	29°51	22° 9	23° 7	20° 7	n.a.	F 29
S 30	16 10 54	2°46'50	12°43	27°27	23°12	15°50	5°57	14°15	18°32	27° 7	29°52	22°10	23° 3	20°13	n.a.	S 30
S 31	16 14 51	3♊43'58	24♋32	28♊ 7	24♈20	16♒21	5♑51	14♈21	18♑31	27♓ 8	29♋54	22♊11	23♊ 0	20♋20	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	13n23	23n29	0s 2	18n21	1n34	5s13	1s41	22s29	1s59	23s48	0s16	2n15	2s19	22s54	0s32	3s 6	1s47	31n47	11n34	23n32	23n37	24n35		n.a.	
S 2	13 43	24 41	1n 2	19 3	1 41	4 49	1 44	22 24	2 1	23 48	0 16	2 18	2 19	22 55	0 32	3 5	1 47	31 47	11 34	23 33	23 37	24 35		n.a.	
S 3	14 2	24 45	2 3	19 42	1 47	4 26	1 46	22 18	2 4	23 48	0 17	2 21	2 20	22 55	0 32	3 4	1 47	31 47	11 33	23 33	23 37	24 35		n.a.	
M 4	14 21	23 41	2 59	20 19	1 53	4 2	1 48	22 12	2 6	23 48	0 17	2 24	2 20	22 55	0 33	3 4	1 48	31 46	11 33	23 33	23 37	24 35		n.a.	
T 5	14 39	21 35	3 47	20 54	1 58	3 37	1 51	22 6	2 8	23 48	0 17	2 27	2 20	22 55	0 33	3 3	1 48	31 46	11 33	23 33	23 36	24 35		n.a.	
W 6	14 58	18 30	4 26	21 26	2 2	3 13	1 53	22 0	2 11	23 49	0 17	2 29	2 20	22 55	0 33	3 2	1 48	31 45	11 32	23 33	23 36	24 35		n.a.	
T 7	15 16	14 34	4 54	21 55	2 6	2 49	1 55	21 54	2 13	23 49	0 17	2 32	2 20	22 55	0 33	3 2	1 48	31 45	11 32	23 32	23 36	24 34		n.a.	
F 8	15 34	9 56	5 8	22 22	2 8	2 24	1 57	21 48	2 15	23 49	0 18	2 35	2 20	22 55	0 33	3 1	1 48	31 45	11 32	23 32	23 36	24 34		n.a.	
S 9	15 52	4 45	5 8	22 47	2 10	1 59	1 59	21 41	2 18	23 50	0 18	2 37	2 20	22 55	0 33	3 0	1 48	31 44	11 32	23 32	23 36	24 34		n.a.	
S 10	16 9	0s47	4 51	23 9	2 12	1 34	2 0	21 35	2 20	23 50	0 18	2 40	2 20	22 55	0 33	3 0	1 48	31 44	11 31	23 32	23 36	24 34		n.a.	
M11	16 26	6 28	4 17	23 29	2 12	1 9	2 2	21 28	2 23	23 50	0 18	2 43	2 20	22 55	0 33	2 59	1 48	31 43	11 31	23 31	23 36	24 34		n.a.	
T 12	16 43	11 58	3 27	23 47	2 12	0 43	2 3	21 22	2 25	23 50	0 18	2 45	2 21	22 55	0 33	2 59	1 48	31 43	11 31	23 31	23 35	24 34		n.a.	
W13	17 0	16 57	2 24	24 2	2 11	0 18	2 5	21 15	2 27	23 51	0 19	2 48	2 21	22 56	0 33	2 58	1 48	31 42	11 31	23 31	23 35	24 34		n.a.	
T 14	17 16	21 0	1 10	24 15	2 9	0n 8	2 6	21 9	2 30	23 51	0 19	2 51	2 21	22 56	0 33	2 57	1 48	31 42	11 30	23 31	23 35	24 34		n.a.	
F 15	17 32	23 45	0s 9	24 27	2 7	0 34	2 7	21 2	2 32	23 51	0 19	2 53	2 21	22 56	0 33	2 57	1 48	31 42	11 30	23 31	23 35	24 34		n.a.	
S 16	17 48	24 54	1 28	24 36	2 4	0 59	2 8	20 56	2 35	23 52	0 19	2 56	2 21	22 56	0 33	2 56	1 48	31 41	11 30	23 31	23 35	24 33		n.a.	
S 17	18 4	24 21	2 40	24 43	2 0	1 25	2 9	20 49	2 38	23 52	0 19	2 58	2 21	22 56	0 33	2 56	1 48	31 41	11 30	23 31	23 35	24 33		n.a.	
M18	18 19	22 12	3 42	24 48	1 56	1 51	2 10	20 42	2 40	23 53	0 19	3 1	2 21	22 56	0 33	2 55	1 48	31 40	11 29	23 31	23 35	24 33		n.a.	
T 19	18 34	18 43	4 29	24 51	1 50	2 17	2 11	20 35	2 43	23 53	0 20	3 3	2 21	22 56	0 33	2 54	1 48	31 40	11 29	23 31	23 34	24 33		n.a.	
W20	18 49	14 14	5 0	24 53	1 45	2 44	2 11	20 28	2 45	23 53	0 20	3 6	2 22	22 57	0 33	2 54	1 48	31 39	11 29	23 31	23 34	24 33		n.a.	
T 21	19 3	9 6	5 13	24 53	1 38	3 10	2 12	20 22	2 48	23 54	0 20	3 8	2 22	22 57	0 33	2 53	1 48	31 39	11 29	23 31	23 34	24 33		n.a.	
F 22	19 17	3 37	5 8	24 52	1 31	3 36	2 12	20 15	2 51	23 54	0 20	3 11	2 22	22 57	0 33	2 53	1 48	31 38	11 28	23 31	23 34	24 32		n.a.	
S 23	19 31	1n56	4 47	24 49	1 23	4 2	2 12	20 8	2 53	23 54	0 20	3 13	2 22	22 57	0 33	2 52	1 48	31 38	11 28	23 30	23 34	24 32		n.a.	
S 24	19 44	7 19	4 12	24 44	1 15	4 28	2 12	20 1	2 56	23 55	0 21	3 16	2 22	22 57	0 33	2 52	1 49	31 38	11 28	23 30	23 34	24 32		n.a.	
M25	19 57	12 19	3 24	24 39	1 5	4 55	2 13	19 54	2 59	23 55	0 21	3 18	2 22	22 58	0 33	2 51	1 49	31 37	11 28	23 30	23 33	24 32		n.a.	
T 26	20 10	16 42	2 27	24 32	0 56	5 21	2 13	19 47	3 1	23 56	0 21	3 20	2 22	22 58	0 33	2 51	1 49	31 37	11 28	23 30	23 33	24 32		n.a.	
W27	20 23	20 18	1 24	24 23	0 45	5 47	2 12	19 40	3 4	23 56	0 21	3 23	2 23	22 58	0 33	2 51	1 49	31 36	11 27	23 30	23 33	24 31		n.a.	
T 28	20 35	22 57	0 18	24 14	0 34	6 13	2 12	19 34	3 7	23 57	0 21	3 25	2 23	22 58	0 33	2 50	1 49	31 36	11 27	23 30	23 33	24 31		n.a.	
F 29	20 47	24 31	0n48	24 4	0 23	6 39	2 12	19 27	3 9	23 57	0 22	3 27	2 23	22 58	0 33	2 50	1 49	31 35	11 27	23 30	23 33	24 31		n.a.	
S 30	20 58	24 57	1 51	23 53	0 11	7 5	2 11	19 20	3 12	23 57	0 22	3 29	2 23	22 59	0 33	2 49	1 49	31 35	11 27	23 30	23 33	24 31		n.a.	
S 31	21n 9	24n15	2n50	23n41	0s 2	7n31	2s11	19s13	3s15	23s58	0s22	3n31	2s23	22s59	0s33	2s49	1s49	31n34	11n26	23n30	23n32	24n30		n.a.	

Julian Day Number = 1622925.5, Delta T = 03h46m26s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'37, Lahiri = - 7°40'37 Julian Calendar 1 May 270 BCE == Greg. Calendar 27 Apr. 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

JUNE 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 18 48	4♊41'05	6♌20	28♊43	25♈29	16♒51	5°R46	14♈27	18°R29	27♓ 9	29♋55	22♊13	22♊57	20♋27	n.a.	M 1
T 2	16 22 44	5°38'11	18°13	29°14	26°38	17°21	5♑40	14°33	18♑28	27°10	29°56	22°14	22°54	20°33	n.a.	T 2
W 3	16 26 41	6°35'18	0♍14	29°42	27°47	17°51	5°35	14°38	18°26	27°11	29°58	22°15	22°51	20°40	n.a.	W 3
T 4	16 30 37	7°32'24	12°29	0♋ 5	28°56	18°20	5°29	14°44	18°25	27°12	29°59	22°R15	22°48	20°47	n.a.	T 4
F 5	16 34 34	8°29'30	25° 2	0°23	0♉ 5	18°50	5°23	14°50	18°23	27°13	0♌ 0	22°14	22°44	20°53	n.a.	F 5
S 6	16 38 30	9°26'36	7♎56	0°37	1°14	19°18	5°16	14°56	18°21	27°14	0° 2	22°13	22°41	21° 0	n.a.	S 6
S 7	16 42 27	10°23'42	21°14	0°47	2°23	19°47	5°10	15° 1	18°20	27°15	0° 3	22°11	22°38	21° 7	n.a.	S 7
M 8	16 46 23	11°20'48	4♏58	0°51	3°33	20°15	5° 4	15° 7	18°18	27°16	0° 4	22°10	22°35	21°13	n.a.	M 8
T 9	16 50 20	12°17'54	19° 7	0°R52	4°42	20°42	4°57	15°12	18°16	27°17	0° 6	22° 9	22°32	21°20	n.a.	T 9
W10	16 54 17	13°15'01	3♐37	0°47	5°52	21°10	4°51	15°17	18°14	27°18	0° 7	22° 8	22°28	21°27	n.a.	W10
T 11	16 58 13	14°12'07	18°24	0°37	7° 1	21°37	4°44	15°23	18°13	27°19	0° 9	22°D 8	22°25	21°33	n.a.	T 11
F 12	17 2 10	15° 9'14	3♑20	0°23	8°11	22° 3	4°37	15°28	18°11	27°20	0°10	22° 8	22°22	21°40	n.a.	F 12
S 13	17 6 6	16° 6'22	18°16	0° 5	9°21	22°29	4°30	15°33	18° 9	27°20	0°12	22° 8	22°19	21°47	n.a.	S 13
S 14	17 10 3	17° 3'30	3♒ 6	29♊42	10°31	22°55	4°23	15°38	18° 7	27°21	0°13	22° 9	22°16	21°53	n.a.	S 14
M15	17 13 59	18° 0'39	17°43	29°15	11°41	23°20	4°16	15°43	18° 5	27°22	0°15	22° 9	22°13	22° 0	n.a.	M15
T 16	17 17 56	18°57'48	2♓ 3	28°45	12°51	23°45	4° 9	15°48	18° 3	27°22	0°16	22° 9	22° 9	22° 7	n.a.	T 16
W17	17 21 53	19°54'58	16° 2	28°11	14° 1	24° 9	4° 2	15°53	18° 1	27°23	0°18	22°R10	22° 6	22°13	n.a.	W17
T 18	17 25 49	20°52'09	29°40	27°34	15°11	24°33	3°54	15°58	17°59	27°24	0°20	22°10	22° 3	22°20	n.a.	T 18
F 19	17 29 46	21°49'21	12♈59	26°55	16°22	24°56	3°47	16° 2	17°57	27°24	0°21	22°D 9	22° 0	22°27	n.a.	F 19
S 20	17 33 42	22°46'34	25°58	26°15	17°32	25°19	3°39	16° 7	17°55	27°25	0°23	22° 9	21°57	22°33	n.a.	S 20
S 21	17 37 39	23°43'48	8♉41	25°34	18°42	25°42	3°32	16°12	17°53	27°25	0°25	22°10	21°53	22°40	n.a.	S 21
M22	17 41 35	24°41'03	21°10	24°52	19°53	26° 4	3°24	16°16	17°51	27°26	0°26	22°10	21°50	22°47	n.a.	M22
T 23	17 45 32	25°38'18	3♊27	24°11	21° 3	26°25	3°17	16°20	17°49	27°26	0°28	22°10	21°47	22°53	n.a.	T 23
W24	17 49 28	26°35'35	15°34	23°31	22°14	26°46	3° 9	16°25	17°46	27°27	0°30	22°10	21°44	23° 0	n.a.	W24
T 25	17 53 25	27°32'52	27°33	22°53	23°25	27° 6	3° 1	16°29	17°44	27°27	0°31	22°R10	21°41	23° 7	n.a.	T 25
F 26	17 57 22	28°30'10	9♋26	22°18	24°36	27°26	2°54	16°33	17°42	27°27	0°33	22°10	21°38	23°13	n.a.	F 26
S 27	18 1 18	29°27'29	21°15	21°46	25°47	27°45	2°46	16°37	17°40	27°28	0°35	22° 9	21°34	23°20	n.a.	S 27
S 28	18 5 15	0♋24'48	3♌ 3	21°18	26°57	28° 3	2°38	16°41	17°37	27°28	0°37	22° 8	21°31	23°27	n.a.	S 28
M29	18 9 11	1°22'09	14°53	20°54	28° 8	28°21	2°30	16°45	17°35	27°28	0°38	22° 7	21°28	23°33	n.a.	M29
T 30	18 13 8	2♋19'30	26♌47	20♊36	29♉20	28♒38	2♑23	16♈49	17♑33	27♓28	0♌40	22♊ 6	21♊25	23♋40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	21n20	22n28	3n41	23n28	0s15	7n57	2s10	19s 7	3s18	23s58	0s22	3n34	2s23	22s59	0s33	2s48	1s49	31n34	11n26	23n30	23n32	24n30		n.a.	M 1
T 2	21 30	19 42	4 23	23 15	0 28	8 23	2 10	19 0	3 21	23 59	0 22	3 36	2 24	22 59	0 33	2 48	1 49	31 33	11 26	23 30	23 32	24 30		n.a.	T 2
W 3	21 40	16 5	4 54	23 1	0 42	8 48	2 9	18 53	3 24	23 59	0 23	3 38	2 24	23 0	0 33	2 48	1 49	31 33	11 26	23 30	23 32	24 30		n.a.	W 3
T 4	21 50	11 45	5 12	22 47	0 57	9 14	2 8	18 47	3 26	24 0	0 23	3 40	2 24	23 0	0 33	2 47	1 49	31 32	11 26	23 30	23 32	24 29		n.a.	T 4
F 5	21 59	6 49	5 16	22 32	1 11	9 39	2 7	18 40	3 29	24 0	0 23	3 42	2 24	23 0	0 33	2 47	1 49	31 32	11 25	23 30	23 32	24 29		n.a.	F 5
S 6	22 8	1 29	5 5	22 17	1 26	10 5	2 6	18 34	3 32	24 0	0 23	3 44	2 24	23 0	0 33	2 47	1 49	31 31	11 25	23 30	23 31	24 29		n.a.	S 6
S 7	22 17	4s 6	4 37	22 2	1 42	10 30	2 5	18 27	3 35	24 1	0 23	3 46	2 25	23 1	0 34	2 46	1 49	31 31	11 25	23 30	23 31	24 29		n.a.	S 7
M 8	22 25	9 41	3 53	21 47	1 57	10 55	2 4	18 21	3 38	24 1	0 24	3 48	2 25	23 1	0 34	2 46	1 49	31 30	11 25	23 30	23 31	24 28		n.a.	M 8
T 9	22 32	14 56	2 53	21 31	2 12	11 19	2 3	18 15	3 41	24 2	0 24	3 50	2 25	23 1	0 34	2 46	1 49	31 30	11 25	23 30	23 31	24 28		n.a.	T 9
W10	22 40	19 29	1 41	21 16	2 27	11 44	2 1	18 9	3 44	24 2	0 24	3 52	2 25	23 1	0 34	2 45	1 50	31 29	11 25	23 29	23 31	24 28		n.a.	W10
T 11	22 47	22 52	0 21	21 1	2 43	12 8	2 0	18 3	3 47	24 3	0 24	3 54	2 25	23 2	0 34	2 45	1 50	31 29	11 24	23 29	23 30	24 27		n.a.	T 11
F 12	22 53	24 43	1s 2	20 46	2 57	12 32	1 58	17 57	3 50	24 3	0 24	3 56	2 26	23 2	0 34	2 45	1 50	31 28	11 24	23 29	23 30	24 27		n.a.	F 12
S 13	23 0	24 47	2 20	20 32	3 12	12 56	1 57	17 51	3 53	24 4	0 25	3 57	2 26	23 2	0 34	2 45	1 50	31 28	11 24	23 29	23 30	24 27		n.a.	S 13
S 14	23 5	23 5	3 28	20 18	3 25	13 20	1 55	17 45	3 56	24 4	0 25	3 59	2 26	23 3	0 34	2 44	1 50	31 27	11 24	23 30	23 30	24 26		n.a.	S 14
M15	23 11	19 51	4 22	20 5	3 39	13 43	1 54	17 39	3 59	24 4	0 25	4 1	2 26	23 3	0 34	2 44	1 50	31 27	11 24	23 30	23 30	24 26		n.a.	M15
T 16	23 16	15 30	4 58	19 53	3 51	14 6	1 52	17 34	4 2	24 5	0 25	4 3	2 26	23 3	0 34	2 44	1 50	31 26	11 24	23 30	23 30	24 26		n.a.	T 16
W17	23 20	10 25	5 16	19 41	4 2	14 29	1 50	17 28	4 5	24 5	0 25	4 4	2 27	23 3	0 34	2 44	1 50	31 26	11 23	23 30	23 29	24 25		n.a.	W17
T 18	23 25	4 56	5 15	19 30	4 12	14 52	1 48	17 23	4 8	24 6	0 25	4 6	2 27	23 4	0 34	2 44	1 50	31 25	11 23	23 30	23 29	24 25		n.a.	T 18
F 19	23 28	0n38	4 57	19 21	4 21	15 14	1 46	17 18	4 11	24 6	0 26	4 8	2 27	23 4	0 34	2 43	1 50	31 25	11 23	23 30	23 29	24 25		n.a.	F 19
S 20	23 32	6 3	4 24	19 12	4 28	15 36	1 44	17 13	4 14	24 6	0 26	4 9	2 27	23 4	0 34	2 43	1 50	31 24	11 23	23 30	23 29	24 24		n.a.	S 20
S 21	23 35	11 7	3 39	19 5	4 34	15 58	1 42	17 8	4 17	24 7	0 26	4 11	2 27	23 5	0 34	2 43	1 50	31 23	11 23	23 30	23 29	24 24		n.a.	S 21
M22	23 37	15 38	2 44	19 0	4 38	16 19	1 40	17 3	4 20	24 7	0 26	4 12	2 28	23 5	0 34	2 43	1 50	31 23	11 23	23 30	23 28	24 23		n.a.	M22
T 23	23 39	19 26	1 42	18 55	4 41	16 40	1 38	16 59	4 24	24 8	0 26	4 14	2 28	23 5	0 34	2 43	1 50	31 22	11 23	23 30	23 28	24 23		n.a.	T 23
W24	23 41	22 20	0 37	18 53	4 42	17 1	1 36	16 55	4 27	24 8	0 26	4 15	2 28	23 5	0 34	2 43	1 50	31 22	11 23	23 30	23 28	24 23		n.a.	W24
T 25	23 42	24 12	0n30	18 52	4 41	17 21	1 33	16 50	4 30	24 8	0 27	4 17	2 28	23 6	0 34	2 43	1 51	31 21	11 22	23 30	23 28	24 22		n.a.	T 25
F 26	23 43	24 57	1 34	18 52	4 38	17 41	1 31	16 46	4 33	24 9	0 27	4 18	2 29	23 6	0 34	2 43	1 51	31 21	11 22	23 30	23 28	24 22		n.a.	F 26
S 27	23 44	24 34	2 34	18 54	4 34	18 0	1 29	16 43	4 36	24 9	0 27	4 19	2 29	23 6	0 34	2 43	1 51	31 20	11 22	23 30	23 27	24 21		n.a.	S 27
S 28	23 44	23 5	3 28	18 58	4 29	18 19	1 26	16 39	4 39	24 9	0 27	4 21	2 29	23 7	0 34	2 43	1 51	31 20	11 22	23 30	23 27	24 21		n.a.	S 28
M29	23 43	20 35	4 12	19 4	4 21	18 37	1 24	16 35	4 42	24 10	0 27	4 22	2 29	23 7	0 34	2 43	1 51	31 19	11 22	23 29	23 27	24 21		n.a.	M29
T 30	23n42	17n12	4n46	19n11	4s13	18n56	1s21	16s32	4s45	24s10	0s27	4n23	2s30	23s 7	0s34	2s42	1s51	31n19	11n22	23n29	23n27	24n20		n.a.	T 30

Julian Day Number = 1622956.5, Delta T = 03h46m25s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'33, Lahiri = - 7°40'33 Julian Calendar 1 June 270 BCE == Greg. Calendar 28 May 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

JULY 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 17 4	3♋16'52	8♍49	20°R22	0♊31	28♒55	2°R15	16♈52	17°R31	27♓29	0♌42	22°R 5	21♊22	23♋47	n.a.	W 1
T 2	18 21 1	4°14'14	21° 3	20♊15	1°42	29°11	2♉ 7	16°56	17♉28	27°29	0°44	22♊ 4	21°19	23°53	n.a.	T 2
F 3	18 24 57	5°11'38	3♎33	20°D14	2°53	29°26	1°59	16°59	17°26	27°29	0°46	22°D 3	21°15	24° 0	n.a.	F 3
S 4	18 28 54	6° 9'02	16°22	20°19	4° 4	29°41	1°51	17° 3	17°24	27°29	0°48	22° 4	21°12	24° 7	n.a.	S 4
S 5	18 32 51	7° 6'27	29°35	20°30	5°16	29°54	1°44	17° 6	17°21	27°29	0°49	22° 4	21° 9	24°13	n.a.	S 5
M 6	18 36 47	8° 3'52	13♏14	20°49	6°27	0♓ 8	1°36	17° 9	17°19	27°R29	0°51	22° 6	21° 6	24°20	n.a.	M 6
T 7	18 40 44	9° 1'19	27°19	21°13	7°39	0°20	1°28	17°12	17°17	27°29	0°53	22° 7	21° 3	24°27	n.a.	T 7
W 8	18 44 40	9°58'47	11♐50	21°44	8°50	0°32	1°21	17°15	17°14	27°29	0°55	22° 8	20°59	24°33	n.a.	W 8
T 9	18 48 37	10°56'16	26°42	22°22	10° 2	0°43	1°13	17°18	17°12	27°29	0°57	22°R 8	20°56	24°40	n.a.	T 9
F 10	18 52 33	11°53'46	11♑49	23° 7	11°14	0°54	1° 6	17°21	17°10	27°29	0°59	22° 7	20°53	24°47	n.a.	F 10
S 11	18 56 30	12°51'17	27° 2	23°58	12°26	1° 3	0°58	17°24	17° 7	27°29	1° 1	22° 5	20°50	24°53	n.a.	S 11
S 12	19 0 27	13°48'49	12♒10	24°55	13°37	1°12	0°51	17°26	17° 5	27°28	1° 3	22° 3	20°47	25° 0	n.a.	S 12
M13	19 4 23	14°46'23	27° 6	25°58	14°49	1°20	0°43	17°29	17° 2	27°28	1° 5	22° 0	20°44	25° 7	n.a.	M13
T 14	19 8 20	15°43'59	11♓40	27° 8	16° 1	1°28	0°36	17°31	17° 0	27°28	1° 7	21°57	20°40	25°13	n.a.	T 14
W15	19 12 16	16°41'36	25°50	28°23	17°13	1°34	0°29	17°34	16°58	27°28	1° 8	21°55	20°37	25°20	n.a.	W15
T 16	19 16 13	17°39'15	9♈33	29°43	18°25	1°40	0°22	17°36	16°55	27°27	1°10	21°53	20°34	25°27	n.a.	T 16
F 17	19 20 9	18°36'55	22°49	1♋ 9	19°38	1°45	0°15	17°38	16°53	27°27	1°12	21°D53	20°31	25°33	n.a.	F 17
S 18	19 24 6	19°34'37	5♉43	2°40	20°50	1°49	0° 8	17°40	16°50	27°27	1°14	21°54	20°28	25°40	n.a.	S 18
S 19	19 28 2	20°32'21	18°16	4°15	22° 2	1°52	0° 1	17°42	16°48	27°26	1°16	21°56	20°25	25°47	n.a.	S 19
M20	19 31 59	21°30'07	0♊33	5°55	23°15	1°54	29♐54	17°44	16°46	27°26	1°18	21°57	20°21	25°53	n.a.	M20
T 21	19 35 56	22°27'55	12°39	7°38	24°27	1°56	29°47	17°45	16°43	27°25	1°20	21°59	20°18	26° 0	n.a.	T 21
W22	19 39 52	23°25'44	24°35	9°24	25°40	1°R56	29°41	17°47	16°41	27°25	1°22	21°R59	20°15	26° 7	n.a.	W22
T 23	19 43 49	24°23'35	6♋27	11°14	26°52	1°56	29°35	17°48	16°38	27°24	1°24	21°58	20°12	26°13	n.a.	T 23
F 24	19 47 45	25°21'27	18°16	13° 6	28° 5	1°55	29°28	17°50	16°36	27°24	1°26	21°55	20° 9	26°20	n.a.	F 24
S 25	19 51 42	26°19'22	0♌ 4	15° 0	29°17	1°53	29°22	17°51	16°34	27°23	1°28	21°51	20° 5	26°27	n.a.	S 25
S 26	19 55 38	27°17'18	11°54	16°55	0♋30	1°50	29°16	17°52	16°31	27°22	1°30	21°45	20° 2	26°33	n.a.	S 26
M27	19 59 35	28°15'15	23°48	18°52	1°43	1°47	29°10	17°53	16°29	27°22	1°32	21°39	19°59	26°40	n.a.	M27
T 28	20 3 31	29°13'14	5♍47	20°50	2°56	1°42	29° 4	17°54	16°27	27°21	1°34	21°32	19°56	26°47	n.a.	T 28
W29	20 7 28	0♌11'14	17°54	22°48	4° 9	1°37	28°59	17°55	16°24	27°20	1°36	21°26	19°53	26°53	n.a.	W29
T 30	20 11 25	1° 9'16	0♎11	24°47	5°22	1°31	28°53	17°56	16°22	27°20	1°38	21°20	19°50	27° 0	n.a.	T 30
F 31	20 15 21	2♌ 7'20	12♎41	26♋45	6♋35	1♓24	28♐48	17♈56	16♉20	27♓19	1♌40	21♊17	19♊46	27♋ 7	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n41	13n 6	5n 8	19n20	4s 3	19n13	1s19	16s29	4s49	24s10	0s28	4n24	2s30	23s 8	0s34	2s42	1s51	31n18	11n22	23n29	23n27	24n20			n.a.
T 2	23 40	8 26	5 17	19 31	3 52	19 30	1 16	16 26	4 52	24 10	0 28	4 25	2 30	23 8	0 34	2 42	1 51	31 18	11 22	23 29	23 26	24 19			n.a.
F 3	23 37	3 19	5 10	19 42	3 40	19 47	1 14	16 24	4 55	24 11	0 28	4 26	2 30	23 8	0 34	2 43	1 51	31 17	11 22	23 29	23 26	24 19			n.a.
S 4	23 35	2s 5	4 49	19 56	3 27	20 3	1 11	16 21	4 58	24 11	0 28	4 28	2 31	23 9	0 34	2 43	1 51	31 17	11 22	23 29	23 26	24 18			n.a.
S 5	23 32	7 33	4 11	20 10	3 14	20 19	1 8	16 19	5 1	24 11	0 28	4 29	2 31	23 9	0 34	2 43	1 51	31 16	11 22	23 29	23 26	24 18			n.a.
M 6	23 29	12 50	3 19	20 25	2 59	20 34	1 6	16 17	5 4	24 11	0 28	4 30	2 31	23 9	0 34	2 43	1 51	31 16	11 22	23 29	23 26	24 17			n.a.
T 7	23 25	17 38	2 13	20 42	2 45	20 49	1 3	16 16	5 7	24 12	0 28	4 31	2 31	23 10	0 34	2 43	1 51	31 15	11 21	23 29	23 25	24 17			n.a.
W 8	23 21	21 33	0 57	20 59	2 29	21 3	1 0	16 14	5 10	24 12	0 29	4 31	2 32	23 10	0 34	2 43	1 51	31 15	11 21	23 29	23 25	24 16			n.a.
T 9	23 16	24 6	0s25	21 16	2 14	21 17	0 57	16 13	5 13	24 12	0 29	4 32	2 32	23 10	0 34	2 43	1 51	31 14	11 21	23 29	23 25	24 16			n.a.
F 10	23 11	24 58	1 47	21 34	1 59	21 30	0 55	16 12	5 16	24 12	0 29	4 33	2 32	23 11	0 34	2 43	1 52	31 14	11 21	23 29	23 25	24 15			n.a.
S 11	23 6	23 58	3 1	21 53	1 43	21 42	0 52	16 11	5 19	24 12	0 29	4 34	2 32	23 11	0 34	2 43	1 52	31 13	11 21	23 29	23 24	24 15			n.a.
S 12	23 0	21 13	4 2	22 10	1 27	21 54	0 49	16 11	5 22	24 13	0 29	4 35	2 33	23 11	0 34	2 43	1 52	31 13	11 21	23 29	23 24	24 14			n.a.
M13	22 54	17 5	4 46	22 28	1 12	22 5	0 46	16 11	5 25	24 13	0 29	4 35	2 33	23 11	0 34	2 43	1 52	31 12	11 21	23 29	23 24	24 14			n.a.
T 14	22 47	12 2	5 10	22 45	0 57	22 16	0 43	16 11	5 28	24 13	0 29	4 36	2 33	23 12	0 34	2 44	1 52	31 12	11 21	23 29	23 24	24 13			n.a.
W15	22 40	6 28	5 14	23 1	0 42	22 26	0 41	16 11	5 31	24 13	0 30	4 37	2 33	23 12	0 34	2 44	1 52	31 11	11 21	23 29	23 24	24 13			n.a.
T 16	22 33	0 46	5 0	23 16	0 27	22 35	0 38	16 11	5 34	24 13	0 30	4 37	2 34	23 12	0 34	2 44	1 52	31 11	11 21	23 29	23 23	24 12			n.a.
F 17	22 25	4n48	4 30	23 30	0 13	22 44	0 35	16 12	5 36	24 13	0 30	4 38	2 34	23 13	0 34	2 44	1 52	31 10	11 21	23 29	23 23	24 12			n.a.
S 18	22 17	10 1	3 47	23 42	0n 0	22 53	0 32	16 13	5 39	24 14	0 30	4 39	2 34	23 13	0 34	2 44	1 52	31 10	11 21	23 29	23 23	24 11			n.a.
S 19	22 8	14 41	2 55	23 52	0 13	23 0	0 29	16 14	5 42	24 14	0 30	4 39	2 34	23 13	0 34	2 45	1 52	31 10	11 21	23 29	23 23	24 10			n.a.
M20	21 59	18 38	1 55	24 1	0 25	23 7	0 26	16 16	5 44	24 14	0 30	4 39	2 35	23 14	0 34	2 45	1 52	31 9	11 21	23 29	23 22	24 10			n.a.
T 21	21 50	21 45	0 51	24 6	0 36	23 13	0 23	16 18	5 47	24 14	0 30	4 40	2 35	23 14	0 34	2 45	1 52	31 9	11 21	23 29	23 22	24 9			n.a.
W22	21 40	23 51	0n14	24 10	0 47	23 19	0 20	16 20	5 49	24 14	0 30	4 40	2 35	23 14	0 34	2 45	1 52	31 8	11 21	23 29	23 22	24 9			n.a.
T 23	21 30	24 52	1 18	24 11	0 56	23 24	0 18	16 22	5 52	24 14	0 30	4 41	2 36	23 15	0 34	2 46	1 52	31 8	11 21	23 29	23 22	24 8			n.a.
F 24	21 19	24 45	2 19	24 10	1 5	23 28	0 15	16 25	5 54	24 14	0 31	4 41	2 36	23 15	0 34	2 46	1 52	31 7	11 21	23 29	23 21	24 8			n.a.
S 25	21 9	23 31	3 13	24 5	1 13	23 32	0 12	16 27	5 56	24 14	0 31	4 41	2 36	23 15	0 34	2 46	1 52	31 7	11 21	23 28	23 21	24 7			n.a.
S 26	20 57	21 15	3 59	23 58	1 20	23 35	0 9	16 30	5 58	24 14	0 31	4 41	2 36	23 15	0 34	2 46	1 53	31 6	11 21	23 28	23 21	24 6			n.a.
M27	20 46	18 3	4 35	23 49	1 27	23 37	0 6	16 34	6 0	24 14	0 31	4 41	2 37	23 16	0 34	2 47	1 53	31 6	11 21	23 28	23 21	24 6			n.a.
T 28	20 34	14 7	4 59	23 36	1 32	23 38	0 3	16 37	6 2	24 14	0 31	4 42	2 37	23 16	0 34	2 47	1 53	31 6	11 21	23 27	23 20	24 5			n.a.
W29	20 21	9 34	5 9	23 22	1 37	23 39	0 1	16 41	6 4	24 14	0 31	4 42	2 37	23 16	0 34	2 47	1 53	31 5	11 22	23 27	23 20	24 4			n.a.
T 30	20 9	4 36	5 6	23 4	1 40	23 39	0n 2	16 45	6 6	24 15	0 31	4 42	2 37	23 17	0 34	2 48	1 53	31 5	11 22	23 26	23 20	24 4			n.a.
F 31	19n56	0s39	4n49	22n45	1n43	23n39	0n 5	16s49	6s 8	24s15	0s31	4n42	2s38	23s17	0s34	2s48	1s53	31n 4	11n22	23n26	23n20	24n 3			n.a.

Julian Day Number = 1622986.5, Delta T = 03h46m24s
Ecliptic obliquity = 23°43'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'29, Lahiri = - 7°40'29 Julian Calendar 1 July 270 BCE == Greg. Calendar 27 June 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

AUGUST 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 19 18	3♌ 5'25	25♎28	28♋43	7♋48	1°R16	28°R43	17♈57	16°R18	27°R18	1♌42	21°R15	19♊43	27♋13	n.a.	S 1
S 2	20 23 14	4° 3'31	8♏35	0♌41	9° 1	1♓ 7	28♐37	17°57	16♉15	27♓17	1°44	21°D15	19°40	27°20	n.a.	S 2
M 3	20 27 11	5° 1'39	22° 4	2°39	10°14	0°58	28°33	17°58	16°13	27°16	1°46	21♊16	19°37	27°27	n.a.	M 3
T 4	20 31 7	5°59'49	5♐59	4°35	11°27	0°48	28°28	17°58	16°11	27°15	1°48	21°17	19°34	27°33	n.a.	T 4
W 5	20 35 4	6°58'00	20°19	6°31	12°40	0°37	28°23	17°R58	16° 9	27°14	1°50	21°R18	19°31	27°40	n.a.	W 5
T 6	20 39 0	7°56'13	5♑ 3	8°26	13°54	0°26	28°19	17°58	16° 7	27°14	1°52	21°17	19°27	27°47	n.a.	T 6
F 7	20 42 57	8°54'28	20° 5	10°20	15° 7	0°13	28°15	17°58	16° 4	27°13	1°54	21°14	19°24	27°53	n.a.	F 7
S 8	20 46 54	9°52'44	5♒19	12°13	16°21	0° 1	28°11	17°57	16° 2	27°12	1°56	21° 9	19°21	28° 0	n.a.	S 8
S 9	20 50 50	10°51'03	20°34	14° 5	17°34	29♒47	28° 7	17°57	16° 0	27°11	1°58	21° 3	19°18	28° 7	n.a.	S 9
M10	20 54 47	11°49'23	5♓39	15°56	18°48	29°33	28° 3	17°57	15°58	27°10	2° 0	20°55	19°15	28°13	n.a.	M10
T 11	20 58 43	12°47'45	20°25	17°45	20° 1	29°19	27°59	17°56	15°56	27° 8	2° 2	20°47	19°11	28°20	n.a.	T 11
W12	21 2 40	13°46'09	4♈45	19°34	21°15	29° 4	27°56	17°55	15°54	27° 7	2° 4	20°41	19° 8	28°27	n.a.	W12
T 13	21 6 36	14°44'36	18°35	21°22	22°29	28°48	27°53	17°55	15°52	27° 6	2° 6	20°36	19° 5	28°33	n.a.	T 13
F 14	21 10 33	15°43'04	1♉57	23° 8	23°42	28°32	27°50	17°54	15°50	27° 5	2° 8	20°33	19° 2	28°40	n.a.	F 14
S 15	21 14 29	16°41'36	14°51	24°53	24°56	28°16	27°47	17°53	15°48	27° 4	2°10	20°D32	18°59	28°47	n.a.	S 15
S 16	21 18 26	17°40'09	27°23	26°37	26°10	27°59	27°44	17°52	15°46	27° 3	2°12	20°32	18°56	28°54	n.a.	S 16
M17	21 22 22	18°38'45	9♊36	28°21	27°24	27°42	27°42	17°50	15°44	27° 1	2°14	20°33	18°52	29° 0	n.a.	M17
T 18	21 26 19	19°37'23	21°36	0♍ 3	28°38	27°24	27°40	17°49	15°42	27° 0	2°16	20°R33	18°49	29° 7	n.a.	T 18
W19	21 30 16	20°36'03	3♋28	1°44	29°52	27° 7	27°38	17°48	15°40	26°59	2°18	20°32	18°46	29°14	n.a.	W19
T 20	21 34 12	21°34'46	15°16	3°24	1♌ 6	26°49	27°36	17°46	15°39	26°58	2°20	20°29	18°43	29°20	n.a.	T 20
F 21	21 38 9	22°33'31	27° 4	5° 3	2°20	26°31	27°34	17°44	15°37	26°56	2°22	20°24	18°40	29°27	n.a.	F 21
S 22	21 42 5	23°32'18	8♌55	6°41	3°34	26°13	27°33	17°43	15°35	26°55	2°24	20°15	18°37	29°34	n.a.	S 22
S 23	21 46 2	24°31'07	20°50	8°18	4°49	25°55	27°31	17°41	15°33	26°54	2°26	20° 5	18°33	29°40	n.a.	S 23
M24	21 49 58	25°29'58	2♍51	9°54	6° 3	25°37	27°30	17°39	15°32	26°52	2°27	19°53	18°30	29°47	n.a.	M24
T 25	21 53 55	26°28'51	15° 0	11°29	7°17	25°19	27°29	17°37	15°30	26°51	2°29	19°40	18°27	29°54	n.a.	T 25
W26	21 57 51	27°27'46	27°18	13° 3	8°31	25° 1	27°29	17°35	15°29	26°50	2°31	19°28	18°24	0♌ 0	n.a.	W26
T 27	22 1 48	28°26'44	9♎45	14°36	9°46	24°44	27°28	17°32	15°27	26°48	2°33	19°18	18°21	0° 7	n.a.	T 27
F 28	22 5 45	29°25'43	22°24	16° 9	11° 0	24°26	27°28	17°30	15°25	26°47	2°35	19°10	18°17	0°14	n.a.	F 28
S 29	22 9 41	0♍24'44	5♏15	17°40	12°15	24° 9	27°D28	17°28	15°24	26°45	2°37	19° 5	18°14	0°20	n.a.	S 29
S 30	22 13 38	1°23'47	18°21	19°10	13°29	23°53	27°28	17°25	15°23	26°44	2°39	19° 2	18°11	0°27	n.a.	S 30
M31	22 17 34	2♍22'52	1♐46	20♍40	14♌44	23♒36	27♐28	17♈22	15♉21	26♓42	2♌40	19°D 2	18♊ 8	0♌34	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n42	5s59	4n17	22n23	1n45	23n37	0n 8	16s53	6s 9	24s15	0s31	4n42	2s38	23s17	0s34	2s49	1s53	31n 4	11n22	23n26	23n19	24n 3		n.a.
S 2	19 28	11 13	3 31	21 59	1 47	23 35	0 10	16 58	6 10	24 15	0 31	4 41	2 38	23 17	0 34	2 49	1 53	31 3	11 22	23 26	23 19	24 2		n.a.
M 3	19 14	16 4	2 32	21 33	1 47	23 33	0 13	17 2	6 12	24 15	0 31	4 41	2 39	23 18	0 34	2 49	1 53	31 3	11 22	23 26	23 19	24 1		n.a.
T 4	19 0	20 13	1 22	21 5	1 48	23 29	0 16	17 7	6 13	24 15	0 32	4 41	2 39	23 18	0 34	2 50	1 53	31 3	11 22	23 26	23 19	24 1		n.a.
W 5	18 45	23 17	0 5	20 36	1 47	23 25	0 18	17 12	6 14	24 15	0 32	4 41	2 39	23 18	0 34	2 50	1 53	31 2	11 22	23 26	23 18	24 0		n.a.
T 6	18 30	24 51	1s14	20 4	1 46	23 21	0 21	17 17	6 15	24 15	0 32	4 41	2 39	23 18	0 34	2 51	1 53	31 2	11 22	23 26	23 18	23 59		n.a.
F 7	18 15	24 40	2 29	19 32	1 44	23 15	0 24	17 22	6 15	24 15	0 32	4 40	2 40	23 19	0 34	2 51	1 53	31 1	11 22	23 26	23 18	23 58		n.a.
S 8	17 59	22 38	3 35	18 58	1 42	23 9	0 26	17 27	6 16	24 15	0 32	4 40	2 40	23 19	0 34	2 51	1 53	31 1	11 22	23 26	23 18	23 58		n.a.
S 9	17 43	18 59	4 25	18 23	1 39	23 2	0 29	17 32	6 16	24 15	0 32	4 40	2 40	23 19	0 34	2 52	1 53	31 1	11 23	23 25	23 17	23 57		n.a.
M10	17 27	14 8	4 56	17 47	1 36	22 54	0 31	17 37	6 16	24 15	0 32	4 39	2 40	23 19	0 34	2 52	1 53	31 0	11 23	23 25	23 17	23 56		n.a.
T 11	17 10	8 32	5 7	17 10	1 33	22 46	0 34	17 42	6 16	24 15	0 32	4 39	2 41	23 20	0 34	2 53	1 53	31 0	11 23	23 24	23 17	23 56		n.a.
W12	16 54	2 38	4 58	16 32	1 29	22 37	0 36	17 48	6 16	24 15	0 32	4 38	2 41	23 20	0 34	2 53	1 53	31 0	11 23	23 24	23 17	23 55		n.a.
T 13	16 36	3n12	4 31	15 53	1 24	22 28	0 38	17 53	6 16	24 15	0 32	4 38	2 41	23 20	0 34	2 54	1 54	30 59	11 23	23 23	23 16	23 54		n.a.
F 14	16 19	8 41	3 51	15 13	1 20	22 17	0 41	17 58	6 15	24 15	0 32	4 37	2 41	23 20	0 34	2 54	1 54	30 59	11 23	23 23	23 16	23 53		n.a.
S 15	16 1	13 38	3 0	14 33	1 15	22 6	0 43	18 4	6 15	24 15	0 32	4 37	2 42	23 21	0 34	2 55	1 54	30 59	11 23	23 23	23 16	23 53		n.a.
S 16	15 43	17 51	2 1	13 53	1 10	21 55	0 45	18 9	6 14	24 15	0 32	4 36	2 42	23 21	0 34	2 55	1 54	30 58	11 24	23 23	23 16	23 52		n.a.
M17	15 25	21 12	0 58	13 12	1 4	21 42	0 47	18 14	6 13	24 15	0 32	4 35	2 42	23 21	0 34	2 56	1 54	30 58	11 24	23 23	23 15	23 51		n.a.
T 18	15 7	23 33	0n 6	12 30	0 58	21 29	0 50	18 19	6 11	24 15	0 32	4 34	2 42	23 21	0 34	2 56	1 54	30 58	11 24	23 23	23 15	23 50		n.a.
W19	14 48	24 50	1 9	11 48	0 52	21 16	0 52	18 24	6 10	24 15	0 32	4 34	2 43	23 22	0 34	2 57	1 54	30 57	11 24	23 23	23 15	23 50		n.a.
T 20	14 29	24 58	2 8	11 6	0 46	21 2	0 54	18 29	6 9	24 15	0 32	4 33	2 43	23 22	0 34	2 58	1 54	30 57	11 24	23 23	23 15	23 49		n.a.
F 21	14 10	23 58	3 2	10 24	0 40	20 47	0 56	18 33	6 7	24 15	0 33	4 32	2 43	23 22	0 34	2 58	1 54	30 57	11 24	23 23	23 14	23 48		n.a.
S 22	13 50	21 54	3 48	9 41	0 33	20 31	0 58	18 38	6 5	24 15	0 33	4 31	2 43	23 22	0 34	2 59	1 54	30 56	11 25	23 22	23 14	23 47		n.a.
S 23	13 30	18 53	4 24	8 58	0 27	20 15	1 0	18 42	6 3	24 15	0 33	4 30	2 44	23 22	0 34	2 59	1 54	30 56	11 25	23 21	23 14	23 46		n.a.
M24	13 11	15 4	4 49	8 15	0 20	19 59	1 1	18 46	6 0	24 15	0 33	4 29	2 44	23 22	0 34	3 0	1 54	30 56	11 25	23 20	23 13	23 46		n.a.
T 25	12 50	10 35	5 1	7 33	0 13	19 41	1 3	18 50	5 58	24 15	0 33	4 28	2 44	23 23	0 34	3 0	1 54	30 56	11 25	23 19	23 13	23 45		n.a.
W26	12 30	5 39	4 59	6 50	0 6	19 24	1 5	18 54	5 55	24 15	0 33	4 27	2 44	23 23	0 34	3 1	1 54	30 55	11 25	23 18	23 13	23 44		n.a.
T 27	12 9	0 25	4 43	6 7	0s 1	19 5	1 7	18 57	5 53	24 15	0 33	4 26	2 45	23 23	0 34	3 2	1 54	30 55	11 26	23 17	23 13	23 43		n.a.
F 28	11 49	4s54	4 13	5 24	0 8	18 46	1 8	19 1	5 50	24 15	0 33	4 25	2 45	23 23	0 34	3 2	1 54	30 55	11 26	23 17	23 12	23 42		n.a.
S 29	11 28	10 8	3 30	4 41	0 16	18 27	1 10	19 4	5 47	24 15	0 33	4 24	2 45	23 23	0 34	3 3	1 54	30 55	11 26	23 16	23 12	23 42		n.a.
S 30	11 6	15 1	2 35	3 59	0 23	18 7	1 11	19 6	5 43	24 15	0 33	4 23	2 45	23 23	0 34	3 4	1 54	30 54	11 26	23 16	23 12	23 41		n.a.
M31	10n45	19s17	1n30	3n17	0s30	17n46	1n13	19s 9	5s40	24s15	0s33	4n21	2s45	23s24	0s34	3s 4	1s54	30n54	11n26	23n16	23n11	23n40		n.a.

Julian Day Number = 1623017.5, Delta T = 03h46m23s
Ecliptic obliquity = 23°43'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'25, Lahiri = - 7°40'24 Julian Calendar 1 Aug. 270 BCE == Greg. Calendar 28 July 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

SEPTEMBER 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 21 31	3♍21'59	15♐30	22♍ 9	15♌58	23°R20	27♐29	17°R20	15°R20	26°R41	2♌42	19°R 2	18♊ 5	0♌40	n.a.	T 1
W 2	22 25 27	4°21'07	29°36	23°36	17°13	23♒ 5	27°29	17♈17	15♉18	26♓39	2°44	19♊ 2	18° 2	0°47	n.a.	W 2
T 3	22 29 24	5°20'18	14♑ 3	25° 3	18°27	22°50	27°30	17°14	15°17	26°38	2°46	19° 0	17°58	0°54	n.a.	T 3
F 4	22 33 20	6°19'30	28°48	26°29	19°42	22°35	27°31	17°11	15°16	26°36	2°47	18°55	17°55	1° 0	n.a.	F 4
S 5	22 37 17	7°18'44	13♒47	27°54	20°57	22°22	27°33	17° 8	15°15	26°35	2°49	18°48	17°52	1° 7	n.a.	S 5
S 6	22 41 14	8°18'01	28°50	29°18	22°12	22° 8	27°34	17° 5	15°14	26°33	2°51	18°39	17°49	1°14	n.a.	S 6
M 7	22 45 10	9°17'19	13♓49	0♎40	23°26	21°56	27°36	17° 1	15°13	26°31	2°53	18°27	17°46	1°20	n.a.	M 7
T 8	22 49 7	10°16'39	28°34	2° 2	24°41	21°44	27°38	16°58	15°11	26°30	2°54	18°16	17°43	1°27	n.a.	T 8
W 9	22 53 3	11°16'02	12♈56	3°23	25°56	21°32	27°40	16°55	15°10	26°28	2°56	18° 5	17°39	1°34	n.a.	W 9
T 10	22 57 0	12°15'27	26°52	4°42	27°11	21°21	27°42	16°51	15° 9	26°27	2°58	17°57	17°36	1°41	n.a.	T 10
F 11	23 0 56	13°14'54	10♉18	6° 0	28°26	21°11	27°44	16°47	15° 9	26°25	2°59	17°51	17°33	1°47	n.a.	F 11
S 12	23 4 53	14°14'24	23°16	7°17	29°41	21° 2	27°47	16°44	15° 8	26°23	3° 1	17°48	17°30	1°54	n.a.	S 12
S 13	23 8 49	15°13'56	5♊51	8°33	0♍56	20°53	27°50	16°40	15° 7	26°22	3° 2	17°47	17°27	2° 1	n.a.	S 13
M14	23 12 46	16°13'31	18° 5	9°47	2°11	20°46	27°53	16°36	15° 6	26°20	3° 4	17°47	17°23	2° 7	n.a.	M14
T 15	23 16 42	17°13'08	0♋ 6	11° 0	3°26	20°39	27°56	16°32	15° 5	26°18	3° 5	17°47	17°20	2°14	n.a.	T 15
W16	23 20 39	18°12'48	11°57	12°11	4°41	20°32	27°59	16°28	15° 5	26°17	3° 7	17°45	17°17	2°21	n.a.	W16
T 17	23 24 36	19°12'29	23°45	13°20	5°56	20°27	28° 3	16°24	15° 4	26°15	3° 9	17°41	17°14	2°27	n.a.	T 17
F 18	23 28 32	20°12'13	5♌35	14°27	7°11	20°22	28° 7	16°20	15° 3	26°13	3°10	17°35	17°11	2°34	n.a.	F 18
S 19	23 32 29	21°12'00	17°29	15°32	8°26	20°18	28°11	16°16	15° 3	26°12	3°11	17°26	17° 8	2°41	n.a.	S 19
S 20	23 36 25	22°11'48	29°31	16°34	9°41	20°15	28°15	16°12	15° 2	26°10	3°13	17°14	17° 4	2°47	n.a.	S 20
M21	23 40 22	23°11'39	11♍42	17°34	10°56	20°13	28°19	16° 8	15° 2	26° 8	3°14	17° 0	17° 1	2°54	n.a.	M21
T 22	23 44 18	24°11'32	24° 4	18°31	12°12	20°11	28°24	16° 3	15° 1	26° 7	3°16	16°46	16°58	3° 1	n.a.	T 22
W23	23 48 15	25°11'27	6♎38	19°24	13°27	20°D10	28°28	15°59	15° 1	26° 5	3°17	16°32	16°55	3° 7	n.a.	W23
T 24	23 52 11	26°11'23	19°22	20°15	14°42	20°10	28°33	15°54	15° 1	26° 3	3°19	16°20	16°52	3°14	n.a.	T 24
F 25	23 56 8	27°11'22	2♏18	21° 1	15°57	20°11	28°38	15°50	15° 1	26° 2	3°20	16°11	16°48	3°21	n.a.	F 25
S 26	0 0 4	28°11'23	15°24	21°43	17°13	20°13	28°43	15°45	15° 0	26° 0	3°21	16° 5	16°45	3°27	n.a.	S 26
S 27	0 4 1	29°11'25	28°41	22°20	18°28	20°16	28°49	15°41	15° 0	25°58	3°22	16° 2	16°42	3°34	n.a.	S 27
M28	0 7 58	0♎11'30	12♐11	22°51	19°43	20°19	28°54	15°36	15° 0	25°57	3°24	16°D 1	16°39	3°41	n.a.	M28
T 29	0 11 54	1°11'36	25°54	23°17	20°59	20°23	29° 0	15°31	15°D 0	25°55	3°25	16°R 1	16°36	3°48	n.a.	T 29
W30	0 15 51	2♎11'43	9♑51	23♎36	22♍14	20♒28	29♐ 6	15♈27	15♑ 0	25♓53	3♌26	16♊ 1	16♊33	3♌54	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n24	22s37	0n19	2n35	0s38	17n25	1n14	19s11	5s37	24s15	0s33	4n20	2s46	23s24	0s34	3s 5	1s54	30n54	11n27	23n16	23n11	23n39		n.a.
W 2	10 2	24 39	0s56	1 53	0 45	17 3	1 15	19 13	5 33	24 15	0 33	4 19	2 46	23 24	0 34	3 5	1 54	30 54	11 27	23 16	23 11	23 38		n.a.
T 3	9 40	25 6	2 8	1 11	0 53	16 41	1 16	19 15	5 29	24 15	0 33	4 18	2 46	23 24	0 34	3 6	1 54	30 54	11 27	23 16	23 11	23 37		n.a.
F 4	9 18	23 48	3 14	0 30	1 0	16 19	1 18	19 16	5 25	24 15	0 33	4 16	2 46	23 24	0 34	3 7	1 54	30 53	11 27	23 16	23 10	23 36		n.a.
S 5	8 56	20 49	4 7	0s11	1 7	15 56	1 19	19 17	5 22	24 15	0 33	4 15	2 47	23 24	0 34	3 7	1 54	30 53	11 28	23 15	23 10	23 36		n.a.
S 6	8 33	16 26	4 43	0 51	1 15	15 32	1 20	19 17	5 18	24 15	0 33	4 13	2 47	23 24	0 34	3 8	1 54	30 53	11 28	23 14	23 10	23 35		n.a.
M 7	8 11	11 2	5 0	1 31	1 22	15 8	1 21	19 18	5 13	24 16	0 33	4 12	2 47	23 25	0 34	3 9	1 54	30 53	11 28	23 13	23 9	23 34		n.a.
T 8	7 48	5 5	4 56	2 11	1 29	14 44	1 22	19 18	5 9	24 16	0 33	4 11	2 47	23 25	0 34	3 9	1 54	30 53	11 29	23 12	23 9	23 33		n.a.
W 9	7 26	0n59	4 33	2 50	1 36	14 19	1 23	19 18	5 5	24 16	0 33	4 9	2 47	23 25	0 34	3 10	1 55	30 53	11 29	23 11	23 9	23 32		n.a.
T 10	7 3	6 50	3 55	3 28	1 43	13 54	1 23	19 17	5 1	24 16	0 33	4 8	2 47	23 25	0 34	3 11	1 55	30 52	11 29	23 11	23 9	23 31		n.a.
F 11	6 40	12 10	3 4	4 6	1 50	13 28	1 24	19 16	4 56	24 16	0 33	4 6	2 48	23 25	0 34	3 11	1 55	30 52	11 29	23 10	23 8	23 30		n.a.
S 12	6 16	16 47	2 6	4 43	1 57	13 3	1 25	19 15	4 52	24 16	0 33	4 4	2 48	23 25	0 34	3 12	1 55	30 52	11 30	23 10	23 8	23 29		n.a.
S 13	5 53	20 31	1 3	5 19	2 4	12 36	1 25	19 14	4 47	24 16	0 33	4 3	2 48	23 25	0 34	3 13	1 55	30 52	11 30	23 10	23 8	23 28		n.a.
M14	5 30	23 13	0n 2	5 55	2 10	12 10	1 26	19 12	4 43	24 16	0 33	4 1	2 48	23 25	0 34	3 13	1 55	30 52	11 30	23 10	23 7	23 27		n.a.
T 15	5 6	24 48	1 5	6 29	2 16	11 43	1 26	19 10	4 38	24 16	0 33	4 0	2 48	23 25	0 34	3 14	1 55	30 52	11 31	23 10	23 7	23 26		n.a.
W16	4 43	25 15	2 4	7 3	2 22	11 15	1 27	19 8	4 34	24 16	0 33	3 58	2 48	23 25	0 34	3 15	1 55	30 52	11 31	23 9	23 7	23 25		n.a.
T 17	4 19	24 32	2 58	7 36	2 28	10 48	1 27	19 6	4 29	24 16	0 33	3 56	2 48	23 25	0 34	3 15	1 55	30 52	11 31	23 9	23 6	23 24		n.a.
F 18	3 56	22 43	3 44	8 7	2 34	10 20	1 27	19 3	4 25	24 16	0 33	3 55	2 49	23 25	0 34	3 16	1 55	30 52	11 32	23 8	23 6	23 23		n.a.
S 19	3 32	19 54	4 20	8 37	2 39	9 51	1 27	19 0	4 20	24 16	0 33	3 53	2 49	23 25	0 34	3 17	1 55	30 52	11 32	23 8	23 6	23 22		n.a.
S 20	3 8	16 14	4 46	9 6	2 44	9 23	1 28	18 56	4 15	24 16	0 33	3 51	2 49	23 25	0 34	3 17	1 55	30 52	11 32	23 6	23 6	23 21		n.a.
M21	2 44	11 51	4 58	9 34	2 48	8 54	1 28	18 53	4 11	24 16	0 33	3 49	2 49	23 25	0 33	3 18	1 55	30 52	11 32	23 5	23 5	23 21		n.a.
T 22	2 20	6 55	4 57	9 59	2 52	8 25	1 28	18 49	4 6	24 17	0 33	3 48	2 49	23 25	0 33	3 19	1 55	30 52	11 33	23 4	23 5	23 20		n.a.
W23	1 56	1 39	4 42	10 23	2 56	7 56	1 28	18 45	4 2	24 17	0 33	3 46	2 49	23 26	0 33	3 20	1 55	30 51	11 33	23 2	23 5	23 19		n.a.
T 24	1 32	3s47	4 12	10 45	2 59	7 26	1 27	18 41	3 57	24 17	0 33	3 44	2 49	23 26	0 33	3 20	1 55	30 51	11 34	23 1	23 4	23 18		n.a.
F 25	1 8	9 9	3 29	11 5	3 1	6 56	1 27	18 36	3 53	24 17	0 34	3 42	2 49	23 26	0 33	3 21	1 55	30 51	11 34	23 0	23 4	23 16		n.a.
S 26	0 44	14 11	2 34	11 23	3 3	6 26	1 27	18 31	3 48	24 17	0 34	3 40	2 49	23 26	0 33	3 22	1 55	30 51	11 34	22 59	23 4	23 15		n.a.
S 27	0 20	18 38	1 30	11 38	3 4	5 56	1 26	18 26	3 44	24 17	0 34	3 38	2 50	23 26	0 33	3 22	1 55	30 51	11 35	22 59	23 3	23 14		n.a.
M28	0s 5	22 11	0 20	11 50	3 4	5 26	1 26	18 21	3 39	24 17	0 34	3 37	2 50	23 26	0 33	3 23	1 55	30 52	11 35	22 59	23 3	23 13		n.a.
T 29	0 29	24 32	0s52	11 59	3 3	4 56	1 26	18 15	3 35	24 17	0 34	3 35	2 50	23 25	0 33	3 24	1 55	30 52	11 35	22 59	23 3	23 12		n.a.
W30	0s53	25s24	2s 3	12s 4	3s 1	4n25	1n25	18s 9	3s30	24s17	0s34	3n33	2s50	23s25	0s33	3s24	1s55	30n52	11n36	22n59	23n 2	23n11		n.a.

Julian Day Number = 1623048.5, Delta T = 03h46m22s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'21, Lahiri = - 7°40'20 Julian Calendar 1 Sept. 270 BCE == Greg. Calendar 28 Aug. 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

OCTOBER 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 19 47	3♎11'53	24♉ 2	23♎48	23♍29	20♒33	29♐12	15°R22	15♉ 0	25°R52	3♌27	15°R59	16♊29	4♌ 1	n.a.	T 1
F 2	0 23 44	4°12'03	8♒27	23°R52	24°45	20°40	29°18	15♈17	15° 0	25♓50	3°29	15♊55	16°26	4° 8	n.a.	F 2
S 3	0 27 40	5°12'16	23° 1	23°48	26° 0	20°47	29°25	15°12	15° 0	25°48	3°30	15°49	16°23	4°14	n.a.	S 3
S 4	0 31 37	6°12'30	7♓41	23°35	27°16	20°55	29°31	15° 8	15° 1	25°47	3°31	15°40	16°20	4°21	n.a.	S 4
M 5	0 35 33	7°12'46	22°18	23°13	28°31	21° 3	29°38	15° 3	15° 1	25°45	3°32	15°29	16°17	4°28	n.a.	M 5
T 6	0 39 30	8°13'03	6♈45	22°41	29°46	21°12	29°45	14°58	15° 1	25°43	3°33	15°18	16°14	4°34	n.a.	T 6
W 7	0 43 27	9°13'23	20°56	21°59	1♎ 2	21°22	29°52	14°53	15° 2	25°42	3°34	15° 8	16°10	4°41	n.a.	W 7
T 8	0 47 23	10°13'44	4♉45	21° 7	2°17	21°33	29°59	14°48	15° 2	25°40	3°35	15° 0	16° 7	4°48	n.a.	T 8
F 9	0 51 20	11°14'07	18° 9	20° 7	3°33	21°44	0♑ 6	14°43	15° 3	25°38	3°36	14°54	16° 4	4°54	n.a.	F 9
S 10	0 55 16	12°14'32	1♊ 9	18°59	4°48	21°56	0°14	14°38	15° 3	25°37	3°37	14°51	16° 1	5° 1	n.a.	S 10
S 11	0 59 13	13°14'59	13°45	17°45	6° 4	22° 8	0°21	14°33	15° 4	25°35	3°38	14°D50	15°58	5° 8	n.a.	S 11
M12	1 3 9	14°15'29	26° 3	16°27	7°19	22°21	0°29	14°28	15° 4	25°34	3°39	14°51	15°54	5°15	n.a.	M12
T 13	1 7 6	15°16'00	8♋ 6	15° 6	8°35	22°35	0°37	14°23	15° 5	25°32	3°40	14°51	15°51	5°21	n.a.	T 13
W14	1 11 2	16°16'33	19°59	13°47	9°50	22°49	0°45	14°19	15° 6	25°30	3°40	14°R51	15°48	5°28	n.a.	W14
T 15	1 14 59	17°17'08	1♌49	12°31	11° 6	23° 4	0°53	14°14	15° 6	25°29	3°41	14°50	15°45	5°35	n.a.	T 15
F 16	1 18 56	18°17'45	13°40	11°21	12°22	23°19	1° 2	14° 9	15° 7	25°27	3°42	14°47	15°42	5°41	n.a.	F 16
S 17	1 22 52	19°18'23	25°37	10°18	13°37	23°35	1°10	14° 4	15° 8	25°26	3°43	14°41	15°39	5°48	n.a.	S 17
S 18	1 26 49	20°19'04	7♍44	9°26	14°53	23°52	1°19	13°59	15° 9	25°24	3°44	14°33	15°35	5°55	n.a.	S 18
M19	1 30 45	21°19'46	20° 3	8°44	16° 8	24° 9	1°27	13°54	15°10	25°23	3°44	14°23	15°32	6° 1	n.a.	M19
T 20	1 34 42	22°20'30	2♎38	8°14	17°24	24°27	1°36	13°49	15°11	25°21	3°45	14°13	15°29	6° 8	n.a.	T 20
W21	1 38 38	23°21'15	15°27	7°55	18°39	24°45	1°45	13°44	15°12	25°20	3°46	14° 3	15°26	6°15	n.a.	W21
T 22	1 42 35	24°22'02	28°32	7°D48	19°55	25° 3	1°55	13°40	15°13	25°19	3°46	13°55	15°23	6°21	n.a.	T 22
F 23	1 46 31	25°22'50	11♏50	7°53	21°11	25°22	2° 4	13°35	15°14	25°17	3°47	13°49	15°19	6°28	n.a.	F 23
S 24	1 50 28	26°23'40	25°20	8° 7	22°26	25°42	2°13	13°30	15°16	25°16	3°47	13°45	15°16	6°35	n.a.	S 24
S 25	1 54 25	27°24'31	8♐59	8°31	23°42	26° 2	2°23	13°25	15°17	25°14	3°48	13°D43	15°13	6°42	n.a.	S 25
M26	1 58 21	28°25'23	22°48	9° 4	24°57	26°23	2°33	13°21	15°18	25°13	3°48	13°43	15°10	6°48	n.a.	M26
T 27	2 2 18	29°26'17	6♑43	9°44	26°13	26°44	2°42	13°16	15°20	25°12	3°49	13°44	15° 7	6°55	n.a.	T 27
W28	2 6 14	0♏27'11	20°45	10°32	27°29	27° 5	2°52	13°11	15°21	25°10	3°49	13°46	15° 4	7° 2	n.a.	W28
T 29	2 10 11	1°28'06	4♒52	11°25	28°44	27°27	3° 2	13° 7	15°23	25° 9	3°50	13°R46	15° 0	7° 8	n.a.	T 29
F 30	2 14 7	2°29'02	19° 3	12°24	29°59	27°49	3°12	13° 2	15°24	25° 8	3°50	13°45	14°57	7°15	n.a.	F 30
S 31	2 18 4	3♏29'59	3♓16	13♎27	1♏15	28♒12	3♑23	12♈58	15♉26	25♓ 7	3♌50	13♊42	14♊54	7♌22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	1s17	24s38	3s 7	12s 6	2s58	3n54	1n24	18s 4	3s26	24s17	0s34	3n31	2s50	23s25	0s33	3s25	1s55	30n52	11n36	22n59	23n 2	23n10			n.a.
F 2	1 41	22 14	4 0	12 3	2 53	3 23	1 24	17 57	3 22	24 17	0 34	3 29	2 50	23 25	0 33	3 26	1 55	30 52	11 36	22 58	23 2	23 9			n.a.
S 3	2 6	18 23	4 39	11 56	2 48	2 52	1 23	17 51	3 17	24 17	0 34	3 27	2 50	23 25	0 33	3 26	1 55	30 52	11 37	22 58	23 1	23 8			n.a.
S 4	2 30	13 24	4 59	11 45	2 40	2 21	1 22	17 44	3 13	24 17	0 34	3 25	2 50	23 25	0 33	3 27	1 55	30 52	11 37	22 57	23 1	23 7			n.a.
M 5	2 54	7 40	5 0	11 28	2 31	1 50	1 21	17 38	3 9	24 17	0 34	3 23	2 50	23 25	0 33	3 28	1 55	30 52	11 37	22 56	23 1	23 6			n.a.
T 6	3 18	1 35	4 41	11 6	2 20	1 19	1 20	17 31	3 5	24 17	0 34	3 21	2 50	23 25	0 33	3 28	1 55	30 52	11 38	22 54	23 0	23 5			n.a.
W 7	3 42	4n28	4 6	10 38	2 8	0 48	1 19	17 24	3 1	24 17	0 34	3 19	2 50	23 25	0 33	3 29	1 55	30 52	11 38	22 53	23 0	23 4			n.a.
T 8	4 6	10 11	3 16	10 5	1 53	0 17	1 18	17 16	2 56	24 17	0 34	3 18	2 50	23 25	0 33	3 30	1 55	30 52	11 39	22 52	23 0	23 3			n.a.
F 9	4 30	15 15	2 17	9 27	1 37	0s15	1 17	17 9	2 52	24 17	0 34	3 16	2 50	23 25	0 33	3 30	1 55	30 52	11 39	22 52	22 59	23 2			n.a.
S 10	4 54	19 27	1 12	8 45	1 20	0 46	1 16	17 1	2 48	24 17	0 34	3 14	2 50	23 25	0 33	3 31	1 55	30 53	11 39	22 51	22 59	23 1			n.a.
S 11	5 18	22 38	0 6	7 59	1 1	1 18	1 15	16 53	2 45	24 17	0 34	3 12	2 50	23 25	0 33	3 31	1 55	30 53	11 40	22 51	22 59	22 59			n.a.
M12	5 41	24 40	1n 0	7 10	0 41	1 49	1 14	16 45	2 41	24 17	0 34	3 10	2 50	23 25	0 33	3 32	1 55	30 53	11 40	22 51	22 58	22 58			n.a.
T 13	6 5	25 30	2 1	6 20	0 20	2 20	1 12	16 37	2 37	24 17	0 34	3 8	2 50	23 25	0 33	3 33	1 55	30 53	11 41	22 51	22 58	22 57			n.a.
W14	6 29	25 8	2 57	5 29	0n 1	2 51	1 11	16 29	2 33	24 17	0 34	3 6	2 50	23 25	0 33	3 33	1 55	30 53	11 41	22 51	22 58	22 56			n.a.
T 15	6 52	23 38	3 44	4 41	0 21	3 23	1 10	16 20	2 29	24 17	0 34	3 4	2 50	23 24	0 33	3 34	1 55	30 53	11 41	22 51	22 57	22 55			n.a.
F 16	7 15	21 6	4 22	3 55	0 41	3 54	1 8	16 12	2 26	24 17	0 34	3 2	2 50	23 24	0 33	3 34	1 54	30 54	11 42	22 51	22 57	22 54			n.a.
S 17	7 39	17 40	4 49	3 13	0 59	4 25	1 7	16 3	2 22	24 17	0 34	3 1	2 50	23 24	0 33	3 35	1 54	30 54	11 42	22 50	22 57	22 53			n.a.
S 18	8 2	13 27	5 3	2 37	1 16	4 56	1 5	15 54	2 19	24 17	0 34	2 59	2 50	23 24	0 33	3 36	1 54	30 54	11 43	22 49	22 56	22 51			n.a.
M19	8 25	8 38	5 4	2 7	1 31	5 27	1 3	15 45	2 15	24 17	0 34	2 57	2 50	23 24	0 33	3 36	1 54	30 54	11 43	22 48	22 56	22 50			n.a.
T 20	8 48	3 22	4 50	1 43	1 44	5 58	1 2	15 36	2 12	24 17	0 34	2 55	2 50	23 24	0 33	3 37	1 54	30 54	11 44	22 47	22 56	22 49			n.a.
W21	9 11	2s 8	4 22	1 25	1 55	6 28	1 0	15 26	2 8	24 17	0 34	2 53	2 49	23 24	0 33	3 37	1 54	30 55	11 44	22 46	22 55	22 48			n.a.
T 22	9 33	7 41	3 39	1 14	2 5	6 59	0 58	15 17	2 5	24 17	0 34	2 51	2 49	23 23	0 33	3 38	1 54	30 55	11 44	22 45	22 55	22 47			n.a.
F 23	9 56	12 59	2 43	1 8	2 12	7 29	0 56	15 7	2 2	24 17	0 34	2 50	2 49	23 23	0 33	3 38	1 54	30 55	11 45	22 44	22 55	22 46			n.a.
S 24	10 18	17 45	1 38	1 9	2 18	7 59	0 55	14 58	1 58	24 17	0 34	2 48	2 49	23 23	0 33	3 39	1 54	30 55	11 45	22 44	22 54	22 44			n.a.
S 25	10 41	21 39	0 26	1 14	2 22	8 30	0 53	14 48	1 55	24 16	0 34	2 46	2 49	23 23	0 33	3 39	1 54	30 56	11 46	22 43	22 54	22 43			n.a.
M26	11 3	24 21	0s49	1 25	2 25	8 59	0 51	14 38	1 52	24 16	0 34	2 44	2 49	23 23	0 33	3 40	1 54	30 56	11 46	22 43	22 54	22 42			n.a.
T 27	11 24	25 34	2 1	1 40	2 27	9 29	0 49	14 27	1 49	24 16	0 34	2 43	2 49	23 23	0 33	3 40	1 54	30 56	11 46	22 44	22 53	22 41			n.a.
W28	11 46	25 11	3 7	1 58	2 27	9 58	0 47	14 17	1 46	24 16	0 34	2 41	2 49	23 22	0 33	3 41	1 54	30 57	11 47	22 44	22 53	22 39			n.a.
T 29	12 8	23 11	4 2	2 20	2 26	10 27	0 45	14 7	1 43	24 16	0 34	2 39	2 49	23 22	0 33	3 41	1 54	30 57	11 47	22 44	22 52	22 38			n.a.
F 30	12 29	19 45	4 42	2 45	2 24	10 56	0 43	13 56	1 40	24 15	0 34	2 38	2 48	23 22	0 33	3 42	1 54	30 57	11 48	22 44	22 52	22 37			n.a.
S 31	12s50	15s 9	5s 5	3s12	2n22	11s25	0n41	13s45	1s37	24s15	0s34	2n36	2s48	23s22	0s33	3s42	1s54	30n58	11n48	22n43	22n52	22n36			n.a.

Julian Day Number = 1623078.5, Delta T = 03h46m21s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'17, Lahiri = - 7°40'16 Julian Calendar 1 Oct. 270 BCE == Greg. Calendar 27 Sept. 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

NOVEMBER 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 22 0	4♏30'56	17♓28	14♎35	2♏31	28♒35	3♑33	12°R53	15♑27	25°R 5	3♌51	13°R37	14♊51	7♌28	n.a.	S 1
M 2	2 25 57	5°31'55	1♈36	15°46	3°46	28°58	3°44	12♈49	15°29	25♓ 4	3°51	13♊31	14°48	7°35	n.a.	M 2
T 3	2 29 54	6°32'54	15°35	17° 0	5° 2	29°22	3°54	12°45	15°31	25° 3	3°51	13°24	14°45	7°42	n.a.	T 3
W 4	2 33 50	7°33'55	29°21	18°16	6°18	29°46	4° 5	12°41	15°32	25° 2	3°51	13°19	14°41	7°48	n.a.	W 4
T 5	2 37 47	8°34'56	12♉51	19°35	7°33	0♓11	4°16	12°36	15°34	25° 1	3°51	13°14	14°38	7°55	n.a.	T 5
F 6	2 41 43	9°35'59	26° 3	20°55	8°49	0°36	4°27	12°32	15°36	25° 0	3°52	13°11	14°35	8° 2	n.a.	F 6
S 7	2 45 40	10°37'02	8♊55	22°18	10° 4	1° 1	4°38	12°28	15°38	24°58	3°52	13°D 9	14°32	8° 9	n.a.	S 7
S 8	2 49 36	11°38'07	21°29	23°41	11°20	1°26	4°49	12°24	15°40	24°57	3°52	13°10	14°29	8°15	n.a.	S 8
M 9	2 53 33	12°39'12	3♋46	25° 6	12°35	1°52	5° 0	12°20	15°42	24°56	3°52	13°11	14°25	8°22	n.a.	M 9
T 10	2 57 29	13°40'19	15°50	26°32	13°51	2°18	5°11	12°17	15°44	24°55	3°R52	13°13	14°22	8°29	n.a.	T 10
W11	3 1 26	14°41'27	27°45	27°59	15° 7	2°45	5°23	12°13	15°46	24°54	3°52	13°15	14°19	8°35	n.a.	W11
T 12	3 5 23	15°42'36	9♌36	29°27	16°22	3°11	5°34	12° 9	15°48	24°54	3°52	13°16	14°16	8°42	n.a.	T 12
F 13	3 9 19	16°43'45	21°28	0♏55	17°38	3°38	5°46	12° 5	15°50	24°53	3°52	13°R16	14°13	8°49	n.a.	F 13
S 14	3 13 16	17°44'56	3♍25	2°24	18°53	4° 6	5°58	12° 2	15°52	24°52	3°52	13°15	14°10	8°55	n.a.	S 14
S 15	3 17 12	18°46'07	15°33	3°53	20° 9	4°33	6° 9	11°59	15°54	24°51	3°51	13°12	14° 6	9° 2	n.a.	S 15
M16	3 21 9	19°47'19	27°55	5°23	21°24	5° 1	6°21	11°55	15°57	24°50	3°51	13° 9	14° 3	9° 9	n.a.	M16
T 17	3 25 5	20°48'32	10♎35	6°53	22°40	5°29	6°33	11°52	15°59	24°49	3°51	13° 6	14° 0	9°16	n.a.	T 17
W18	3 29 2	21°49'46	23°35	8°23	23°56	5°57	6°45	11°49	16° 1	24°49	3°51	13° 2	13°57	9°22	n.a.	W18
T 19	3 32 58	22°51'01	6♏54	9°54	25°11	6°26	6°57	11°46	16° 4	24°48	3°51	12°59	13°54	9°29	n.a.	T 19
F 20	3 36 55	23°52'16	20°33	11°25	26°27	6°55	7°10	11°43	16° 6	24°47	3°50	12°57	13°51	9°36	n.a.	F 20
S 21	3 40 52	24°53'31	4♐28	12°57	27°42	7°24	7°22	11°40	16° 9	24°46	3°50	12°56	13°47	9°42	n.a.	S 21
S 22	3 44 48	25°54'47	18°36	14°28	28°58	7°53	7°34	11°37	16°11	24°46	3°50	12°D56	13°44	9°49	n.a.	S 22
M23	3 48 45	26°56'03	2♑53	16° 0	0♐13	8°23	7°47	11°34	16°14	24°45	3°49	12°56	13°41	9°56	n.a.	M23
T 24	3 52 41	27°57'19	17°14	17°32	1°29	8°53	7°59	11°32	16°16	24°45	3°49	12°57	13°38	10° 2	n.a.	T 24
W25	3 56 38	28°58'36	1♒35	19° 5	2°44	9°22	8°12	11°29	16°19	24°44	3°48	12°59	13°35	10° 9	n.a.	W25
T 26	4 0 34	29°59'52	15°52	20°38	4° 0	9°53	8°25	11°27	16°21	24°44	3°48	12°59	13°31	10°16	n.a.	T 26
F 27	4 4 31	1♐ 1'08	0♓ 4	22°10	5°15	10°23	8°37	11°24	16°24	24°43	3°47	13°R 0	13°28	10°23	n.a.	F 27
S 28	4 8 28	2° 2'23	14° 7	23°44	6°31	10°54	8°50	11°22	16°27	24°43	3°47	13° 0	13°25	10°29	n.a.	S 28
S 29	4 12 24	3° 3'39	28° 0	25°17	7°46	11°24	9° 3	11°20	16°30	24°42	3°46	12°59	13°22	10°36	n.a.	S 29
M30	4 16 21	4♐ 4'54	11♈43	26♏51	9♐ 2	11♓55	9♑16	11♈18	16♑32	24♓42	3♌46	12♊58	13♊19	10♌43	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s11	9s45	5s 9	3s41	2n19	11s53	0n39	13s35	1s34	24s15	0s34	2n34	2s48	23s22	0s33	3s43	1s54	30n58	11n49	22n43	22n51	22n34		n.a.
M 2	13 31	3 51	4 55	4 12	2 15	12 21	0 36	13 24	1 31	24 15	0 34	2 33	2 48	23 21	0 33	3 43	1 54	30 58	11 49	22 42	22 51	22 33		n.a.
T 3	13 52	2n10	4 23	4 45	2 10	12 49	0 34	13 13	1 28	24 14	0 34	2 31	2 48	23 21	0 33	3 44	1 54	30 59	11 49	22 41	22 51	22 32		n.a.
W 4	14 12	8 1	3 36	5 19	2 6	13 17	0 32	13 1	1 26	24 14	0 34	2 30	2 48	23 21	0 33	3 44	1 54	30 59	11 50	22 40	22 50	22 31		n.a.
T 5	14 32	13 23	2 38	5 54	2 0	13 44	0 30	12 50	1 23	24 14	0 34	2 28	2 47	23 21	0 33	3 45	1 54	30 59	11 50	22 40	22 50	22 29		n.a.
F 6	14 52	18 0	1 32	6 30	1 55	14 10	0 28	12 39	1 20	24 13	0 34	2 27	2 47	23 21	0 33	3 45	1 54	31 0	11 51	22 39	22 50	22 28		n.a.
S 7	15 11	21 40	0 23	7 6	1 49	14 37	0 25	12 27	1 18	24 13	0 34	2 26	2 47	23 20	0 32	3 45	1 54	31 0	11 51	22 39	22 49	22 27		n.a.
S 8	15 30	24 12	0n45	7 43	1 43	15 3	0 23	12 16	1 15	24 13	0 34	2 24	2 47	23 20	0 32	3 46	1 54	31 0	11 52	22 39	22 49	22 26		n.a.
M 9	15 49	25 31	1 50	8 20	1 36	15 28	0 21	12 4	1 13	24 12	0 34	2 23	2 47	23 20	0 32	3 46	1 54	31 1	11 52	22 39	22 48	22 24		n.a.
T 10	16 8	25 35	2 50	8 58	1 30	15 54	0 18	11 52	1 10	24 12	0 34	2 21	2 47	23 20	0 32	3 46	1 54	31 1	11 52	22 40	22 48	22 23		n.a.
W11	16 26	24 28	3 41	9 36	1 23	16 18	0 16	11 40	1 8	24 11	0 34	2 20	2 46	23 19	0 32	3 47	1 54	31 2	11 53	22 40	22 48	22 22		n.a.
T 12	16 44	22 15	4 22	10 13	1 16	16 43	0 14	11 28	1 5	24 11	0 34	2 19	2 46	23 19	0 32	3 47	1 54	31 2	11 53	22 40	22 47	22 20		n.a.
F 13	17 2	19 7	4 52	10 51	1 9	17 7	0 11	11 16	1 3	24 11	0 35	2 18	2 46	23 19	0 32	3 47	1 53	31 3	11 54	22 40	22 47	22 19		n.a.
S 14	17 20	15 10	5 10	11 29	1 2	17 30	0 9	11 4	1 1	24 10	0 35	2 17	2 46	23 18	0 32	3 48	1 53	31 3	11 54	22 40	22 47	22 18		n.a.
S 15	17 37	10 34	5 14	12 6	0 55	17 53	0 7	10 52	0 58	24 10	0 35	2 15	2 45	23 18	0 32	3 48	1 53	31 3	11 55	22 40	22 46	22 16		n.a.
M16	17 54	5 28	5 4	12 43	0 48	18 16	0 4	10 39	0 56	24 9	0 35	2 14	2 45	23 18	0 32	3 48	1 53	31 4	11 55	22 39	22 46	22 15		n.a.
T 17	18 10	0 2	4 39	13 20	0 41	18 38	0 2	10 27	0 54	24 8	0 35	2 13	2 45	23 18	0 32	3 49	1 53	31 4	11 55	22 39	22 45	22 14		n.a.
W18	18 27	5s34	3 59	13 56	0 34	18 59	0s 0	10 14	0 52	24 8	0 35	2 12	2 45	23 17	0 32	3 49	1 53	31 5	11 56	22 38	22 45	22 12		n.a.
T 19	18 42	11 4	3 6	14 32	0 27	19 20	0 3	10 2	0 50	24 7	0 35	2 11	2 44	23 17	0 32	3 49	1 53	31 5	11 56	22 38	22 45	22 11		n.a.
F 20	18 58	16 10	2 0	15 8	0 20	19 41	0 5	9 49	0 48	24 7	0 35	2 10	2 44	23 17	0 32	3 49	1 53	31 6	11 57	22 38	22 44	22 10		n.a.
S 21	19 13	20 32	0 47	15 43	0 12	20 1	0 8	9 36	0 46	24 6	0 35	2 9	2 44	23 16	0 32	3 50	1 53	31 6	11 57	22 37	22 44	22 8		n.a.
S 22	19 28	23 45	0s31	16 17	0 6	20 20	0 10	9 23	0 44	24 5	0 35	2 8	2 44	23 16	0 32	3 50	1 53	31 7	11 57	22 37	22 43	22 7		n.a.
M23	19 43	25 30	1 48	16 51	0s 1	20 39	0 12	9 10	0 42	24 5	0 35	2 8	2 43	23 16	0 32	3 50	1 53	31 7	11 58	22 37	22 43	22 5		n.a.
T 24	19 57	25 33	2 59	17 24	0 8	20 57	0 15	8 57	0 40	24 4	0 35	2 7	2 43	23 15	0 32	3 50	1 53	31 8	11 58	22 38	22 43	22 4		n.a.
W25	20 10	23 54	3 58	17 56	0 15	21 14	0 17	8 44	0 38	24 3	0 35	2 6	2 43	23 15	0 32	3 50	1 53	31 8	11 59	22 38	22 42	22 3		n.a.
T 26	20 24	20 45	4 42	18 28	0 22	21 31	0 19	8 30	0 36	24 2	0 35	2 5	2 43	23 15	0 32	3 50	1 53	31 9	11 59	22 38	22 42	22 1		n.a.
F 27	20 37	16 23	5 9	18 59	0 28	21 47	0 22	8 17	0 34	24 2	0 35	2 5	2 42	23 14	0 32	3 51	1 53	31 9	12 0	22 38	22 42	22 0		n.a.
S 28	20 49	11 11	5 17	19 29	0 34	22 3	0 24	8 4	0 32	24 1	0 35	2 4	2 42	23 14	0 32	3 51	1 53	31 10	12 0	22 38	22 41	21 58		n.a.
S 29	21 1	5 28	5 6	19 58	0 41	22 18	0 26	7 50	0 30	24 0	0 35	2 3	2 42	23 14	0 32	3 51	1 53	31 10	12 0	22 38	22 41	21 57		n.a.
M30	21s13	0n26	4s38	20s27	0s47	22s32	0s29	7s37	0s28	23s59	0s35	2n 3	2s42	23s13	0s32	3s51	1s53	31n11	12n 1	22n38	22n40	21n56		n.a.

Julian Day Number = 1623109.5, Delta T = 03h46m20s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'12, Lahiri = - 7°40'12 Julian Calendar 1 Nov. 270 BCE == Greg. Calendar 28 Oct. 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 270 BCE
geocentric

DECEMBER 270 BCE (-269) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 20 17	5♐ 6'09	25♈13	28♏25	10♐17	12♓26	9♑29	11°R16	16♑35	24°R42	3°R45	12°R57	13♊16	10♌49	n.a.	T 1
W 2	4 24 14	6° 7'24	8♉31	29°59	11°32	12°58	9°42	11♈14	16°38	24♓41	3♌44	12♊56	13°12	10°56	n.a.	W 2
T 3	4 28 10	7° 8'38	21°36	1♐34	12°48	13°29	9°55	11°13	16°41	24°41	3°44	12°55	13° 9	11° 3	n.a.	T 3
F 4	4 32 7	8° 9'53	4♊27	3° 9	14° 3	14° 1	10° 8	11°11	16°44	24°41	3°43	12°55	13° 6	11° 9	n.a.	F 4
S 5	4 36 3	9°11'07	17° 4	4°44	15°19	14°32	10°22	11°10	16°47	24°41	3°42	12°D55	13° 3	11°16	n.a.	S 5
S 6	4 40 0	10°12'21	29°28	6°20	16°34	15° 4	10°35	11° 8	16°50	24°40	3°42	12°55	13° 0	11°23	n.a.	S 6
M 7	4 43 57	11°13'35	11♋40	7°56	17°49	15°36	10°48	11° 7	16°53	24°40	3°41	12°55	12°57	11°30	n.a.	M 7
T 8	4 47 53	12°14'49	23°42	9°32	19° 5	16° 8	11° 2	11° 6	16°56	24°40	3°40	12°55	12°53	11°36	n.a.	T 8
W 9	4 51 50	13°16'03	5♌37	11° 9	20°20	16°41	11°15	11° 5	16°59	24°40	3°39	12°R55	12°50	11°43	n.a.	W 9
T 10	4 55 46	14°17'16	17°29	12°46	21°36	17°13	11°29	11° 4	17° 2	24°D40	3°38	12°55	12°47	11°50	n.a.	T 10
F 11	4 59 43	15°18'30	29°20	14°24	22°51	17°46	11°42	11° 3	17° 5	24°40	3°37	12°55	12°44	11°56	n.a.	F 11
S 12	5 3 39	16°19'43	11♍16	16° 2	24° 6	18°19	11°56	11° 3	17° 8	24°40	3°37	12°D55	12°41	12° 3	n.a.	S 12
S 13	5 7 36	17°20'56	23°22	17°41	25°22	18°51	12° 9	11° 2	17°11	24°40	3°36	12°55	12°37	12°10	n.a.	S 13
M14	5 11 33	18°22'08	5♎41	19°20	26°37	19°24	12°23	11° 2	17°14	24°40	3°35	12°55	12°34	12°16	n.a.	M14
T 15	5 15 29	19°23'21	18°19	21° 0	27°52	19°58	12°37	11° 1	17°17	24°41	3°34	12°55	12°31	12°23	n.a.	T 15
W16	5 19 26	20°24'33	1♏18	22°40	29° 7	20°31	12°51	11° 1	17°20	24°41	3°33	12°56	12°28	12°30	n.a.	W16
T 17	5 23 22	21°25'45	14°42	24°20	0♑23	21° 4	13° 4	11°D 1	17°24	24°41	3°32	12°57	12°25	12°37	n.a.	T 17
F 18	5 27 19	22°26'56	28°30	26° 1	1°38	21°38	13°18	11° 1	17°27	24°41	3°31	12°58	12°22	12°43	n.a.	F 18
S 19	5 31 15	23°28'07	12♐42	27°43	2°53	22°11	13°32	11° 1	17°30	24°41	3°29	12°R58	12°18	12°50	n.a.	S 19
S 20	5 35 12	24°29'17	27°13	29°25	4° 9	22°45	13°46	11° 1	17°33	24°42	3°28	12°58	12°15	12°57	n.a.	S 20
M21	5 39 8	25°30'26	11♑57	1♑ 7	5°24	23°19	14° 0	11° 2	17°37	24°42	3°27	12°57	12°12	13° 3	n.a.	M21
T 22	5 43 5	26°31'35	26°48	2°50	6°39	23°53	14°14	11° 2	17°40	24°43	3°26	12°55	12° 9	13°10	n.a.	T 22
W23	5 47 2	27°32'42	11♒37	4°34	7°54	24°27	14°28	11° 3	17°43	24°43	3°25	12°53	12° 6	13°17	n.a.	W23
T 24	5 50 58	28°33'48	26°17	6°17	9°10	25° 1	14°42	11° 3	17°47	24°43	3°24	12°51	12° 3	13°24	n.a.	T 24
F 25	5 54 55	29°34'53	10♓42	8° 1	10°25	25°35	14°56	11° 4	17°50	24°44	3°23	12°50	11°59	13°30	n.a.	F 25
S 26	5 58 51	0♑35'57	24°50	9°45	11°40	26° 9	15°10	11° 5	17°53	24°44	3°21	12°D49	11°56	13°37	n.a.	S 26
S 27	6 2 48	1°36'59	8♈39	11°29	12°55	26°44	15°24	11° 6	17°57	24°45	3°20	12°49	11°53	13°44	n.a.	S 27
M28	6 6 44	2°38'00	22° 8	13°13	14°10	27°18	15°39	11° 7	18° 0	24°46	3°19	12°50	11°50	13°50	n.a.	M28
T 29	6 10 41	3°39'00	5♉20	14°57	15°25	27°53	15°53	11° 9	18° 4	24°46	3°18	12°51	11°47	13°57	n.a.	T 29
W30	6 14 37	4°39'58	18°16	16°41	16°40	28°27	16° 7	11°10	18° 7	24°47	3°16	12°53	11°43	14° 4	n.a.	W30
T 31	6 18 34	5♑40'55	0♊58	18♑24	17♑55	29♓ 2	16♑21	11♈12	18♑10	24♓48	3♌15	12♊54	11♊40	14♌11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s24	6n14	3 s55	20 s54	0 s53	22 s46	0 s31	7 s23	0 s27	23 s58	0 s35	2n 2	2 s41	23 s13	0 s32	3 s51	1 s52	31n11	12n 1	22n38	22n40	21n54		n.a.
W 2	21 35	11 41	2 59	21 21	0 59	22 59	0 33	7 9	0 25	23 57	0 35	2 2	2 41	23 13	0 32	3 51	1 52	31 12	12 1	22 37	22 40	21 53		n.a.
T 3	21 46	16 32	1 55	21 46	1 4	23 11	0 35	6 56	0 23	23 56	0 35	2 2	2 41	23 12	0 32	3 51	1 52	31 12	12 2	22 37	22 39	21 51		n.a.
F 4	21 56	20 31	0 47	22 11	1 10	23 23	0 37	6 42	0 22	23 55	0 35	2 1	2 40	23 12	0 32	3 51	1 52	31 13	12 2	22 37	22 39	21 50		n.a.
S 5	22 6	23 28	0n23	22 34	1 15	23 34	0 40	6 28	0 20	23 54	0 35	2 1	2 40	23 11	0 32	3 51	1 52	31 14	12 3	22 37	22 38	21 48		n.a.
S 6	22 15	25 14	1 31	22 56	1 20	23 44	0 42	6 14	0 18	23 53	0 35	2 1	2 40	23 11	0 32	3 51	1 52	31 14	12 3	22 37	22 38	21 47		n.a.
M 7	22 24	25 45	2 33	23 17	1 25	23 53	0 44	6 0	0 17	23 52	0 35	2 0	2 40	23 11	0 32	3 51	1 52	31 15	12 3	22 37	22 38	21 45		n.a.
T 8	22 32	25 2	3 28	23 37	1 30	24 2	0 46	5 46	0 15	23 51	0 36	2 0	2 39	23 10	0 32	3 51	1 52	31 15	12 4	22 37	22 37	21 44		n.a.
W 9	22 40	23 10	4 13	23 56	1 34	24 10	0 48	5 32	0 14	23 50	0 36	2 0	2 39	23 10	0 32	3 51	1 52	31 16	12 4	22 37	22 37	21 42		n.a.
T 10	22 47	20 19	4 47	24 13	1 38	24 17	0 50	5 18	0 12	23 49	0 36	2 0	2 39	23 9	0 32	3 51	1 52	31 16	12 4	22 37	22 36	21 41		n.a.
F 11	22 54	16 39	5 8	24 30	1 42	24 24	0 52	5 3	0 11	23 48	0 36	2 0	2 38	23 9	0 32	3 51	1 52	31 17	12 5	22 37	22 36	21 39		n.a.
S 12	23 1	12 18	5 17	24 44	1 46	24 30	0 54	4 49	0 9	23 47	0 36	2 0	2 38	23 9	0 32	3 51	1 52	31 17	12 5	22 37	22 35	21 38		n.a.
S 13	23 7	7 26	5 12	24 57	1 49	24 35	0 56	4 35	0 8	23 46	0 36	2 0	2 38	23 8	0 32	3 51	1 52	31 18	12 6	22 37	22 35	21 36		n.a.
M14	23 13	2 11	4 53	25 9	1 52	24 39	0 58	4 20	0 6	23 44	0 36	2 0	2 37	23 8	0 32	3 51	1 52	31 19	12 6	22 37	22 35	21 35		n.a.
T 15	23 18	3 s17	4 19	25 19	1 55	24 42	1 0	4 6	0 5	23 43	0 36	2 0	2 37	23 7	0 32	3 51	1 52	31 19	12 6	22 37	22 34	21 33		n.a.
W16	23 23	8 46	3 31	25 28	1 57	24 45	1 1	3 51	0 4	23 42	0 36	2 1	2 37	23 7	0 32	3 51	1 52	31 20	12 7	22 37	22 34	21 32		n.a.
T 17	23 27	14 3	2 30	25 35	1 59	24 47	1 3	3 37	0 2	23 41	0 36	2 1	2 36	23 7	0 32	3 50	1 52	31 20	12 7	22 38	22 33	21 30		n.a.
F 18	23 31	18 47	1 19	25 41	2 1	24 48	1 5	3 22	0 1	23 39	0 36	2 1	2 36	23 6	0 32	3 50	1 51	31 21	12 7	22 38	22 33	21 29		n.a.
S 19	23 34	22 34	0 2	25 44	2 2	24 48	1 6	3 8	0n 0	23 38	0 36	2 1	2 36	23 6	0 32	3 50	1 51	31 22	12 7	22 38	22 33	21 27		n.a.
S 20	23 37	25 0	1 s18	25 46	2 3	24 48	1 8	2 53	0 2	23 36	0 36	2 2	2 36	23 5	0 32	3 50	1 51	31 22	12 8	22 38	22 32	21 26		n.a.
M21	23 39	25 44	2 34	25 47	2 3	24 47	1 10	2 38	0 3	23 35	0 36	2 2	2 35	23 5	0 32	3 50	1 51	31 23	12 8	22 38	22 32	21 24		n.a.
T 22	23 41	24 38	3 39	25 45	2 3	24 45	1 11	2 24	0 4	23 34	0 36	2 3	2 35	23 4	0 32	3 49	1 51	31 23	12 8	22 37	22 31	21 23		n.a.
W23	23 42	21 50	4 30	25 41	2 3	24 42	1 13	2 9	0 5	23 32	0 36	2 3	2 35	23 4	0 32	3 49	1 51	31 24	12 9	22 37	22 31	21 21		n.a.
T 24	23 43	17 39	5 3	25 36	2 2	24 38	1 14	1 54	0 7	23 31	0 36	2 4	2 34	23 4	0 32	3 49	1 51	31 24	12 9	22 37	22 30	21 19		n.a.
F 25	23 44	12 30	5 16	25 29	2 0	24 34	1 15	1 39	0 8	23 29	0 37	2 4	2 34	23 3	0 32	3 49	1 51	31 25	12 9	22 37	22 30	21 18		n.a.
S 26	23 44	6 47	5 9	25 19	1 58	24 29	1 17	1 25	0 9	23 28	0 37	2 5	2 34	23 3	0 32	3 48	1 51	31 26	12 10	22 37	22 30	21 16		n.a.
S 27	23 43	0 53	4 44	25 8	1 55	24 23	1 18	1 10	0 10	23 26	0 37	2 6	2 33	23 2	0 32	3 48	1 51	31 26	12 10	22 37	22 29	21 15		n.a.
M28	23 42	4n57	4 5	24 55	1 52	24 17	1 19	0 55	0 11	23 24	0 37	2 7	2 33	23 2	0 32	3 48	1 51	31 27	12 10	22 37	22 29	21 13		n.a.
T 29	23 41	10 26	3 13	24 40	1 48	24 9	1 20	0 40	0 12	23 23	0 37	2 7	2 33	23 1	0 32	3 48	1 51	31 27	12 10	22 37	22 28	21 11		n.a.
W30	23 39	15 22	2 12	24 23	1 43	24 1	1 21	0 25	0 13	23 21	0 37	2 8	2 32	23 1	0 32	3 47	1 51	31 28	12 11	22 37	22 28	21 10		n.a.
T 31	23 s36	19n32	1 s 5	24 s 4	1 s38	23 s52	1 s22	0 s10	0n15	23 s20	0 s37	2n 9	2 s32	23 s 0	0 s32	3 s47	1 s51	31n28	12n11	22n37	22n27	21n 8		n.a.

Julian Day Number = 1623139.5, Delta T = 03h46m19s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'08, Lahiri = - 7°40'08 Julian Calendar 1 Dec. 270 BCE == Greg. Calendar 27 Nov. 270 BCE

The year -269 astronomical counting style corresponds to year 270 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

JANUARY 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 22 31	6♉41'51	13♊28	20♉ 6	19♉11	29♓37	16♉35	11♈13	18♉14	24♓48	3°R14	12°R55	11♊37	14♌17	n.a.	F 1
S 2	6 26 27	7°42'46	25°48	21°47	20°26	0♈12	16°50	11°15	18°17	24°49	3♌12	12♊54	11°34	14°24	n.a.	S 2
S 3	6 30 24	8°43'39	7♋59	23°27	21°41	0°47	17° 4	11°17	18°21	24°50	3°11	12°52	11°31	14°31	n.a.	S 3
M 4	6 34 20	9°44'31	20° 2	25° 5	22°56	1°22	17°18	11°19	18°24	24°51	3°10	12°49	11°28	14°37	n.a.	M 4
T 5	6 38 17	10°45'21	2♌ 0	26°41	24°11	1°57	17°33	11°21	18°28	24°52	3° 8	12°44	11°24	14°44	n.a.	T 5
W 6	6 42 13	11°46'11	13°53	28°14	25°26	2°32	17°47	11°23	18°31	24°53	3° 7	12°39	11°21	14°51	n.a.	W 6
T 7	6 46 10	12°46'59	25°45	29°44	26°41	3° 7	18° 1	11°25	18°35	24°54	3° 5	12°33	11°18	14°57	n.a.	T 7
F 8	6 50 7	13°47'46	7♍37	1♒ 9	27°55	3°42	18°15	11°27	18°38	24°55	3° 4	12°28	11°15	15° 4	n.a.	F 8
S 9	6 54 3	14°48'31	19°32	2°31	29°10	4°18	18°30	11°30	18°42	24°56	3° 3	12°24	11°12	15°11	n.a.	S 9
S 10	6 58 0	15°49'15	1♎36	3°47	0♒25	4°53	18°44	11°33	18°45	24°57	3° 1	12°21	11° 9	15°18	n.a.	S 10
M11	7 1 56	16°49'59	13°51	4°58	1°40	5°28	18°59	11°35	18°48	24°58	3° 0	12°D20	11° 5	15°24	n.a.	M11
T 12	7 5 53	17°50'41	26°23	6° 1	2°55	6° 4	19°13	11°38	18°52	24°59	2°58	12°20	11° 2	15°31	n.a.	T 12
W13	7 9 49	18°51'21	9♏15	6°58	4°10	6°39	19°27	11°41	18°55	25° 0	2°57	12°22	10°59	15°38	n.a.	W13
T 14	7 13 46	19°52'01	22°33	7°46	5°25	7°15	19°42	11°44	18°59	25° 1	2°55	12°23	10°56	15°44	n.a.	T 14
F 15	7 17 42	20°52'39	6♐18	8°25	6°40	7°51	19°56	11°47	19° 2	25° 2	2°54	12°R24	10°53	15°51	n.a.	F 15
S 16	7 21 39	21°53'16	20°31	8°56	7°54	8°26	20°10	11°50	19° 6	25° 3	2°52	12°24	10°49	15°58	n.a.	S 16
S 17	7 25 36	22°53'51	5♑ 9	9°16	9° 9	9° 2	20°25	11°54	19° 9	25° 5	2°51	12°22	10°46	16° 5	n.a.	S 17
M18	7 29 32	23°54'25	20° 8	9°R26	10°24	9°38	20°39	11°57	19°13	25° 6	2°49	12°18	10°43	16°11	n.a.	M18
T 19	7 33 29	24°54'57	5♒19	9°26	11°39	10°14	20°53	12° 0	19°16	25° 7	2°48	12°13	10°40	16°18	n.a.	T 19
W20	7 37 25	25°55'28	20°32	9°16	12°53	10°50	21° 8	12° 4	19°20	25° 9	2°46	12° 6	10°37	16°25	n.a.	W20
T 21	7 41 22	26°55'56	5♓36	8°55	14° 8	11°25	21°22	12° 8	19°23	25°10	2°45	11°59	10°34	16°31	n.a.	T 21
F 22	7 45 18	27°56'22	20°23	8°25	15°23	12° 1	21°36	12°12	19°27	25°11	2°43	11°53	10°30	16°38	n.a.	F 22
S 23	7 49 15	28°56'46	4♈45	7°46	16°37	12°37	21°51	12°15	19°30	25°13	2°42	11°49	10°27	16°45	n.a.	S 23
S 24	7 53 11	29°57'09	18°42	7° 0	17°52	13°14	22° 5	12°19	19°34	25°14	2°40	11°46	10°24	16°52	n.a.	S 24
M25	7 57 8	0♒57'29	2♉12	6° 7	19° 6	13°50	22°19	12°24	19°37	25°16	2°39	11°D45	10°21	16°58	n.a.	M25
T 26	8 1 5	1°57'47	15°18	5° 9	20°21	14°26	22°34	12°28	19°41	25°17	2°37	11°46	10°18	17° 5	n.a.	T 26
W27	8 5 1	2°58'02	28° 3	4° 7	21°35	15° 2	22°48	12°32	19°44	25°19	2°36	11°47	10°15	17°12	n.a.	W27
T 28	8 8 58	3°58'16	10♊32	3° 3	22°50	15°38	23° 2	12°36	19°47	25°20	2°34	11°R48	10°11	17°18	n.a.	T 28
F 29	8 12 54	4°58'28	22°48	1°59	24° 4	16°14	23°16	12°41	19°51	25°22	2°33	11°47	10° 8	17°25	n.a.	F 29
S 30	8 16 51	5°58'37	4♋54	0°56	25°19	16°51	23°30	12°45	19°54	25°23	2°31	11°44	10° 5	17°32	n.a.	S 30
S 31	8 20 47	6♒58'45	16♋54	29♉56	26♒33	17♈27	23♉45	12♈50	19♉58	25♓25	2♌30	11♊39	10♊ 2	17♌39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s33	22n45	0n 3	23s43	1s31	23s43	1s23	0n 5	0n16	23s18	0s37	2n10	2s32	23s 0	0s32	3s47	1s51	31n29	12n11	22n37	22n27	21n 7		n.a.	F 1
S 2	23 30	24 50	1 10	23 20	1 25	23 33	1 24	0 20	0 17	23 16	0 37	2 11	2 31	22 59	0 32	3 46	1 51	31 30	12 11	22 37	22 27	21 5		n.a.	S 2
S 3	23 26	25 42	2 13	22 55	1 17	23 22	1 25	0 35	0 18	23 14	0 37	2 12	2 31	22 59	0 32	3 46	1 51	31 30	12 12	22 37	22 26	21 3		n.a.	S 3
M 4	23 22	25 20	3 10	22 30	1 8	23 10	1 26	0 50	0 19	23 13	0 37	2 13	2 31	22 58	0 32	3 45	1 50	31 31	12 12	22 37	22 26	21 2		n.a.	M 4
T 5	23 17	23 48	3 57	22 2	0 59	22 57	1 27	1 5	0 20	23 11	0 37	2 14	2 31	22 58	0 32	3 45	1 50	31 31	12 12	22 36	22 25	21 0		n.a.	T 5
W 6	23 12	21 13	4 34	21 33	0 49	22 44	1 27	1 20	0 21	23 9	0 37	2 15	2 30	22 57	0 32	3 45	1 50	31 32	12 12	22 35	22 25	20 58		n.a.	W 6
T 7	23 6	17 46	4 59	21 4	0 37	22 31	1 28	1 35	0 22	23 7	0 38	2 16	2 30	22 57	0 32	3 44	1 50	31 32	12 13	22 34	22 24	20 57		n.a.	T 7
F 8	23 0	13 37	5 11	20 33	0 25	22 16	1 28	1 50	0 23	23 5	0 38	2 18	2 30	22 57	0 32	3 44	1 50	31 33	12 13	22 34	22 24	20 55		n.a.	F 8
S 9	22 54	8 55	5 10	20 2	0 13	22 1	1 29	2 5	0 23	23 3	0 38	2 19	2 29	22 56	0 32	3 43	1 50	31 34	12 13	22 33	22 23	20 53		n.a.	S 9
S 10	22 47	3 51	4 55	19 31	0n 1	21 45	1 29	2 20	0 24	23 1	0 38	2 20	2 29	22 56	0 32	3 43	1 50	31 34	12 13	22 33	22 23	20 52		n.a.	S 10
M11	22 39	1s27	4 26	19 1	0 15	21 29	1 30	2 35	0 25	23 0	0 38	2 22	2 29	22 55	0 32	3 42	1 50	31 35	12 13	22 33	22 23	20 50		n.a.	M11
T 12	22 31	6 49	3 45	18 30	0 30	21 12	1 30	2 50	0 26	22 58	0 38	2 23	2 28	22 55	0 32	3 42	1 50	31 35	12 13	22 33	22 22	20 48		n.a.	T 12
W13	22 23	12 3	2 51	18 1	0 46	20 54	1 30	3 5	0 27	22 56	0 38	2 24	2 28	22 54	0 32	3 41	1 50	31 36	12 14	22 33	22 22	20 47		n.a.	W13
T 14	22 14	16 55	1 46	17 33	1 2	20 36	1 30	3 20	0 28	22 54	0 38	2 26	2 28	22 54	0 32	3 41	1 50	31 36	12 14	22 33	22 21	20 45		n.a.	T 14
F 15	22 5	21 4	0 33	17 7	1 19	20 17	1 30	3 35	0 29	22 52	0 38	2 27	2 28	22 53	0 32	3 40	1 50	31 37	12 14	22 33	22 21	20 43		n.a.	F 15
S 16	21 56	24 7	0s44	16 43	1 35	19 58	1 30	3 50	0 30	22 49	0 38	2 29	2 27	22 53	0 32	3 40	1 50	31 37	12 14	22 33	22 20	20 41		n.a.	S 16
S 17	21 46	25 38	2 0	16 21	1 52	19 38	1 30	4 5	0 30	22 47	0 38	2 30	2 27	22 52	0 32	3 39	1 50	31 38	12 14	22 33	22 20	20 40		n.a.	S 17
M18	21 35	25 20	3 10	16 2	2 9	19 18	1 30	4 20	0 31	22 45	0 39	2 32	2 27	22 52	0 32	3 39	1 50	31 38	12 14	22 33	22 19	20 38		n.a.	M18
T 19	21 24	23 9	4 7	15 47	2 25	18 56	1 30	4 35	0 32	22 43	0 39	2 34	2 26	22 51	0 32	3 38	1 50	31 39	12 15	22 32	22 19	20 36		n.a.	T 19
W20	21 13	19 21	4 47	15 35	2 40	18 35	1 30	4 50	0 33	22 41	0 39	2 35	2 26	22 51	0 32	3 38	1 50	31 39	12 15	22 31	22 18	20 35		n.a.	W20
T 21	21 1	14 18	5 6	15 26	2 55	18 13	1 29	5 5	0 34	22 39	0 39	2 37	2 26	22 50	0 32	3 37	1 50	31 40	12 15	22 30	22 18	20 33		n.a.	T 21
F 22	20 49	8 31	5 5	15 21	3 8	17 50	1 29	5 20	0 34	22 37	0 39	2 39	2 26	22 50	0 32	3 36	1 49	31 40	12 15	22 29	22 18	20 31		n.a.	F 22
S 23	20 37	2 26	4 44	15 19	3 20	17 27	1 29	5 35	0 35	22 34	0 39	2 41	2 25	22 49	0 32	3 36	1 49	31 41	12 15	22 29	22 17	20 29		n.a.	S 23
S 24	20 24	3n37	4 7	15 21	3 31	17 3	1 28	5 50	0 36	22 32	0 39	2 42	2 25	22 49	0 32	3 35	1 49	31 41	12 15	22 28	22 17	20 28		n.a.	S 24
M25	20 11	9 18	3 17	15 26	3 39	16 39	1 27	6 5	0 37	22 30	0 39	2 44	2 25	22 48	0 32	3 34	1 49	31 42	12 15	22 28	22 16	20 26		n.a.	M25
T 26	19 58	14 25	2 18	15 34	3 45	16 15	1 27	6 20	0 37	22 28	0 39	2 46	2 24	22 48	0 32	3 34	1 49	31 42	12 15	22 28	22 16	20 24		n.a.	T 26
W27	19 44	18 46	1 13	15 45	3 49	15 50	1 26	6 34	0 38	22 25	0 39	2 48	2 24	22 47	0 32	3 33	1 49	31 43	12 15	22 28	22 15	20 22		n.a.	W27
T 28	19 30	22 11	0 7	15 58	3 51	15 25	1 25	6 49	0 39	22 23	0 40	2 50	2 24	22 47	0 32	3 33	1 49	31 43	12 15	22 28	22 15	20 20		n.a.	T 28
F 29	19 15	24 30	0n59	16 13	3 51	14 59	1 24	7 4	0 39	22 21	0 40	2 52	2 24	22 46	0 32	3 32	1 49	31 44	12 15	22 28	22 14	20 19		n.a.	F 29
S 30	19 0	25 39	2 1	16 29	3 48	14 33	1 23	7 19	0 40	22 18	0 40	2 54	2 23	22 46	0 32	3 31	1 49	31 44	12 16	22 28	22 14	20 17		n.a.	S 30
S 31	18s45	25n34	2n57	16s46	3n44	14s 6	1s22	7n33	0n41	22s16	0s40	2n56	2s23	22s45	0s32	3s30	1s49	31n44	12n16	22n27	22n13	20n15		n.a.	S 31

Julian Day Number = 1623170.5, Delta T = 03h46m18s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'04, Lahiri = - 7°40'04 Julian Calendar 1 Jan. 269 BCE == Greg. Calendar 28 Dec. 270 BCE

The year -268 astronomical counting style corresponds to year 269 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

FEBRUARY 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 24 44	7♒58'50	28♋50	28°R59	27♒47	18♈ 3	23♑59	12♈55	20♑ 1	25♓27	2°R28	11°R31	9♊59	17♌45	n.a.	M 1
T 2	8 28 40	8°58'53	10♌43	28♑ 6	29° 2	18°40	24°13	12°59	20° 4	25°28	2♌27	11♊21	9°55	17°52	n.a.	T 2
W 3	8 32 37	9°58'54	22°35	27°20	0♓16	19°16	24°27	13° 4	20° 8	25°30	2°25	11°10	9°52	17°59	n.a.	W 3
T 4	8 36 34	10°58'54	4♍27	26°39	1°30	19°52	24°41	13° 9	20°11	25°32	2°23	10°58	9°49	18° 5	n.a.	T 4
F 5	8 40 30	11°58'51	16°22	26° 5	2°44	20°29	24°55	13°14	20°14	25°33	2°22	10°46	9°46	18°12	n.a.	F 5
S 6	8 44 27	12°58'47	28°21	25°37	3°59	21° 5	25° 9	13°19	20°18	25°35	2°20	10°37	9°43	18°19	n.a.	S 6
S 7	8 48 23	13°58'40	10♎26	25°16	5°13	21°42	25°23	13°25	20°21	25°37	2°19	10°29	9°40	18°26	n.a.	S 7
M 8	8 52 20	14°58'32	22°42	25° 2	6°27	22°18	25°37	13°30	20°24	25°39	2°17	10°24	9°36	18°32	n.a.	M 8
T 9	8 56 16	15°58'22	5♏11	24°54	7°41	22°55	25°51	13°35	20°27	25°41	2°16	10°22	9°33	18°39	n.a.	T 9
W10	9 0 13	16°58'10	17°58	24°D53	8°55	23°31	26° 5	13°41	20°31	25°42	2°15	10°D21	9°30	18°46	n.a.	W10
T 11	9 4 9	17°57'57	1♐ 7	24°58	10° 9	24° 8	26°19	13°46	20°34	25°44	2°13	10°21	9°27	18°52	n.a.	T 11
F 12	9 8 6	18°57'41	14°42	25° 8	11°23	24°45	26°33	13°52	20°37	25°46	2°12	10°R22	9°24	18°59	n.a.	F 12
S 13	9 12 2	19°57'24	28°45	25°25	12°37	25°21	26°47	13°57	20°40	25°48	2°10	10°20	9°21	19° 6	n.a.	S 13
S 14	9 15 59	20°57'06	13♑16	25°46	13°51	25°58	27° 0	14° 3	20°43	25°50	2° 9	10°17	9°17	19°13	n.a.	S 14
M15	9 19 56	21°56'45	28°12	26°12	15° 5	26°35	27°14	14° 9	20°46	25°52	2° 7	10°10	9°14	19°19	n.a.	M15
T 16	9 23 52	22°56'22	13♒25	26°43	16°18	27°11	27°28	14°15	20°49	25°54	2° 6	10° 2	9°11	19°26	n.a.	T 16
W17	9 27 49	23°55'57	28°45	27°19	17°32	27°48	27°41	14°21	20°52	25°56	2° 4	9°51	9° 8	19°33	n.a.	W17
T 18	9 31 45	24°55'30	14♓ 1	27°58	18°46	28°25	27°55	14°27	20°56	25°58	2° 3	9°40	9° 5	19°39	n.a.	T 18
F 19	9 35 42	25°55'00	29° 2	28°41	20° 0	29° 1	28° 8	14°33	20°59	26° 0	2° 2	9°30	9° 1	19°46	n.a.	F 19
S 20	9 39 38	26°54'28	13♈39	29°28	21°13	29°38	28°22	14°39	21° 2	26° 2	2° 0	9°22	8°58	19°53	n.a.	S 20
S 21	9 43 35	27°53'54	27°48	0♒18	22°27	0♉15	28°35	14°45	21° 5	26° 4	1°59	9°17	8°55	20° 0	n.a.	S 21
M22	9 47 31	28°53'18	11♉26	1°11	23°40	0°52	28°49	14°51	21° 7	26° 6	1°58	9°14	8°52	20° 6	n.a.	M22
T 23	9 51 28	29°52'39	24°36	2° 8	24°54	1°29	29° 2	14°58	21°10	26° 8	1°56	9°13	8°49	20°13	n.a.	T 23
W24	9 55 25	0♓51'57	7♊21	3° 7	26° 7	2° 5	29°15	15° 4	21°13	26°10	1°55	9°13	8°46	20°20	n.a.	W24
T 25	9 59 21	1°51'13	19°47	4° 9	27°21	2°42	29°29	15°10	21°16	26°12	1°54	9°13	8°42	20°26	n.a.	T 25
F 26	10 3 18	2°50'27	1♋58	5°13	28°34	3°19	29°42	15°17	21°19	26°14	1°52	9°11	8°39	20°33	n.a.	F 26
S 27	10 7 14	3°49'39	13°58	6°20	29°48	3°56	29°55	15°23	21°22	26°16	1°51	9° 7	8°36	20°40	n.a.	S 27
S 28	10 11 11	4°48'48	25°52	7°29	1♈ 1	4°33	0♒ 8	15°30	21°24	26°18	1°50	9° 0	8°33	20°47	n.a.	S 28
M29	10 15 7	5♓47'54	7♌43	8♒41	2♈14	5♉10	0♒21	15♈37	21♑27	26♓21	1♌49	8♊51	8♊30	20♌53	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s30	24n18	3n44	17s 4	3n37	13s39	1s21	7n48	0n41	22s14	0s40	2n58	2s23	22s45	0s32	3s30	1s49	31n45	12n16	22n26	22n13	20n13		n.a.
T 2	18 14	21 57	4 22	17 22	3 30	13 12	1 20	8 3	0 42	22 11	0 40	3 0	2 23	22 44	0 32	3 29	1 49	31 45	12 16	22 25	22 12	20 11		n.a.
W 3	17 58	18 40	4 48	17 41	3 20	12 45	1 19	8 17	0 43	22 9	0 40	3 2	2 22	22 44	0 32	3 28	1 49	31 46	12 16	22 23	22 12	20 10		n.a.
T 4	17 41	14 39	5 1	17 59	3 10	12 17	1 18	8 32	0 43	22 7	0 40	3 5	2 22	22 43	0 32	3 28	1 49	31 46	12 16	22 22	22 11	20 8		n.a.
F 5	17 24	10 4	5 2	18 16	2 58	11 48	1 16	8 46	0 44	22 4	0 41	3 7	2 22	22 43	0 32	3 27	1 49	31 46	12 16	22 20	22 11	20 6		n.a.
S 6	17 7	5 4	4 49	18 34	2 46	11 20	1 15	9 1	0 45	22 2	0 41	3 9	2 22	22 42	0 32	3 26	1 49	31 47	12 16	22 18	22 11	20 4		n.a.
S 7	16 50	0s 9	4 23	18 50	2 33	10 51	1 14	9 15	0 45	21 59	0 41	3 11	2 21	22 42	0 32	3 25	1 49	31 47	12 16	22 17	22 10	20 2		n.a.
M 8	16 32	5 27	3 45	19 6	2 20	10 22	1 12	9 29	0 46	21 57	0 41	3 14	2 21	22 41	0 32	3 25	1 49	31 48	12 16	22 17	22 10	20 1		n.a.
T 9	16 14	10 39	2 56	19 20	2 6	9 53	1 11	9 44	0 46	21 54	0 41	3 16	2 21	22 41	0 32	3 24	1 49	31 48	12 16	22 16	22 9	19 59		n.a.
W10	15 56	15 32	1 56	19 34	1 53	9 23	1 9	9 58	0 47	21 52	0 41	3 18	2 21	22 40	0 32	3 23	1 49	31 48	12 16	22 16	22 9	19 57		n.a.
T 11	15 38	19 50	0 49	19 47	1 39	8 53	1 7	10 12	0 47	21 49	0 41	3 21	2 20	22 40	0 32	3 22	1 49	31 49	12 16	22 16	22 8	19 55		n.a.
F 12	15 19	23 13	0s23	19 58	1 25	8 23	1 5	10 26	0 48	21 47	0 41	3 23	2 20	22 39	0 32	3 22	1 49	31 49	12 16	22 16	22 8	19 53		n.a.
S 13	15 0	25 19	1 36	20 8	1 12	7 53	1 4	10 40	0 48	21 44	0 42	3 25	2 20	22 39	0 32	3 21	1 49	31 49	12 16	22 16	22 7	19 51		n.a.
S 14	14 41	25 48	2 45	20 17	0 59	7 23	1 2	10 54	0 49	21 41	0 42	3 28	2 20	22 39	0 32	3 20	1 49	31 50	12 16	22 16	22 7	19 49		n.a.
M15	14 22	24 26	3 45	20 25	0 46	6 52	1 0	11 8	0 50	21 39	0 42	3 30	2 20	22 38	0 32	3 19	1 49	31 50	12 16	22 15	22 6	19 47		n.a.
T 16	14 2	21 18	4 30	20 31	0 33	6 21	0 58	11 22	0 50	21 36	0 42	3 33	2 19	22 38	0 32	3 18	1 48	31 50	12 16	22 13	22 6	19 46		n.a.
W17	13 42	16 39	4 56	20 37	0 21	5 50	0 56	11 36	0 51	21 34	0 42	3 35	2 19	22 37	0 32	3 18	1 48	31 50	12 15	22 12	22 5	19 44		n.a.
T 18	13 22	10 58	5 0	20 40	0 9	5 19	0 54	11 50	0 51	21 31	0 42	3 38	2 19	22 37	0 32	3 17	1 48	31 51	12 15	22 10	22 5	19 42		n.a.
F 19	13 2	4 43	4 44	20 43	0s 3	4 48	0 52	12 4	0 52	21 28	0 42	3 40	2 19	22 36	0 32	3 16	1 48	31 51	12 15	22 9	22 4	19 40		n.a.
S 20	12 42	1n38	4 9	20 44	0 14	4 17	0 49	12 17	0 52	21 26	0 43	3 43	2 18	22 36	0 32	3 15	1 48	31 51	12 15	22 7	22 4	19 38		n.a.
S 21	12 21	7 42	3 20	20 44	0 25	3 45	0 47	12 31	0 52	21 23	0 43	3 46	2 18	22 35	0 32	3 14	1 48	31 52	12 15	22 7	22 3	19 36		n.a.
M22	12 0	13 12	2 21	20 42	0 35	3 14	0 45	12 44	0 53	21 21	0 43	3 48	2 18	22 35	0 33	3 13	1 48	31 52	12 15	22 6	22 3	19 34		n.a.
T 23	11 39	17 55	1 17	20 39	0 45	2 42	0 43	12 58	0 53	21 18	0 43	3 51	2 18	22 34	0 33	3 12	1 48	31 52	12 15	22 6	22 2	19 32		n.a.
W24	11 18	21 38	0 10	20 34	0 54	2 10	0 40	13 11	0 54	21 15	0 43	3 53	2 18	22 34	0 33	3 12	1 48	31 52	12 15	22 6	22 2	19 30		n.a.
T 25	10 57	24 15	0n56	20 28	1 3	1 39	0 38	13 24	0 54	21 13	0 43	3 56	2 17	22 34	0 33	3 11	1 48	31 52	12 15	22 6	22 1	19 28		n.a.
F 26	10 35	25 40	1 57	20 21	1 11	1 7	0 35	13 38	0 55	21 10	0 43	3 59	2 17	22 33	0 33	3 10	1 48	31 53	12 15	22 6	22 1	19 26		n.a.
S 27	10 13	25 51	2 52	20 12	1 20	0 35	0 33	13 51	0 55	21 7	0 44	4 2	2 17	22 33	0 33	3 9	1 48	31 53	12 15	22 5	22 0	19 24		n.a.
S 28	9 52	24 49	3 40	20 1	1 27	0 3	0 30	14 4	0 56	21 5	0 44	4 4	2 17	22 32	0 33	3 8	1 48	31 53	12 14	22 4	22 0	19 22		n.a.
M29	9s30	22n42	4n17	19s49	1s34	0n29	0s28	14n17	0n56	21s 2	0s44	4n 7	2s17	22s32	0s33	3s 7	1s48	31n53	12n14	22n 3	21n59	19n21		n.a.

Julian Day Number = 1623201.5, Delta T = 03h46m17s
Ecliptic obliquity = 23°43'43, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°47'00, Lahiri = - 7°39'59 Julian Calendar 1 Feb. 269 BCE == Greg. Calendar 28 Jan. 269 BCE

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

MARCH 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 19 4	6♓46'59	19♌34	9♒54	3♈27	5♉47	0♒34	15♈43	21♑30	26♓23	1°R47	8°R38	8♊26	21♌ 0	n.a.	T 1
W 2	10 23 0	7°46'01	1♍27	11°10	4°40	6°24	0°47	15°50	21°33	26°25	1♌46	8♊24	8°23	21° 7	n.a.	W 2
T 3	10 26 57	8°45'01	13°23	12°27	5°54	7° 0	1° 0	15°57	21°35	26°27	1°45	8°10	8°20	21°13	n.a.	T 3
F 4	10 30 54	9°43'58	25°24	13°47	7° 7	7°37	1°12	16° 4	21°38	26°29	1°44	7°56	8°17	21°20	n.a.	F 4
S 5	10 34 50	10°42'54	7♎31	15° 8	8°20	8°14	1°25	16°11	21°40	26°31	1°43	7°44	8°14	21°27	n.a.	S 5
S 6	10 38 47	11°41'48	19°44	16°31	9°32	8°51	1°38	16°17	21°43	26°34	1°42	7°34	8°11	21°34	n.a.	S 6
M 7	10 42 43	12°40'40	2♏ 7	17°56	10°45	9°28	1°50	16°24	21°45	26°36	1°41	7°28	8° 7	21°40	n.a.	M 7
T 8	10 46 40	13°39'30	14°41	19°22	11°58	10° 5	2° 3	16°31	21°48	26°38	1°40	7°24	8° 4	21°47	n.a.	T 8
W 9	10 50 36	14°38'18	27°30	20°50	13°11	10°42	2°15	16°39	21°50	26°40	1°39	7°22	8° 1	21°54	n.a.	W 9
T 10	10 54 33	15°37'04	10♐38	22°20	14°24	11°19	2°28	16°46	21°53	26°42	1°37	7°22	7°58	22° 0	n.a.	T 10
F 11	10 58 29	16°35'49	24° 6	23°52	15°36	11°56	2°40	16°53	21°55	26°45	1°36	7°22	7°55	22° 7	n.a.	F 11
S 12	11 2 26	17°34'31	7♑59	25°25	16°49	12°33	2°52	17° 0	21°57	26°47	1°36	7°21	7°52	22°14	n.a.	S 12
S 13	11 6 22	18°33'13	22°16	27° 0	18° 1	13°10	3° 4	17° 7	22° 0	26°49	1°35	7°17	7°48	22°21	n.a.	S 13
M14	11 10 19	19°31'52	6♒56	28°36	19°14	13°47	3°16	17°14	22° 2	26°51	1°34	7°11	7°45	22°27	n.a.	M14
T 15	11 14 16	20°30'29	21°55	0♓14	20°26	14°24	3°28	17°22	22° 4	26°54	1°33	7° 3	7°42	22°34	n.a.	T 15
W16	11 18 12	21°29'05	7♓ 4	1°54	21°39	15° 1	3°40	17°29	22° 6	26°56	1°32	6°53	7°39	22°41	n.a.	W16
T 17	11 22 9	22°27'38	22°14	3°35	22°51	15°38	3°52	17°36	22° 9	26°58	1°31	6°42	7°36	22°48	n.a.	T 17
F 18	11 26 5	23°26'09	7♈13	5°18	24° 3	16°15	4° 4	17°44	22°11	27° 0	1°30	6°32	7°32	22°54	n.a.	F 18
S 19	11 30 2	24°24'39	21°53	7° 3	25°16	16°52	4°15	17°51	22°13	27° 3	1°29	6°24	7°29	23° 1	n.a.	S 19
S 20	11 33 58	25°23'06	6♉ 7	8°49	26°28	17°29	4°27	17°59	22°15	27° 5	1°29	6°18	7°26	23° 8	n.a.	S 20
M21	11 37 55	26°21'31	19°52	10°37	27°40	18° 6	4°38	18° 6	22°17	27° 7	1°28	6°15	7°23	23°14	n.a.	M21
T 22	11 41 51	27°19'54	3♊ 8	12°26	28°52	18°44	4°50	18°14	22°19	27°10	1°27	6°D14	7°20	23°21	n.a.	T 22
W23	11 45 48	28°18'15	15°58	14°17	0♉ 4	19°21	5° 1	18°21	22°20	27°12	1°26	6°14	7°17	23°28	n.a.	W23
T 24	11 49 45	29°16'33	28°27	16°10	1°16	19°58	5°12	18°29	22°22	27°14	1°26	6°R14	7°13	23°35	n.a.	T 24
F 25	11 53 41	0♈14'50	10♋39	18° 4	2°28	20°35	5°23	18°37	22°24	27°16	1°25	6°14	7°10	23°41	n.a.	F 25
S 26	11 57 38	1°13'04	22°39	20° 0	3°39	21°12	5°34	18°44	22°26	27°19	1°24	6°11	7° 7	23°48	n.a.	S 26
S 27	12 1 34	2°11'16	4♌33	21°58	4°51	21°49	5°45	18°52	22°28	27°21	1°24	6° 7	7° 4	23°55	n.a.	S 27
M28	12 5 31	3° 9'26	16°23	23°57	6° 3	22°26	5°56	18°59	22°29	27°23	1°23	6° 0	7° 1	24° 1	n.a.	M28
T 29	12 9 27	4° 7'34	28°15	25°58	7°14	23° 3	6° 7	19° 7	22°31	27°25	1°23	5°50	6°58	24° 8	n.a.	T 29
W30	12 13 24	5° 5'40	10♍11	28° 0	8°26	23°40	6°17	19°15	22°32	27°28	1°22	5°40	6°54	24°15	n.a.	W30
T 31	12 17 20	6♈ 3'44	22♍13	0♈ 4	9♉37	24♉17	6♒28	19♈23	22♑34	27♓30	1♌22	5♊28	6♊51	24♌22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9s 8	19n36	4n43	19s36	1s41	1n 1	0s25	14n30	0n56	20s59	0s44	4n10	2s17	22s32	0s33	3s 6	1s48	31n53	12n14	22n 1	21n59	19n19			n.a.
W 2	8 45	15 42	4 57	19 21	1 47	1 32	0 22	14 42	0 57	20 57	0 44	4 13	2 16	22 31	0 33	3 6	1 48	31 54	12 14	21 58	21 58	19 17			n.a.
T 3	8 23	11 11	4 58	19 4	1 53	2 4	0 20	14 55	0 57	20 54	0 44	4 15	2 16	22 31	0 33	3 5	1 48	31 54	12 14	21 56	21 58	19 15			n.a.
F 4	8 1	6 12	4 46	18 46	1 58	2 36	0 17	15 8	0 58	20 51	0 45	4 18	2 16	22 30	0 33	3 4	1 48	31 54	12 14	21 54	21 57	19 13			n.a.
S 5	7 38	0 58	4 20	18 27	2 3	3 8	0 14	15 20	0 58	20 49	0 45	4 21	2 16	22 30	0 33	3 3	1 48	31 54	12 14	21 52	21 57	19 11			n.a.
S 6	7 16	4s22	3 43	18 5	2 7	3 39	0 11	15 33	0 58	20 46	0 45	4 24	2 16	22 30	0 33	3 2	1 48	31 54	12 13	21 50	21 56	19 9			n.a.
M 7	6 53	9 38	2 55	17 43	2 11	4 11	0 8	15 45	0 59	20 43	0 45	4 27	2 16	22 29	0 33	3 1	1 48	31 54	12 13	21 49	21 56	19 7			n.a.
T 8	6 30	14 35	1 57	17 19	2 14	4 42	0 6	15 57	0 59	20 41	0 45	4 30	2 15	22 29	0 33	3 0	1 48	31 54	12 13	21 48	21 55	19 5			n.a.
W 9	6 7	19 0	0 52	16 53	2 17	5 13	0 3	16 9	0 59	20 38	0 45	4 32	2 15	22 28	0 33	2 59	1 48	31 54	12 13	21 48	21 55	19 3			n.a.
T 10	5 44	22 36	0s17	16 25	2 19	5 45	0n 0	16 21	1 0	20 35	0 46	4 35	2 15	22 28	0 33	2 58	1 48	31 54	12 13	21 48	21 54	19 1			n.a.
F 11	5 21	25 3	1 27	15 56	2 21	6 16	0 3	16 33	1 0	20 33	0 46	4 38	2 15	22 28	0 33	2 57	1 48	31 54	12 12	21 48	21 54	18 59			n.a.
S 12	4 58	26 3	2 34	15 26	2 22	6 47	0 6	16 45	1 0	20 30	0 46	4 41	2 15	22 27	0 33	2 57	1 48	31 54	12 12	21 48	21 53	18 57			n.a.
S 13	4 35	25 22	3 34	14 54	2 23	7 18	0 9	16 57	1 1	20 27	0 46	4 44	2 15	22 27	0 33	2 56	1 48	31 55	12 12	21 47	21 53	18 55			n.a.
M14	4 12	22 57	4 21	14 20	2 23	7 48	0 12	17 8	1 1	20 25	0 46	4 47	2 15	22 27	0 33	2 55	1 48	31 55	12 12	21 46	21 52	18 53			n.a.
T 15	3 48	18 57	4 51	13 45	2 23	8 19	0 15	17 20	1 1	20 22	0 46	4 50	2 14	22 26	0 33	2 54	1 48	31 55	12 12	21 45	21 52	18 50			n.a.
W16	3 25	13 40	5 1	13 8	2 22	8 49	0 18	17 31	1 2	20 19	0 47	4 53	2 14	22 26	0 33	2 53	1 48	31 55	12 11	21 43	21 51	18 48			n.a.
T 17	3 2	7 33	4 50	12 30	2 21	9 19	0 21	17 42	1 2	20 17	0 47	4 56	2 14	22 26	0 33	2 52	1 48	31 55	12 11	21 41	21 50	18 46			n.a.
F 18	2 38	1 4	4 19	11 50	2 19	9 49	0 24	17 54	1 2	20 14	0 47	4 59	2 14	22 25	0 33	2 51	1 48	31 55	12 11	21 40	21 50	18 44			n.a.
S 19	2 15	5n21	3 32	11 9	2 17	10 18	0 27	18 5	1 3	20 11	0 47	5 2	2 14	22 25	0 33	2 50	1 48	31 55	12 11	21 38	21 49	18 42			n.a.
S 20	1 51	11 19	2 33	10 26	2 14	10 48	0 30	18 16	1 3	20 9	0 47	5 5	2 14	22 25	0 33	2 49	1 48	31 55	12 11	21 37	21 49	18 40			n.a.
M21	1 28	16 32	1 26	9 41	2 11	11 17	0 33	18 27	1 3	20 6	0 48	5 8	2 14	22 25	0 33	2 48	1 48	31 55	12 10	21 37	21 48	18 38			n.a.
T 22	1 4	20 46	0 16	8 55	2 7	11 46	0 36	18 37	1 4	20 4	0 48	5 11	2 14	22 24	0 33	2 47	1 48	31 54	12 10	21 37	21 48	18 36			n.a.
W23	0 41	23 50	0n52	8 8	2 2	12 15	0 39	18 48	1 4	20 1	0 48	5 14	2 13	22 24	0 33	2 47	1 48	31 54	12 10	21 37	21 47	18 34			n.a.
T 24	0 17	25 38	1 55	7 19	1 57	12 43	0 42	18 58	1 4	19 59	0 48	5 17	2 13	22 24	0 33	2 46	1 48	31 54	12 10	21 37	21 47	18 32			n.a.
F 25	0n 6	26 9	2 52	6 29	1 52	13 11	0 45	19 9	1 4	19 56	0 48	5 20	2 13	22 23	0 33	2 45	1 48	31 54	12 9	21 37	21 46	18 30			n.a.
S 26	0 29	25 25	3 41	5 37	1 46	13 39	0 48	19 19	1 5	19 53	0 49	5 23	2 13	22 23	0 33	2 44	1 48	31 54	12 9	21 36	21 46	18 28			n.a.
S 27	0 53	23 32	4 19	4 45	1 39	14 6	0 51	19 29	1 5	19 51	0 49	5 26	2 13	22 23	0 33	2 43	1 48	31 54	12 9	21 35	21 45	18 26			n.a.
M28	1 16	20 39	4 46	3 50	1 32	14 33	0 54	19 39	1 5	19 48	0 49	5 29	2 13	22 23	0 33	2 42	1 48	31 54	12 9	21 34	21 45	18 23			n.a.
T 29	1 40	16 55	5 1	2 55	1 25	15 0	0 57	19 49	1 5	19 46	0 49	5 32	2 13	22 22	0 34	2 41	1 48	31 54	12 8	21 32	21 44	18 21			n.a.
W30	2 3	12 29	5 2	1 58	1 17	15 26	1 0	19 58	1 6	19 43	0 49	5 35	2 13	22 22	0 34	2 40	1 48	31 54	12 8	21 31	21 44	18 19			n.a.
T 31	2n26	7n34	4n51	1s 1	1s 8	15n52	1n 3	20n 8	1n 6	19s41	0s50	5n38	2s13	22s22	0s34	2s39	1s48	31n54	12n 8	21n29	21n43	18n17			n.a.

Julian Day Number = 1623230.5, Delta T = 03h46m16s
Ecliptic obliquity = 23°43'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'56, Lahiri = - 7°39'55 Julian Calendar 1 March 269 BCE == Greg. Calendar 26 Feb. 269 BCE

The year -268 astronomical counting style corresponds to year 269 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

APRIL 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 21 17	7♈ 1'46	4♎22	2♈ 9	10♉49	24♉55	6♒38	19♈30	22♑35	27♓32	1°R21	5°R18	6♊48	24♌28	n.a.	F 1
S 2	12 25 13	7°59'47	16°40	4°15	12° 0	25°32	6°48	19°38	22°37	27°34	1♌21	5♊ 8	6°45	24°35	n.a.	S 2
S 3	12 29 10	8°57'45	29° 7	6°23	13°11	26° 9	6°58	19°46	22°38	27°37	1°20	5° 1	6°42	24°42	n.a.	S 3
M 4	12 33 7	9°55'42	11♏45	8°31	14°22	26°46	7° 9	19°54	22°40	27°39	1°20	4°56	6°38	24°48	n.a.	M 4
T 5	12 37 3	10°53'38	24°33	10°40	15°33	27°23	7°18	20° 1	22°41	27°41	1°20	4°53	6°35	24°55	n.a.	T 5
W 6	12 41 0	11°51'32	7♐34	12°50	16°44	28° 0	7°28	20° 9	22°42	27°43	1°19	4°D53	6°32	25° 2	n.a.	W 6
T 7	12 44 56	12°49'25	20°50	15° 0	17°55	28°37	7°38	20°17	22°43	27°45	1°19	4°54	6°29	25° 9	n.a.	T 7
F 8	12 48 53	13°47'17	4♑22	17°10	19° 6	29°14	7°48	20°25	22°45	27°48	1°19	4°55	6°26	25°15	n.a.	F 8
S 9	12 52 49	14°45'07	18°11	19°20	20°16	29°52	7°57	20°33	22°46	27°50	1°18	4°R55	6°23	25°22	n.a.	S 9
S 10	12 56 46	15°42'56	2♒19	21°30	21°27	0♊29	8° 7	20°41	22°47	27°52	1°18	4°54	6°19	25°29	n.a.	S 10
M11	13 0 42	16°40'43	16°43	23°38	22°38	1° 6	8°16	20°48	22°48	27°54	1°18	4°51	6°16	25°36	n.a.	M11
T 12	13 4 39	17°38'30	1♓21	25°46	23°48	1°43	8°25	20°56	22°49	27°56	1°18	4°46	6°13	25°42	n.a.	T 12
W13	13 8 36	18°36'15	16° 8	27°52	24°58	2°20	8°34	21° 4	22°50	27°58	1°18	4°39	6°10	25°49	n.a.	W13
T 14	13 12 32	19°33'58	0♈56	29°57	26° 9	2°57	8°43	21°12	22°51	28° 1	1°18	4°32	6° 7	25°56	n.a.	T 14
F 15	13 16 29	20°31'41	15°37	2♉ 0	27°19	3°35	8°52	21°20	22°52	28° 3	1°18	4°26	6° 3	26° 2	n.a.	F 15
S 16	13 20 25	21°29'21	0♉ 4	4° 1	28°29	4°12	9° 0	21°28	22°52	28° 5	1°18	4°21	6° 0	26° 9	n.a.	S 16
S 17	13 24 22	22°27'01	14°11	6° 0	29°39	4°49	9° 9	21°36	22°53	28° 7	1°D18	4°17	5°57	26°16	n.a.	S 17
M18	13 28 18	23°24'39	27°53	7°56	0♊49	5°26	9°17	21°44	22°54	28° 9	1°18	4°D15	5°54	26°23	n.a.	M18
T 19	13 32 15	24°22'16	11♊10	9°50	1°59	6° 3	9°25	21°51	22°54	28°11	1°18	4°15	5°51	26°29	n.a.	T 19
W20	13 36 11	25°19'51	24° 3	11°41	3° 9	6°41	9°33	21°59	22°55	28°13	1°18	4°16	5°48	26°36	n.a.	W20
T 21	13 40 8	26°17'24	6♋36	13°29	4°18	7°18	9°41	22° 7	22°56	28°15	1°18	4°18	5°44	26°43	n.a.	T 21
F 22	13 44 5	27°14'56	18°51	15°14	5°28	7°55	9°49	22°15	22°56	28°17	1°18	4°19	5°41	26°49	n.a.	F 22
S 23	13 48 1	28°12'27	0♌54	16°56	6°37	8°32	9°57	22°23	22°56	28°19	1°18	4°R20	5°38	26°56	n.a.	S 23
S 24	13 51 58	29° 9'56	12°49	18°36	7°47	9°10	10° 4	22°31	22°57	28°21	1°18	4°18	5°35	27° 3	n.a.	S 24
M25	13 55 54	0♉ 7'23	24°41	20°12	8°56	9°47	10°12	22°39	22°57	28°23	1°19	4°16	5°32	27°10	n.a.	M25
T 26	13 59 51	1° 4'49	6♍35	21°45	10° 5	10°24	10°19	22°46	22°58	28°25	1°19	4°12	5°29	27°16	n.a.	T 26
W27	14 3 47	2° 2'14	18°34	23°15	11°14	11° 1	10°26	22°54	22°58	28°27	1°19	4° 7	5°25	27°23	n.a.	W27
T 28	14 7 44	2°59'37	0♎42	24°42	12°23	11°39	10°33	23° 2	22°58	28°29	1°20	4° 2	5°22	27°30	n.a.	T 28
F 29	14 11 40	3°56'59	13° 0	26° 6	13°32	12°16	10°40	23°10	22°58	28°31	1°20	3°57	5°19	27°37	n.a.	F 29
S 30	14 15 37	4♉54'20	25♎30	27♉26	14♊41	12♊53	10♒46	23♈18	22♑58	28♓33	1♌20	3♊52	5♊16	27♌43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n49	2n18	4n26	0s 2	0s59	16n18	1n 6	20n18	1n 6	19s39	0s50	5n41	2s13	22s22	0s34	2s38	1s48	31n53	12n 8	21n27	21n42	18n15		n.a.
S 2	3 13	3s 7	3 48	0n57	0 50	16 43	1 9	20 27	1 6	19 36	0 50	5 44	2 13	22 22	0 34	2 38	1 48	31 53	12 7	21 25	21 42	18 13		n.a.
S 3	3 36	8 30	2 59	1 57	0 40	17 8	1 12	20 36	1 7	19 34	0 50	5 47	2 12	22 21	0 34	2 37	1 48	31 53	12 7	21 24	21 41	18 11		n.a.
M 4	3 59	13 38	2 1	2 57	0 30	17 32	1 15	20 45	1 7	19 31	0 51	5 50	2 12	22 21	0 34	2 36	1 48	31 53	12 7	21 23	21 41	18 9		n.a.
T 5	4 22	18 15	0 55	3 58	0 20	17 56	1 18	20 54	1 7	19 29	0 51	5 53	2 12	22 21	0 34	2 35	1 48	31 53	12 7	21 22	21 40	18 6		n.a.
W 6	4 45	22 4	0s14	4 59	0 10	18 19	1 20	21 3	1 7	19 27	0 51	5 56	2 12	22 21	0 34	2 34	1 48	31 53	12 6	21 22	21 40	18 4		n.a.
T 7	5 7	24 49	1 25	6 0	0n 1	18 42	1 23	21 11	1 7	19 24	0 51	5 59	2 12	22 21	0 34	2 33	1 48	31 52	12 6	21 22	21 39	18 2		n.a.
F 8	5 30	26 11	2 32	7 0	0 12	19 5	1 26	21 20	1 8	19 22	0 51	6 2	2 12	22 20	0 34	2 32	1 48	31 52	12 6	21 22	21 39	18 0		n.a.
S 9	5 53	25 58	3 31	8 0	0 22	19 27	1 29	21 28	1 8	19 20	0 52	6 5	2 12	22 20	0 34	2 31	1 48	31 52	12 5	21 22	21 38	17 58		n.a.
S 10	6 15	24 5	4 19	8 59	0 33	19 49	1 31	21 36	1 8	19 18	0 52	6 8	2 12	22 20	0 34	2 31	1 48	31 52	12 5	21 22	21 38	17 56		n.a.
M11	6 38	20 39	4 52	9 57	0 43	20 10	1 34	21 44	1 8	19 15	0 52	6 11	2 12	22 20	0 34	2 30	1 48	31 52	12 5	21 22	21 37	17 53		n.a.
T 12	7 0	15 53	5 7	10 54	0 54	20 30	1 36	21 52	1 8	19 13	0 52	6 14	2 12	22 20	0 34	2 29	1 48	31 51	12 5	21 21	21 36	17 51		n.a.
W13	7 23	10 9	5 1	11 50	1 4	20 50	1 39	22 0	1 9	19 11	0 53	6 17	2 12	22 20	0 34	2 28	1 48	31 51	12 4	21 20	21 36	17 49		n.a.
T 14	7 45	3 50	4 36	12 44	1 13	21 10	1 41	22 8	1 9	19 9	0 53	6 20	2 12	22 20	0 34	2 27	1 48	31 51	12 4	21 18	21 35	17 47		n.a.
F 15	8 7	2n39	3 52	13 36	1 22	21 29	1 44	22 15	1 9	19 7	0 53	6 23	2 12	22 20	0 34	2 26	1 48	31 51	12 4	21 17	21 35	17 45		n.a.
S 16	8 29	8 55	2 54	14 26	1 31	21 47	1 46	22 22	1 9	19 5	0 53	6 26	2 12	22 19	0 34	2 26	1 48	31 50	12 4	21 16	21 34	17 42		n.a.
S 17	8 50	14 35	1 47	15 14	1 39	22 5	1 49	22 29	1 9	19 3	0 54	6 29	2 12	22 19	0 34	2 25	1 48	31 50	12 3	21 15	21 34	17 40		n.a.
M18	9 12	19 22	0 35	16 0	1 47	22 22	1 51	22 36	1 9	19 1	0 54	6 32	2 12	22 19	0 34	2 24	1 48	31 50	12 3	21 15	21 33	17 38		n.a.
T 19	9 34	23 0	0n37	16 44	1 53	22 39	1 53	22 43	1 10	18 59	0 54	6 35	2 12	22 19	0 34	2 23	1 48	31 49	12 3	21 15	21 33	17 36		n.a.
W20	9 55	25 21	1 45	17 25	2 0	22 55	1 55	22 50	1 10	18 57	0 54	6 38	2 12	22 19	0 34	2 22	1 49	31 49	12 2	21 15	21 32	17 34		n.a.
T 21	10 16	26 20	2 47	18 4	2 5	23 11	1 57	22 56	1 10	18 55	0 55	6 41	2 12	22 19	0 34	2 22	1 49	31 49	12 2	21 16	21 31	17 31		n.a.
F 22	10 37	26 0	3 39	18 40	2 10	23 26	1 59	23 3	1 10	18 53	0 55	6 44	2 12	22 19	0 34	2 21	1 49	31 49	12 2	21 16	21 31	17 29		n.a.
S 23	10 58	24 26	4 20	19 14	2 14	23 40	2 1	23 9	1 10	18 51	0 55	6 47	2 12	22 19	0 34	2 20	1 49	31 48	12 2	21 16	21 30	17 27		n.a.
S 24	11 19	21 47	4 50	19 46	2 18	23 54	2 3	23 15	1 10	18 49	0 55	6 50	2 12	22 19	0 34	2 19	1 49	31 48	12 1	21 16	21 30	17 25		n.a.
M25	11 39	18 16	5 7	20 15	2 20	24 7	2 5	23 21	1 10	18 48	0 56	6 53	2 12	22 19	0 34	2 18	1 49	31 48	12 1	21 15	21 29	17 22		n.a.
T 26	11 59	14 0	5 11	20 42	2 22	24 19	2 7	23 26	1 10	18 46	0 56	6 56	2 12	22 19	0 34	2 18	1 49	31 47	12 1	21 15	21 29	17 20		n.a.
W27	12 20	9 11	5 2	21 7	2 23	24 31	2 8	23 32	1 11	18 44	0 56	6 58	2 12	22 19	0 34	2 17	1 49	31 47	12 0	21 14	21 28	17 18		n.a.
T 28	12 39	3 58	4 39	21 29	2 23	24 42	2 10	23 37	1 11	18 43	0 56	7 1	2 12	22 19	0 35	2 16	1 49	31 47	12 0	21 13	21 27	17 16		n.a.
F 29	12 59	1s29	4 2	21 49	2 22	24 52	2 11	23 42	1 11	18 41	0 57	7 4	2 12	22 19	0 35	2 15	1 49	31 46	12 0	21 12	21 27	17 13		n.a.
S 30	13n19	6s58	3n14	22n 7	2n21	25n 2	2n13	23n47	1n11	18s39	0s57	7n 7	2s12	22s19	0s35	2s15	1s49	31n46	11n59	21n11	21n26	17n11		n.a.

Julian Day Number = 1623261.5, Delta T = 03h46m15s
Ecliptic obliquity = 23°43'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'52, Lahiri = - 7°39'51 Julian Calendar 1 Apr. 269 BCE == Greg. Calendar 28 March 269 BCE

The year -268 astronomical counting style corresponds to year 269 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

MAY 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 19 34	5♉51'40	8♏14	28♉43	15♊49	13♊30	10♒53	23♈25	22♑58	28♓35	1♌21	3°R49	5♊13	27♌50	n.a.	S 1
M 2	14 23 30	6°49'00	21°10	29°57	16°58	14° 8	10°59	23°33	22°R58	28°37	1°21	3♊47	5° 9	27°57	n.a.	M 2
T 3	14 27 27	7°46'18	4♐20	1♊ 7	18° 6	14°45	11° 5	23°41	22°58	28°39	1°22	3°D47	5° 6	28° 3	n.a.	T 3
W 4	14 31 23	8°43'35	17°42	2°14	19°14	15°22	11°11	23°48	22°58	28°40	1°22	3°47	5° 3	28°10	n.a.	W 4
T 5	14 35 20	9°40'52	1♑16	3°18	20°22	15°59	11°17	23°56	22°58	28°42	1°23	3°48	5° 0	28°17	n.a.	T 5
F 6	14 39 16	10°38'09	15° 3	4°18	21°30	16°37	11°23	24° 4	22°58	28°44	1°23	3°50	4°57	28°24	n.a.	F 6
S 7	14 43 13	11°35'24	29° 0	5°14	22°38	17°14	11°28	24°11	22°58	28°46	1°24	3°51	4°54	28°30	n.a.	S 7
S 8	14 47 9	12°32'40	13♒ 7	6° 7	23°45	17°51	11°34	24°19	22°57	28°48	1°24	3°R51	4°50	28°37	n.a.	S 8
M 9	14 51 6	13°29'54	27°22	6°55	24°53	18°29	11°39	24°27	22°57	28°49	1°25	3°51	4°47	28°44	n.a.	M 9
T 10	14 55 3	14°27'09	11♓43	7°40	26° 0	19° 6	11°44	24°34	22°57	28°51	1°26	3°49	4°44	28°50	n.a.	T 10
W11	14 58 59	15°24'22	26° 7	8°21	27° 8	19°43	11°49	24°42	22°56	28°53	1°26	3°47	4°41	28°57	n.a.	W11
T 12	15 2 56	16°21'36	10♈28	8°58	28°15	20°21	11°54	24°49	22°56	28°54	1°27	3°45	4°38	29° 4	n.a.	T 12
F 13	15 6 52	17°18'49	24°42	9°30	29°22	20°58	11°58	24°57	22°55	28°56	1°28	3°43	4°35	29°11	n.a.	F 13
S 14	15 10 49	18°16'01	8♉44	9°59	0♋28	21°35	12° 2	25° 4	22°55	28°58	1°29	3°41	4°31	29°17	n.a.	S 14
S 15	15 14 45	19°13'13	22°32	10°23	1°35	22°13	12° 7	25°12	22°54	28°59	1°30	3°40	4°28	29°24	n.a.	S 15
M16	15 18 42	20°10'25	6♊ 0	10°42	2°41	22°50	12°11	25°19	22°53	29° 1	1°30	3°D40	4°25	29°31	n.a.	M16
T 17	15 22 38	21° 7'36	19°10	10°58	3°48	23°27	12°14	25°27	22°53	29° 2	1°31	3°41	4°22	29°38	n.a.	T 17
W18	15 26 35	22° 4'46	1♋59	11° 8	4°54	24° 5	12°18	25°34	22°52	29° 4	1°32	3°42	4°19	29°44	n.a.	W18
T 19	15 30 32	23° 1'56	14°31	11°14	6° 0	24°42	12°22	25°41	22°51	29° 6	1°33	3°43	4°15	29°51	n.a.	T 19
F 20	15 34 28	23°59'05	26°47	11°R15	7° 6	25°19	12°25	25°49	22°50	29° 7	1°34	3°43	4°12	29°58	n.a.	F 20
S 21	15 38 25	24°56'14	8♌51	11°12	8°11	25°57	12°28	25°56	22°49	29° 8	1°35	3°44	4° 9	0♍ 4	n.a.	S 21
S 22	15 42 21	25°53'21	20°48	11° 5	9°17	26°34	12°31	26° 3	22°48	29°10	1°36	3°R45	4° 6	0°11	n.a.	S 22
M23	15 46 18	26°50'29	2♍41	10°53	10°22	27°12	12°34	26°10	22°47	29°11	1°37	3°44	4° 3	0°18	n.a.	M23
T 24	15 50 14	27°47'36	14°36	10°37	11°27	27°49	12°36	26°17	22°46	29°13	1°38	3°44	4° 0	0°25	n.a.	T 24
W25	15 54 11	28°44'42	26°37	10°17	12°32	28°27	12°38	26°24	22°45	29°14	1°39	3°44	3°56	0°31	n.a.	W25
T 26	15 58 8	29°41'48	8♎48	9°53	13°36	29° 4	12°41	26°31	22°44	29°15	1°40	3°43	3°53	0°38	n.a.	T 26
F 27	16 2 4	0♊38'53	21°12	9°26	14°41	29°41	12°43	26°38	22°43	29°17	1°41	3°43	3°50	0°45	n.a.	F 27
S 28	16 6 1	1°35'58	3♏52	8°56	15°45	0♋19	12°44	26°45	22°42	29°18	1°43	3°42	3°47	0°52	n.a.	S 28
S 29	16 9 57	2°33'03	16°50	8°24	16°49	0°56	12°46	26°52	22°41	29°19	1°44	3°42	3°44	0°58	n.a.	S 29
M30	16 13 54	3°30'08	0♐ 5	7°50	17°53	1°34	12°47	26°59	22°39	29°20	1°45	3°42	3°40	1° 5	n.a.	M30
T 31	16 17 50	4♊27'13	13♐38	7♊14	18♋56	2♋11	12♒49	27♈ 6	22♑38	29♓22	1♌46	3♊42	3♊37	1♍12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	13n38	12s17	2n15	22n22	2n19	25n11	2n14	23n52	1n11	18s38	0s57	7n10	2s12	22s19	0s35	2s14	1s49	31n45	11n59	21n10	21n26	17n 9			n.a.
M 2	13 57	17 10	1 9	22 36	2 16	25 20	2 15	23 57	1 11	18 36	0 58	7 13	2 12	22 19	0 35	2 13	1 49	31 45	11 59	21 10	21 25	17 7			n.a.
T 3	14 16	21 19	0s 3	22 47	2 12	25 27	2 17	24 1	1 11	18 35	0 58	7 16	2 12	22 19	0 35	2 13	1 49	31 45	11 59	21 10	21 25	17 4			n.a.
W 4	14 35	24 24	1 16	22 56	2 7	25 34	2 18	24 6	1 11	18 33	0 58	7 19	2 12	22 19	0 35	2 12	1 49	31 44	11 58	21 10	21 24	17 2			n.a.
T 5	14 53	26 9	2 25	23 4	2 2	25 41	2 19	24 10	1 11	18 32	0 58	7 21	2 12	22 19	0 35	2 11	1 49	31 44	11 58	21 10	21 23	17 0			n.a.
F 6	15 12	26 18	3 28	23 9	1 56	25 46	2 20	24 14	1 12	18 31	0 59	7 24	2 12	22 19	0 35	2 10	1 49	31 43	11 58	21 10	21 23	16 57			n.a.
S 7	15 30	24 49	4 18	23 13	1 49	25 51	2 20	24 18	1 12	18 29	0 59	7 27	2 12	22 19	0 35	2 10	1 49	31 43	11 58	21 11	21 22	16 55			n.a.
S 8	15 47	21 47	4 54	23 14	1 41	25 56	2 21	24 21	1 12	18 28	0 59	7 30	2 12	22 19	0 35	2 9	1 49	31 43	11 57	21 11	21 22	16 53			n.a.
M 9	16 5	17 25	5 13	23 14	1 32	25 59	2 22	24 25	1 12	18 27	1 0	7 33	2 12	22 19	0 35	2 8	1 49	31 42	11 57	21 10	21 21	16 50			n.a.
T 10	16 22	12 2	5 12	23 13	1 23	26 2	2 22	24 28	1 12	18 26	1 0	7 35	2 12	22 20	0 35	2 8	1 49	31 42	11 57	21 10	21 20	16 48			n.a.
W11	16 39	6 1	4 51	23 9	1 12	26 4	2 23	24 31	1 12	18 25	1 0	7 38	2 12	22 20	0 35	2 7	1 49	31 41	11 56	21 10	21 20	16 46			n.a.
T 12	16 56	0n19	4 13	23 4	1 1	26 6	2 23	24 34	1 12	18 24	1 0	7 41	2 12	22 20	0 35	2 7	1 49	31 41	11 56	21 9	21 19	16 43			n.a.
F 13	17 12	6 36	3 19	22 58	0 50	26 7	2 23	24 37	1 12	18 23	1 1	7 44	2 12	22 20	0 35	2 6	1 49	31 40	11 56	21 9	21 19	16 41			n.a.
S 14	17 29	12 29	2 13	22 50	0 37	26 7	2 23	24 40	1 12	18 22	1 1	7 46	2 12	22 20	0 35	2 5	1 49	31 40	11 56	21 9	21 18	16 39			n.a.
S 15	17 44	17 38	1 1	22 40	0 24	26 6	2 23	24 42	1 12	18 21	1 1	7 49	2 12	22 20	0 35	2 5	1 50	31 39	11 55	21 9	21 18	16 36			n.a.
M16	18 0	21 47	0n13	22 30	0 10	26 5	2 23	24 44	1 12	18 20	1 2	7 52	2 12	22 20	0 35	2 4	1 50	31 39	11 55	21 8	21 17	16 34			n.a.
T 17	18 15	24 41	1 25	22 18	0s 4	26 3	2 23	24 46	1 12	18 19	1 2	7 54	2 12	22 20	0 35	2 4	1 50	31 39	11 55	21 9	21 16	16 32			n.a.
W18	18 31	26 13	2 30	22 4	0 19	26 1	2 22	24 48	1 12	18 19	1 2	7 57	2 12	22 21	0 35	2 3	1 50	31 38	11 55	21 9	21 16	16 29			n.a.
T 19	18 45	26 21	3 27	21 50	0 34	25 57	2 22	24 50	1 12	18 18	1 2	8 0	2 12	22 21	0 35	2 2	1 50	31 38	11 54	21 9	21 15	16 27			n.a.
F 20	19 0	25 11	4 13	21 35	0 50	25 53	2 21	24 51	1 12	18 17	1 3	8 2	2 13	22 21	0 35	2 2	1 50	31 37	11 54	21 9	21 15	16 25			n.a.
S 21	19 14	22 52	4 47	21 18	1 6	25 49	2 21	24 52	1 13	18 17	1 3	8 5	2 13	22 21	0 35	2 1	1 50	31 37	11 54	21 9	21 14	16 22			n.a.
S 22	19 28	19 36	5 8	21 1	1 22	25 43	2 20	24 54	1 13	18 16	1 3	8 7	2 13	22 21	0 35	2 1	1 50	31 36	11 53	21 9	21 13	16 20			n.a.
M23	19 41	15 33	5 16	20 43	1 39	25 38	2 19	24 55	1 13	18 16	1 4	8 10	2 13	22 21	0 35	2 0	1 50	31 36	11 53	21 9	21 13	16 17			n.a.
T 24	19 54	10 54	5 11	20 25	1 55	25 31	2 18	24 55	1 13	18 15	1 4	8 12	2 13	22 22	0 35	2 0	1 50	31 35	11 53	21 9	21 12	16 15			n.a.
W25	20 7	5 49	4 52	20 6	2 11	25 24	2 17	24 56	1 13	18 15	1 4	8 15	2 13	22 22	0 35	1 59	1 50	31 35	11 53	21 9	21 12	16 13			n.a.
T 26	20 20	0 26	4 19	19 46	2 27	25 16	2 15	24 56	1 13	18 14	1 5	8 17	2 13	22 22	0 35	1 59	1 50	31 34	11 53	21 9	21 11	16 10			n.a.
F 27	20 32	5s 4	3 34	19 27	2 43	25 7	2 14	24 56	1 13	18 14	1 5	8 20	2 13	22 22	0 35	1 58	1 50	31 34	11 52	21 9	21 10	16 8			n.a.
S 28	20 44	10 29	2 38	19 8	2 58	24 58	2 12	24 56	1 13	18 14	1 5	8 22	2 13	22 23	0 36	1 58	1 50	31 33	11 52	21 9	21 10	16 5			n.a.
S 29	20 55	15 36	1 32	18 48	3 12	24 49	2 10	24 56	1 13	18 14	1 6	8 25	2 13	22 23	0 36	1 57	1 50	31 33	11 52	21 9	21 9	16 3			n.a.
M30	21 7	20 5	0 20	18 30	3 26	24 39	2 9	24 56	1 13	18 14	1 6	8 27	2 13	22 23	0 36	1 57	1 50	31 32	11 52	21 9	21 9	16 1			n.a.
T 31	21n17	23s37	0s55	18n12	3s38	24n28	2n 7	24n55	1n13	18s14	1s 6	8n29	2s13	22s23	0s36	1s57	1s50	31n32	11n51	21n 9	21n 8	15n58			n.a.

Julian Day Number = 1623291.5, Delta T = 03h46m14s
Ecliptic obliquity = 23°43'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'48, Lahiri = - 7°39'47 Julian Calendar 1 May 269 BCE == Greg. Calendar 27 Apr. 269 BCE

The year -268 astronomical counting style corresponds to year 269 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

JUNE 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 21 47	5♊24'18	27♐26	6°R38	19♋59	2♋49	12♒50	27♈13	22°R37	29♓23	1♎47	3°R42	3♊34	1♍18	n.a.	W 1
T 2	16 25 43	6°21'23	11♑27	6♊ 1	21° 2	3°26	12°51	27°20	22♑35	29°24	1°49	3♊42	3°31	1°25	n.a.	T 2
F 3	16 29 40	7°18'29	25°37	5°25	22° 5	4° 4	12°51	27°26	22°34	29°25	1°50	3°42	3°28	1°32	n.a.	F 3
S 4	16 33 37	8°15'35	9♒53	4°50	23° 7	4°41	12°52	27°33	22°33	29°26	1°51	3°41	3°25	1°39	n.a.	S 4
S 5	16 37 33	9°12'41	24°10	4°17	24° 9	5°19	12°52	27°40	22°31	29°27	1°53	3°41	3°21	1°45	n.a.	S 5
M 6	16 41 30	10° 9'47	8♓26	3°46	25°11	5°57	12°R52	27°46	22°29	29°28	1°54	3°D41	3°18	1°52	n.a.	M 6
T 7	16 45 26	11° 6'54	22°39	3°18	26°13	6°34	12°52	27°53	22°28	29°29	1°55	3°41	3°15	1°59	n.a.	T 7
W 8	16 49 23	12° 4'02	6♈44	2°53	27°14	7°12	12°52	27°59	22°26	29°30	1°57	3°41	3°12	2° 6	n.a.	W 8
T 9	16 53 19	13° 1'10	20°42	2°32	28°15	7°49	12°51	28° 5	22°25	29°31	1°58	3°42	3° 9	2°12	n.a.	T 9
F 10	16 57 16	13°58'19	4♉29	2°16	29°16	8°27	12°50	28°12	22°23	29°32	2° 0	3°43	3° 6	2°19	n.a.	F 10
S 11	17 1 12	14°55'28	18° 5	2° 3	0♌16	9° 4	12°49	28°18	22°21	29°33	2° 1	3°44	3° 2	2°26	n.a.	S 11
S 12	17 5 9	15°52'38	1♊27	1°56	1°16	9°42	12°48	28°24	22°19	29°34	2° 3	3°R44	2°59	2°32	n.a.	S 12
M13	17 9 6	16°49'48	14°36	1°D54	2°16	10°20	12°47	28°30	22°18	29°34	2° 4	3°44	2°56	2°39	n.a.	M13
T 14	17 13 2	17°46'59	27°29	1°56	3°15	10°57	12°45	28°36	22°16	29°35	2° 6	3°43	2°53	2°46	n.a.	T 14
W15	17 16 59	18°44'10	10♋ 9	2° 5	4°14	11°35	12°44	28°42	22°14	29°36	2° 7	3°41	2°50	2°53	n.a.	W15
T 16	17 20 55	19°41'22	22°34	2°18	5°13	12°13	12°42	28°48	22°12	29°37	2° 9	3°39	2°46	2°59	n.a.	T 16
F 17	17 24 52	20°38'34	4♌47	2°38	6°11	12°51	12°40	28°54	22°10	29°37	2°10	3°37	2°43	3° 6	n.a.	F 17
S 18	17 28 48	21°35'46	16°49	3° 3	7° 9	13°28	12°38	29° 0	22° 8	29°38	2°12	3°34	2°40	3°13	n.a.	S 18
S 19	17 32 45	22°32'59	28°45	3°33	8° 6	14° 6	12°35	29° 6	22° 6	29°39	2°14	3°32	2°37	3°20	n.a.	S 19
M20	17 36 42	23°30'12	10♍38	4° 9	9° 3	14°44	12°33	29°12	22° 4	29°39	2°15	3°31	2°34	3°26	n.a.	M20
T 21	17 40 38	24°27'26	22°33	4°50	10° 0	15°21	12°30	29°17	22° 2	29°40	2°17	3°D30	2°31	3°33	n.a.	T 21
W22	17 44 35	25°24'40	4♎33	5°38	10°56	15°59	12°27	29°23	22° 0	29°40	2°19	3°30	2°27	3°40	n.a.	W22
T 23	17 48 31	26°21'54	16°43	6°30	11°51	16°37	12°23	29°28	21°58	29°41	2°20	3°31	2°24	3°46	n.a.	T 23
F 24	17 52 28	27°19'09	29° 8	7°28	12°46	17°15	12°20	29°34	21°56	29°41	2°22	3°33	2°21	3°53	n.a.	F 24
S 25	17 56 24	28°16'25	11♏52	8°31	13°41	17°53	12°17	29°39	21°54	29°42	2°24	3°34	2°18	4° 0	n.a.	S 25
S 26	18 0 21	29°13'41	24°58	9°39	14°35	18°30	12°13	29°44	21°52	29°42	2°25	3°35	2°15	4° 7	n.a.	S 26
M27	18 4 17	0♋10'58	8♐27	10°53	15°28	19° 8	12° 9	29°50	21°50	29°42	2°27	3°R36	2°12	4°13	n.a.	M27
T 28	18 8 14	1° 8'16	22°19	12°11	16°21	19°46	12° 5	29°55	21°48	29°43	2°29	3°34	2° 8	4°20	n.a.	T 28
W29	18 12 11	2° 5'35	6♑31	13°34	17°13	20°24	12° 1	29°59	21°45	29°43	2°31	3°32	2° 5	4°27	n.a.	W29
T 30	18 16 7	3♋ 2'54	20♑59	15♊ 2	18♌ 5	21♋ 2	11♒56	0♉ 5	21♑43	29♓43	2♌32	3♊29	2♊ 2	4♍33	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
W 1	21n28	25s50	2s 8	17n55	3s50	24n16	2n 4	24n55	1n13	18s14	1s 6	8n32	2s14	22s24	0s36	1s56	1s50	31n31	11n51	21n 9	21n 7	15n56			n.a.	W 1
T 2	21 38	26 27	3 14	17 38	4 0	24 4	2 2	24 54	1 13	18 14	1 7	8 34	2 14	22 24	0 36	1 56	1 51	31 31	11 51	21 9	21 7	15 53			n.a.	T 2
F 3	21 48	25 21	4 9	17 24	4 8	23 52	2 0	24 53	1 13	18 14	1 7	8 36	2 14	22 24	0 36	1 55	1 51	31 30	11 51	21 9	21 6	15 51			n.a.	F 3
S 4	21 57	22 38	4 50	17 10	4 16	23 39	1 57	24 51	1 13	18 14	1 7	8 39	2 14	22 24	0 36	1 55	1 51	31 30	11 50	21 9	21 5	15 48			n.a.	S 4
S 5	22 6	18 31	5 12	16 59	4 21	23 25	1 55	24 50	1 13	18 14	1 8	8 41	2 14	22 25	0 36	1 55	1 51	31 29	11 50	21 9	21 5	15 46			n.a.	S 5
M 6	22 15	13 22	5 15	16 49	4 26	23 11	1 52	24 48	1 13	18 14	1 8	8 43	2 14	22 25	0 36	1 54	1 51	31 28	11 50	21 9	21 4	15 44			n.a.	M 6
T 7	22 23	7 32	4 59	16 41	4 28	22 56	1 49	24 46	1 13	18 15	1 8	8 45	2 14	22 25	0 36	1 54	1 51	31 28	11 50	21 9	21 4	15 41			n.a.	T 7
W 8	22 31	1 21	4 26	16 35	4 30	22 41	1 46	24 44	1 13	18 15	1 9	8 48	2 14	22 25	0 36	1 54	1 51	31 27	11 50	21 9	21 3	15 39			n.a.	W 8
T 9	22 38	4n51	3 36	16 31	4 29	22 26	1 42	24 42	1 13	18 16	1 9	8 50	2 15	22 26	0 36	1 53	1 51	31 27	11 49	21 9	21 2	15 36			n.a.	T 9
F 10	22 45	10 45	2 35	16 29	4 28	22 10	1 39	24 40	1 13	18 16	1 9	8 52	2 15	22 26	0 36	1 53	1 51	31 26	11 49	21 9	21 2	15 34			n.a.	F 10
S 11	22 52	16 3	1 25	16 30	4 25	21 53	1 35	24 37	1 13	18 17	1 10	8 54	2 15	22 26	0 36	1 53	1 51	31 26	11 49	21 9	21 1	15 31			n.a.	S 11
S 12	22 58	20 30	0 13	16 33	4 20	21 36	1 32	24 35	1 13	18 17	1 10	8 56	2 15	22 27	0 36	1 52	1 51	31 25	11 49	21 9	21 1	15 29			n.a.	S 12
M13	23 4	23 49	1n 0	16 38	4 15	21 19	1 28	24 32	1 13	18 18	1 10	8 58	2 15	22 27	0 36	1 52	1 51	31 25	11 49	21 9	21 0	15 26			n.a.	M13
T 14	23 10	25 50	2 7	16 45	4 8	21 1	1 24	24 29	1 13	18 19	1 11	9 0	2 15	22 27	0 36	1 52	1 51	31 24	11 49	21 9	20 59	15 24			n.a.	T 14
W15	23 15	26 27	3 8	16 55	4 0	20 43	1 19	24 25	1 13	18 19	1 11	9 2	2 15	22 28	0 36	1 52	1 51	31 24	11 48	21 9	20 59	15 21			n.a.	W15
T 16	23 19	25 43	3 58	17 6	3 51	20 24	1 15	24 22	1 13	18 20	1 11	9 4	2 15	22 28	0 36	1 51	1 51	31 23	11 48	21 8	20 58	15 19			n.a.	T 16
F 17	23 24	23 46	4 36	17 19	3 41	20 5	1 10	24 18	1 13	18 21	1 11	9 6	2 16	22 28	0 36	1 51	1 51	31 23	11 48	21 8	20 57	15 16			n.a.	F 17
S 18	23 28	20 46	5 1	17 35	3 31	19 46	1 6	24 14	1 12	18 22	1 12	9 8	2 16	22 29	0 36	1 51	1 52	31 22	11 48	21 7	20 57	15 14			n.a.	S 18
S 19	23 31	16 56	5 14	17 51	3 19	19 26	1 1	24 10	1 12	18 23	1 12	9 10	2 16	22 29	0 36	1 51	1 52	31 21	11 48	21 7	20 56	15 11			n.a.	S 19
M20	23 34	12 28	5 12	18 10	3 7	19 7	0 56	24 6	1 12	18 24	1 12	9 12	2 16	22 29	0 36	1 51	1 52	31 21	11 48	21 7	20 56	15 9			n.a.	M20
T 21	23 37	7 32	4 58	18 30	2 55	18 46	0 51	24 2	1 12	18 25	1 13	9 14	2 16	22 30	0 36	1 50	1 52	31 20	11 47	21 6	20 55	15 6			n.a.	T 21
W22	23 39	2 18	4 30	18 51	2 42	18 26	0 45	23 57	1 12	18 26	1 13	9 16	2 16	22 30	0 36	1 50	1 52	31 20	11 47	21 7	20 54	15 4			n.a.	W22
T 23	23 41	3s 7	3 50	19 13	2 29	18 5	0 40	23 53	1 12	18 28	1 13	9 18	2 17	22 30	0 36	1 50	1 52	31 19	11 47	21 7	20 54	15 1			n.a.	T 23
F 24	23 42	8 32	2 58	19 36	2 15	17 44	0 34	23 48	1 12	18 29	1 14	9 19	2 17	22 31	0 36	1 50	1 52	31 19	11 47	21 7	20 53	14 59			n.a.	F 24
S 25	23 43	13 44	1 56	20 0	2 1	17 22	0 28	23 43	1 12	18 30	1 14	9 21	2 17	22 31	0 36	1 50	1 52	31 18	11 47	21 7	20 52	14 56			n.a.	S 25
S 26	23 44	18 29	0 47	20 24	1 47	17 1	0 22	23 37	1 12	18 32	1 14	9 23	2 17	22 32	0 36	1 50	1 52	31 18	11 47	21 8	20 52	14 54			n.a.	S 26
M27	23 44	22 25	0s27	20 49	1 33	16 39	0 16	23 32	1 12	18 33	1 14	9 24	2 17	22 32	0 36	1 50	1 52	31 17	11 47	21 8	20 51	14 51			n.a.	M27
T 28	23 43	25 11	1 41	21 13	1 19	16 17	0 10	23 26	1 12	18 34	1 15	9 26	2 17	22 32	0 36	1 50	1 52	31 16	11 47	21 7	20 50	14 49			n.a.	T 28
W29	23 43	26 24	2 50	21 38	1 5	15 55	0 3	23 21	1 12	18 36	1 15	9 28	2 18	22 33	0 36	1 50	1 52	31 16	11 46	21 7	20 50	14 46			n.a.	W29
T 30	23n42	25s52	3s50	22n 2	0s51	15n33	0s 3	23n15	1n12	18s37	1s15	9n29	2s18	22s33	0s36	1s50	1s52	31n15	11n46	21n 6	20n49	14n44			n.a.	T 30

Julian Day Number = 1623322.5, Delta T = 03h46m13s
Ecliptic obliquity = 23°43'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'43, Lahiri = - 7°39'43 Julian Calendar 1 June 269 BCE == Greg. Calendar 28 May 269 BCE

The year -268 astronomical counting style corresponds to year 269 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

JULY 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 20 4	4♋ 0'15	5♒37	16♊35	18♌56	21♋40	11°R52	0♉10	21°R41	29♓44	2♌34	3°R24	1♊59	4♍40	n.a.	F 1
S 2	18 24 0	4°57'37	20°17	18°11	19°46	22°18	11♒47	0°14	21♑39	29°44	2°36	3♊20	1°56	4°47	n.a.	S 2
S 3	18 27 57	5°55'00	4♓54	19°52	20°35	22°56	11°42	0°19	21°36	29°44	2°38	3°16	1°52	4°54	n.a.	S 3
M 4	18 31 53	6°52'24	19°21	21°36	21°24	23°34	11°37	0°24	21°34	29°44	2°40	3°14	1°49	5° 0	n.a.	M 4
T 5	18 35 50	7°49'50	3♈35	23°24	22°13	24°12	11°32	0°28	21°32	29°44	2°42	3°D13	1°46	5° 7	n.a.	T 5
W 6	18 39 46	8°47'17	17°34	25°14	23° 0	24°50	11°26	0°33	21°29	29°44	2°44	3°13	1°43	5°14	n.a.	W 6
T 7	18 43 43	9°44'46	1♉16	27° 8	23°47	25°28	11°21	0°37	21°27	29°R44	2°45	3°14	1°40	5°21	n.a.	T 7
F 8	18 47 40	10°42'16	14°44	29° 4	24°32	26° 6	11°15	0°42	21°25	29°44	2°47	3°16	1°37	5°27	n.a.	F 8
S 9	18 51 36	11°39'48	27°56	1♋ 2	25°17	26°44	11° 9	0°46	21°22	29°44	2°49	3°R17	1°33	5°34	n.a.	S 9
S 10	18 55 33	12°37'22	10♊56	3° 1	26° 1	27°22	11° 3	0°50	21°20	29°44	2°51	3°16	1°30	5°41	n.a.	S 10
M11	18 59 29	13°34'56	23°43	5° 2	26°44	28° 0	10°57	0°54	21°18	29°44	2°53	3°15	1°27	5°47	n.a.	M11
T 12	19 3 26	14°32'32	6♋19	7° 4	27°27	28°38	10°51	0°58	21°15	29°44	2°55	3°11	1°24	5°54	n.a.	T 12
W13	19 7 22	15°30'10	18°44	9° 6	28° 8	29°16	10°44	1° 2	21°13	29°44	2°57	3° 5	1°21	6° 1	n.a.	W13
T 14	19 11 19	16°27'49	0♌59	11° 9	28°48	29°54	10°38	1° 6	21°11	29°43	2°59	2°58	1°18	6° 8	n.a.	T 14
F 15	19 15 16	17°25'29	13° 5	13°11	29°27	0♌33	10°31	1° 9	21° 8	29°43	3° 1	2°49	1°14	6°14	n.a.	F 15
S 16	19 19 12	18°23'10	25° 4	15°14	0♍ 5	1°11	10°25	1°13	21° 6	29°43	3° 3	2°41	1°11	6°21	n.a.	S 16
S 17	19 23 9	19°20'53	6♍58	17°16	0°42	1°49	10°18	1°17	21° 3	29°43	3° 5	2°34	1° 8	6°28	n.a.	S 17
M18	19 27 5	20°18'37	18°49	19°17	1°18	2°27	10°11	1°20	21° 1	29°42	3° 7	2°27	1° 5	6°35	n.a.	M18
T 19	19 31 2	21°16'22	0♎42	21°18	1°52	3° 5	10° 4	1°23	20°59	29°42	3° 9	2°23	1° 2	6°41	n.a.	T 19
W20	19 34 58	22°14'08	12°39	23°17	2°25	3°44	9°57	1°27	20°56	29°42	3°11	2°21	0°58	6°48	n.a.	W20
T 21	19 38 55	23°11'56	24°47	25°16	2°57	4°22	9°49	1°30	20°54	29°41	3°13	2°D20	0°55	6°55	n.a.	T 21
F 22	19 42 51	24° 9'45	7♏ 9	27°13	3°27	5° 0	9°42	1°33	20°51	29°41	3°15	2°21	0°52	7° 1	n.a.	F 22
S 23	19 46 48	25° 7'35	19°51	29°10	3°56	5°39	9°35	1°36	20°49	29°40	3°17	2°22	0°49	7° 8	n.a.	S 23
S 24	19 50 44	26° 5'27	2♐56	1♌ 5	4°23	6°17	9°27	1°39	20°47	29°40	3°19	2°R23	0°46	7°15	n.a.	S 24
M25	19 54 41	27° 3'20	16°29	2°59	4°49	6°55	9°20	1°41	20°44	29°39	3°21	2°22	0°43	7°22	n.a.	M25
T 26	19 58 38	28° 1'15	0♑30	4°51	5°13	7°34	9°12	1°44	20°42	29°39	3°23	2°19	0°39	7°28	n.a.	T 26
W27	20 2 34	28°59'11	14°56	6°43	5°35	8°12	9° 4	1°46	20°40	29°38	3°25	2°13	0°36	7°35	n.a.	W27
T 28	20 6 31	29°57'09	29°44	8°33	5°55	8°51	8°57	1°49	20°37	29°37	3°27	2° 6	0°33	7°42	n.a.	T 28
F 29	20 10 27	0♌55'08	14♒46	10°21	6°14	9°29	8°49	1°51	20°35	29°37	3°29	1°58	0°30	7°49	n.a.	F 29
S 30	20 14 24	1°53'10	29°51	12° 9	6°31	10° 8	8°41	1°53	20°33	29°36	3°31	1°49	0°27	7°55	n.a.	S 30
S 31	20 18 20	2♌51'13	14♓50	13♌55	6♍46	10♌46	8♒33	1♉56	20♑30	29♓35	3♌33	1♊41	0♊24	8♍ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n40	23s33	4s36	22n25	0s37	15n10	0s10	23n 8	1n12	18s39	1s16	9n31	2s18	22s33	0s36	1s50	1s52	31n15	11n46	21n 5	20n48	14n41		n.a.	F 1
S 2	23 38	19 41	5 4	22 48	0 24	14 47	0 17	23 2	1 12	18 41	1 16	9 32	2 18	22 34	0 36	1 50	1 52	31 14	11 46	21 5	20 48	14 38		n.a.	S 2
S 3	23 36	14 39	5 12	23 9	0 11	14 25	0 25	22 56	1 12	18 42	1 16	9 34	2 18	22 34	0 36	1 50	1 53	31 14	11 46	21 4	20 47	14 36		n.a.	S 3
M 4	23 33	8 51	4 59	23 29	0n 2	14 2	0 32	22 49	1 11	18 44	1 16	9 35	2 19	22 35	0 36	1 50	1 53	31 13	11 46	21 3	20 47	14 33		n.a.	M 4
T 5	23 30	2 40	4 29	23 47	0 14	13 39	0 40	22 42	1 11	18 46	1 17	9 37	2 19	22 35	0 36	1 50	1 53	31 13	11 46	21 3	20 46	14 31		n.a.	T 5
W 6	23 26	3n32	3 43	24 4	0 25	13 16	0 47	22 35	1 11	18 47	1 17	9 38	2 19	22 35	0 36	1 50	1 53	31 12	11 46	21 3	20 45	14 28		n.a.	W 6
T 7	23 22	9 29	2 45	24 18	0 36	12 53	0 55	22 28	1 11	18 49	1 17	9 40	2 19	22 36	0 36	1 50	1 53	31 12	11 46	21 3	20 45	14 26		n.a.	T 7
F 8	23 17	14 52	1 39	24 29	0 46	12 30	1 4	22 21	1 11	18 51	1 17	9 41	2 19	22 36	0 36	1 50	1 53	31 11	11 46	21 4	20 44	14 23		n.a.	F 8
S 9	23 13	19 28	0 29	24 39	0 55	12 7	1 12	22 13	1 11	18 53	1 18	9 42	2 19	22 36	0 36	1 50	1 53	31 11	11 46	21 4	20 43	14 20		n.a.	S 9
S 10	23 7	23 2	0n41	24 46	1 4	11 44	1 20	22 6	1 11	18 55	1 18	9 43	2 20	22 37	0 36	1 50	1 53	31 10	11 46	21 4	20 43	14 18		n.a.	S 10
M11	23 2	25 23	1 49	24 50	1 12	11 21	1 29	21 58	1 11	18 57	1 18	9 45	2 20	22 37	0 36	1 50	1 53	31 10	11 46	21 3	20 42	14 15		n.a.	M11
T 12	22 55	26 24	2 49	24 51	1 19	10 58	1 38	21 50	1 11	18 59	1 18	9 46	2 20	22 38	0 36	1 50	1 53	31 9	11 45	21 3	20 41	14 13		n.a.	T 12
W13	22 49	26 3	3 41	24 50	1 25	10 36	1 47	21 42	1 11	19 1	1 19	9 47	2 20	22 38	0 36	1 50	1 53	31 8	11 45	21 2	20 41	14 10		n.a.	W13
T 14	22 42	24 26	4 21	24 45	1 31	10 13	1 56	21 34	1 10	19 3	1 19	9 48	2 20	22 38	0 36	1 50	1 53	31 8	11 45	21 0	20 40	14 7		n.a.	T 14
F 15	22 35	21 42	4 49	24 39	1 35	9 50	2 6	21 25	1 10	19 5	1 19	9 49	2 21	22 39	0 36	1 51	1 53	31 7	11 45	20 59	20 39	14 5		n.a.	F 15
S 16	22 27	18 5	5 5	24 29	1 39	9 28	2 15	21 17	1 10	19 7	1 19	9 50	2 21	22 39	0 37	1 51	1 53	31 7	11 45	20 57	20 39	14 2		n.a.	S 16
S 17	22 19	13 47	5 6	24 17	1 42	9 6	2 25	21 8	1 10	19 9	1 20	9 51	2 21	22 40	0 37	1 51	1 53	31 6	11 45	20 55	20 38	14 0		n.a.	S 17
M18	22 10	8 59	4 55	24 3	1 44	8 44	2 35	20 59	1 10	19 11	1 20	9 52	2 21	22 40	0 37	1 51	1 54	31 6	11 45	20 54	20 37	13 57		n.a.	M18
T 19	22 1	3 51	4 31	23 46	1 46	8 22	2 45	20 50	1 10	19 13	1 20	9 53	2 22	22 40	0 37	1 51	1 54	31 5	11 45	20 53	20 37	13 54		n.a.	T 19
W20	21 52	1s27	3 55	23 27	1 47	8 1	2 56	20 41	1 10	19 15	1 20	9 54	2 22	22 41	0 37	1 51	1 54	31 5	11 45	20 53	20 36	13 52		n.a.	W20
T 21	21 42	6 48	3 8	23 6	1 47	7 39	3 6	20 32	1 10	19 18	1 20	9 55	2 22	22 41	0 37	1 52	1 54	31 4	11 45	20 53	20 35	13 49		n.a.	T 21
F 22	21 32	12 0	2 11	22 43	1 47	7 18	3 17	20 22	1 9	19 20	1 21	9 56	2 22	22 41	0 37	1 52	1 54	31 4	11 45	20 53	20 35	13 46		n.a.	F 22
S 23	21 22	16 50	1 7	22 18	1 46	6 58	3 28	20 12	1 9	19 22	1 21	9 57	2 22	22 42	0 37	1 52	1 54	31 3	11 45	20 53	20 34	13 44		n.a.	S 23
S 24	21 11	21 3	0s 3	21 52	1 45	6 38	3 39	20 3	1 9	19 24	1 21	9 58	2 23	22 42	0 37	1 52	1 54	31 3	11 45	20 53	20 33	13 41		n.a.	S 24
M25	21 0	24 17	1 15	21 24	1 43	6 18	3 50	19 53	1 9	19 26	1 21	9 58	2 23	22 43	0 37	1 53	1 54	31 2	11 45	20 53	20 33	13 38		n.a.	M25
T 26	20 48	26 8	2 25	20 54	1 40	5 59	4 1	19 43	1 9	19 29	1 21	9 59	2 23	22 43	0 37	1 53	1 54	31 2	11 45	20 52	20 32	13 36		n.a.	T 26
W27	20 37	26 19	3 27	20 23	1 37	5 40	4 12	19 32	1 9	19 31	1 21	10 0	2 23	22 43	0 37	1 53	1 54	31 1	11 46	20 51	20 31	13 33		n.a.	W27
T 28	20 24	24 38	4 17	19 51	1 34	5 22	4 24	19 22	1 9	19 33	1 22	10 0	2 24	22 44	0 37	1 54	1 54	31 1	11 46	20 50	20 31	13 30		n.a.	T 28
F 29	20 12	21 13	4 50	19 18	1 30	5 4	4 36	19 11	1 8	19 35	1 22	10 1	2 24	22 44	0 37	1 54	1 54	31 1	11 46	20 48	20 30	13 28		n.a.	F 29
S 30	19 59	16 23	5 4	18 44	1 26	4 47	4 47	19 1	1 8	19 37	1 22	10 2	2 24	22 44	0 37	1 54	1 54	31 0	11 46	20 46	20 29	13 25		n.a.	S 30
S 31	19n45	10s35	4s56	18n 9	1n21	4n31	4s59	18n50	1n 8	19s40	1s22	10n 2	2s24	22s45	0s37	1s55	1s54	31n 0	11n46	20n45	20n29	13n22		n.a.	S 31

Julian Day Number = 1623352.5, Delta T = 03h46m12s
Ecliptic obliquity = 23°43'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'39, Lahiri = - 7°39'39 Julian Calendar 1 July 269 BCE == Greg. Calendar 27 June 269 BCE

The year -268 astronomical counting style corresponds to year 269 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

AUGUST 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 22 17	3♌49'18	29♓35	15♌40	6♍59	11♌25	8°R25	1♉58	20°R28	29°R35	3♌35	1°R34	0♊20	8♍ 9	n.a.	M 1
T 2	20 26 14	4°47'25	14♈ 0	17°24	7°10	12° 3	8♒17	2° 0	20♑26	29♓34	3°37	1♊31	0°17	8°15	n.a.	T 2
W 3	20 30 10	5°45'34	28° 2	19° 6	7°18	12°42	8° 9	2° 1	20°23	29°33	3°39	1°29	0°14	8°22	n.a.	W 3
T 4	20 34 7	6°43'46	11♉41	20°47	7°25	13°20	8° 2	2° 3	20°21	29°32	3°41	1°D29	0°11	8°29	n.a.	T 4
F 5	20 38 3	7°41'59	24°58	22°27	7°29	13°59	7°54	2° 5	20°19	29°31	3°43	1°R29	0° 8	8°36	n.a.	F 5
S 6	20 42 0	8°40'15	7♊57	24° 6	7°R31	14°38	7°46	2° 6	20°17	29°30	3°45	1°29	0° 4	8°42	n.a.	S 6
S 7	20 45 56	9°38'33	20°40	25°44	7°31	15°17	7°38	2° 8	20°14	29°29	3°47	1°27	0° 1	8°49	n.a.	S 7
M 8	20 49 53	10°36'53	3♋11	27°20	7°29	15°55	7°30	2° 9	20°12	29°28	3°49	1°23	29♉58	8°56	n.a.	M 8
T 9	20 53 49	11°35'16	15°31	28°55	7°24	16°34	7°22	2°10	20°10	29°27	3°51	1°17	29°55	9° 2	n.a.	T 9
W10	20 57 46	12°33'40	27°43	0♍30	7°17	17°13	7°14	2°11	20° 8	29°26	3°53	1° 7	29°52	9° 9	n.a.	W10
T 11	21 1 43	13°32'06	9♌48	2° 3	7° 7	17°52	7° 6	2°12	20° 6	29°25	3°55	0°55	29°49	9°16	n.a.	T 11
F 12	21 5 39	14°30'34	21°47	3°35	6°56	18°30	6°58	2°13	20° 4	29°24	3°57	0°42	29°45	9°23	n.a.	F 12
S 13	21 9 36	15°29'04	3♍42	5° 5	6°41	19° 9	6°50	2°14	20° 1	29°23	3°59	0°28	29°42	9°29	n.a.	S 13
S 14	21 13 32	16°27'36	15°33	6°35	6°25	19°48	6°43	2°14	19°59	29°22	4° 1	0°15	29°39	9°36	n.a.	S 14
M15	21 17 29	17°26'10	27°24	8° 4	6° 6	20°27	6°35	2°15	19°57	29°21	4° 3	0° 5	29°36	9°43	n.a.	M15
T 16	21 21 25	18°24'46	9♎15	9°31	5°45	21° 6	6°27	2°15	19°55	29°20	4° 5	29♉56	29°33	9°50	n.a.	T 16
W17	21 25 22	19°23'24	21°12	10°57	5°22	21°45	6°20	2°15	19°53	29°19	4° 7	29°51	29°30	9°56	n.a.	W17
T 18	21 29 18	20°22'03	3♏17	12°22	4°56	22°24	6°12	2°16	19°51	29°17	4° 9	29°48	29°26	10° 3	n.a.	T 18
F 19	21 33 15	21°20'44	15°36	13°46	4°29	23° 3	6° 5	2°R16	19°49	29°16	4°11	29°47	29°23	10°10	n.a.	F 19
S 20	21 37 11	22°19'27	28°13	15° 8	4° 0	23°42	5°58	2°16	19°47	29°15	4°13	29°47	29°20	10°16	n.a.	S 20
S 21	21 41 8	23°18'12	11♐13	16°30	3°29	24°21	5°50	2°15	19°46	29°14	4°15	29°46	29°17	10°23	n.a.	S 21
M22	21 45 5	24°16'59	24°41	17°50	2°57	25° 0	5°43	2°15	19°44	29°12	4°17	29°45	29°14	10°30	n.a.	M22
T 23	21 49 1	25°15'48	8♑38	19° 8	2°23	25°39	5°36	2°15	19°42	29°11	4°19	29°41	29°10	10°37	n.a.	T 23
W24	21 52 58	26°14'38	23° 5	20°25	1°48	26°18	5°29	2°14	19°40	29°10	4°21	29°34	29° 7	10°43	n.a.	W24
T 25	21 56 54	27°13'30	7♒58	21°41	1°13	26°58	5°22	2°14	19°38	29° 8	4°23	29°25	29° 4	10°50	n.a.	T 25
F 26	22 0 51	28°12'25	23°10	22°55	0°37	27°37	5°16	2°13	19°37	29° 7	4°25	29°14	29° 1	10°57	n.a.	F 26
S 27	22 4 47	29°11'21	8♓30	24° 8	29♌59	28°16	5° 9	2°12	19°35	29° 6	4°26	29° 3	28°58	11° 3	n.a.	S 27
S 28	22 8 44	0♍10'20	23°46	25°19	29°23	28°55	5° 3	2°11	19°33	29° 4	4°28	28°53	28°55	11°10	n.a.	S 28
M29	22 12 40	1° 9'20	8♈49	26°28	28°46	29°35	4°56	2°10	19°32	29° 3	4°30	28°44	28°51	11°17	n.a.	M29
T 30	22 16 37	2° 8'23	23°29	27°35	28°10	0♍14	4°50	2° 9	19°30	29° 1	4°32	28°39	28°48	11°24	n.a.	T 30
W31	22 20 34	3♍ 7'29	7♉41	28♍39	27♌34	0♍53	4♒44	2♉ 8	19♑29	29♓ 0	4♌34	28♉36	28♉45	11♍30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	19n32	4s16	4s29	17n33	1n16	4n15	5s11	18n39	1n 8	19s42	1s22	10n 3	2s24	22s45	0s37	1s55	1s54	30n59	11n46	20n44	20n28	13n20			n.a.
T 2	19 18	2n 8	3 45	16 56	1 11	4 0	5 23	18 28	1 8	19 44	1 22	10 3	2 25	22 45	0 37	1 55	1 54	30 59	11 46	20 43	20 27	13 17			n.a.
W 3	19 4	8 17	2 48	16 19	1 5	3 45	5 35	18 17	1 8	19 46	1 22	10 3	2 25	22 46	0 37	1 56	1 55	30 58	11 46	20 42	20 27	13 14			n.a.
T 4	18 49	13 53	1 43	15 41	1 0	3 32	5 47	18 6	1 7	19 49	1 23	10 4	2 25	22 46	0 37	1 56	1 55	30 58	11 46	20 42	20 26	13 12			n.a.
F 5	18 34	18 41	0 35	15 2	0 53	3 19	5 58	17 54	1 7	19 51	1 23	10 4	2 25	22 46	0 37	1 57	1 55	30 57	11 46	20 42	20 25	13 9			n.a.
S 6	18 19	22 28	0n34	14 23	0 47	3 8	6 10	17 43	1 7	19 53	1 23	10 4	2 26	22 47	0 37	1 57	1 55	30 57	11 46	20 42	20 25	13 6			n.a.
S 7	18 3	25 4	1 40	13 44	0 41	2 57	6 22	17 31	1 7	19 55	1 23	10 5	2 26	22 47	0 37	1 57	1 55	30 57	11 46	20 42	20 24	13 4			n.a.
M 8	17 47	26 21	2 40	13 4	0 34	2 47	6 34	17 19	1 7	19 57	1 23	10 5	2 26	22 47	0 37	1 58	1 55	30 56	11 46	20 41	20 23	13 1			n.a.
T 9	17 31	26 18	3 31	12 25	0 27	2 38	6 45	17 7	1 7	19 59	1 23	10 5	2 26	22 48	0 37	1 58	1 55	30 56	11 47	20 40	20 23	12 58			n.a.
W10	17 14	24 59	4 12	11 44	0 20	2 30	6 56	16 55	1 6	20 1	1 23	10 5	2 26	22 48	0 37	1 59	1 55	30 55	11 47	20 38	20 22	12 56			n.a.
T 11	16 58	22 30	4 41	11 4	0 13	2 24	7 7	16 43	1 6	20 4	1 23	10 5	2 27	22 48	0 37	1 59	1 55	30 55	11 47	20 35	20 21	12 53			n.a.
F 12	16 41	19 5	4 57	10 24	0 5	2 18	7 18	16 30	1 6	20 6	1 23	10 5	2 27	22 49	0 36	2 0	1 55	30 55	11 47	20 33	20 21	12 50			n.a.
S 13	16 23	14 55	5 0	9 43	0s 2	2 14	7 28	16 18	1 6	20 8	1 23	10 5	2 27	22 49	0 36	2 0	1 55	30 54	11 47	20 30	20 20	12 47			n.a.
S 14	16 6	10 12	4 50	9 3	0 10	2 11	7 38	16 5	1 6	20 10	1 23	10 5	2 27	22 49	0 36	2 1	1 55	30 54	11 47	20 27	20 19	12 45			n.a.
M15	15 48	5 8	4 27	8 23	0 18	2 9	7 48	15 53	1 5	20 12	1 23	10 5	2 28	22 50	0 36	2 1	1 55	30 53	11 47	20 25	20 19	12 42			n.a.
T 16	15 30	0s 9	3 53	7 42	0 25	2 8	7 57	15 40	1 5	20 14	1 23	10 5	2 28	22 50	0 36	2 2	1 55	30 53	11 47	20 23	20 18	12 39			n.a.
W17	15 11	5 27	3 9	7 2	0 33	2 8	8 5	15 27	1 5	20 16	1 23	10 5	2 28	22 50	0 36	2 2	1 55	30 53	11 48	20 22	20 17	12 36			n.a.
T 18	14 52	10 39	2 15	6 22	0 41	2 10	8 13	15 14	1 5	20 18	1 23	10 5	2 28	22 50	0 36	2 3	1 55	30 52	11 48	20 21	20 16	12 34			n.a.
F 19	14 33	15 31	1 14	5 42	0 49	2 13	8 20	15 1	1 5	20 20	1 23	10 5	2 29	22 51	0 36	2 3	1 55	30 52	11 48	20 21	20 16	12 31			n.a.
S 20	14 14	19 52	0 8	5 3	0 57	2 18	8 27	14 48	1 4	20 21	1 23	10 5	2 29	22 51	0 36	2 4	1 55	30 52	11 48	20 21	20 15	12 28			n.a.
S 21	13 55	23 23	1s 0	4 24	1 5	2 23	8 32	14 34	1 4	20 23	1 24	10 4	2 29	22 51	0 36	2 4	1 55	30 51	11 48	20 21	20 14	12 25			n.a.
M22	13 35	25 45	2 7	3 45	1 13	2 30	8 37	14 21	1 4	20 25	1 24	10 4	2 29	22 52	0 36	2 5	1 55	30 51	11 49	20 20	20 14	12 23			n.a.
T 23	13 15	26 36	3 10	3 6	1 21	2 38	8 42	14 7	1 4	20 27	1 23	10 4	2 29	22 52	0 36	2 5	1 56	30 51	11 49	20 20	20 13	12 20			n.a.
W24	12 55	25 42	4 2	2 29	1 29	2 47	8 45	13 53	1 3	20 28	1 23	10 3	2 30	22 52	0 36	2 6	1 56	30 50	11 49	20 18	20 12	12 17			n.a.
T 25	12 35	22 59	4 40	1 51	1 37	2 58	8 47	13 40	1 3	20 30	1 23	10 3	2 30	22 52	0 36	2 7	1 56	30 50	11 49	20 16	20 12	12 14			n.a.
F 26	12 14	18 39	4 58	1 14	1 45	3 9	8 48	13 26	1 3	20 32	1 23	10 3	2 30	22 53	0 36	2 7	1 56	30 50	11 49	20 14	20 11	12 12			n.a.
S 27	11 54	13 3	4 56	0 38	1 53	3 21	8 49	13 12	1 3	20 33	1 23	10 2	2 30	22 53	0 36	2 8	1 56	30 50	11 50	20 11	20 10	12 9			n.a.
S 28	11 33	6 40	4 32	0 3	2 0	3 35	8 48	12 58	1 2	20 35	1 23	10 2	2 31	22 53	0 36	2 8	1 56	30 49	11 50	20 9	20 9	12 6			n.a.
M29	11 12	0n 1	3 50	0s32	2 8	3 49	8 47	12 44	1 2	20 37	1 23	10 1	2 31	22 53	0 36	2 9	1 56	30 49	11 50	20 7	20 9	12 3			n.a.
T 30	10 50	6 32	2 54	1 6	2 15	4 3	8 44	12 29	1 2	20 38	1 23	10 0	2 31	22 53	0 36	2 10	1 56	30 49	11 50	20 6	20 8	12 0			n.a.
W31	10n29	12n33	1s48	1s38	2s23	4n19	8s41	12n15	1n 2	20s39	1s23	10n 0	2s31	22s54	0s36	2s10	1s56	30n49	11n50	20n 5	20n 7	11n58			n.a.

Julian Day Number = 1623383.5, Delta T = 03h46m11s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'35, Lahiri = - 7°39'35 Julian Calendar 1 Aug. 269 BCE == Greg. Calendar 28 July 269 BCE

The year -268 astronomical counting style corresponds to year 269 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

SEPTEMBER 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 24 30	4♍ 6'37	21♉26	29♍42	26°R59	1♍33	4°R38	2°R 7	19°R27	28°R58	4♌36	28°R35	28♉42	11♍37	n.a.	T 1
F 2	22 28 27	5° 5'47	4♊45	0♎42	26♌25	2°12	4♒32	2♉ 5	19♂26	28♓57	4°37	28♉34	28°39	11°44	n.a.	F 2
S 3	22 32 23	6° 5'00	17°40	1°40	25°52	2°52	4°26	2° 3	19°24	28°55	4°39	28°34	28°36	11°51	n.a.	S 3
S 4	22 36 20	7° 4'16	0♋16	2°35	25°21	3°31	4°21	2° 2	19°23	28°54	4°41	28°32	28°32	11°57	n.a.	S 4
M 5	22 40 16	8° 3'33	12°38	3°26	24°51	4°11	4°15	2° 0	19°22	28°52	4°43	28°28	28°29	12° 4	n.a.	M 5
T 6	22 44 13	9° 2'53	24°48	4°14	24°23	4°50	4°10	1°58	19°20	28°51	4°45	28°21	28°26	12°11	n.a.	T 6
W 7	22 48 9	10° 2'16	6♌50	4°59	23°57	5°30	4° 5	1°56	19°19	28°49	4°46	28°11	28°23	12°17	n.a.	W 7
T 8	22 52 6	11° 1'41	18°48	5°39	23°33	6° 9	4° 0	1°54	19°18	28°48	4°48	27°59	28°20	12°24	n.a.	T 8
F 9	22 56 2	12° 1'08	0♍41	6°15	23°12	6°49	3°56	1°52	19°17	28°46	4°50	27°45	28°16	12°31	n.a.	F 9
S 10	22 59 59	13° 0'37	12°33	6°46	22°52	7°29	3°51	1°50	19°16	28°44	4°51	27°31	28°13	12°38	n.a.	S 10
S 11	23 3 56	14° 0'08	24°25	7°12	22°35	8° 8	3°47	1°47	19°14	28°43	4°53	27°18	28°10	12°44	n.a.	S 11
M12	23 7 52	14°59'41	6♎18	7°32	22°20	8°48	3°42	1°45	19°13	28°41	4°55	27° 6	28° 7	12°51	n.a.	M12
T 13	23 11 49	15°59'16	18°13	7°45	22° 7	9°28	3°38	1°42	19°12	28°39	4°56	26°57	28° 4	12°58	n.a.	T 13
W14	23 15 45	16°58'54	0♏13	7°R52	21°57	10° 8	3°35	1°39	19°11	28°38	4°58	26°51	28° 1	13° 4	n.a.	W14
T 15	23 19 42	17°58'33	12°22	7°51	21°50	10°48	3°31	1°37	19°11	28°36	5° 0	26°48	27°57	13°11	n.a.	T 15
F 16	23 23 38	18°58'14	24°41	7°43	21°45	11°27	3°28	1°34	19°10	28°35	5° 1	26°D47	27°54	13°18	n.a.	F 16
S 17	23 27 35	19°57'57	7♐17	7°26	21°42	12° 7	3°24	1°31	19° 9	28°33	5° 3	26°47	27°51	13°25	n.a.	S 17
S 18	23 31 31	20°57'42	20°13	7° 1	21°D41	12°47	3°21	1°28	19° 8	28°31	5° 4	26°R48	27°48	13°31	n.a.	S 18
M19	23 35 28	21°57'29	3♑33	6°27	21°43	13°27	3°18	1°24	19° 7	28°30	5° 6	26°47	27°45	13°38	n.a.	M19
T 20	23 39 25	22°57'18	17°20	5°44	21°48	14° 7	3°16	1°21	19° 7	28°28	5° 7	26°45	27°41	13°45	n.a.	T 20
W21	23 43 21	23°57'08	1♒36	4°53	21°54	14°47	3°13	1°18	19° 6	28°26	5° 9	26°40	27°38	13°51	n.a.	W21
T 22	23 47 18	24°57'00	16°18	3°54	22° 3	15°27	3°11	1°14	19° 6	28°25	5°10	26°33	27°35	13°58	n.a.	T 22
F 23	23 51 14	25°56'54	1♓22	2°48	22°14	16° 7	3° 9	1°11	19° 5	28°23	5°12	26°24	27°32	14° 5	n.a.	F 23
S 24	23 55 11	26°56'50	16°39	1°37	22°27	16°47	3° 7	1° 7	19° 5	28°21	5°13	26°15	27°29	14°12	n.a.	S 24
S 25	23 59 7	27°56'47	1♈57	0°22	22°43	17°28	3° 5	1° 4	19° 4	28°19	5°14	26° 6	27°26	14°18	n.a.	S 25
M26	0 3 4	28°56'47	17° 6	29♍ 6	23° 0	18° 8	3° 4	1° 0	19° 4	28°18	5°16	25°59	27°22	14°25	n.a.	M26
T 27	0 7 0	29°56'49	1♉56	27°50	23°20	18°48	3° 2	0°56	19° 4	28°16	5°17	25°54	27°19	14°32	n.a.	T 27
W28	0 10 57	0♎56'53	16°20	26°37	23°41	19°28	3° 1	0°52	19° 3	28°14	5°18	25°52	27°16	14°38	n.a.	W28
T 29	0 14 53	1°56'59	0♊15	25°29	24° 4	20° 9	3° 0	0°48	19° 3	28°13	5°20	25°D52	27°13	14°45	n.a.	T 29
F 30	0 18 50	2♎57'08	13♊42	24♍29	24♌29	20♍49	3♒ 0	0♉44	19♂ 3	28♓11	5♌21	25♉52	27♉10	14♍52	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n 7	17n44	0s38	2s10	2s30	4n34	8s37	12n 1	1n 2	20s41	1s23	9n59	2s31	22s54	0s36	2s11	1s56	30n48	11n51	20n 5	20n 7	11n55		n.a.
F 2	9 45	21 53	0n33	2 40	2 37	4 51	8 31	11 46	1 1	20 42	1 23	9 58	2 32	22 54	0 36	2 12	1 56	30 48	11 51	20 5	20 6	11 52		n.a.
S 3	9 23	24 48	1 39	3 10	2 43	5 7	8 25	11 31	1 1	20 44	1 23	9 58	2 32	22 54	0 36	2 12	1 56	30 48	11 51	20 5	20 5	11 49		n.a.
S 4	9 1	26 23	2 39	3 37	2 50	5 24	8 18	11 17	1 1	20 45	1 23	9 57	2 32	22 54	0 36	2 13	1 56	30 48	11 51	20 5	20 5	11 46		n.a.
M 5	8 39	26 37	3 30	4 4	2 55	5 41	8 11	11 2	1 0	20 46	1 23	9 56	2 32	22 55	0 36	2 13	1 56	30 47	11 52	20 4	20 4	11 44		n.a.
T 6	8 16	25 32	4 11	4 28	3 1	5 58	8 3	10 47	1 0	20 47	1 23	9 55	2 32	22 55	0 36	2 14	1 56	30 47	11 52	20 2	20 3	11 41		n.a.
W 7	7 54	23 18	4 40	4 51	3 6	6 15	7 54	10 32	1 0	20 48	1 23	9 54	2 33	22 55	0 36	2 15	1 56	30 47	11 52	20 0	20 2	11 38		n.a.
T 8	7 31	20 3	4 56	5 11	3 11	6 32	7 44	10 17	1 0	20 49	1 23	9 53	2 33	22 55	0 36	2 15	1 56	30 47	11 52	19 57	20 2	11 35		n.a.
F 9	7 8	16 1	5 0	5 29	3 15	6 48	7 34	10 2	0 59	20 50	1 23	9 53	2 33	22 55	0 36	2 16	1 56	30 47	11 53	19 54	20 1	11 32		n.a.
S 10	6 45	11 23	4 50	5 45	3 18	7 4	7 23	9 47	0 59	20 51	1 22	9 52	2 33	22 55	0 36	2 17	1 56	30 46	11 53	19 51	20 0	11 30		n.a.
S 11	6 22	6 20	4 28	5 57	3 21	7 20	7 12	9 31	0 59	20 52	1 22	9 51	2 33	22 55	0 36	2 17	1 56	30 46	11 53	19 48	20 0	11 27		n.a.
M12	5 59	1 3	3 54	6 7	3 23	7 36	7 1	9 16	0 59	20 53	1 22	9 50	2 34	22 56	0 36	2 18	1 56	30 46	11 54	19 45	19 59	11 24		n.a.
T 13	5 36	4s19	3 9	6 13	3 23	7 51	6 49	9 1	0 58	20 54	1 22	9 48	2 34	22 56	0 36	2 19	1 56	30 46	11 54	19 43	19 58	11 21		n.a.
W14	5 12	9 34	2 16	6 16	3 23	8 5	6 38	8 45	0 58	20 55	1 22	9 47	2 34	22 56	0 36	2 19	1 56	30 46	11 54	19 41	19 57	11 18		n.a.
T 15	4 49	14 32	1 16	6 14	3 22	8 19	6 25	8 30	0 58	20 56	1 22	9 46	2 34	22 56	0 36	2 20	1 56	30 46	11 55	19 41	19 57	11 15		n.a.
F 16	4 25	18 59	0 11	6 8	3 19	8 33	6 13	8 14	0 57	20 56	1 22	9 45	2 34	22 56	0 36	2 21	1 56	30 46	11 55	19 40	19 56	11 13		n.a.
S 17	4 1	22 42	0s56	5 58	3 15	8 45	6 1	7 58	0 57	20 57	1 22	9 44	2 34	22 56	0 36	2 21	1 56	30 46	11 55	19 41	19 55	11 10		n.a.
S 18	3 37	25 23	2 1	5 42	3 9	8 57	5 48	7 43	0 57	20 58	1 21	9 43	2 35	22 56	0 36	2 22	1 56	30 45	11 55	19 41	19 54	11 7		n.a.
M19	3 14	26 43	3 3	5 22	3 2	9 9	5 35	7 27	0 56	20 58	1 21	9 41	2 35	22 56	0 36	2 23	1 56	30 45	11 56	19 40	19 54	11 4		n.a.
T 20	2 50	26 29	3 55	4 56	2 52	9 19	5 23	7 11	0 56	20 59	1 21	9 40	2 35	22 56	0 36	2 24	1 56	30 45	11 56	19 40	19 53	11 1		n.a.
W21	2 26	24 31	4 36	4 25	2 41	9 29	5 10	6 55	0 56	20 59	1 21	9 39	2 35	22 56	0 36	2 24	1 56	30 45	11 56	19 39	19 52	10 58		n.a.
T 22	2 2	20 53	4 59	3 50	2 28	9 38	4 57	6 39	0 55	21 0	1 21	9 38	2 35	22 57	0 36	2 25	1 56	30 45	11 57	19 37	19 52	10 55		n.a.
F 23	1 38	15 49	5 3	3 9	2 13	9 47	4 45	6 23	0 55	21 0	1 21	9 36	2 35	22 57	0 36	2 26	1 56	30 45	11 57	19 35	19 51	10 53		n.a.
S 24	1 14	9 42	4 45	2 25	1 56	9 54	4 32	6 7	0 55	21 0	1 21	9 35	2 35	22 57	0 36	2 26	1 56	30 45	11 58	19 33	19 50	10 50		n.a.
S 25	0 50	2 59	4 7	1 39	1 38	10 1	4 20	5 51	0 55	21 0	1 20	9 33	2 36	22 57	0 36	2 27	1 56	30 45	11 58	19 31	19 49	10 47		n.a.
M26	0 25	3n51	3 12	0 50	1 18	10 7	4 7	5 35	0 54	21 1	1 20	9 32	2 36	22 57	0 36	2 28	1 56	30 45	11 58	19 29	19 49	10 44		n.a.
T 27	0 1	10 21	2 5	0 1	0 58	10 13	3 55	5 18	0 54	21 1	1 20	9 31	2 36	22 57	0 36	2 28	1 56	30 45	11 59	19 28	19 48	10 41		n.a.
W28	0s23	16 7	0 51	0n47	0 38	10 17	3 43	5 2	0 54	21 1	1 20	9 29	2 36	22 57	0 36	2 29	1 56	30 45	11 59	19 27	19 47	10 38		n.a.
T 29	0 47	20 50	0n24	1 33	0 17	10 21	3 31	4 46	0 53	21 1	1 20	9 28	2 36	22 57	0 36	2 30	1 56	30 45	11 59	19 27	19 46	10 35		n.a.
F 30	1s11	24n17	1n34	2n16	0n 3	10n23	3s19	4n29	0n53	21s 1	1s20	9n26	2s36	22s57	0s36	2s30	1s56	30n45	12n 0	19n28	19n46	10n32		n.a.

Julian Day Number = 1623414.5, Delta T = 03h46m10s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'31, Lahiri = - 7°39'30 Julian Calendar 1 Sept. 269 BCE == Greg. Calendar 28 Aug. 269 BCE

The year -268 astronomical counting style corresponds to year 269 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

OCTOBER 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 22 47	3♎57'18	26♊42	23°R38	24♌56	21♍29	2°R59	0°R40	19°R 3	28°R 9	5♌22	25♉53	27♉ 7	14♍59	n.a.	S 1
S 2	0 26 43	4°57'31	9♋20	22♍57	25°24	22°10	2♒59	0♉36	19♂ 3	28♓ 8	5°23	25°R54	27° 3	15° 5	n.a.	S 2
M 3	0 30 40	5°57'46	21°41	22°28	25°54	22°50	2°D59	0°32	19°D 3	28° 6	5°24	25°52	27° 0	15°12	n.a.	M 3
T 4	0 34 36	6°58'04	3♌48	22°10	26°26	23°31	2°59	0°28	19° 3	28° 4	5°26	25°48	26°57	15°19	n.a.	T 4
W 5	0 38 33	7°58'23	15°46	22°D 3	26°59	24°11	2°59	0°23	19° 3	28° 3	5°27	25°43	26°54	15°25	n.a.	W 5
T 6	0 42 29	8°58'44	27°39	22° 8	27°33	24°52	3° 0	0°19	19° 3	28° 1	5°28	25°35	26°51	15°32	n.a.	T 6
F 7	0 46 26	9°59'07	9♍31	22°24	28° 9	25°32	3° 1	0°14	19° 3	27°59	5°29	25°26	26°47	15°39	n.a.	F 7
S 8	0 50 22	10°59'33	21°22	22°50	28°46	26°13	3° 2	0°10	19° 3	27°58	5°30	25°17	26°44	15°46	n.a.	S 8
S 9	0 54 19	12° 0'00	3♎16	23°25	29°25	26°53	3° 3	0° 5	19° 4	27°56	5°31	25° 9	26°41	15°52	n.a.	S 9
M10	0 58 16	13° 0'28	15°15	24° 8	0♍ 5	27°34	3° 4	0° 1	19° 4	27°54	5°32	25° 1	26°38	15°59	n.a.	M10
T 11	1 2 12	14° 0'59	27°18	24°58	0°46	28°15	3° 6	29♈56	19° 4	27°53	5°33	24°56	26°35	16° 6	n.a.	T 11
W12	1 6 9	15° 1'31	9♏29	25°55	1°28	28°56	3° 7	29°51	19° 5	27°51	5°34	24°52	26°32	16°12	n.a.	W12
T 13	1 10 5	16° 2'05	21°48	26°58	2°11	29°36	3° 9	29°47	19° 5	27°50	5°35	24°D51	26°28	16°19	n.a.	T 13
F 14	1 14 2	17° 2'40	4♐18	28° 6	2°55	0♎17	3°12	29°42	19° 6	27°48	5°36	24°51	26°25	16°26	n.a.	F 14
S 15	1 17 58	18° 3'17	17° 2	29°18	3°40	0°58	3°14	29°37	19° 7	27°47	5°37	24°53	26°22	16°33	n.a.	S 15
S 16	1 21 55	19° 3'56	0♑ 1	0♎34	4°27	1°39	3°17	29°32	19° 7	27°45	5°37	24°54	26°19	16°39	n.a.	S 16
M17	1 25 51	20° 4'35	13°20	1°52	5°14	2°20	3°19	29°27	19° 8	27°43	5°38	24°56	26°16	16°46	n.a.	M17
T 18	1 29 48	21° 5'16	26°59	3°14	6° 2	3° 1	3°22	29°22	19° 9	27°42	5°39	24°R56	26°13	16°53	n.a.	T 18
W19	1 33 45	22° 5'58	11♒ 2	4°37	6°51	3°42	3°25	29°18	19°10	27°40	5°40	24°54	26° 9	17° 0	n.a.	W19
T 20	1 37 41	23° 6'41	25°26	6° 3	7°41	4°23	3°29	29°13	19°10	27°39	5°40	24°51	26° 6	17° 6	n.a.	T 20
F 21	1 41 38	24° 7'25	10♓ 9	7°30	8°31	5° 4	3°32	29° 8	19°11	27°37	5°41	24°47	26° 3	17°13	n.a.	F 21
S 22	1 45 34	25° 8'11	25° 5	8°58	9°23	5°45	3°36	29° 3	19°12	27°36	5°42	24°43	26° 0	17°20	n.a.	S 22
S 23	1 49 31	26° 8'57	10♈ 6	10°28	10°15	6°26	3°40	28°58	19°13	27°35	5°42	24°39	25°57	17°26	n.a.	S 23
M24	1 53 27	27° 9'45	25° 3	11°58	11° 8	7° 7	3°44	28°53	19°14	27°33	5°43	24°35	25°53	17°33	n.a.	M24
T 25	1 57 24	28°10'35	9♉48	13°29	12° 2	7°48	3°48	28°48	19°15	27°32	5°44	24°33	25°50	17°40	n.a.	T 25
W26	2 1 20	29°11'26	24°13	15° 1	12°56	8°30	3°53	28°43	19°17	27°30	5°44	24°D33	25°47	17°46	n.a.	W26
T 27	2 5 17	0♏12'18	8♊14	16°33	13°51	9°11	3°58	28°38	19°18	27°29	5°45	24°33	25°44	17°53	n.a.	T 27
F 28	2 9 14	1°13'12	21°48	18° 5	14°47	9°52	4° 2	28°33	19°19	27°28	5°45	24°34	25°41	18° 0	n.a.	F 28
S 29	2 13 10	2°14'07	4♋56	19°38	15°43	10°34	4° 8	28°28	19°20	27°26	5°45	24°36	25°38	18° 7	n.a.	S 29
S 30	2 17 7	3°15'04	17°41	21°11	16°40	11°15	4°13	28°23	19°22	27°25	5°46	24°37	25°34	18°13	n.a.	S 30
M31	2 21 3	4♏16'02	0♌ 5	22♎44	17♍37	11♎56	4♒18	28♈18	19♂23	27♓24	5♌46	24°R38	25♉31	18♍20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s35	26n19	2n38	2n54	0n22	10n26	3s 8	4n13	0n52	21s 1	1s20	9n25	2s36	22s57	0s36	2s31	1s56	30n45	12n 0	19n28	19n45	10n30		n.a.
S 2	2 0	26 55	3 32	3 27	0 41	10 27	2 56	3 57	0 52	21 1	1 19	9 23	2 36	22 57	0 36	2 32	1 56	30 45	12 0	19 28	19 44	10 27		n.a.
M 3	2 24	26 9	4 15	3 54	0 57	10 27	2 45	3 40	0 52	21 1	1 19	9 21	2 36	22 57	0 36	2 32	1 56	30 45	12 1	19 27	19 43	10 24		n.a.
T 4	2 48	24 9	4 45	4 15	1 12	10 27	2 34	3 24	0 51	21 1	1 19	9 20	2 36	22 57	0 36	2 33	1 56	30 45	12 1	19 27	19 43	10 21		n.a.
W 5	3 12	21 6	5 3	4 30	1 26	10 26	2 23	3 7	0 51	21 0	1 19	9 18	2 36	22 57	0 36	2 34	1 56	30 45	12 2	19 25	19 42	10 18		n.a.
T 6	3 36	17 13	5 7	4 39	1 37	10 24	2 12	2 50	0 51	21 0	1 19	9 17	2 37	22 57	0 35	2 34	1 56	30 45	12 2	19 23	19 41	10 15		n.a.
F 7	4 0	12 41	4 58	4 41	1 47	10 21	2 2	2 34	0 50	21 0	1 19	9 15	2 37	22 56	0 35	2 35	1 56	30 46	12 2	19 21	19 41	10 12		n.a.
S 8	4 24	7 41	4 36	4 39	1 55	10 18	1 52	2 17	0 50	20 59	1 18	9 13	2 37	22 56	0 35	2 36	1 56	30 46	12 3	19 19	19 40	10 9		n.a.
S 9	4 48	2 23	4 3	4 31	2 2	10 14	1 42	2 0	0 50	20 59	1 18	9 12	2 37	22 56	0 35	2 36	1 56	30 46	12 3	19 17	19 39	10 6		n.a.
M10	5 12	3s 2	3 18	4 18	2 7	10 9	1 32	1 44	0 49	20 58	1 18	9 10	2 37	22 56	0 35	2 37	1 56	30 46	12 4	19 15	19 38	10 3		n.a.
T 11	5 36	8 24	2 24	4 1	2 11	10 4	1 22	1 27	0 49	20 58	1 18	9 8	2 37	22 56	0 35	2 38	1 56	30 46	12 4	19 14	19 38	10 0		n.a.
W12	5 59	13 31	1 23	3 41	2 14	9 57	1 13	1 10	0 48	20 57	1 18	9 7	2 37	22 56	0 35	2 38	1 56	30 46	12 4	19 13	19 37	9 57		n.a.
T 13	6 23	18 10	0 17	3 17	2 15	9 50	1 3	0 53	0 48	20 57	1 17	9 5	2 37	22 56	0 35	2 39	1 56	30 46	12 5	19 13	19 36	9 55		n.a.
F 14	6 46	22 6	0s51	2 50	2 16	9 43	0 54	0 37	0 48	20 56	1 17	9 3	2 37	22 56	0 35	2 39	1 56	30 46	12 5	19 13	19 35	9 52		n.a.
S 15	7 10	25 3	1 58	2 21	2 15	9 34	0 46	0 20	0 47	20 55	1 17	9 2	2 37	22 56	0 35	2 40	1 56	30 47	12 6	19 13	19 35	9 49		n.a.
S 16	7 33	26 44	3 0	1 49	2 14	9 25	0 37	0 3	0 47	20 54	1 17	9 0	2 37	22 56	0 35	2 41	1 56	30 47	12 6	19 13	19 34	9 46		n.a.
M17	7 56	26 56	3 54	1 15	2 12	9 16	0 29	0s14	0 46	20 54	1 17	8 58	2 37	22 56	0 35	2 41	1 56	30 47	12 6	19 14	19 33	9 43		n.a.
T 18	8 19	25 31	4 36	0 40	2 9	9 6	0 20	0 31	0 46	20 53	1 17	8 56	2 37	22 55	0 35	2 42	1 56	30 47	12 7	19 14	19 32	9 40		n.a.
W19	8 42	22 31	5 3	0 3	2 5	8 55	0 12	0 47	0 46	20 52	1 16	8 55	2 37	22 55	0 35	2 42	1 56	30 47	12 7	19 13	19 32	9 37		n.a.
T 20	9 5	18 5	5 12	0s34	2 2	8 43	0 5	1 4	0 45	20 51	1 16	8 53	2 37	22 55	0 35	2 43	1 56	30 48	12 8	19 13	19 31	9 34		n.a.
F 21	9 28	12 29	5 1	1 13	1 57	8 31	0n 3	1 21	0 45	20 50	1 16	8 51	2 37	22 55	0 35	2 44	1 56	30 48	12 8	19 12	19 30	9 31		n.a.
S 22	9 51	6 6	4 30	1 53	1 53	8 18	0 10	1 38	0 44	20 49	1 16	8 49	2 37	22 55	0 35	2 44	1 56	30 48	12 9	19 11	19 29	9 28		n.a.
S 23	10 13	0n41	3 40	2 33	1 47	8 5	0 17	1 55	0 44	20 48	1 16	8 48	2 37	22 55	0 35	2 45	1 56	30 48	12 9	19 10	19 29	9 25		n.a.
M24	10 35	7 25	2 35	3 13	1 42	7 51	0 24	2 12	0 43	20 46	1 16	8 46	2 37	22 54	0 35	2 45	1 56	30 49	12 9	19 9	19 28	9 22		n.a.
T 25	10 57	13 40	1 20	3 54	1 36	7 37	0 31	2 29	0 43	20 45	1 15	8 44	2 37	22 54	0 35	2 46	1 56	30 49	12 10	19 8	19 27	9 19		n.a.
W26	11 19	19 1	0 2	4 36	1 31	7 22	0 38	2 45	0 43	20 44	1 15	8 43	2 37	22 54	0 35	2 46	1 56	30 49	12 10	19 8	19 26	9 16		n.a.
T 27	11 41	23 10	1n15	5 17	1 24	7 6	0 44	3 2	0 42	20 43	1 15	8 41	2 37	22 54	0 35	2 47	1 56	30 49	12 11	19 8	19 25	9 13		n.a.
F 28	12 2	25 52	2 24	5 59	1 18	6 50	0 50	3 19	0 42	20 41	1 15	8 39	2 37	22 54	0 35	2 47	1 56	30 50	12 11	19 9	19 25	9 10		n.a.
S 29	12 24	27 2	3 24	6 40	1 12	6 34	0 56	3 36	0 41	20 40	1 15	8 37	2 37	22 53	0 35	2 48	1 56	30 50	12 12	19 9	19 24	9 7		n.a.
S 30	12 45	26 43	4 12	7 21	1 5	6 17	1 2	3 53	0 41	20 39	1 15	8 36	2 36	22 53	0 35	2 48	1 56	30 50	12 12	19 9	19 23	9 4		n.a.
M31	13s 6	25n 3	4n47	8s 3	0n59	5n59	1n 8	4s10	0n40	20s37	1s14	8n34	2s36	22s53	0s35	2s49	1s56	30n51	12n13	19n 9	19n22	9n 1		n.a.

Julian Day Number = 1623444.5, Delta T = 03h46m09s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'27, Lahiri = - 7°39'26 Julian Calendar 1 Oct. 269 BCE == Greg. Calendar 27 Sept. 269 BCE

The year -268 astronomical counting style corresponds to year 269 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

NOVEMBER 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 25 0	5♏17'01	12♌15	24♎18	18♍35	12♎38	4♒24	28°R13	19♉25	27°R22	5♌47	24°R38	25♉28	18♍27	n.a.	T 1
W 2	2 28 56	6°18'02	24°14	25°51	19°34	13°19	4°30	28♈ 8	19°26	27♓21	5°47	24♉37	25°25	18°33	n.a.	W 2
T 3	2 32 53	7°19'04	6♍ 6	27°25	20°33	14° 1	4°35	28° 3	19°28	27°20	5°47	24°35	25°22	18°40	n.a.	T 3
F 4	2 36 49	8°20'07	17°57	28°58	21°32	14°43	4°42	27°59	19°29	27°19	5°47	24°33	25°18	18°47	n.a.	F 4
S 5	2 40 46	9°21'12	29°50	0♏32	22°32	15°24	4°48	27°54	19°31	27°18	5°48	24°30	25°15	18°54	n.a.	S 5
S 6	2 44 43	10°22'17	11♎48	2° 6	23°33	16° 6	4°54	27°49	19°33	27°17	5°48	24°28	25°12	19° 0	n.a.	S 6
M 7	2 48 39	11°23'24	23°53	3°39	24°34	16°47	5° 1	27°44	19°34	27°15	5°48	24°26	25° 9	19° 7	n.a.	M 7
T 8	2 52 36	12°24'32	6♏ 8	5°13	25°35	17°29	5° 8	27°39	19°36	27°14	5°48	24°25	25° 6	19°14	n.a.	T 8
W 9	2 56 32	13°25'40	18°33	6°47	26°37	18°11	5°15	27°35	19°38	27°13	5°48	24°D24	25° 3	19°20	n.a.	W 9
T 10	3 0 29	14°26'50	1♐10	8°21	27°39	18°53	5°22	27°30	19°40	27°12	5°48	24°24	24°59	19°27	n.a.	T 10
F 11	3 4 25	15°28'00	14° 0	9°54	28°41	19°35	5°29	27°26	19°42	27°11	5°R48	24°24	24°56	19°34	n.a.	F 11
S 12	3 8 22	16°29'10	27° 2	11°28	29°44	20°16	5°36	27°21	19°44	27°10	5°48	24°25	24°53	19°41	n.a.	S 12
S 13	3 12 18	17°30'22	10♑18	13° 2	0♎47	20°58	5°44	27°16	19°46	27° 9	5°48	24°26	24°50	19°47	n.a.	S 13
M14	3 16 15	18°31'33	23°48	14°37	1°51	21°40	5°52	27°12	19°48	27° 8	5°48	24°27	24°47	19°54	n.a.	M14
T 15	3 20 12	19°32'45	7♒31	16°11	2°55	22°22	6° 0	27° 8	19°50	27° 7	5°48	24°27	24°44	20° 1	n.a.	T 15
W16	3 24 8	20°33'58	21°28	17°45	3°59	23° 4	6° 8	27° 3	19°52	27° 7	5°48	24°R27	24°40	20° 7	n.a.	W16
T 17	3 28 5	21°35'10	5♓38	19°19	5° 3	23°46	6°16	26°59	19°54	27° 6	5°48	24°27	24°37	20°14	n.a.	T 17
F 18	3 32 1	22°36'22	20° 0	20°54	6° 8	24°28	6°24	26°55	19°56	27° 5	5°48	24°27	24°34	20°21	n.a.	F 18
S 19	3 35 58	23°37'35	4♈28	22°29	7°13	25°10	6°33	26°51	19°59	27° 4	5°47	24°27	24°31	20°28	n.a.	S 19
S 20	3 39 54	24°38'48	19° 1	24° 4	8°19	25°52	6°41	26°47	20° 1	27° 3	5°47	24°D27	24°28	20°34	n.a.	S 20
M21	3 43 51	25°40'01	3♉32	25°39	9°24	26°35	6°50	26°42	20° 3	27° 3	5°47	24°27	24°24	20°41	n.a.	M21
T 22	3 47 48	26°41'14	17°55	27°14	10°30	27°17	6°59	26°39	20° 6	27° 2	5°46	24°R27	24°21	20°48	n.a.	T 22
W23	3 51 44	27°42'28	2♊ 5	28°49	11°37	27°59	7° 8	26°35	20° 8	27° 1	5°46	24°27	24°18	20°54	n.a.	W23
T 24	3 55 41	28°43'42	15°57	0♐25	12°43	28°41	7°17	26°31	20°10	27° 1	5°46	24°27	24°15	21° 1	n.a.	T 24
F 25	3 59 37	29°44'56	29°29	2° 1	13°50	29°24	7°26	26°27	20°13	27° 0	5°45	24°26	24°12	21° 8	n.a.	F 25
S 26	4 3 34	0♐46'11	12♋40	3°37	14°57	0♏ 6	7°36	26°23	20°15	27° 0	5°45	24°25	24° 9	21°15	n.a.	S 26
S 27	4 7 30	1°47'26	25°28	5°14	16° 4	0°48	7°45	26°20	20°18	26°59	5°44	24°24	24° 5	21°21	n.a.	S 27
M28	4 11 27	2°48'41	7♌58	6°51	17°11	1°31	7°55	26°16	20°21	26°59	5°44	24°23	24° 2	21°28	n.a.	M28
T 29	4 15 23	3°49'57	20°11	8°28	18°19	2°13	8° 5	26°13	20°23	26°58	5°43	24°23	23°59	21°35	n.a.	T 29
W30	4 19 20	4♐51'12	2♍12	10♐ 5	19♎27	2♏56	8♒15	26♈10	20♉26	26♓58	5♌43	24°D22	23♉56	21♍41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13 s26	22n15	5n 8	8 s44	0n52	5n41	1n13	4 s26	0n40	20 s36	1 s14	8n32	2 s36	22 s53	0 s35	2 s49	1 s56	30n51	12n13	19n 9	19n22	8n58		n.a.
W 2	13 47	18 33	5 15	9 24	0 45	5 23	1 18	4 43	0 39	20 34	1 14	8 31	2 36	22 53	0 35	2 50	1 56	30 51	12 13	19 9	19 21	8 55		n.a.
T 3	14 7	14 9	5 9	10 5	0 38	5 4	1 23	5 0	0 39	20 32	1 14	8 29	2 36	22 52	0 35	2 50	1 56	30 52	12 14	19 9	19 20	8 52		n.a.
F 4	14 27	9 15	4 50	10 45	0 32	4 45	1 28	5 17	0 38	20 31	1 14	8 27	2 36	22 52	0 35	2 51	1 56	30 52	12 14	19 8	19 19	8 49		n.a.
S 5	14 47	4 0	4 18	11 25	0 25	4 25	1 33	5 33	0 38	20 29	1 14	8 26	2 36	22 52	0 35	2 51	1 55	30 52	12 15	19 7	19 19	8 46		n.a.
S 6	15 7	1 s26	3 34	12 4	0 18	4 5	1 38	5 50	0 37	20 27	1 13	8 24	2 36	22 52	0 35	2 51	1 55	30 53	12 15	19 7	19 18	8 43		n.a.
M 7	15 26	6 53	2 41	12 43	0 11	3 44	1 42	6 6	0 37	20 26	1 13	8 23	2 36	22 51	0 35	2 52	1 55	30 53	12 16	19 6	19 17	8 40		n.a.
T 8	15 45	12 10	1 39	13 21	0 5	3 24	1 46	6 23	0 36	20 24	1 13	8 21	2 35	22 51	0 35	2 52	1 55	30 54	12 16	19 6	19 16	8 37		n.a.
W 9	16 4	17 2	0 32	13 59	0 s 2	3 2	1 50	6 40	0 36	20 22	1 13	8 19	2 35	22 51	0 35	2 53	1 55	30 54	12 17	19 6	19 15	8 34		n.a.
T 10	16 22	21 15	0 s37	14 36	0 9	2 41	1 54	6 56	0 35	20 20	1 13	8 18	2 35	22 50	0 35	2 53	1 55	30 54	12 17	19 6	19 15	8 31		n.a.
F 11	16 40	24 31	1 47	15 12	0 15	2 19	1 57	7 13	0 35	20 18	1 13	8 16	2 35	22 50	0 35	2 53	1 55	30 55	12 17	19 6	19 14	8 28		n.a.
S 12	16 58	26 33	2 51	15 48	0 22	1 57	2 1	7 29	0 34	20 16	1 12	8 15	2 35	22 50	0 35	2 54	1 55	30 55	12 18	19 6	19 13	8 25		n.a.
S 13	17 16	27 7	3 48	16 23	0 28	1 35	2 4	7 45	0 34	20 14	1 12	8 13	2 35	22 49	0 35	2 54	1 55	30 56	12 18	19 6	19 12	8 22		n.a.
M14	17 33	26 5	4 33	16 58	0 35	1 12	2 7	8 2	0 33	20 12	1 12	8 12	2 35	22 49	0 35	2 54	1 55	30 56	12 19	19 7	19 12	8 19		n.a.
T 15	17 50	23 30	5 4	17 32	0 41	0 49	2 10	8 18	0 33	20 10	1 12	8 10	2 34	22 49	0 35	2 55	1 55	30 57	12 19	19 7	19 11	8 16		n.a.
W16	18 6	19 30	5 17	18 5	0 47	0 26	2 13	8 34	0 32	20 8	1 12	8 9	2 34	22 48	0 35	2 55	1 55	30 57	12 20	19 7	19 10	8 13		n.a.
T 17	18 23	14 22	5 11	18 37	0 53	0 2	2 16	8 51	0 32	20 5	1 12	8 8	2 34	22 48	0 35	2 55	1 55	30 57	12 20	19 7	19 9	8 10		n.a.
F 18	18 39	8 23	4 46	19 8	0 59	0 s21	2 18	9 7	0 31	20 3	1 11	8 6	2 34	22 48	0 34	2 56	1 55	30 58	12 20	19 7	19 8	8 7		n.a.
S 19	18 54	1 55	4 3	19 39	1 4	0 45	2 20	9 23	0 31	20 1	1 11	8 5	2 34	22 47	0 34	2 56	1 55	30 58	12 21	19 7	19 8	8 4		n.a.
S 20	19 10	4n42	3 4	20 8	1 10	1 9	2 23	9 39	0 30	19 58	1 11	8 4	2 33	22 47	0 34	2 56	1 55	30 59	12 21	19 7	19 7	8 1		n.a.
M21	19 25	11 4	1 54	20 37	1 15	1 34	2 25	9 55	0 30	19 56	1 11	8 2	2 33	22 47	0 34	2 56	1 55	30 59	12 22	19 7	19 6	7 58		n.a.
T 22	19 39	16 48	0 36	21 5	1 20	1 58	2 27	10 11	0 29	19 54	1 11	8 1	2 33	22 46	0 34	2 57	1 55	31 0	12 22	19 7	19 5	7 55		n.a.
W23	19 53	21 31	0n42	21 31	1 25	2 23	2 28	10 26	0 28	19 51	1 11	8 0	2 33	22 46	0 34	2 57	1 55	31 0	12 23	19 7	19 4	7 52		n.a.
T 24	20 7	24 55	1 57	21 57	1 30	2 47	2 30	10 42	0 28	19 49	1 11	7 59	2 33	22 46	0 34	2 57	1 55	31 1	12 23	19 7	19 4	7 49		n.a.
F 25	20 20	26 46	3 2	22 22	1 35	3 12	2 31	10 58	0 27	19 46	1 11	7 58	2 32	22 45	0 34	2 57	1 54	31 1	12 23	19 6	19 3	7 46		n.a.
S 26	20 34	27 3	3 57	22 45	1 39	3 37	2 32	11 14	0 27	19 44	1 10	7 57	2 32	22 45	0 34	2 57	1 54	31 2	12 24	19 6	19 2	7 43		n.a.
S 27	20 46	25 51	4 37	23 7	1 43	4 2	2 34	11 29	0 26	19 41	1 10	7 55	2 32	22 44	0 34	2 57	1 54	31 2	12 24	19 6	19 1	7 40		n.a.
M28	20 58	23 23	5 4	23 28	1 47	4 27	2 35	11 45	0 26	19 38	1 10	7 54	2 32	22 44	0 34	2 58	1 54	31 3	12 25	19 6	19 1	7 37		n.a.
T 29	21 10	19 55	5 16	23 48	1 50	4 52	2 35	12 0	0 25	19 36	1 10	7 53	2 31	22 44	0 34	2 58	1 54	31 4	12 25	19 6	19 0	7 34		n.a.
W30	21 s22	15n41	5n14	24 s 6	1 s53	5 s18	2n36	12 s15	0n24	19 s33	1 s10	7n52	2 s31	22 s43	0 s34	2 s58	1 s54	31n 4	12n26	19n 6	18n59	7n31		n.a.

Julian Day Number = 1623475.5, Delta T = 03h46m08s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'22, Lahiri = - 7°39'22 Julian Calendar 1 Nov. 269 BCE == Greg. Calendar 28 Oct. 269 BCE

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ASTRODIENST EPHEMERIS for the year 269 BCE
geocentric

DECEMBER 269 BCE (-268) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 23 17	5♐52'28	14♍ 6	11♐43	20♎35	3♏38	8♒25	26°R 7	20♑28	26°R57	5°R42	24♉22	23♉53	21♍48	n.a.	T 1
F 2	4 27 13	6°53'44	25°57	13°21	21°43	4°21	8°35	26♈ 3	20°31	26♓57	5♌42	24°23	23°50	21°55	n.a.	F 2
S 3	4 31 10	7°55'01	7♎50	14°59	22°51	5° 4	8°45	26° 0	20°34	26°57	5°41	24°24	23°46	22° 2	n.a.	S 3
S 4	4 35 6	8°56'17	19°50	16°37	24° 0	5°46	8°56	25°57	20°37	26°56	5°40	24°26	23°43	22° 8	n.a.	S 4
M 5	4 39 3	9°57'33	2♏ 0	18°16	25° 8	6°29	9° 6	25°55	20°40	26°56	5°40	24°27	23°40	22°15	n.a.	M 5
T 6	4 42 59	10°58'50	14°24	19°55	26°17	7°12	9°17	25°52	20°42	26°56	5°39	24°28	23°37	22°22	n.a.	T 6
W 7	4 46 56	12° 0'06	27° 4	21°34	27°26	7°54	9°28	25°49	20°45	26°56	5°38	24°R28	23°34	22°28	n.a.	W 7
T 8	4 50 52	13° 1'22	10♐ 0	23°13	28°35	8°37	9°39	25°47	20°48	26°56	5°37	24°28	23°30	22°35	n.a.	T 8
F 9	4 54 49	14° 2'38	23°13	24°52	29°45	9°20	9°50	25°44	20°51	26°56	5°37	24°26	23°27	22°42	n.a.	F 9
S 10	4 58 46	15° 3'54	6♑42	26°31	0♏54	10° 3	10° 1	25°42	20°54	26°55	5°36	24°23	23°24	22°48	n.a.	S 10
S 11	5 2 42	16° 5'09	20°25	28°10	2° 4	10°46	10°12	25°39	20°57	26°55	5°35	24°20	23°21	22°55	n.a.	S 11
M12	5 6 39	17° 6'23	4♒19	29°49	3°14	11°29	10°23	25°37	21° 0	26°D55	5°34	24°17	23°18	23° 2	n.a.	M12
T 13	5 10 35	18° 7'37	18°20	1♑27	4°23	12°12	10°35	25°35	21° 3	26°55	5°33	24°14	23°15	23° 9	n.a.	T 13
W14	5 14 32	19° 8'49	2♓27	3° 5	5°33	12°54	10°46	25°33	21° 6	26°56	5°32	24°11	23°11	23°15	n.a.	W14
T 15	5 18 28	20°10'01	16°36	4°42	6°43	13°37	10°58	25°32	21° 9	26°56	5°31	24°D10	23° 8	23°22	n.a.	T 15
F 16	5 22 25	21°11'12	0♈46	6°18	7°54	14°21	11° 9	25°30	21°12	26°56	5°30	24°11	23° 5	23°29	n.a.	F 16
S 17	5 26 22	22°12'21	14°54	7°53	9° 4	15° 4	11°21	25°28	21°16	26°56	5°29	24°12	23° 2	23°35	n.a.	S 17
S 18	5 30 18	23°13'30	29° 0	9°26	10°14	15°47	11°33	25°27	21°19	26°56	5°28	24°14	22°59	23°42	n.a.	S 18
M19	5 34 15	24°14'38	13♉ 1	10°57	11°25	16°30	11°45	25°25	21°22	26°56	5°27	24°15	22°56	23°49	n.a.	M19
T 20	5 38 11	25°15'45	26°54	12°25	12°36	17°13	11°57	25°24	21°25	26°57	5°26	24°R15	22°52	23°56	n.a.	T 20
W21	5 42 8	26°16'51	10♊38	13°51	13°46	17°56	12° 9	25°23	21°28	26°57	5°25	24°14	22°49	24° 2	n.a.	W21
T 22	5 46 4	27°17'56	24°10	15°13	14°57	18°39	12°21	25°22	21°31	26°57	5°24	24°11	22°46	24° 9	n.a.	T 22
F 23	5 50 1	28°19'00	7♋28	16°31	16° 8	19°23	12°34	25°21	21°35	26°58	5°23	24° 7	22°43	24°16	n.a.	F 23
S 24	5 53 57	29°20'04	20°29	17°44	17°19	20° 6	12°46	25°20	21°38	26°58	5°21	24° 1	22°40	24°22	n.a.	S 24
S 25	5 57 54	0♑21'06	3♌14	18°52	18°30	20°49	12°58	25°19	21°41	26°59	5°20	23°54	22°36	24°29	n.a.	S 25
M26	6 1 51	1°22'08	15°42	19°53	19°41	21°33	13°11	25°19	21°45	26°59	5°19	23°48	22°33	24°36	n.a.	M26
T 27	6 5 47	2°23'09	27°56	20°47	20°53	22°16	13°23	25°18	21°48	27° 0	5°18	23°42	22°30	24°42	n.a.	T 27
W28	6 9 44	3°24'09	9♍58	21°33	22° 4	23° 0	13°36	25°18	21°51	27° 0	5°17	23°37	22°27	24°49	n.a.	W28
T 29	6 13 40	4°25'07	21°53	22°10	23°15	23°43	13°49	25°18	21°55	27° 1	5°15	23°34	22°24	24°56	n.a.	T 29
F 30	6 17 37	5°26'06	3♎43	22°37	24°27	24°27	14° 2	25°18	21°58	27° 1	5°14	23°D33	22°21	25° 3	n.a.	F 30
S 31	6 21 33	6♑27'03	15♎35	22♑54	25♏38	25♏10	14♒15	25°D18	22♑ 1	27♓ 2	5♌13	23♉34	22♉17	25♍ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s33	10n54	4n58	24 s23	1 s56	5 s43	2n37	12 s30	0n24	19 s30	1 s10	7n51	2 s31	22 s43	0 s34	2 s58	1 s54	31n 5	12n26	19n 6	18n58	7n28		n.a.
F 2	21 43	5 45	4 30	24 39	1 59	6 8	2 37	12 46	0 23	19 27	1 10	7 51	2 31	22 42	0 34	2 58	1 54	31 5	12 26	19 6	18 57	7 24		n.a.
S 3	21 54	0 22	3 50	24 53	2 1	6 33	2 38	13 1	0 23	19 24	1 9	7 50	2 31	22 42	0 34	2 58	1 54	31 6	12 27	19 6	18 57	7 21		n.a.
S 4	22 3	5 s 4	3 0	25 5	2 3	6 59	2 38	13 16	0 22	19 21	1 9	7 49	2 30	22 41	0 34	2 58	1 54	31 6	12 27	19 6	18 56	7 18		n.a.
M 5	22 13	10 25	2 1	25 16	2 4	7 24	2 38	13 30	0 21	19 18	1 9	7 48	2 30	22 41	0 34	2 58	1 54	31 7	12 28	19 7	18 55	7 15		n.a.
T 6	22 22	15 28	0 55	25 26	2 6	7 49	2 38	13 45	0 21	19 15	1 9	7 47	2 30	22 41	0 34	2 58	1 54	31 7	12 28	19 7	18 54	7 12		n.a.
W 7	22 30	19 58	0 s14	25 33	2 6	8 14	2 38	14 0	0 20	19 12	1 9	7 47	2 29	22 40	0 34	2 58	1 54	31 8	12 28	19 7	18 53	7 9		n.a.
T 8	22 38	23 37	1 25	25 39	2 6	8 39	2 37	14 14	0 19	19 9	1 9	7 46	2 29	22 40	0 34	2 58	1 54	31 9	12 29	19 7	18 53	7 6		n.a.
F 9	22 46	26 5	2 32	25 44	2 6	9 4	2 37	14 29	0 19	19 6	1 9	7 45	2 29	22 39	0 34	2 58	1 54	31 9	12 29	19 6	18 52	7 3		n.a.
S 10	22 53	27 5	3 32	25 46	2 5	9 29	2 36	14 43	0 18	19 3	1 9	7 45	2 29	22 39	0 34	2 58	1 54	31 10	12 29	19 6	18 51	7 0		n.a.
S 11	23 0	26 27	4 21	25 47	2 4	9 54	2 36	14 57	0 18	19 0	1 9	7 44	2 28	22 38	0 34	2 58	1 54	31 10	12 30	19 5	18 50	6 57		n.a.
M12	23 6	24 11	4 55	25 45	2 2	10 19	2 35	15 11	0 17	18 57	1 8	7 44	2 28	22 38	0 34	2 58	1 53	31 11	12 30	19 4	18 49	6 54		n.a.
T 13	23 11	20 27	5 12	25 42	1 59	10 43	2 34	15 25	0 16	18 54	1 8	7 43	2 28	22 37	0 34	2 58	1 53	31 12	12 31	19 3	18 49	6 51		n.a.
W14	23 17	15 33	5 11	25 37	1 56	11 8	2 33	15 39	0 16	18 50	1 8	7 43	2 28	22 37	0 34	2 58	1 53	31 12	12 31	19 3	18 48	6 47		n.a.
T 15	23 22	9 48	4 50	25 31	1 52	11 32	2 32	15 53	0 15	18 47	1 8	7 42	2 27	22 36	0 34	2 58	1 53	31 13	12 31	19 3	18 47	6 44		n.a.
F 16	23 26	3 33	4 12	25 22	1 47	11 56	2 31	16 7	0 14	18 44	1 8	7 42	2 27	22 36	0 34	2 58	1 53	31 13	12 32	19 3	18 46	6 41		n.a.
S 17	23 30	2n53	3 19	25 11	1 42	12 20	2 30	16 20	0 14	18 40	1 8	7 42	2 27	22 35	0 34	2 58	1 53	31 14	12 32	19 3	18 45	6 38		n.a.
S 18	23 33	9 10	2 14	24 59	1 35	12 43	2 28	16 33	0 13	18 37	1 8	7 41	2 26	22 35	0 34	2 58	1 53	31 15	12 32	19 3	18 44	6 35		n.a.
M19	23 36	14 58	1 1	24 44	1 28	13 7	2 27	16 47	0 12	18 33	1 8	7 41	2 26	22 34	0 34	2 57	1 53	31 15	12 33	19 4	18 44	6 32		n.a.
T 20	23 39	19 56	0n14	24 28	1 20	13 30	2 25	17 0	0 12	18 30	1 8	7 41	2 26	22 34	0 34	2 57	1 53	31 16	12 33	19 4	18 43	6 29		n.a.
W21	23 41	23 46	1 28	24 11	1 11	13 53	2 24	17 13	0 11	18 26	1 8	7 41	2 25	22 33	0 34	2 57	1 53	31 16	12 33	19 4	18 42	6 26		n.a.
T 22	23 42	26 12	2 36	23 52	1 1	14 16	2 22	17 25	0 10	18 23	1 8	7 41	2 25	22 33	0 34	2 57	1 53	31 17	12 34	19 3	18 41	6 23		n.a.
F 23	23 43	27 4	3 34	23 32	0 51	14 38	2 20	17 38	0 9	18 19	1 7	7 41	2 25	22 32	0 34	2 57	1 53	31 18	12 34	19 2	18 40	6 20		n.a.
S 24	23 44	26 25	4 19	23 11	0 39	15 0	2 18	17 51	0 9	18 16	1 7	7 41	2 25	22 32	0 34	2 56	1 53	31 18	12 34	19 0	18 40	6 16		n.a.
S 25	23 44	24 22	4 50	22 49	0 26	15 22	2 16	18 3	0 8	18 12	1 7	7 41	2 24	22 31	0 34	2 56	1 53	31 19	12 34	18 59	18 39	6 13		n.a.
M26	23 43	21 12	5 7	22 26	0 12	15 43	2 14	18 15	0 7	18 8	1 7	7 41	2 24	22 31	0 34	2 56	1 53	31 19	12 35	18 57	18 38	6 10		n.a.
T 27	23 42	17 10	5 9	22 3	0n 3	16 4	2 12	18 27	0 7	18 4	1 7	7 41	2 24	22 30	0 34	2 56	1 53	31 20	12 35	18 55	18 37	6 7		n.a.
W28	23 41	12 30	4 58	21 41	0 19	16 25	2 10	18 39	0 6	18 1	1 7	7 41	2 23	22 29	0 34	2 55	1 52	31 21	12 35	18 54	18 36	6 4		n.a.
T 29	23 39	7 26	4 33	21 18	0 35	16 45	2 7	18 51	0 5	17 57	1 7	7 41	2 23	22 29	0 34	2 55	1 52	31 21	12 36	18 54	18 35	6 1		n.a.
F 30	23 37	2 8	3 57	20 57	0 52	17 5	2 5	19 2	0 4	17 53	1 7	7 41	2 23	22 28	0 34	2 55	1 52	31 22	12 36	18 53	18 35	5 58		n.a.
S 31	23 s34	3 s16	3n11	20 s37	1n10	17 s25	2n 3	19 s14	0n 4	17 s49	1 s 7	7n42	2 s22	22 s28	0 s34	2 s54	1 s52	31n22	12n36	18n53	18n34	5n55		n.a.

Julian Day Number = 1623505.5, Delta T = 03h46m07s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'18, Lahiri = - 7°39'18 Julian Calendar 1 Dec. 269 BCE == Greg. Calendar 27 Nov. 269 BCE

The year -268 astronomical counting style corresponds to year 269 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

JANUARY 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 25 30	7♑27'59	27♎35	23°R 1	26♏50	25♏54	14♒28	25♈18	22♑ 5	27♓ 3	5°R12	23♉35	22♉14	25♍16	n.a.	S 1
M 2	6 29 27	8°28'54	9♏45	22♑56	28° 2	26°37	14°41	25°18	22° 8	27° 3	5♌10	23°37	22°11	25°23	n.a.	M 2
T 3	6 33 23	9°29'49	22°13	22°40	29°14	27°21	14°54	25°18	22°12	27° 4	5° 9	23°R37	22° 8	25°29	n.a.	T 3
W 4	6 37 20	10°30'42	5♐ 0	22°13	0♐25	28° 5	15° 7	25°19	22°15	27° 5	5° 7	23°37	22° 5	25°36	n.a.	W 4
T 5	6 41 16	11°31'34	18°10	21°36	1°37	28°48	15°20	25°19	22°18	27° 6	5° 6	23°34	22° 2	25°43	n.a.	T 5
F 6	6 45 13	12°32'25	1♑42	20°50	2°49	29°32	15°33	25°20	22°22	27° 7	5° 5	23°29	21°58	25°49	n.a.	F 6
S 7	6 49 9	13°33'15	15°36	19°55	4° 1	0♐16	15°47	25°21	22°25	27° 7	5° 3	23°22	21°55	25°56	n.a.	S 7
S 8	6 53 6	14°34'03	29°48	18°53	5°13	1° 0	16° 0	25°21	22°29	27° 8	5° 2	23°13	21°52	26° 3	n.a.	S 8
M 9	6 57 2	15°34'50	14♒11	17°46	6°25	1°43	16°13	25°23	22°32	27° 9	5° 1	23° 5	21°49	26°10	n.a.	M 9
T 10	7 0 59	16°35'35	28°40	16°37	7°37	2°27	16°27	25°24	22°36	27°10	4°59	22°56	21°46	26°16	n.a.	T 10
W11	7 4 56	17°36'18	13♓ 9	15°26	8°50	3°11	16°40	25°25	22°39	27°11	4°58	22°50	21°42	26°23	n.a.	W11
T 12	7 8 52	18°37'00	27°32	14°16	10° 2	3°55	16°54	25°26	22°43	27°12	4°56	22°46	21°39	26°30	n.a.	T 12
F 13	7 12 49	19°37'39	11♈46	13° 8	11°14	4°39	17° 8	25°28	22°46	27°13	4°55	22°44	21°36	26°36	n.a.	F 13
S 14	7 16 45	20°38'17	25°48	12° 5	12°26	5°23	17°21	25°29	22°50	27°15	4°53	22°D43	21°33	26°43	n.a.	S 14
S 15	7 20 42	21°38'53	9♉39	11° 7	13°39	6° 7	17°35	25°31	22°53	27°16	4°52	22°44	21°30	26°50	n.a.	S 15
M16	7 24 38	22°39'27	23°19	10°15	14°51	6°51	17°49	25°33	22°57	27°17	4°50	22°R45	21°27	26°56	n.a.	M16
T 17	7 28 35	23°39'59	6♊47	9°30	16° 3	7°35	18° 3	25°35	23° 0	27°18	4°49	22°44	21°23	27° 3	n.a.	T 17
W18	7 32 31	24°40'29	20° 5	8°53	17°16	8°19	18°17	25°37	23° 3	27°19	4°47	22°40	21°20	27°10	n.a.	W18
T 19	7 36 28	25°40'57	3♋13	8°23	18°28	9° 3	18°30	25°39	23° 7	27°21	4°46	22°34	21°17	27°17	n.a.	T 19
F 20	7 40 25	26°41'23	16° 9	8° 1	19°41	9°47	18°44	25°41	23°10	27°22	4°44	22°26	21°14	27°23	n.a.	F 20
S 21	7 44 21	27°41'48	28°54	7°47	20°53	10°31	18°58	25°43	23°14	27°23	4°43	22°15	21°11	27°30	n.a.	S 21
S 22	7 48 18	28°42'11	11♌26	7°39	22° 6	11°15	19°12	25°46	23°17	27°25	4°41	22° 2	21° 8	27°37	n.a.	S 22
M23	7 52 14	29°42'32	23°47	7°D39	23°18	11°59	19°26	25°48	23°21	27°26	4°40	21°50	21° 4	27°43	n.a.	M23
T 24	7 56 11	0♒42'51	5♍56	7°45	24°31	12°44	19°40	25°51	23°24	27°27	4°38	21°38	21° 1	27°50	n.a.	T 24
W25	8 0 7	1°43'08	17°56	7°58	25°43	13°28	19°55	25°54	23°28	27°29	4°37	21°28	20°58	27°57	n.a.	W25
T 26	8 4 4	2°43'24	29°49	8°16	26°56	14°12	20° 9	25°57	23°31	27°30	4°35	21°20	20°55	28° 3	n.a.	T 26
F 27	8 8 0	3°43'38	11♎38	8°40	28° 9	14°56	20°23	26° 0	23°35	27°32	4°34	21°16	20°52	28°10	n.a.	F 27
S 28	8 11 57	4°43'51	23°29	9° 9	29°22	15°41	20°37	26° 3	23°38	27°33	4°32	21°13	20°48	28°17	n.a.	S 28
S 29	8 15 54	5°44'02	5♏26	9°42	0♑34	16°25	20°51	26° 6	23°42	27°35	4°30	21°D13	20°45	28°24	n.a.	S 29
M30	8 19 50	6°44'11	17°34	10°21	1°47	17° 9	21° 5	26° 9	23°45	27°36	4°29	21°R13	20°42	28°30	n.a.	M30
T 31	8 23 47	7♒44'18	29♏59	11♑ 3	3♑ 0	17♐54	21♒20	26♈13	23♑48	27♓38	4♌27	21♉13	20♉39	28♍37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s31	8s37	2n16	20s18	1n28	17s44	2n 0	19s25	0n 3	17s45	1s 7	7n42	2s22	22s27	0s34	2s54	1s52	31n23	12n36	18n54	18n33	5n51			n.a.
M 2	23 27	13 44	1 14	20 1	1 46	18 3	1 58	19 36	0 2	17 41	1 7	7 42	2 22	22 27	0 34	2 54	1 52	31 24	12 37	18 54	18 32	5 48			n.a.
T 3	23 23	18 25	0 8	19 46	2 4	18 21	1 55	19 47	0 1	17 38	1 7	7 43	2 21	22 26	0 34	2 53	1 52	31 24	12 37	18 54	18 31	5 45			n.a.
W 4	23 18	22 23	1s 1	19 33	2 21	18 39	1 53	19 58	0 1	17 34	1 7	7 43	2 21	22 26	0 34	2 53	1 52	31 25	12 37	18 54	18 31	5 42			n.a.
T 5	23 13	25 20	2 8	19 22	2 38	18 57	1 50	20 8	0s 0	17 30	1 7	7 44	2 21	22 25	0 34	2 53	1 52	31 25	12 37	18 53	18 30	5 39			n.a.
F 6	23 8	26 53	3 10	19 14	2 53	19 14	1 47	20 19	0 1	17 26	1 7	7 44	2 20	22 24	0 34	2 52	1 52	31 26	12 38	18 52	18 29	5 36			n.a.
S 7	23 2	26 49	4 2	19 9	3 7	19 30	1 44	20 29	0 2	17 21	1 7	7 45	2 20	22 24	0 34	2 52	1 52	31 26	12 38	18 50	18 28	5 33			n.a.
S 8	22 55	25 1	4 41	19 5	3 19	19 46	1 41	20 39	0 3	17 17	1 6	7 45	2 20	22 23	0 34	2 51	1 52	31 27	12 38	18 48	18 27	5 29			n.a.
M 9	22 48	21 35	5 2	19 4	3 29	20 1	1 39	20 49	0 3	17 13	1 6	7 46	2 20	22 23	0 34	2 51	1 52	31 28	12 38	18 46	18 26	5 26			n.a.
T 10	22 41	16 49	5 4	19 5	3 37	20 16	1 36	20 58	0 4	17 9	1 6	7 47	2 19	22 22	0 34	2 51	1 52	31 28	12 39	18 44	18 26	5 23			n.a.
W11	22 33	11 6	4 47	19 8	3 43	20 31	1 33	21 8	0 5	17 5	1 6	7 48	2 19	22 22	0 34	2 50	1 52	31 29	12 39	18 42	18 25	5 20			n.a.
T 12	22 25	4 50	4 12	19 13	3 46	20 45	1 30	21 17	0 6	17 1	1 6	7 48	2 19	22 21	0 34	2 50	1 52	31 29	12 39	18 41	18 24	5 17			n.a.
F 13	22 16	1n38	3 21	19 19	3 47	20 58	1 27	21 26	0 7	16 56	1 6	7 49	2 18	22 20	0 34	2 49	1 52	31 30	12 39	18 41	18 23	5 14			n.a.
S 14	22 7	7 56	2 19	19 26	3 45	21 11	1 24	21 35	0 7	16 52	1 6	7 50	2 18	22 20	0 34	2 49	1 51	31 30	12 39	18 41	18 22	5 10			n.a.
S 15	21 58	13 47	1 9	19 34	3 42	21 23	1 21	21 43	0 8	16 48	1 6	7 51	2 18	22 19	0 34	2 48	1 51	31 31	12 39	18 41	18 21	5 7			n.a.
M16	21 48	18 52	0n 3	19 44	3 36	21 34	1 17	21 52	0 9	16 44	1 6	7 52	2 17	22 19	0 34	2 48	1 51	31 32	12 40	18 41	18 21	5 4			n.a.
T 17	21 38	22 56	1 14	19 54	3 30	21 45	1 14	22 0	0 10	16 39	1 6	7 53	2 17	22 18	0 34	2 47	1 51	31 32	12 40	18 41	18 20	5 1			n.a.
W18	21 27	25 41	2 20	20 5	3 21	21 56	1 11	22 8	0 11	16 35	1 6	7 54	2 17	22 17	0 34	2 47	1 51	31 33	12 40	18 40	18 19	4 58			n.a.
T 19	21 16	26 59	3 18	20 16	3 12	22 6	1 8	22 16	0 11	16 31	1 6	7 55	2 16	22 17	0 34	2 46	1 51	31 33	12 40	18 38	18 18	4 55			n.a.
F 20	21 4	26 47	4 4	20 28	3 2	22 15	1 5	22 23	0 12	16 26	1 6	7 56	2 16	22 16	0 34	2 45	1 51	31 34	12 40	18 36	18 17	4 51			n.a.
S 21	20 52	25 9	4 38	20 39	2 51	22 23	1 2	22 31	0 13	16 22	1 6	7 57	2 16	22 16	0 34	2 45	1 51	31 34	12 40	18 33	18 16	4 48			n.a.
S 22	20 40	22 18	4 57	20 51	2 39	22 31	0 58	22 38	0 14	16 17	1 6	7 58	2 16	22 15	0 34	2 44	1 51	31 35	12 40	18 30	18 15	4 45			n.a.
M23	20 27	18 29	5 2	21 3	2 27	22 38	0 55	22 45	0 15	16 13	1 6	8 0	2 15	22 15	0 34	2 44	1 51	31 35	12 41	18 27	18 15	4 42			n.a.
T 24	20 14	13 58	4 53	21 15	2 15	22 45	0 52	22 52	0 16	16 8	1 6	8 1	2 15	22 14	0 34	2 43	1 51	31 36	12 41	18 23	18 14	4 39			n.a.
W25	20 1	8 58	4 31	21 26	2 3	22 51	0 49	22 58	0 17	16 4	1 6	8 2	2 15	22 13	0 34	2 42	1 51	31 36	12 41	18 21	18 13	4 36			n.a.
T 26	19 47	3 42	3 57	21 38	1 51	22 56	0 45	23 4	0 17	15 59	1 6	8 3	2 14	22 13	0 34	2 42	1 51	31 37	12 41	18 19	18 12	4 32			n.a.
F 27	19 33	1s42	3 14	21 48	1 38	23 1	0 42	23 10	0 18	15 55	1 6	8 5	2 14	22 12	0 34	2 41	1 51	31 37	12 41	18 18	18 11	4 29			n.a.
S 28	19 19	7 2	2 22	21 59	1 26	23 5	0 39	23 16	0 19	15 50	1 6	8 6	2 14	22 12	0 34	2 40	1 51	31 38	12 41	18 17	18 10	4 26			n.a.
S 29	19 4	12 11	1 23	22 8	1 14	23 8	0 36	23 22	0 20	15 45	1 6	8 8	2 13	22 11	0 34	2 40	1 51	31 38	12 41	18 17	18 10	4 23			n.a.
M30	18 49	16 58	0 19	22 17	1 2	23 11	0 32	23 27	0 21	15 41	1 6	8 9	2 13	22 10	0 34	2 39	1 51	31 39	12 41	18 17	18 9	4 20			n.a.
T 31	18s33	21s 9	0s46	22s25	0n51	23s13	0n29	23s32	0s22	15s36	1s 6	8n11	2s13	22s10	0s34	2s38	1s51	31n39	12n41	18n17	18n 8	4n16			n.a.

Julian Day Number = 1623536.5, Delta T = 03h46m06s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'14, Lahiri = - 7°39'14 Julian Calendar 1 Jan. 268 BCE == Greg. Calendar 28 Dec. 269 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

FEBRUARY 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 27 43	8♒44'24	12♐47	11♑49	4♑13	18♐38	21♒34	26♈16	23♑52	27♓39	4°R26	21°R11	20♉36	28♍44	n.a.	W 1
T 2	8 31 40	9°44'29	26° 0	12°38	5°25	19°23	21°48	26°20	23°55	27°41	4♌24	21♉ 7	20°33	28°50	n.a.	T 2
F 3	8 35 36	10°44'31	9♑41	13°31	6°38	20° 7	22° 3	26°23	23°58	27°43	4°23	21° 0	20°29	28°57	n.a.	F 3
S 4	8 39 33	11°44'32	23°49	14°26	7°51	20°51	22°17	26°27	24° 2	27°44	4°21	20°51	20°26	29° 4	n.a.	S 4
S 5	8 43 29	12°44'30	8♒20	15°25	9° 4	21°36	22°31	26°31	24° 5	27°46	4°20	20°40	20°23	29°10	n.a.	S 5
M 6	8 47 26	13°44'27	23° 8	16°26	10°17	22°20	22°46	26°35	24° 9	27°48	4°18	20°28	20°20	29°17	n.a.	M 6
T 7	8 51 23	14°44'21	8♓ 4	17°30	11°30	23° 5	23° 0	26°39	24°12	27°50	4°17	20°16	20°17	29°24	n.a.	T 7
W 8	8 55 19	15°44'13	22°58	18°36	12°43	23°50	23°15	26°43	24°15	27°51	4°15	20° 7	20°14	29°30	n.a.	W 8
T 9	8 59 16	16°44'03	7♈43	19°44	13°56	24°34	23°29	26°47	24°18	27°53	4°14	20° 1	20°10	29°37	n.a.	T 9
F 10	9 3 12	17°43'51	22°13	20°55	15° 9	25°19	23°43	26°52	24°22	27°55	4°12	19°57	20° 7	29°44	n.a.	F 10
S 11	9 7 9	18°43'36	6♉24	22° 7	16°22	26° 3	23°58	26°56	24°25	27°57	4°11	19°55	20° 4	29°51	n.a.	S 11
S 12	9 11 5	19°43'19	20°15	23°22	17°35	26°48	24°12	27° 1	24°28	27°59	4° 9	19°55	20° 1	29°57	n.a.	S 12
M13	9 15 2	20°42'59	3♊47	24°38	18°48	27°32	24°27	27° 5	24°31	28° 0	4° 8	19°55	19°58	0♎ 4	n.a.	M13
T 14	9 18 58	21°42'37	17° 2	25°56	20° 1	28°17	24°41	27°10	24°35	28° 2	4° 6	19°53	19°54	0°11	n.a.	T 14
W15	9 22 55	22°42'13	0♋ 3	27°16	21°14	29° 2	24°56	27°15	24°38	28° 4	4° 5	19°49	19°51	0°17	n.a.	W15
T 16	9 26 52	23°41'46	12°51	28°37	22°27	29°46	25°10	27°20	24°41	28° 6	4° 3	19°43	19°48	0°24	n.a.	T 16
F 17	9 30 48	24°41'17	25°28	29°59	23°40	0♑31	25°25	27°24	24°44	28° 8	4° 2	19°33	19°45	0°31	n.a.	F 17
S 18	9 34 45	25°40'46	7♌55	1♒24	24°53	1°16	25°39	27°29	24°47	28°10	4° 1	19°20	19°42	0°37	n.a.	S 18
S 19	9 38 41	26°40'13	20°13	2°50	26° 6	2° 0	25°54	27°35	24°50	28°12	3°59	19° 7	19°39	0°44	n.a.	S 19
M20	9 42 38	27°39'37	2♍22	4°18	27°19	2°45	26° 8	27°40	24°53	28°14	3°58	18°53	19°35	0°51	n.a.	M20
T 21	9 46 34	28°38'59	14°24	5°46	28°32	3°30	26°22	27°45	24°56	28°16	3°56	18°39	19°32	0°57	n.a.	T 21
W22	9 50 31	29°38'19	26°19	7°17	29°45	4°15	26°37	27°50	24°59	28°18	3°55	18°28	19°29	1° 4	n.a.	W22
T 23	9 54 27	0♓37'37	8♎10	8°49	0♒58	4°59	26°51	27°56	25° 2	28°20	3°54	18°19	19°26	1°11	n.a.	T 23
F 24	9 58 24	1°36'52	19°58	10°22	2°11	5°44	27° 6	28° 1	25° 5	28°22	3°52	18°13	19°23	1°18	n.a.	F 24
S 25	10 2 20	2°36'06	1♏48	11°56	3°24	6°29	27°20	28° 7	25° 8	28°24	3°51	18°10	19°20	1°24	n.a.	S 25
S 26	10 6 17	3°35'18	13°44	13°32	4°37	7°14	27°35	28°12	25°11	28°26	3°50	18°D 9	19°16	1°31	n.a.	S 26
M27	10 10 14	4°34'29	25°51	15°10	5°50	7°59	27°49	28°18	25°14	28°28	3°48	18° 9	19°13	1°38	n.a.	M27
T 28	10 14 10	5♓33'37	8♐13	16♒48	7♒ 3	8♑43	28♒ 3	28♈24	25♑17	28♓31	3♌47	18°R 9	19♉10	1♎44	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s18	24s27	1s52	22s33	0n39	23s14	0n26	23s37	0s23	15s31	1s 6	8n12	2s13	22s 9	0s34	2s38	1s51	31n40	12n41	18n16	18n 7	4n13		n.a.
T 2	18 2	26 33	2 53	22 39	0 28	23 14	0 23	23 41	0 24	15 27	1 6	8 14	2 12	22 9	0 34	2 37	1 51	31 40	12 41	18 15	18 6	4 10		n.a.
F 3	17 45	27 8	3 46	22 45	0 17	23 14	0 19	23 46	0 25	15 22	1 6	8 15	2 12	22 8	0 34	2 36	1 50	31 40	12 41	18 13	18 5	4 7		n.a.
S 4	17 28	26 0	4 28	22 50	0 7	23 13	0 16	23 50	0 25	15 17	1 6	8 17	2 12	22 7	0 34	2 36	1 50	31 41	12 41	18 11	18 4	4 4		n.a.
S 5	17 11	23 7	4 53	22 53	0s 4	23 12	0 13	23 54	0 26	15 13	1 6	8 19	2 11	22 7	0 34	2 35	1 50	31 41	12 41	18 8	18 4	4 0		n.a.
M 6	16 54	18 41	5 0	22 56	0 14	23 10	0 10	23 58	0 27	15 8	1 6	8 20	2 11	22 6	0 34	2 34	1 50	31 42	12 41	18 5	18 3	3 57		n.a.
T 7	16 37	13 3	4 46	22 57	0 23	23 7	0 7	24 1	0 28	15 3	1 6	8 22	2 11	22 6	0 34	2 33	1 50	31 42	12 41	18 2	18 2	3 54		n.a.
W 8	16 19	6 41	4 13	22 57	0 32	23 3	0 4	24 4	0 29	14 58	1 6	8 24	2 11	22 5	0 34	2 33	1 50	31 43	12 41	17 59	18 1	3 51		n.a.
T 9	16 1	0 0	3 23	22 56	0 41	22 59	0 1	24 7	0 30	14 54	1 6	8 26	2 10	22 5	0 34	2 32	1 50	31 43	12 41	17 57	18 0	3 48		n.a.
F 10	15 42	6n35	2 21	22 54	0 50	22 54	0s 2	24 10	0 31	14 49	1 6	8 27	2 10	22 4	0 34	2 31	1 50	31 43	12 41	17 56	17 59	3 44		n.a.
S 11	15 24	12 42	1 11	22 50	0 58	22 48	0 5	24 12	0 32	14 44	1 6	8 29	2 10	22 3	0 34	2 30	1 50	31 44	12 41	17 56	17 58	3 41		n.a.
S 12	15 5	18 3	0n 2	22 45	1 5	22 42	0 8	24 14	0 33	14 39	1 6	8 31	2 10	22 3	0 34	2 30	1 50	31 44	12 41	17 56	17 58	3 38		n.a.
M13	14 46	22 21	1 13	22 39	1 13	22 35	0 11	24 16	0 34	14 34	1 6	8 33	2 9	22 2	0 34	2 29	1 50	31 44	12 41	17 56	17 57	3 35		n.a.
T 14	14 26	25 23	2 18	22 31	1 20	22 27	0 14	24 18	0 35	14 29	1 6	8 35	2 9	22 2	0 34	2 28	1 50	31 45	12 41	17 55	17 56	3 32		n.a.
W15	14 7	26 59	3 15	22 22	1 26	22 19	0 17	24 19	0 36	14 24	1 6	8 37	2 9	22 1	0 34	2 27	1 50	31 45	12 41	17 54	17 55	3 28		n.a.
T 16	13 47	27 6	4 1	22 12	1 33	22 10	0 20	24 20	0 37	14 20	1 6	8 39	2 9	22 1	0 34	2 26	1 50	31 45	12 41	17 53	17 54	3 25		n.a.
F 17	13 27	25 47	4 34	22 0	1 38	22 0	0 23	24 21	0 38	14 15	1 6	8 41	2 8	22 0	0 34	2 26	1 50	31 46	12 41	17 50	17 53	3 22		n.a.
S 18	13 7	23 14	4 54	21 46	1 44	21 50	0 26	24 22	0 39	14 10	1 6	8 43	2 8	22 0	0 34	2 25	1 50	31 46	12 41	17 46	17 52	3 19		n.a.
S 19	12 46	19 39	5 0	21 32	1 49	21 39	0 28	24 22	0 39	14 5	1 6	8 45	2 8	21 59	0 34	2 24	1 50	31 46	12 41	17 43	17 51	3 15		n.a.
M20	12 26	15 17	4 52	21 15	1 53	21 28	0 31	24 22	0 40	14 0	1 6	8 47	2 8	21 59	0 34	2 23	1 50	31 47	12 41	17 39	17 51	3 12		n.a.
T 21	12 5	10 22	4 31	20 57	1 57	21 15	0 34	24 22	0 41	13 55	1 6	8 49	2 7	21 58	0 34	2 22	1 50	31 47	12 41	17 35	17 50	3 9		n.a.
W22	11 44	5 7	3 58	20 38	2 1	21 3	0 36	24 22	0 42	13 50	1 6	8 51	2 7	21 57	0 35	2 22	1 50	31 47	12 41	17 32	17 49	3 6		n.a.
T 23	11 23	0s18	3 15	20 17	2 5	20 49	0 39	24 21	0 43	13 45	1 7	8 54	2 7	21 57	0 35	2 21	1 50	31 47	12 41	17 29	17 48	3 3		n.a.
F 24	11 2	5 41	2 23	19 54	2 7	20 35	0 42	24 20	0 44	13 40	1 7	8 56	2 7	21 56	0 35	2 20	1 50	31 48	12 41	17 28	17 47	2 59		n.a.
S 25	10 40	10 54	1 26	19 30	2 10	20 21	0 44	24 19	0 45	13 35	1 7	8 58	2 6	21 56	0 35	2 19	1 50	31 48	12 40	17 27	17 46	2 56		n.a.
S 26	10 19	15 47	0 23	19 4	2 12	20 5	0 46	24 18	0 46	13 30	1 7	9 0	2 6	21 55	0 35	2 18	1 50	31 48	12 40	17 27	17 45	2 53		n.a.
M27	9 57	20 7	0s41	18 36	2 13	19 50	0 49	24 16	0 47	13 25	1 7	9 2	2 6	21 55	0 35	2 17	1 50	31 48	12 40	17 27	17 44	2 50		n.a.
T 28	9s35	23s40	1s45	18s 7	2s14	19s33	0s51	24s14	0s48	13s20	1s 7	9n 5	2s 6	21s54	0s35	2s16	1s50	31n48	12n40	17n27	17n44	2n46		n.a.

Julian Day Number = 1623567.5, Delta T = 03h46m05s
Ecliptic obliquity = 23°43'45, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'10, Lahiri = - 7°39'09 Julian Calendar 1 Feb. 268 BCE == Greg. Calendar 28 Jan. 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

MARCH 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 18 7	6♓32'44	20♐57	18♒29	8♒16	9♑28	28♒18	28♈30	25♑20	28♓33	3°R46	18°R 8	19♉ 7	1♎51	n.a.	W 1
T 2	10 22 3	7°31'48	4♑ 6	20°10	9°30	10°13	28°32	28°36	25°23	28°35	3♌45	18♉ 5	19° 4	1°58	n.a.	T 2
F 3	10 26 0	8°30'51	17°45	21°53	10°43	10°58	28°47	28°41	25°25	28°37	3°43	18° 0	19° 0	2° 4	n.a.	F 3
S 4	10 29 56	9°29'52	1♒53	23°38	11°56	11°43	29° 1	28°48	25°28	28°39	3°42	17°53	18°57	2°11	n.a.	S 4
S 5	10 33 53	10°28'51	16°28	25°23	13° 9	12°28	29°15	28°54	25°31	28°41	3°41	17°43	18°54	2°18	n.a.	S 5
M 6	10 37 49	11°27'48	1♓26	27°11	14°22	13°12	29°30	29° 0	25°33	28°43	3°40	17°33	18°51	2°24	n.a.	M 6
T 7	10 41 46	12°26'43	16°36	29° 0	15°35	13°57	29°44	29° 6	25°36	28°46	3°39	17°23	18°48	2°31	n.a.	T 7
W 8	10 45 43	13°25'35	1♈49	0♓50	16°48	14°42	29°58	29°12	25°39	28°48	3°38	17°15	18°45	2°38	n.a.	W 8
T 9	10 49 39	14°24'25	16°53	2°41	18° 2	15°27	0♓12	29°19	25°41	28°50	3°36	17°10	18°41	2°44	n.a.	T 9
F 10	10 53 36	15°23'14	1♉42	4°35	19°15	16°12	0°27	29°25	25°44	28°52	3°35	17° 6	18°38	2°51	n.a.	F 10
S 11	10 57 32	16°21'59	16° 8	6°29	20°28	16°57	0°41	29°31	25°46	28°54	3°34	17°D 6	18°35	2°58	n.a.	S 11
S 12	11 1 29	17°20'43	0♊ 9	8°25	21°41	17°41	0°55	29°38	25°49	28°57	3°33	17° 6	18°32	3° 5	n.a.	S 12
M13	11 5 25	18°19'24	13°46	10°23	22°54	18°26	1° 9	29°45	25°51	28°59	3°32	17°R 7	18°29	3°11	n.a.	M13
T 14	11 9 22	19°18'03	27° 0	12°22	24° 8	19°11	1°23	29°51	25°54	29° 1	3°31	17° 6	18°25	3°18	n.a.	T 14
W15	11 13 18	20°16'40	9♋55	14°22	25°21	19°56	1°37	29°58	25°56	29° 3	3°30	17° 4	18°22	3°25	n.a.	W15
T 16	11 17 15	21°15'14	22°33	16°24	26°34	20°41	1°51	0♉ 5	25°58	29° 6	3°29	17° 0	18°19	3°31	n.a.	T 16
F 17	11 21 12	22°13'46	4♌58	18°27	27°47	21°26	2° 5	0°11	26° 1	29° 8	3°28	16°54	18°16	3°38	n.a.	F 17
S 18	11 25 8	23°12'15	17°13	20°31	29° 0	22°10	2°19	0°18	26° 3	29°10	3°28	16°45	18°13	3°45	n.a.	S 18
S 19	11 29 5	24°10'43	29°18	22°36	0♓13	22°55	2°33	0°25	26° 5	29°12	3°27	16°36	18°10	3°51	n.a.	S 19
M20	11 33 1	25° 9'08	11♍18	24°42	1°27	23°40	2°47	0°32	26° 7	29°15	3°26	16°26	18° 6	3°58	n.a.	M20
T 21	11 36 58	26° 7'31	23°12	26°49	2°40	24°25	3° 1	0°39	26° 9	29°17	3°25	16°16	18° 3	4° 5	n.a.	T 21
W22	11 40 54	27° 5'53	5♎ 3	28°57	3°53	25°10	3°15	0°46	26°12	29°19	3°24	16° 8	18° 0	4°11	n.a.	W22
T 23	11 44 51	28° 4'12	16°53	1♈ 4	5° 6	25°54	3°28	0°53	26°14	29°21	3°23	16° 2	17°57	4°18	n.a.	T 23
F 24	11 48 47	29° 2'29	28°43	3°13	6°19	26°39	3°42	1° 0	26°16	29°24	3°23	15°58	17°54	4°25	n.a.	F 24
S 25	11 52 44	0♈ 0'45	10♏36	5°20	7°33	27°24	3°56	1° 7	26°18	29°26	3°22	15°D57	17°51	4°31	n.a.	S 25
S 26	11 56 40	0°58'59	22°35	7°28	8°46	28° 9	4°10	1°14	26°20	29°28	3°21	15°57	17°47	4°38	n.a.	S 26
M27	12 0 37	1°57'12	4♐44	9°35	9°59	28°53	4°23	1°22	26°21	29°30	3°21	15°58	17°44	4°45	n.a.	M27
T 28	12 4 34	2°55'23	17° 8	11°41	11°12	29°38	4°37	1°29	26°23	29°33	3°20	15°59	17°41	4°51	n.a.	T 28
W29	12 8 30	3°53'32	29°50	13°45	12°25	0♒23	4°50	1°36	26°25	29°35	3°19	16°R 0	17°38	4°58	n.a.	W29
T 30	12 12 27	4°51'40	12♑56	15°48	13°39	1° 8	5° 4	1°44	26°27	29°37	3°19	16° 0	17°35	5° 5	n.a.	T 30
F 31	12 16 23	5♈49'46	26♑27	17♈49	14♓52	1♒52	5♓17	1♉51	26♑29	29♓39	3♌18	15♉58	17♉31	5♎11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	9s13	26s 9	2s45	17s36	2s15	19s16	0s53	24s12	0s49	13s15	1s 7	9n 7	2s 5	21s54	0s35	2s16	1s50	31n49	12n40	17n26	17n43	2n43			n.a.
T 2	8 51	27 18	3 39	17 4	2 15	18 59	0 56	24 10	0 50	13 10	1 7	9 9	2 5	21 53	0 35	2 15	1 50	31 49	12 40	17 26	17 42	2 40			n.a.
F 3	8 29	26 52	4 22	16 30	2 15	18 41	0 58	24 7	0 51	13 5	1 7	9 12	2 5	21 53	0 35	2 14	1 50	31 49	12 40	17 24	17 41	2 37			n.a.
S 4	8 6	24 42	4 51	15 54	2 14	18 23	1 0	24 4	0 52	13 0	1 7	9 14	2 5	21 52	0 35	2 13	1 50	31 49	12 39	17 22	17 40	2 33			n.a.
S 5	7 44	20 53	5 3	15 17	2 12	18 4	1 2	24 1	0 53	12 55	1 7	9 16	2 5	21 52	0 35	2 12	1 50	31 49	12 39	17 19	17 39	2 30			n.a.
M 6	7 21	15 40	4 54	14 38	2 10	17 44	1 4	23 58	0 54	12 50	1 7	9 19	2 4	21 51	0 35	2 11	1 50	31 49	12 39	17 16	17 38	2 27			n.a.
T 7	6 58	9 24	4 25	13 58	2 8	17 24	1 6	23 54	0 55	12 45	1 7	9 21	2 4	21 51	0 35	2 10	1 50	31 50	12 39	17 14	17 37	2 24			n.a.
W 8	6 35	2 35	3 37	13 15	2 5	17 4	1 8	23 50	0 56	12 40	1 7	9 24	2 4	21 50	0 35	2 9	1 50	31 50	12 39	17 11	17 37	2 21			n.a.
T 9	6 13	4n21	2 34	12 32	2 2	16 43	1 9	23 46	0 57	12 35	1 7	9 26	2 4	21 50	0 35	2 8	1 50	31 50	12 39	17 10	17 36	2 17			n.a.
F 10	5 50	10 56	1 21	11 46	1 58	16 21	1 11	23 42	0 58	12 30	1 8	9 29	2 4	21 50	0 35	2 8	1 50	31 50	12 38	17 9	17 35	2 14			n.a.
S 11	5 27	16 47	0 5	10 59	1 53	15 59	1 13	23 37	0 59	12 25	1 8	9 31	2 3	21 49	0 35	2 7	1 49	31 50	12 38	17 9	17 34	2 11			n.a.
S 12	5 3	21 33	1n 9	10 11	1 48	15 37	1 14	23 32	1 0	12 20	1 8	9 34	2 3	21 49	0 35	2 6	1 49	31 50	12 38	17 9	17 33	2 8			n.a.
M13	4 40	25 0	2 18	9 20	1 42	15 14	1 16	23 27	1 1	12 15	1 8	9 36	2 3	21 48	0 35	2 5	1 49	31 50	12 38	17 9	17 32	2 4			n.a.
T 14	4 17	26 58	3 17	8 29	1 36	14 51	1 17	23 22	1 2	12 10	1 8	9 39	2 3	21 48	0 35	2 4	1 49	31 50	12 38	17 9	17 31	2 1			n.a.
W15	3 54	27 25	4 4	7 36	1 29	14 28	1 19	23 16	1 3	12 5	1 8	9 41	2 3	21 47	0 35	2 3	1 49	31 50	12 37	17 8	17 30	1 58			n.a.
T 16	3 30	26 23	4 38	6 41	1 22	14 4	1 20	23 10	1 4	12 0	1 8	9 44	2 2	21 47	0 35	2 2	1 49	31 50	12 37	17 7	17 29	1 55			n.a.
F 17	3 7	24 5	4 59	5 46	1 15	13 39	1 21	23 4	1 5	11 55	1 8	9 46	2 2	21 47	0 35	2 1	1 49	31 50	12 37	17 5	17 29	1 51			n.a.
S 18	2 44	20 42	5 5	4 49	1 6	13 15	1 22	22 58	1 6	11 50	1 8	9 49	2 2	21 46	0 35	2 0	1 49	31 50	12 37	17 3	17 28	1 48			n.a.
S 19	2 20	16 30	4 58	3 51	0 58	12 50	1 24	22 52	1 7	11 45	1 8	9 51	2 2	21 46	0 35	1 59	1 49	31 50	12 37	17 0	17 27	1 45			n.a.
M20	1 57	11 41	4 38	2 52	0 49	12 24	1 25	22 45	1 8	11 40	1 8	9 54	2 2	21 45	0 35	1 58	1 49	31 50	12 36	16 57	17 26	1 41			n.a.
T 21	1 33	6 28	4 5	1 53	0 39	11 59	1 26	22 38	1 9	11 35	1 9	9 57	2 2	21 45	0 35	1 58	1 49	31 50	12 36	16 54	17 25	1 38			n.a.
W22	1 10	1 3	3 22	0 52	0 29	11 33	1 27	22 31	1 10	11 30	1 9	9 59	2 1	21 45	0 35	1 57	1 49	31 50	12 36	16 52	17 24	1 35			n.a.
T 23	0 47	4s24	2 30	0n 9	0 19	11 6	1 27	22 23	1 11	11 25	1 9	10 2	2 1	21 44	0 35	1 56	1 49	31 50	12 36	16 50	17 23	1 32			n.a.
F 24	0 23	9 43	1 32	1 10	0 8	10 40	1 28	22 16	1 12	11 20	1 9	10 4	2 1	21 44	0 35	1 55	1 49	31 50	12 35	16 49	17 22	1 28			n.a.
S 25	0n 0	14 43	0 29	2 11	0n 2	10 13	1 29	22 8	1 13	11 15	1 9	10 7	2 1	21 44	0 35	1 54	1 49	31 50	12 35	16 49	17 21	1 25			n.a.
S 26	0 24	19 13	0s36	3 12	0 13	9 46	1 30	22 0	1 14	11 10	1 9	10 10	2 1	21 43	0 35	1 53	1 49	31 50	12 35	16 49	17 20	1 22			n.a.
M27	0 47	22 59	1 40	4 13	0 24	9 18	1 30	21 51	1 15	11 5	1 9	10 12	2 1	21 43	0 35	1 52	1 49	31 50	12 35	16 49	17 20	1 19			n.a.
T 28	1 11	25 46	2 41	5 13	0 35	8 51	1 31	21 43	1 16	11 1	1 9	10 15	2 0	21 43	0 35	1 51	1 49	31 50	12 34	16 49	17 19	1 15			n.a.
W29	1 34	27 19	3 36	6 12	0 46	8 23	1 31	21 34	1 17	10 56	1 9	10 18	2 0	21 42	0 35	1 50	1 49	31 50	12 34	16 50	17 18	1 12			n.a.
T 30	1 57	27 25	4 21	7 10	0 57	7 55	1 31	21 25	1 18	10 51	1 10	10 20	2 0	21 42	0 36	1 49	1 49	31 50	12 34	16 50	17 17	1 9			n.a.
F 31	2n21	25s54	4s53	8n 6	1n 7	7s26	1s32	21s16	1s19	10s46	1s10	10n23	2s 0	21s42	0s36	1s48	1s49	31n50	12n34	16n49	17n16	1n 6			n.a.

Julian Day Number = 1623595.5, Delta T = 03h46m04s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'06, Lahiri = - 7°39'06 Julian Calendar 1 March 268 BCE == Greg. Calendar 25 Feb. 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

APRIL 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 20 20	6♈47'51	10♒27	19♈48	16♓ 5	2♒37	5♓31	1♉58	26♑30	29♓42	3°R18	15°R55	17♉28	5♎18	n.a.	S 1
S 2	12 24 16	7°45'54	24°54	21°45	17°18	3°22	5°44	2° 6	26°32	29°44	3♌17	15♉50	17°25	5°25	n.a.	S 2
M 3	12 28 13	8°43'56	9♓45	23°39	18°32	4° 6	5°57	2°13	26°34	29°46	3°17	15°45	17°22	5°32	n.a.	M 3
T 4	12 32 9	9°41'56	24°52	25°29	19°45	4°51	6°10	2°21	26°35	29°48	3°16	15°39	17°19	5°38	n.a.	T 4
W 5	12 36 6	10°39'54	10♈ 7	27°17	20°58	5°35	6°24	2°28	26°37	29°51	3°16	15°35	17°16	5°45	n.a.	W 5
T 6	12 40 3	11°37'51	25°19	29° 2	22°11	6°20	6°37	2°36	26°38	29°53	3°16	15°32	17°12	5°52	n.a.	T 6
F 7	12 43 59	12°35'46	10♉18	0♉43	23°25	7° 5	6°50	2°43	26°39	29°55	3°15	15°D31	17° 9	5°58	n.a.	F 7
S 8	12 47 56	13°33'39	24°56	2°21	24°38	7°49	7° 3	2°51	26°41	29°57	3°15	15°31	17° 6	6° 5	n.a.	S 8
S 9	12 51 52	14°31'31	9♊10	3°55	25°51	8°33	7°16	2°59	26°42	29°59	3°15	15°32	17° 3	6°12	n.a.	S 9
M10	12 55 49	15°29'20	22°57	5°26	27° 4	9°18	7°28	3° 6	26°43	0♈ 2	3°14	15°34	17° 0	6°18	n.a.	M10
T 11	12 59 45	16°27'08	6♋18	6°53	28°18	10° 2	7°41	3°14	26°45	0° 4	3°14	15°35	16°57	6°25	n.a.	T 11
W12	13 3 42	17°24'54	19°15	8°16	29°31	10°47	7°54	3°22	26°46	0° 6	3°14	15°R35	16°53	6°32	n.a.	W12
T 13	13 7 38	18°22'39	1♌52	9°35	0♈44	11°31	8° 7	3°29	26°47	0° 8	3°14	15°35	16°50	6°38	n.a.	T 13
F 14	13 11 35	19°20'21	14°13	10°51	1°57	12°15	8°19	3°37	26°48	0°10	3°13	15°33	16°47	6°45	n.a.	F 14
S 15	13 15 32	20°18'02	26°21	12° 2	3°11	13° 0	8°32	3°45	26°49	0°13	3°13	15°29	16°44	6°52	n.a.	S 15
S 16	13 19 28	21°15'41	8♍20	13° 9	4°24	13°44	8°44	3°53	26°50	0°15	3°13	15°26	16°41	6°58	n.a.	S 16
M17	13 23 25	22°13'18	20°14	14°13	5°37	14°28	8°57	4° 0	26°51	0°17	3°13	15°22	16°37	7° 5	n.a.	M17
T 18	13 27 21	23°10'54	2♎ 4	15°12	6°50	15°12	9° 9	4° 8	26°52	0°19	3°13	15°18	16°34	7°12	n.a.	T 18
W19	13 31 18	24° 8'28	13°54	16° 7	8° 4	15°56	9°21	4°16	26°53	0°21	3°D13	15°15	16°31	7°18	n.a.	W19
T 20	13 35 14	25° 6'01	25°45	16°57	9°17	16°40	9°33	4°24	26°54	0°23	3°13	15°13	16°28	7°25	n.a.	T 20
F 21	13 39 11	26° 3'33	7♏39	17°44	10°30	17°24	9°45	4°32	26°54	0°25	3°13	15°12	16°25	7°32	n.a.	F 21
S 22	13 43 7	27° 1'03	19°40	18°26	11°44	18° 8	9°57	4°39	26°55	0°27	3°13	15°D12	16°22	7°38	n.a.	S 22
S 23	13 47 4	27°58'33	1♐48	19° 3	12°57	18°52	10° 9	4°47	26°56	0°29	3°13	15°13	16°18	7°45	n.a.	S 23
M24	13 51 0	28°56'01	14° 7	19°36	14°10	19°36	10°21	4°55	26°56	0°31	3°14	15°14	16°15	7°52	n.a.	M24
T 25	13 54 57	29°53'28	26°39	20° 4	15°23	20°20	10°33	5° 3	26°57	0°34	3°14	15°15	16°12	7°58	n.a.	T 25
W26	13 58 54	0♉50'55	9♑27	20°28	16°37	21° 4	10°44	5°11	26°57	0°36	3°14	15°16	16° 9	8° 5	n.a.	W26
T 27	14 2 50	1°48'21	22°34	20°47	17°50	21°48	10°56	5°19	26°58	0°38	3°14	15°17	16° 6	8°12	n.a.	T 27
F 28	14 6 47	2°45'45	6♒ 2	21° 1	19° 3	22°32	11° 7	5°27	26°58	0°40	3°14	15°R17	16° 2	8°18	n.a.	F 28
S 29	14 10 43	3°43'09	19°54	21°11	20°17	23°15	11°19	5°35	26°59	0°42	3°15	15°17	15°59	8°25	n.a.	S 29
S 30	14 14 40	4♉40'33	4♓ 8	21♉16	21♈30	23♒59	11♓30	5♉43	26♑59	0♈43	3♌15	15♉16	15♉56	8♎32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n44	22s47	5s 9	9n 2	1n17	6s58	1s32	21s 7	1s20	10s41	1s10	10n26	2s 0	21s41	0s36	1s48	1s49	31n49	12n33	16n48	17n15	1n 2		n.a.
S 2	3 7	18 11	5 7	9 55	1 27	6 29	1 32	20 57	1 21	10 36	1 10	10 28	2 0	21 41	0 36	1 47	1 49	31 49	12 33	16 47	17 14	0 59		n.a.
M 3	3 30	12 23	4 44	10 47	1 36	6 0	1 32	20 48	1 22	10 31	1 10	10 31	2 0	21 41	0 36	1 46	1 50	31 49	12 33	16 45	17 13	0 56		n.a.
T 4	3 53	5 45	4 1	11 36	1 45	5 31	1 32	20 38	1 23	10 26	1 10	10 34	1 59	21 41	0 36	1 45	1 50	31 49	12 33	16 44	17 12	0 52		n.a.
W 5	4 16	1n17	3 1	12 24	1 54	5 2	1 32	20 28	1 24	10 22	1 10	10 37	1 59	21 40	0 36	1 44	1 50	31 49	12 32	16 42	17 11	0 49		n.a.
T 6	4 39	8 14	1 48	13 9	2 1	4 32	1 32	20 17	1 25	10 17	1 10	10 39	1 59	21 40	0 36	1 43	1 50	31 49	12 32	16 41	17 11	0 46		n.a.
F 7	5 2	14 38	0 29	13 52	2 8	4 3	1 32	20 7	1 26	10 12	1 11	10 42	1 59	21 40	0 36	1 42	1 50	31 49	12 32	16 41	17 10	0 43		n.a.
S 8	5 25	20 4	0n51	14 32	2 15	3 33	1 32	19 56	1 27	10 7	1 11	10 45	1 59	21 40	0 36	1 41	1 50	31 48	12 31	16 41	17 9	0 39		n.a.
S 9	5 48	24 10	2 6	15 10	2 20	3 4	1 31	19 45	1 28	10 3	1 11	10 48	1 59	21 39	0 36	1 41	1 50	31 48	12 31	16 41	17 8	0 36		n.a.
M10	6 10	26 43	3 11	15 46	2 25	2 34	1 31	19 34	1 29	9 58	1 11	10 50	1 59	21 39	0 36	1 40	1 50	31 48	12 31	16 42	17 7	0 33		n.a.
T 11	6 33	27 37	4 3	16 19	2 29	2 4	1 30	19 23	1 30	9 53	1 11	10 53	1 59	21 39	0 36	1 39	1 50	31 48	12 31	16 42	17 6	0 29		n.a.
W12	6 55	26 58	4 41	16 50	2 32	1 34	1 30	19 12	1 31	9 49	1 11	10 56	1 59	21 39	0 36	1 38	1 50	31 47	12 30	16 42	17 5	0 26		n.a.
T 13	7 17	24 56	5 5	17 18	2 35	1 4	1 29	19 0	1 32	9 44	1 12	10 58	1 58	21 39	0 36	1 37	1 50	31 47	12 30	16 42	17 4	0 23		n.a.
F 14	7 40	21 45	5 14	17 44	2 36	0 34	1 29	18 49	1 33	9 39	1 12	11 1	1 58	21 38	0 36	1 36	1 50	31 47	12 30	16 42	17 3	0 20		n.a.
S 15	8 2	17 42	5 8	18 7	2 37	0 4	1 28	18 37	1 34	9 35	1 12	11 4	1 58	21 38	0 36	1 35	1 50	31 47	12 29	16 41	17 2	0 16		n.a.
S 16	8 23	13 0	4 49	18 28	2 37	0n26	1 27	18 25	1 35	9 30	1 12	11 7	1 58	21 38	0 36	1 35	1 50	31 46	12 29	16 40	17 1	0 13		n.a.
M17	8 45	7 51	4 18	18 46	2 36	0 56	1 26	18 13	1 36	9 26	1 12	11 9	1 58	21 38	0 36	1 34	1 50	31 46	12 29	16 38	17 0	0 10		n.a.
T 18	9 7	2 27	3 36	19 2	2 33	1 26	1 26	18 1	1 37	9 21	1 12	11 12	1 58	21 38	0 36	1 33	1 50	31 46	12 28	16 37	17 0	0 6		n.a.
W19	9 28	3s 2	2 44	19 15	2 30	1 57	1 25	17 48	1 38	9 17	1 13	11 15	1 58	21 38	0 36	1 32	1 50	31 46	12 28	16 36	16 59	0 3		n.a.
T 20	9 50	8 26	1 45	19 26	2 26	2 27	1 24	17 36	1 39	9 12	1 13	11 18	1 58	21 37	0 36	1 31	1 50	31 45	12 28	16 36	16 58	0s 0		n.a.
F 21	10 11	13 35	0 42	19 35	2 21	2 57	1 23	17 23	1 40	9 8	1 13	11 20	1 58	21 37	0 36	1 30	1 50	31 45	12 28	16 35	16 57	0 3		n.a.
S 22	10 32	18 16	0s25	19 41	2 16	3 27	1 21	17 10	1 41	9 3	1 13	11 23	1 58	21 37	0 36	1 30	1 50	31 45	12 27	16 35	16 56	0 7		n.a.
S 23	10 53	22 15	1 31	19 45	2 9	3 57	1 20	16 57	1 42	8 59	1 13	11 26	1 58	21 37	0 36	1 29	1 50	31 44	12 27	16 36	16 55	0 10		n.a.
M24	11 14	25 18	2 33	19 47	2 1	4 27	1 19	16 44	1 42	8 54	1 13	11 28	1 58	21 37	0 36	1 28	1 50	31 44	12 27	16 36	16 54	0 13		n.a.
T 25	11 34	27 11	3 30	19 46	1 52	4 56	1 18	16 31	1 43	8 50	1 14	11 31	1 57	21 37	0 36	1 27	1 50	31 44	12 26	16 36	16 53	0 17		n.a.
W26	11 54	27 40	4 17	19 43	1 42	5 26	1 16	16 18	1 44	8 46	1 14	11 34	1 57	21 37	0 36	1 26	1 50	31 43	12 26	16 37	16 52	0 20		n.a.
T 27	12 15	26 37	4 52	19 38	1 32	5 56	1 15	16 4	1 45	8 42	1 14	11 37	1 57	21 37	0 36	1 26	1 50	31 43	12 26	16 37	16 51	0 23		n.a.
F 28	12 35	24 2	5 13	19 31	1 20	6 25	1 13	15 51	1 46	8 37	1 14	11 39	1 57	21 37	0 37	1 25	1 50	31 43	12 25	16 37	16 50	0 26		n.a.
S 29	12 54	20 0	5 16	19 21	1 7	6 54	1 12	15 37	1 47	8 33	1 14	11 42	1 57	21 37	0 37	1 24	1 50	31 42	12 25	16 37	16 49	0 30		n.a.
S 30	13n14	14s45	5s 0	19n10	0n54	7n24	1s10	15s23	1s48	8s29	1s15	11n45	1s57	21s37	0s37	1s23	1s50	31n42	12n25	16n37	16n48	0s33		n.a.

Julian Day Number = 1623626.5, Delta T = 03h46m03s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°46'02, Lahiri = - 7°39'01 Julian Calendar 1 Apr. 268 BCE == Greg. Calendar 28 March 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

MAY 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 18 36	5♉37'55	18♓43	21°R17	22♈43	24♒43	11♓41	5♉50	26♑59	0♈45	3♌15	15°R15	15♉53	8♎38	n.a.	M 1
T 2	14 22 33	6°35'16	3♈34	21♉13	23°57	25°26	11°53	5°58	27° 0	0°47	3°16	15♉14	15°50	8°45	n.a.	T 2
W 3	14 26 30	7°32'37	18°35	21° 4	25°10	26° 9	12° 4	6° 6	27° 0	0°49	3°16	15°13	15°47	8°52	n.a.	W 3
T 4	14 30 26	8°29'57	3♉37	20°51	26°24	26°53	12°15	6°14	27° 0	0°51	3°17	15°12	15°43	8°59	n.a.	T 4
F 5	14 34 23	9°27'17	18°32	20°35	27°37	27°36	12°25	6°22	27° 0	0°53	3°17	15°D12	15°40	9° 5	n.a.	F 5
S 6	14 38 19	10°24'35	3♊12	20°15	28°50	28°19	12°36	6°30	27°R 0	0°55	3°18	15°12	15°37	9°12	n.a.	S 6
S 7	14 42 16	11°21'52	17°31	19°51	0♉ 4	29° 3	12°47	6°38	27° 0	0°57	3°18	15°13	15°34	9°19	n.a.	S 7
M 8	14 46 12	12°19'09	1♋24	19°25	1°17	29°46	12°57	6°46	27° 0	0°58	3°19	15°13	15°31	9°25	n.a.	M 8
T 9	14 50 9	13°16'25	14°52	18°56	2°31	0♓29	13° 8	6°54	27° 0	1° 0	3°19	15°13	15°28	9°32	n.a.	T 9
W10	14 54 5	14°13'39	27°55	18°25	3°44	1°12	13°18	7° 1	27° 0	1° 2	3°20	15°13	15°24	9°39	n.a.	W10
T 11	14 58 2	15°10'52	10♌36	17°52	4°57	1°55	13°28	7° 9	26°59	1° 4	3°21	15°13	15°21	9°45	n.a.	T 11
F 12	15 1 59	16° 8'05	22°57	17°19	6°11	2°38	13°38	7°17	26°59	1° 6	3°21	15°14	15°18	9°52	n.a.	F 12
S 13	15 5 55	17° 5'17	5♍ 5	16°45	7°24	3°20	13°48	7°25	26°59	1° 7	3°22	15°14	15°15	9°59	n.a.	S 13
S 14	15 9 52	18° 2'27	17° 2	16°12	8°38	4° 3	13°58	7°33	26°58	1° 9	3°23	15°14	15°12	10° 5	n.a.	S 14
M15	15 13 48	18°59'37	28°53	15°39	9°51	4°46	14° 8	7°41	26°58	1°11	3°23	15°14	15° 8	10°12	n.a.	M15
T 16	15 17 45	19°56'46	10♎42	15° 7	11° 5	5°28	14°18	7°48	26°57	1°12	3°24	15°15	15° 5	10°19	n.a.	T 16
W17	15 21 41	20°53'54	22°33	14°38	12°18	6°11	14°27	7°56	26°57	1°14	3°25	15°15	15° 2	10°25	n.a.	W17
T 18	15 25 38	21°51'02	4♏28	14°11	13°31	6°53	14°37	8° 4	26°56	1°15	3°26	15°15	14°59	10°32	n.a.	T 18
F 19	15 29 34	22°48'10	16°31	13°46	14°45	7°35	14°46	8°12	26°56	1°17	3°27	15°R16	14°56	10°39	n.a.	F 19
S 20	15 33 31	23°45'17	28°43	13°25	15°58	8°17	14°55	8°19	26°55	1°19	3°28	15°15	14°53	10°45	n.a.	S 20
S 21	15 37 28	24°42'23	11♐ 5	13° 8	17°12	8°59	15° 4	8°27	26°55	1°20	3°29	15°15	14°49	10°52	n.a.	S 21
M22	15 41 24	25°39'30	23°40	12°54	18°25	9°41	15°13	8°35	26°54	1°22	3°30	15°14	14°46	10°59	n.a.	M22
T 23	15 45 21	26°36'36	6♑29	12°45	19°39	10°23	15°22	8°42	26°53	1°23	3°31	15°12	14°43	11° 5	n.a.	T 23
W24	15 49 17	27°33'42	19°31	12°40	20°52	11° 5	15°30	8°50	26°52	1°24	3°32	15°11	14°40	11°12	n.a.	W24
T 25	15 53 14	28°30'48	2♒49	12°D39	22° 6	11°47	15°39	8°58	26°51	1°26	3°33	15° 9	14°37	11°19	n.a.	T 25
F 26	15 57 10	29°27'55	16°22	12°44	23°20	12°29	15°47	9° 5	26°50	1°27	3°34	15° 8	14°34	11°25	n.a.	F 26
S 27	16 1 7	0♊25'01	0♓11	12°53	24°33	13°10	15°56	9°13	26°49	1°29	3°35	15°D 8	14°30	11°32	n.a.	S 27
S 28	16 5 4	1°22'07	14°16	13° 7	25°47	13°52	16° 4	9°20	26°48	1°30	3°36	15° 8	14°27	11°39	n.a.	S 28
M29	16 9 0	2°19'14	28°35	13°25	27° 0	14°33	16°12	9°28	26°47	1°31	3°37	15° 9	14°24	11°45	n.a.	M29
T 30	16 12 57	3°16'21	13♈ 5	13°49	28°14	15°14	16°20	9°35	26°46	1°33	3°38	15°10	14°21	11°52	n.a.	T 30
W31	16 16 53	4♊13'27	27♈44	14♉17	29♉28	15♓55	16♓27	9♉43	26♑45	1♈34	3♌39	15♉11	14♉18	11♎59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	13n34	8s34	4s24	18n56	0n40	7n53	1s 9	15s 9	1s49	8s25	1s15	11n47	1s57	21s37	0s37	1s23	1s50	31n42	12n24	16n36	16n48	0s36			n.a.
T 2	13 53	1 47	3 31	18 41	0 25	8 22	1 7	14 55	1 50	8 21	1 15	11 50	1 57	21 37	0 37	1 22	1 50	31 41	12 24	16 36	16 47	0 40			n.a.
W 3	14 12	5n11	2 22	18 24	0 10	8 50	1 6	14 41	1 51	8 17	1 15	11 53	1 57	21 37	0 37	1 21	1 50	31 41	12 24	16 36	16 46	0 43			n.a.
T 4	14 30	11 52	1 4	18 5	0s 6	9 19	1 4	14 27	1 52	8 12	1 15	11 55	1 57	21 37	0 37	1 20	1 50	31 40	12 24	16 36	16 45	0 46			n.a.
F 5	14 49	17 51	0n18	17 45	0 23	9 47	1 2	14 12	1 52	8 8	1 16	11 58	1 57	21 37	0 37	1 20	1 50	31 40	12 23	16 36	16 44	0 50			n.a.
S 6	15 7	22 39	1 38	17 23	0 40	10 15	1 0	13 58	1 53	8 5	1 16	12 1	1 57	21 37	0 37	1 19	1 50	31 40	12 23	16 36	16 43	0 53			n.a.
S 7	15 25	25 57	2 50	17 0	0 57	10 43	0 58	13 44	1 54	8 1	1 16	12 3	1 57	21 37	0 37	1 18	1 50	31 39	12 23	16 36	16 42	0 56			n.a.
M 8	15 43	27 33	3 49	16 37	1 14	11 11	0 56	13 29	1 55	7 57	1 16	12 6	1 57	21 37	0 37	1 18	1 50	31 39	12 22	16 36	16 41	0 59			n.a.
T 9	16 1	27 26	4 34	16 13	1 31	11 38	0 55	13 14	1 56	7 53	1 16	12 9	1 57	21 37	0 37	1 17	1 51	31 38	12 22	16 36	16 40	1 3			n.a.
W10	16 18	25 46	5 3	15 48	1 47	12 5	0 53	13 0	1 57	7 49	1 17	12 11	1 57	21 37	0 37	1 16	1 51	31 38	12 22	16 36	16 39	1 6			n.a.
T 11	16 35	22 51	5 16	15 23	2 4	12 32	0 51	12 45	1 58	7 45	1 17	12 14	1 57	21 37	0 37	1 16	1 51	31 37	12 21	16 36	16 38	1 9			n.a.
F 12	16 52	18 58	5 15	14 59	2 20	12 59	0 48	12 30	1 58	7 42	1 17	12 16	1 57	21 37	0 37	1 15	1 51	31 37	12 21	16 36	16 37	1 13			n.a.
S 13	17 8	14 23	4 59	14 34	2 35	13 25	0 46	12 15	1 59	7 38	1 17	12 19	1 57	21 37	0 37	1 14	1 51	31 36	12 21	16 36	16 36	1 16			n.a.
S 14	17 25	9 19	4 30	14 11	2 49	13 51	0 44	12 0	2 0	7 34	1 18	12 22	1 57	21 37	0 37	1 14	1 51	31 36	12 21	16 36	16 35	1 19			n.a.
M15	17 41	3 57	3 50	13 49	3 2	14 17	0 42	11 45	2 1	7 31	1 18	12 24	1 57	21 38	0 37	1 13	1 51	31 35	12 20	16 36	16 34	1 23			n.a.
T 16	17 56	1s32	3 0	13 28	3 15	14 42	0 40	11 30	2 2	7 27	1 18	12 27	1 57	21 38	0 37	1 12	1 51	31 35	12 20	16 36	16 33	1 26			n.a.
W17	18 12	6 59	2 3	13 9	3 26	15 7	0 38	11 15	2 3	7 24	1 18	12 29	1 57	21 38	0 37	1 12	1 51	31 35	12 20	16 36	16 33	1 29			n.a.
T 18	18 27	12 14	0 59	12 51	3 36	15 31	0 36	11 0	2 3	7 20	1 18	12 32	1 57	21 38	0 37	1 11	1 51	31 34	12 19	16 37	16 32	1 32			n.a.
F 19	18 42	17 5	0s 7	12 36	3 45	15 56	0 33	10 44	2 4	7 17	1 19	12 34	1 57	21 38	0 37	1 11	1 51	31 34	12 19	16 37	16 31	1 36			n.a.
S 20	18 56	21 19	1 14	12 22	3 52	16 19	0 31	10 29	2 5	7 13	1 19	12 37	1 57	21 38	0 37	1 10	1 51	31 33	12 19	16 36	16 30	1 39			n.a.
S 21	19 10	24 40	2 18	12 11	3 58	16 43	0 29	10 14	2 6	7 10	1 19	12 39	1 57	21 38	0 37	1 10	1 51	31 33	12 19	16 36	16 29	1 42			n.a.
M22	19 24	26 51	3 17	12 3	4 3	17 6	0 27	9 59	2 6	7 7	1 19	12 42	1 57	21 39	0 37	1 9	1 51	31 32	12 18	16 36	16 28	1 46			n.a.
T 23	19 38	27 41	4 7	11 57	4 6	17 28	0 24	9 43	2 7	7 4	1 20	12 44	1 57	21 39	0 37	1 8	1 51	31 32	12 18	16 36	16 27	1 49			n.a.
W24	19 51	26 59	4 45	11 53	4 8	17 50	0 22	9 28	2 8	7 0	1 20	12 47	1 57	21 39	0 37	1 8	1 51	31 31	12 18	16 35	16 26	1 52			n.a.
T 25	20 4	24 46	5 9	11 52	4 9	18 12	0 20	9 12	2 9	6 57	1 20	12 49	1 57	21 39	0 37	1 7	1 51	31 30	12 18	16 35	16 25	1 56			n.a.
F 26	20 17	21 8	5 16	11 54	4 8	18 33	0 17	8 57	2 9	6 54	1 20	12 51	1 57	21 39	0 38	1 7	1 51	31 30	12 17	16 34	16 24	1 59			n.a.
S 27	20 29	16 17	5 5	11 58	4 7	18 54	0 15	8 41	2 10	6 51	1 21	12 54	1 57	21 40	0 38	1 6	1 51	31 29	12 17	16 34	16 23	2 2			n.a.
S 28	20 41	10 30	4 36	12 5	4 4	19 14	0 13	8 26	2 11	6 48	1 21	12 56	1 57	21 40	0 38	1 6	1 52	31 29	12 17	16 34	16 22	2 6			n.a.
M29	20 53	4 5	3 50	12 14	4 0	19 34	0 10	8 10	2 12	6 45	1 21	12 59	1 57	21 40	0 38	1 5	1 52	31 28	12 17	16 35	16 21	2 9			n.a.
T 30	21 4	2n39	2 48	12 26	3 56	19 53	0 8	7 55	2 12	6 42	1 22	13 1	1 57	21 40	0 38	1 5	1 52	31 28	12 16	16 35	16 20	2 12			n.a.
W31	21n15	9n19	1s35	12n40	3s50	20n11	0s 6	7s39	2s13	6s40	1s22	13n 3	1s57	21s41	0s38	1s 4	1s52	31n27	12n16	16n35	16n19	2s15			n.a.

Julian Day Number = 1623656.5, Delta T = 03h46m02s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'58, Lahiri = - 7°38'57 Julian Calendar 1 May 268 BCE == Greg. Calendar 27 Apr. 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

JUNE 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 20 50	5♊10'35	12♉24	14♉51	0♊41	16♓36	16♓35	9♉50	26°R44	1♈35	3♌41	15°R12	14♉14	12♎ 5	n.a.	T 1
F 2	16 24 46	6° 7'42	27° 2	15°29	1°55	17°17	16°42	9°58	26♑43	1°36	3°42	15♉12	14°11	12°12	n.a.	F 2
S 3	16 28 43	7° 4'50	11♊29	16°11	3° 8	17°58	16°50	10° 5	26°42	1°38	3°43	15°10	14° 8	12°19	n.a.	S 3
S 4	16 32 39	8° 1'57	25°41	16°58	4°22	18°39	16°57	10°12	26°40	1°39	3°44	15° 8	14° 5	12°25	n.a.	S 4
M 5	16 36 36	8°59'05	9♋32	17°50	5°36	19°19	17° 4	10°20	26°39	1°40	3°46	15° 5	14° 2	12°32	n.a.	M 5
T 6	16 40 33	9°56'13	23° 1	18°47	6°50	20° 0	17°11	10°27	26°38	1°41	3°47	15° 1	13°59	12°39	n.a.	T 6
W 7	16 44 29	10°53'21	6♌ 6	19°47	8° 3	20°40	17°17	10°34	26°36	1°42	3°48	14°58	13°55	12°45	n.a.	W 7
T 8	16 48 26	11°50'28	18°49	20°53	9°17	21°20	17°24	10°41	26°35	1°43	3°50	14°55	13°52	12°52	n.a.	T 8
F 9	16 52 22	12°47'36	1♍12	22° 2	10°31	22° 0	17°30	10°48	26°33	1°44	3°51	14°53	13°49	12°59	n.a.	F 9
S 10	16 56 19	13°44'44	13°21	23°16	11°44	22°40	17°37	10°56	26°32	1°45	3°52	14°D53	13°46	13° 5	n.a.	S 10
S 11	17 0 15	14°41'51	25°18	24°34	12°58	23°20	17°43	11° 3	26°30	1°46	3°54	14°53	13°43	13°12	n.a.	S 11
M12	17 4 12	15°38'59	7♎ 9	25°56	14°12	23°59	17°49	11°10	26°28	1°47	3°55	14°54	13°40	13°19	n.a.	M12
T 13	17 8 8	16°36'07	18°58	27°22	15°26	24°39	17°54	11°17	26°27	1°48	3°57	14°56	13°36	13°25	n.a.	T 13
W14	17 12 5	17°33'15	0♏51	28°53	16°40	25°18	18° 0	11°24	26°25	1°49	3°58	14°58	13°33	13°32	n.a.	W14
T 15	17 16 2	18°30'24	12°52	0♊27	17°53	25°57	18° 5	11°30	26°23	1°49	4° 0	14°R58	13°30	13°39	n.a.	T 15
F 16	17 19 58	19°27'33	25° 3	2° 5	19° 7	26°36	18°11	11°37	26°22	1°50	4° 1	14°58	13°27	13°45	n.a.	F 16
S 17	17 23 55	20°24'42	7♐28	3°46	20°21	27°15	18°16	11°44	26°20	1°51	4° 3	14°56	13°24	13°52	n.a.	S 17
S 18	17 27 51	21°21'52	20° 7	5°31	21°35	27°54	18°21	11°51	26°18	1°52	4° 5	14°52	13°20	13°59	n.a.	S 18
M19	17 31 48	22°19'03	3♑ 3	7°20	22°49	28°32	18°25	11°57	26°16	1°52	4° 6	14°47	13°17	14° 5	n.a.	M19
T 20	17 35 44	23°16'14	16°13	9°11	24° 3	29°11	18°30	12° 4	26°14	1°53	4° 8	14°41	13°14	14°12	n.a.	T 20
W21	17 39 41	24°13'26	29°38	11° 5	25°16	29°49	18°34	12°11	26°13	1°54	4° 9	14°35	13°11	14°19	n.a.	W21
T 22	17 43 38	25°10'39	13♒15	13° 2	26°30	0♈27	18°38	12°17	26°11	1°54	4°11	14°29	13° 8	14°25	n.a.	T 22
F 23	17 47 34	26° 7'52	27° 3	15° 1	27°44	1° 5	18°42	12°24	26° 9	1°55	4°13	14°24	13° 5	14°32	n.a.	F 23
S 24	17 51 31	27° 5'07	11♓ 0	17° 2	28°58	1°43	18°46	12°30	26° 7	1°55	4°14	14°22	13° 1	14°39	n.a.	S 24
S 25	17 55 27	28° 2'23	25° 4	19° 5	0♋12	2°20	18°50	12°36	26° 5	1°56	4°16	14°D20	12°58	14°45	n.a.	S 25
M26	17 59 24	28°59'40	9♈14	21° 9	1°26	2°57	18°53	12°43	26° 3	1°56	4°18	14°21	12°55	14°52	n.a.	M26
T 27	18 3 20	29°56'58	23°27	23°14	2°40	3°35	18°57	12°49	26° 1	1°57	4°20	14°22	12°52	14°59	n.a.	T 27
W28	18 7 17	0♋54'17	7♉43	25°20	3°54	4°12	19° 0	12°55	25°59	1°57	4°21	14°R23	12°49	15° 5	n.a.	W28
T 29	18 11 13	1°51'38	21°59	27°26	5° 8	4°48	19° 3	13° 1	25°56	1°58	4°23	14°23	12°46	15°12	n.a.	T 29
F 30	18 15 10	2♋48'59	6♊11	29♊32	6♋22	5♈25	19♓ 6	13♉ 7	25♑54	1♈58	4♌25	14♉21	12♉42	15♎19	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n25	15n30	0s15	12n56	3s43	20n29	0s 3	7s24	2s14	6s37	1s22	13n 6	1s57	21s41	0s38	1s 4	1s52	31n27	12n16	16n35	16n18	2s19		n.a.
F 2	21 36	20 47	1n 5	13 14	3 36	20 47	0 1	7 8	2 14	6 34	1 22	13 8	1 57	21 41	0 38	1 4	1 52	31 26	12 16	16 35	16 17	2 22		n.a.
S 3	21 45	24 44	2 20	13 34	3 28	21 4	0n 2	6 53	2 15	6 32	1 23	13 10	1 57	21 41	0 38	1 3	1 52	31 26	12 15	16 35	16 16	2 25		n.a.
S 4	21 55	27 4	3 25	13 56	3 19	21 20	0 4	6 37	2 16	6 29	1 23	13 13	1 57	21 42	0 38	1 3	1 52	31 25	12 15	16 34	16 15	2 29		n.a.
M 5	22 4	27 38	4 16	14 19	3 10	21 36	0 6	6 22	2 16	6 27	1 23	13 15	1 57	21 42	0 38	1 2	1 52	31 25	12 15	16 33	16 15	2 32		n.a.
T 6	22 13	26 31	4 51	14 44	3 0	21 51	0 9	6 6	2 17	6 24	1 23	13 17	1 57	21 42	0 38	1 2	1 52	31 24	12 15	16 32	16 14	2 35		n.a.
W 7	22 21	23 58	5 10	15 11	2 49	22 6	0 11	5 51	2 18	6 22	1 24	13 19	1 57	21 42	0 38	1 2	1 52	31 23	12 14	16 31	16 13	2 39		n.a.
T 8	22 29	20 19	5 13	15 39	2 38	22 20	0 13	5 35	2 18	6 19	1 24	13 21	1 57	21 43	0 38	1 1	1 52	31 23	12 14	16 30	16 12	2 42		n.a.
F 9	22 36	15 51	5 1	16 8	2 26	22 33	0 16	5 20	2 19	6 17	1 24	13 24	1 57	21 43	0 38	1 1	1 52	31 22	12 14	16 30	16 11	2 45		n.a.
S 10	22 44	10 52	4 36	16 39	2 15	22 46	0 18	5 4	2 19	6 15	1 25	13 26	1 57	21 43	0 38	1 1	1 52	31 22	12 14	16 30	16 10	2 49		n.a.
S 11	22 50	5 33	3 59	17 10	2 2	22 58	0 20	4 49	2 20	6 13	1 25	13 28	1 57	21 44	0 38	1 0	1 52	31 21	12 14	16 30	16 9	2 52		n.a.
M12	22 57	0 4	3 12	17 42	1 50	23 9	0 23	4 34	2 21	6 11	1 25	13 30	1 57	21 44	0 38	1 0	1 52	31 21	12 13	16 30	16 8	2 55		n.a.
T 13	23 3	5s24	2 18	18 14	1 37	23 20	0 25	4 18	2 21	6 9	1 25	13 32	1 57	21 44	0 38	1 0	1 52	31 20	12 13	16 31	16 7	2 59		n.a.
W14	23 8	10 43	1 16	18 47	1 25	23 30	0 27	4 3	2 22	6 7	1 26	13 34	1 57	21 45	0 38	0 59	1 53	31 19	12 13	16 31	16 6	3 2		n.a.
T 15	23 14	15 42	0 12	19 19	1 12	23 40	0 29	3 48	2 22	6 5	1 26	13 36	1 57	21 45	0 38	0 59	1 53	31 19	12 13	16 31	16 5	3 5		n.a.
F 16	23 18	20 9	0s55	19 52	0 59	23 48	0 32	3 33	2 23	6 3	1 26	13 38	1 58	21 46	0 38	0 59	1 53	31 18	12 13	16 31	16 4	3 8		n.a.
S 17	23 23	23 47	2 0	20 24	0 46	23 56	0 34	3 18	2 23	6 1	1 27	13 40	1 58	21 46	0 38	0 59	1 53	31 18	12 12	16 31	16 3	3 12		n.a.
S 18	23 27	26 21	3 0	20 56	0 34	24 3	0 36	3 3	2 24	6 0	1 27	13 42	1 58	21 46	0 38	0 58	1 53	31 17	12 12	16 30	16 2	3 15		n.a.
M19	23 30	27 33	3 52	21 27	0 21	24 10	0 38	2 48	2 24	5 58	1 27	13 44	1 58	21 47	0 38	0 58	1 53	31 17	12 12	16 28	16 1	3 18		n.a.
T 20	23 33	27 14	4 33	21 57	0 9	24 16	0 40	2 33	2 25	5 57	1 28	13 46	1 58	21 47	0 38	0 58	1 53	31 16	12 12	16 26	16 0	3 22		n.a.
W21	23 36	25 21	4 59	22 25	0n 3	24 21	0 42	2 18	2 25	5 55	1 28	13 48	1 58	21 47	0 38	0 58	1 53	31 15	12 12	16 24	15 59	3 25		n.a.
T 22	23 38	21 58	5 10	22 53	0 14	24 25	0 44	2 3	2 26	5 54	1 28	13 50	1 58	21 48	0 38	0 58	1 53	31 15	12 12	16 23	15 58	3 28		n.a.
F 23	23 40	17 22	5 2	23 18	0 25	24 29	0 46	1 48	2 26	5 52	1 28	13 52	1 58	21 48	0 38	0 57	1 53	31 14	12 11	16 21	15 57	3 32		n.a.
S 24	23 42	11 47	4 37	23 41	0 36	24 32	0 48	1 33	2 27	5 51	1 29	13 54	1 58	21 49	0 38	0 57	1 53	31 14	12 11	16 20	15 56	3 35		n.a.
S 25	23 43	5 34	3 55	24 2	0 46	24 34	0 50	1 19	2 27	5 50	1 29	13 56	1 58	21 49	0 38	0 57	1 53	31 13	12 11	16 20	15 55	3 38		n.a.
M26	23 44	0n58	2 59	24 20	0 55	24 35	0 52	1 4	2 28	5 49	1 29	13 58	1 58	21 49	0 38	0 57	1 53	31 12	12 11	16 20	15 54	3 42		n.a.
T 27	23 44	7 30	1 51	24 36	1 3	24 36	0 54	0 49	2 28	5 48	1 30	14 0	1 58	21 50	0 38	0 57	1 53	31 12	12 11	16 21	15 53	3 45		n.a.
W28	23 44	13 41	0 36	24 50	1 11	24 36	0 56	0 35	2 29	5 47	1 30	14 1	1 59	21 50	0 38	0 57	1 53	31 11	12 11	16 21	15 52	3 48		n.a.
T 29	23 43	19 9	0n41	25 0	1 18	24 35	0 58	0 21	2 29	5 46	1 30	14 3	1 59	21 51	0 38	0 57	1 54	31 11	12 11	16 21	15 51	3 52		n.a.
F 30	23n42	23n29	1n55	25n 8	1n24	24n34	0n59	0s 6	2s29	5s45	1s31	14n 5	1s59	21s51	0s38	0s57	1s54	31n10	12n10	16n20	15n50	3s55		n.a.

Julian Day Number = 1623687.5, Delta T = 03h46m01s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'54, Lahiri = - 7°38'53 Julian Calendar 1 June 268 BCE == Greg. Calendar 28 May 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

JULY 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 19 7	3♋46'22	20♊16	1♋38	7♋36	6♈ 1	19♓ 8	13♉13	25°R52	1♈58	4♎27	14°R17	12♉39	15♎25	n.a.	S 1
S 2	18 23 3	4°43'46	4♋10	3°43	8°50	6°38	19°11	13°19	25♏50	1°59	4°28	14♉10	12°36	15°32	n.a.	S 2
M 3	18 27 0	5°41'11	17°48	5°48	10° 4	7°14	19°13	13°25	25°48	1°59	4°30	14° 3	12°33	15°39	n.a.	M 3
T 4	18 30 56	6°38'37	1♌ 8	7°52	11°18	7°49	19°15	13°31	25°46	1°59	4°32	13°54	12°30	15°45	n.a.	T 4
W 5	18 34 53	7°36'04	14° 8	9°55	12°33	8°25	19°17	13°37	25°43	1°59	4°34	13°45	12°26	15°52	n.a.	W 5
T 6	18 38 49	8°33'32	26°49	11°57	13°47	9° 0	19°18	13°42	25°41	1°59	4°36	13°37	12°23	15°59	n.a.	T 6
F 7	18 42 46	9°31'01	9♍11	13°57	15° 1	9°35	19°20	13°48	25°39	1°59	4°38	13°31	12°20	16° 5	n.a.	F 7
S 8	18 46 42	10°28'31	21°19	15°57	16°15	10°10	19°21	13°54	25°37	2° 0	4°40	13°27	12°17	16°12	n.a.	S 8
S 9	18 50 39	11°26'01	3♎16	17°55	17°29	10°45	19°22	13°59	25°34	2° 0	4°42	13°25	12°14	16°19	n.a.	S 9
M10	18 54 36	12°23'33	15° 6	19°52	18°43	11°19	19°23	14° 4	25°32	2°R 0	4°43	13°D24	12°11	16°25	n.a.	M10
T 11	18 58 32	13°21'06	26°56	21°47	19°57	11°53	19°23	14°10	25°30	2° 0	4°45	13°25	12° 7	16°32	n.a.	T 11
W12	19 2 29	14°18'39	8♏50	23°41	21°12	12°27	19°24	14°15	25°27	2° 0	4°47	13°R26	12° 4	16°39	n.a.	W12
T 13	19 6 25	15°16'14	20°54	25°33	22°26	13° 1	19°24	14°20	25°25	1°59	4°49	13°25	12° 1	16°45	n.a.	T 13
F 14	19 10 22	16°13'50	3♐11	27°24	23°40	13°34	19°R24	14°25	25°23	1°59	4°51	13°24	11°58	16°52	n.a.	F 14
S 15	19 14 18	17°11'28	15°46	29°13	24°54	14° 7	19°24	14°30	25°20	1°59	4°53	13°19	11°55	16°59	n.a.	S 15
S 16	19 18 15	18° 9'06	28°41	1♌ 1	26° 8	14°40	19°23	14°35	25°18	1°59	4°55	13°13	11°52	17° 5	n.a.	S 16
M17	19 22 11	19° 6'46	11♑56	2°48	27°22	15°12	19°23	14°40	25°16	1°59	4°57	13° 4	11°48	17°12	n.a.	M17
T 18	19 26 8	20° 4'28	25°30	4°33	28°37	15°45	19°22	14°45	25°13	1°59	4°59	12°54	11°45	17°19	n.a.	T 18
W19	19 30 5	21° 2'10	9♒21	6°17	29°51	16°17	19°21	14°50	25°11	1°58	5° 1	12°43	11°42	17°25	n.a.	W19
T 20	19 34 1	21°59'55	23°24	7°59	1♌ 5	16°48	19°20	14°54	25° 8	1°58	5° 3	12°33	11°39	17°32	n.a.	T 20
F 21	19 37 58	22°57'41	7♓35	9°40	2°19	17°20	19°19	14°59	25° 6	1°58	5° 5	12°25	11°36	17°38	n.a.	F 21
S 22	19 41 54	23°55'29	21°49	11°19	3°34	17°51	19°17	15° 3	25° 4	1°57	5° 7	12°19	11°32	17°45	n.a.	S 22
S 23	19 45 51	24°53'18	6♈ 3	12°57	4°48	18°22	19°15	15° 8	25° 1	1°57	5° 9	12°15	11°29	17°52	n.a.	S 23
M24	19 49 47	25°51'10	20°14	14°34	6° 2	18°52	19°13	15°12	24°59	1°56	5°11	12°14	11°26	17°58	n.a.	M24
T 25	19 53 44	26°49'03	4♉21	16° 9	7°17	19°22	19°11	15°16	24°56	1°56	5°13	12°14	11°23	18° 5	n.a.	T 25
W26	19 57 40	27°46'59	18°22	17°43	8°31	19°52	19° 9	15°20	24°54	1°55	5°15	12°14	11°20	18°12	n.a.	W26
T 27	20 1 37	28°44'56	2♊17	19°16	9°45	20°21	19° 6	15°24	24°52	1°55	5°17	12°13	11°17	18°18	n.a.	T 27
F 28	20 5 34	29°42'56	16° 5	20°47	10°59	20°51	19° 4	15°28	24°49	1°54	5°19	12° 9	11°13	18°25	n.a.	F 28
S 29	20 9 30	0♌40'57	29°45	22°17	12°14	21°19	19° 1	15°32	24°47	1°54	5°21	12° 3	11°10	18°32	n.a.	S 29
S 30	20 13 27	1°39'01	13♋14	23°45	13°28	21°48	18°58	15°36	24°45	1°53	5°23	11°54	11° 7	18°38	n.a.	S 30
M31	20 17 23	2♌37'06	26♋32	25♌13	14♌43	22♈16	18♓54	15♉39	24♏42	1♈53	5♌25	11♉42	11♉ 4	18♎45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n40	26n22	3n 1	25n13	1n30	24n31	1n 1	0n 8	2s30	5s45	1s31	14n 7	1s59	21s51	0s38	0s56	1s54	31n10	12n10	16n19	15n49	3s58		n.a.
S 2	23 39	27 35	3 55	25 15	1 35	24 28	1 3	0 22	2 30	5 44	1 31	14 8	1 59	21 52	0 38	0 56	1 54	31 9	12 10	16 17	15 48	4 1		n.a.
M 3	23 36	27 4	4 35	25 15	1 39	24 25	1 4	0 36	2 31	5 43	1 32	14 10	1 59	21 52	0 38	0 56	1 54	31 8	12 10	16 15	15 47	4 5		n.a.
T 4	23 34	25 0	4 59	25 12	1 42	24 20	1 6	0 50	2 31	5 43	1 32	14 12	1 59	21 53	0 39	0 56	1 54	31 8	12 10	16 12	15 46	4 8		n.a.
W 5	23 31	21 39	5 6	25 6	1 45	24 15	1 7	1 4	2 31	5 42	1 32	14 13	1 59	21 53	0 39	0 56	1 54	31 7	12 10	16 9	15 45	4 11		n.a.
T 6	23 27	17 23	4 58	24 57	1 47	24 9	1 9	1 18	2 32	5 42	1 33	14 15	1 59	21 54	0 39	0 56	1 54	31 7	12 10	16 7	15 44	4 15		n.a.
F 7	23 23	12 28	4 36	24 46	1 48	24 2	1 10	1 31	2 32	5 42	1 33	14 16	1 59	21 54	0 39	0 56	1 54	31 6	12 10	16 5	15 43	4 18		n.a.
S 8	23 19	7 11	4 2	24 33	1 48	23 55	1 12	1 45	2 32	5 42	1 33	14 18	2 0	21 55	0 39	0 56	1 54	31 6	12 10	16 4	15 42	4 21		n.a.
S 9	23 14	1 43	3 18	24 18	1 48	23 47	1 13	1 58	2 32	5 41	1 34	14 20	2 0	21 55	0 39	0 56	1 54	31 5	12 10	16 3	15 42	4 25		n.a.
M10	23 9	3s47	2 26	24 1	1 48	23 38	1 14	2 11	2 33	5 41	1 34	14 21	2 0	21 55	0 39	0 57	1 54	31 4	12 9	16 3	15 41	4 28		n.a.
T 11	23 3	9 9	1 27	23 41	1 46	23 28	1 15	2 25	2 33	5 41	1 34	14 22	2 0	21 56	0 39	0 57	1 54	31 4	12 9	16 3	15 40	4 31		n.a.
W12	22 57	14 14	0 25	23 20	1 44	23 18	1 17	2 38	2 33	5 42	1 34	14 24	2 0	21 56	0 39	0 57	1 54	31 3	12 9	16 4	15 39	4 35		n.a.
T 13	22 51	18 50	0s40	22 58	1 42	23 7	1 18	2 51	2 34	5 42	1 35	14 25	2 0	21 57	0 39	0 57	1 54	31 3	12 9	16 4	15 38	4 38		n.a.
F 14	22 44	22 44	1 43	22 33	1 39	22 55	1 19	3 4	2 34	5 42	1 35	14 27	2 0	21 57	0 39	0 57	1 55	31 2	12 9	16 3	15 37	4 41		n.a.
S 15	22 37	25 40	2 44	22 7	1 36	22 43	1 20	3 16	2 34	5 42	1 35	14 28	2 0	21 58	0 39	0 57	1 55	31 2	12 9	16 2	15 36	4 45		n.a.
S 16	22 29	27 20	3 37	21 40	1 32	22 30	1 20	3 29	2 34	5 43	1 36	14 29	2 1	21 58	0 39	0 57	1 55	31 1	12 9	16 0	15 35	4 48		n.a.
M17	22 21	27 29	4 19	21 12	1 28	22 16	1 21	3 41	2 34	5 43	1 36	14 31	2 1	21 59	0 39	0 57	1 55	31 0	12 9	15 57	15 34	4 51		n.a.
T 18	22 12	26 1	4 49	20 42	1 23	22 2	1 22	3 54	2 35	5 44	1 36	14 32	2 1	21 59	0 39	0 57	1 55	31 0	12 9	15 54	15 33	4 54		n.a.
W19	22 4	22 58	5 2	20 12	1 18	21 47	1 23	4 6	2 35	5 45	1 37	14 33	2 1	21 59	0 39	0 58	1 55	30 59	12 9	15 51	15 32	4 58		n.a.
T 20	21 54	18 32	4 57	19 40	1 13	21 31	1 23	4 18	2 35	5 45	1 37	14 34	2 1	22 0	0 39	0 58	1 55	30 59	12 9	15 47	15 31	5 1		n.a.
F 21	21 45	13 3	4 34	19 8	1 7	21 15	1 24	4 30	2 35	5 46	1 37	14 36	2 1	22 0	0 39	0 58	1 55	30 58	12 9	15 45	15 30	5 4		n.a.
S 22	21 35	6 51	3 54	18 35	1 2	20 58	1 25	4 42	2 35	5 47	1 38	14 37	2 1	22 1	0 39	0 58	1 55	30 58	12 9	15 43	15 29	5 8		n.a.
S 23	21 25	0 18	2 59	18 1	0 55	20 40	1 25	4 54	2 35	5 48	1 38	14 38	2 2	22 1	0 39	0 58	1 55	30 57	12 9	15 42	15 28	5 11		n.a.
M24	21 14	6n15	1 54	17 26	0 49	20 22	1 26	5 5	2 35	5 49	1 38	14 39	2 2	22 2	0 39	0 59	1 55	30 57	12 9	15 42	15 27	5 14		n.a.
T 25	21 3	12 28	0 42	16 51	0 42	20 4	1 26	5 17	2 35	5 50	1 39	14 40	2 2	22 2	0 39	0 59	1 55	30 56	12 9	15 42	15 26	5 18		n.a.
W26	20 51	18 1	0n32	16 16	0 35	19 44	1 26	5 28	2 35	5 51	1 39	14 41	2 2	22 3	0 39	0 59	1 55	30 56	12 9	15 42	15 25	5 21		n.a.
T 27	20 40	22 34	1 44	15 40	0 28	19 24	1 26	5 39	2 36	5 53	1 39	14 42	2 2	22 3	0 39	0 59	1 55	30 55	12 9	15 41	15 24	5 24		n.a.
F 28	20 27	25 47	2 49	15 3	0 20	19 4	1 27	5 50	2 36	5 54	1 39	14 43	2 2	22 3	0 39	1 0	1 55	30 55	12 9	15 40	15 23	5 28		n.a.
S 29	20 15	27 27	3 43	14 27	0 13	18 43	1 27	6 1	2 36	5 55	1 40	14 44	2 2	22 4	0 39	1 0	1 56	30 54	12 9	15 38	15 22	5 31		n.a.
S 30	20 2	27 26	4 24	13 50	0 5	18 22	1 27	6 11	2 36	5 57	1 40	14 45	2 3	22 4	0 39	1 0	1 56	30 54	12 9	15 35	15 21	5 34		n.a.
M31	19n49	25n51	4n50	13n13	0s 3	18n 0	1n27	6n22	2s36	5s58	1s40	14n46	2s 3	22s 5	0s39	1s 1	1s56	30n53	12n 9	15n32	15n20	5s37		n.a.

Julian Day Number = 1623717.5, Delta T = 03h46m00s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'49, Lahiri = - 7°38'49 Julian Calendar 1 July 268 BCE == Greg. Calendar 27 June 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

AUGUST 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 21 20	3♌35'13	9♌36	26♌38	15♌57	22♈43	18°R51	15♉43	24°R40	1°R52	5♌27	11°R30	11♉ 1	18♎52	n.a.	T 1
W 2	20 25 16	4°33'22	22°24	28° 3	17°11	23°11	18♓47	15°46	24♊37	1♈51	5°29	11♉17	10°58	18°58	n.a.	W 2
T 3	20 29 13	5°31'32	4♍56	29°26	18°26	23°37	18°43	15°50	24°35	1°50	5°32	11° 5	10°54	19° 5	n.a.	T 3
F 4	20 33 9	6°29'44	17°13	0♍47	19°40	24° 4	18°39	15°53	24°33	1°50	5°34	10°55	10°51	19°12	n.a.	F 4
S 5	20 37 6	7°27'58	29°17	2° 7	20°54	24°30	18°35	15°56	24°30	1°49	5°36	10°48	10°48	19°18	n.a.	S 5
S 6	20 41 3	8°26'13	11♎11	3°25	22° 9	24°55	18°31	15°59	24°28	1°48	5°38	10°43	10°45	19°25	n.a.	S 6
M 7	20 44 59	9°24'31	23° 0	4°42	23°23	25°21	18°26	16° 2	24°26	1°47	5°40	10°41	10°42	19°32	n.a.	M 7
T 8	20 48 56	10°22'49	4♏49	5°57	24°37	25°45	18°21	16° 5	24°24	1°46	5°42	10°40	10°38	19°38	n.a.	T 8
W 9	20 52 52	11°21'10	16°42	7°10	25°52	26° 9	18°16	16° 8	24°21	1°45	5°44	10°40	10°35	19°45	n.a.	W 9
T 10	20 56 49	12°19'32	28°45	8°22	27° 6	26°33	18°11	16°10	24°19	1°44	5°46	10°40	10°32	19°52	n.a.	T 10
F 11	21 0 45	13°17'56	11♐ 4	9°31	28°21	26°57	18° 6	16°13	24°17	1°43	5°48	10°38	10°29	19°58	n.a.	F 11
S 12	21 4 42	14°16'22	23°43	10°39	29°35	27°19	18° 1	16°15	24°15	1°42	5°50	10°33	10°26	20° 5	n.a.	S 12
S 13	21 8 38	15°14'49	6♑46	11°44	0♍49	27°42	17°55	16°18	24°12	1°41	5°52	10°26	10°23	20°12	n.a.	S 13
M14	21 12 35	16°13'18	20°14	12°47	2° 4	28° 4	17°50	16°20	24°10	1°40	5°54	10°17	10°19	20°18	n.a.	M14
T 15	21 16 32	17°11'50	4♒ 7	13°48	3°18	28°25	17°44	16°22	24° 8	1°39	5°56	10° 5	10°16	20°25	n.a.	T 15
W16	21 20 28	18°10'23	18°20	14°46	4°32	28°46	17°38	16°24	24° 6	1°38	5°58	9°53	10°13	20°32	n.a.	W16
T 17	21 24 25	19° 8'58	2♓49	15°42	5°47	29° 6	17°31	16°26	24° 4	1°37	6° 0	9°42	10°10	20°38	n.a.	T 17
F 18	21 28 21	20° 7'35	17°26	16°34	7° 1	29°26	17°25	16°28	24° 2	1°36	6° 2	9°33	10° 7	20°45	n.a.	F 18
S 19	21 32 18	21° 6'14	2♈ 5	17°24	8°16	29°45	17°19	16°30	24° 0	1°35	6° 4	9°26	10° 3	20°52	n.a.	S 19
S 20	21 36 14	22° 4'56	16°38	18°10	9°30	0♉ 4	17°12	16°31	23°58	1°34	6° 6	9°22	10° 0	20°58	n.a.	S 20
M21	21 40 11	23° 3'40	1♉ 2	18°52	10°44	0°22	17° 6	16°33	23°56	1°32	6° 8	9°21	9°57	21° 5	n.a.	M21
T 22	21 44 7	24° 2'26	15°13	19°30	11°59	0°39	16°59	16°34	23°54	1°31	6°10	9°D21	9°54	21°11	n.a.	T 22
W23	21 48 4	25° 1'15	29°11	20° 5	13°13	0°56	16°52	16°35	23°52	1°30	6°12	9°R21	9°51	21°18	n.a.	W23
T 24	21 52 1	26° 0'06	12♊55	20°34	14°27	1°12	16°45	16°37	23°50	1°28	6°14	9°20	9°48	21°25	n.a.	T 24
F 25	21 55 57	26°59'00	26°26	20°59	15°42	1°28	16°38	16°38	23°48	1°27	6°16	9°17	9°44	21°31	n.a.	F 25
S 26	21 59 54	27°57'56	9♋46	21°18	16°56	1°43	16°30	16°39	23°46	1°26	6°18	9°11	9°41	21°38	n.a.	S 26
S 27	22 3 50	28°56'55	22°53	21°32	18°11	1°57	16°23	16°39	23°44	1°25	6°20	9° 2	9°38	21°45	n.a.	S 27
M28	22 7 47	29°55'55	5♌49	21°39	19°25	2°11	16°16	16°40	23°42	1°23	6°22	8°51	9°35	21°51	n.a.	M28
T 29	22 11 43	0♍54'58	18°32	21°R40	20°39	2°24	16° 8	16°41	23°41	1°22	6°24	8°39	9°32	21°58	n.a.	T 29
W30	22 15 40	1°54'03	1♍ 4	21°33	21°54	2°36	16° 1	16°41	23°39	1°20	6°25	8°27	9°29	22° 5	n.a.	W30
T 31	22 19 36	2♍53'11	13♍24	21♍20	23♍ 8	2♉48	15♓53	16♉42	23♊37	1♈19	6♌27	8♉16	9♉25	22♎11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	19n35	22n53	5n 0	12n36	0s12	17n37	1n26	6n32	2s36	6s 0	1s41	14n47	2s 3	22s 5	0s39	1s 1	1s56	30n53	12n 9	15n28	15n19	5s41			n.a.
W 2	19 21	18 51	4 55	11 59	0 20	17 14	1 26	6 43	2 35	6 2	1 41	14 48	2 3	22 6	0 39	1 1	1 56	30 52	12 9	15 24	15 18	5 44			n.a.
T 3	19 7	14 4	4 35	11 22	0 28	16 51	1 26	6 53	2 35	6 4	1 41	14 49	2 3	22 6	0 39	1 2	1 56	30 52	12 9	15 20	15 17	5 47			n.a.
F 4	18 53	8 50	4 3	10 45	0 37	16 27	1 26	7 2	2 35	6 5	1 41	14 49	2 3	22 6	0 39	1 2	1 56	30 51	12 10	15 17	15 16	5 51			n.a.
S 5	18 38	3 21	3 20	10 9	0 45	16 3	1 25	7 12	2 35	6 7	1 42	14 50	2 4	22 7	0 39	1 2	1 56	30 51	12 10	15 15	15 15	5 54			n.a.
S 6	18 22	2s12	2 29	9 32	0 54	15 38	1 25	7 22	2 35	6 9	1 42	14 51	2 4	22 7	0 39	1 3	1 56	30 50	12 10	15 13	15 14	5 57			n.a.
M 7	18 7	7 37	1 32	8 56	1 3	15 13	1 24	7 31	2 35	6 11	1 42	14 52	2 4	22 8	0 39	1 3	1 56	30 50	12 10	15 13	15 13	6 1			n.a.
T 8	17 51	12 48	0 31	8 20	1 12	14 47	1 24	7 40	2 35	6 14	1 42	14 52	2 4	22 8	0 39	1 4	1 56	30 49	12 10	15 12	15 12	6 4			n.a.
W 9	17 35	17 32	0s32	7 44	1 21	14 21	1 23	7 49	2 35	6 16	1 43	14 53	2 4	22 8	0 39	1 4	1 56	30 49	12 10	15 12	15 11	6 7			n.a.
T 10	17 19	21 39	1 34	7 9	1 29	13 55	1 22	7 58	2 34	6 18	1 43	14 54	2 4	22 9	0 39	1 4	1 56	30 48	12 10	15 12	15 10	6 10			n.a.
F 11	17 2	24 54	2 33	6 35	1 38	13 28	1 22	8 7	2 34	6 20	1 43	14 54	2 5	22 9	0 39	1 5	1 56	30 48	12 10	15 11	15 9	6 14			n.a.
S 12	16 45	27 1	3 27	6 1	1 47	13 1	1 21	8 15	2 34	6 23	1 43	14 55	2 5	22 10	0 39	1 5	1 56	30 48	12 10	15 10	15 8	6 17			n.a.
S 13	16 28	27 44	4 11	5 28	1 56	12 33	1 20	8 23	2 34	6 25	1 44	14 55	2 5	22 10	0 39	1 6	1 56	30 47	12 10	15 8	15 7	6 20			n.a.
M14	16 10	26 50	4 43	4 55	2 5	12 6	1 19	8 32	2 33	6 27	1 44	14 56	2 5	22 10	0 39	1 6	1 56	30 47	12 11	15 5	15 6	6 24			n.a.
T 15	15 52	24 18	4 59	4 24	2 13	11 37	1 18	8 40	2 33	6 30	1 44	14 56	2 5	22 11	0 39	1 7	1 56	30 46	12 11	15 1	15 5	6 27			n.a.
W16	15 34	20 13	4 57	3 53	2 22	11 9	1 17	8 47	2 33	6 33	1 44	14 57	2 5	22 11	0 39	1 7	1 57	30 46	12 11	14 57	15 4	6 30			n.a.
T 17	15 16	14 53	4 37	3 24	2 30	10 40	1 16	8 55	2 32	6 35	1 44	14 57	2 6	22 12	0 39	1 8	1 57	30 46	12 11	14 54	15 3	6 34			n.a.
F 18	14 57	8 40	3 58	2 56	2 39	10 11	1 14	9 2	2 32	6 38	1 45	14 57	2 6	22 12	0 39	1 8	1 57	30 45	12 11	14 51	15 2	6 37			n.a.
S 19	14 38	1 58	3 4	2 29	2 47	9 42	1 13	9 9	2 32	6 40	1 45	14 58	2 6	22 12	0 39	1 9	1 57	30 45	12 11	14 49	15 1	6 40			n.a.
S 20	14 19	4n49	1 57	2 4	2 55	9 12	1 12	9 16	2 31	6 43	1 45	14 58	2 6	22 13	0 39	1 9	1 57	30 44	12 11	14 47	15 0	6 43			n.a.
M21	14 0	11 17	0 44	1 40	3 2	8 43	1 10	9 23	2 31	6 46	1 45	14 58	2 6	22 13	0 39	1 10	1 57	30 44	12 12	14 47	14 59	6 47			n.a.
T 22	13 40	17 5	0n31	1 18	3 9	8 13	1 9	9 30	2 30	6 49	1 45	14 58	2 6	22 13	0 39	1 10	1 57	30 44	12 12	14 47	14 58	6 50			n.a.
W23	13 20	21 54	1 43	0 59	3 16	7 42	1 7	9 36	2 30	6 52	1 45	14 59	2 7	22 14	0 39	1 11	1 57	30 43	12 12	14 47	14 57	6 53			n.a.
T 24	13 0	25 24	2 48	0 41	3 22	7 12	1 6	9 42	2 29	6 55	1 46	14 59	2 7	22 14	0 39	1 11	1 57	30 43	12 12	14 47	14 56	6 57			n.a.
F 25	12 40	27 23	3 42	0 26	3 28	6 41	1 4	9 48	2 29	6 58	1 46	14 59	2 7	22 14	0 39	1 12	1 57	30 43	12 12	14 46	14 54	7 0			n.a.
S 26	12 20	27 45	4 24	0 14	3 33	6 11	1 2	9 54	2 28	7 1	1 46	14 59	2 7	22 15	0 39	1 13	1 57	30 42	12 13	14 44	14 53	7 3			n.a.
S 27	11 59	26 32	4 50	0 5	3 37	5 40	1 1	10 0	2 27	7 4	1 46	14 59	2 7	22 15	0 39	1 13	1 57	30 42	12 13	14 41	14 52	7 6			n.a.
M28	11 38	23 55	5 2	0s 1	3 41	5 8	0 59	10 5	2 27	7 7	1 46	14 59	2 8	22 15	0 39	1 14	1 57	30 42	12 13	14 37	14 51	7 10			n.a.
T 29	11 17	20 9	4 58	0 4	3 43	4 37	0 57	10 10	2 26	7 10	1 46	14 59	2 8	22 15	0 39	1 14	1 57	30 41	12 13	14 34	14 50	7 13			n.a.
W30	10 56	15 34	4 39	0 3	3 45	4 6	0 55	10 15	2 25	7 13	1 46	14 59	2 8	22 16	0 38	1 15	1 57	30 41	12 13	14 30	14 49	7 16			n.a.
T 31	10n34	10n25	4n 8	0n 2	3s45	3n34	0n53	10n20	2s25	7s16	1s47	14n59	2s 8	22s16	0s38	1s16	1s57	30n41	12n14	14n26	14n48	7s20			n.a.

Julian Day Number = 1623748.5, Delta T = 03h45m59s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'45, Lahiri = - 7°38'45 Julian Calendar 1 Aug. 268 BCE == Greg. Calendar 28 July 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

SEPTEMBER 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 23 33	3♍52'20	25♍32	20°R59	24♍22	2♉58	15°R45	16♉42	23°R36	1°R17	6♌29	8°R 6	9♉22	22♎18	n.a.	F 1
S 2	22 27 29	4°51'31	7♎30	20♍30	25°37	3° 8	15♓37	16°42	23♊34	1♈16	6°31	7♉59	9°19	22°25	n.a.	S 2
S 3	22 31 26	5°50'44	19°21	19°53	26°51	3°18	15°29	16°R42	23°32	1°15	6°33	7°55	9°16	22°31	n.a.	S 3
M 4	22 35 23	6°50'00	1♏ 7	19° 9	28° 5	3°26	15°22	16°42	23°31	1°13	6°35	7°53	9°13	22°38	n.a.	M 4
T 5	22 39 19	7°49'17	12°54	18°18	29°20	3°34	15°14	16°42	23°29	1°12	6°37	7°D53	9° 9	22°45	n.a.	T 5
W 6	22 43 16	8°48'36	24°45	17°20	0♎34	3°41	15° 6	16°42	23°28	1°10	6°38	7°54	9° 6	22°51	n.a.	W 6
T 7	22 47 12	9°47'58	6♐47	16°16	1°48	3°47	14°58	16°41	23°26	1° 8	6°40	7°R54	9° 3	22°58	n.a.	T 7
F 8	22 51 9	10°47'21	19° 3	15° 8	3° 3	3°52	14°50	16°41	23°25	1° 7	6°42	7°54	9° 0	23° 5	n.a.	F 8
S 9	22 55 5	11°46'46	1♑40	13°58	4°17	3°57	14°41	16°40	23°24	1° 5	6°44	7°52	8°57	23°11	n.a.	S 9
S 10	22 59 2	12°46'13	14°42	12°46	5°31	4° 1	14°33	16°39	23°22	1° 4	6°45	7°48	8°54	23°18	n.a.	S 10
M11	23 2 58	13°45'41	28°12	11°35	6°46	4° 4	14°25	16°39	23°21	1° 2	6°47	7°41	8°50	23°25	n.a.	M11
T 12	23 6 55	14°45'12	12♒10	10°27	8° 0	4° 6	14°17	16°38	23°20	1° 1	6°49	7°34	8°47	23°31	n.a.	T 12
W13	23 10 52	15°44'45	26°34	9°25	9°14	4° 7	14° 9	16°37	23°19	0°59	6°51	7°25	8°44	23°38	n.a.	W13
T 14	23 14 48	16°44'19	11♓19	8°29	10°28	4°R 7	14° 1	16°35	23°18	0°57	6°52	7°17	8°41	23°44	n.a.	T 14
F 15	23 18 45	17°43'56	26°17	7°41	11°43	4° 7	13°53	16°34	23°16	0°56	6°54	7°10	8°38	23°51	n.a.	F 15
S 16	23 22 41	18°43'34	11♈18	7° 3	12°57	4° 5	13°45	16°33	23°15	0°54	6°55	7° 6	8°35	23°58	n.a.	S 16
S 17	23 26 38	19°43'15	26°15	6°36	14°11	4° 3	13°37	16°31	23°14	0°52	6°57	7° 3	8°31	24° 4	n.a.	S 17
M18	23 30 34	20°42'59	11♉ 0	6°19	15°25	4° 0	13°29	16°30	23°13	0°51	6°59	7°D 3	8°28	24°11	n.a.	M18
T 19	23 34 31	21°42'44	25°27	6°D14	16°39	3°56	13°21	16°28	23°13	0°49	7° 0	7° 4	8°25	24°18	n.a.	T 19
W20	23 38 27	22°42'33	9♊34	6°20	17°54	3°51	13°13	16°26	23°12	0°48	7° 2	7° 5	8°22	24°24	n.a.	W20
T 21	23 42 24	23°42'23	23°20	6°37	19° 8	3°45	13° 5	16°24	23°11	0°46	7° 3	7°R 6	8°19	24°31	n.a.	T 21
F 22	23 46 21	24°42'16	6♋46	7° 4	20°22	3°38	12°57	16°22	23°10	0°44	7° 5	7° 5	8°15	24°38	n.a.	F 22
S 23	23 50 17	25°42'11	19°54	7°41	21°36	3°31	12°50	16°20	23° 9	0°42	7° 6	7° 2	8°12	24°44	n.a.	S 23
S 24	23 54 14	26°42'09	2♌46	8°26	22°50	3°22	12°42	16°18	23° 9	0°41	7° 8	6°58	8° 9	24°51	n.a.	S 24
M25	23 58 10	27°42'09	15°25	9°19	24° 4	3°13	12°34	16°15	23° 8	0°39	7° 9	6°52	8° 6	24°58	n.a.	M25
T 26	0 2 7	28°42'11	27°51	10°19	25°19	3° 2	12°27	16°13	23° 7	0°37	7°11	6°45	8° 3	25° 4	n.a.	T 26
W27	0 6 3	29°42'15	10♍ 6	11°25	26°33	2°51	12°20	16°10	23° 7	0°36	7°12	6°38	8° 0	25°11	n.a.	W27
T 28	0 10 0	0♎42'21	22°13	12°36	27°47	2°39	12°12	16° 8	23° 6	0°34	7°13	6°31	7°56	25°18	n.a.	T 28
F 29	0 13 56	1°42'29	4♎11	13°52	29° 1	2°26	12° 5	16° 5	23° 6	0°32	7°15	6°26	7°53	25°24	n.a.	F 29
S 30	0 17 53	2♎42'39	16♎ 3	15♍12	0♏15	2♉13	11♓58	16♉ 2	23♑ 6	0♈31	7♌16	6♉22	7♉50	25♎31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n12	4n56	3n26	0n12	3s44	3n 3	0n51	10n24	2s24	7s19	1s47	14n59	2s 8	22s16	0s38	1s16	1s57	30n40	12n14	14n23	14n47	7s23		n.a.
S 2	9 51	0s39	2 35	0 26	3 41	2 31	0 49	10 28	2 23	7 22	1 47	14 59	2 8	22 17	0 38	1 17	1 57	30 40	12 14	14 20	14 46	7 26		n.a.
S 3	9 29	6 10	1 37	0 44	3 36	1 59	0 47	10 32	2 22	7 25	1 47	14 59	2 9	22 17	0 38	1 17	1 57	30 40	12 14	14 19	14 45	7 29		n.a.
M 4	9 7	11 27	0 36	1 8	3 30	1 27	0 45	10 36	2 21	7 29	1 47	14 59	2 9	22 17	0 38	1 18	1 57	30 40	12 15	14 18	14 44	7 33		n.a.
T 5	8 44	16 20	0s27	1 35	3 22	0 55	0 43	10 40	2 20	7 32	1 47	14 58	2 9	22 17	0 38	1 19	1 57	30 39	12 15	14 18	14 43	7 36		n.a.
W 6	8 22	20 38	1 29	2 7	3 12	0 23	0 40	10 43	2 19	7 35	1 47	14 58	2 9	22 18	0 38	1 19	1 57	30 39	12 15	14 19	14 42	7 39		n.a.
T 7	7 59	24 9	2 29	2 43	3 0	0s 9	0 38	10 46	2 18	7 38	1 47	14 58	2 9	22 18	0 38	1 20	1 57	30 39	12 15	14 19	14 41	7 43		n.a.
F 8	7 37	26 38	3 22	3 23	2 46	0 41	0 36	10 49	2 17	7 41	1 47	14 58	2 9	22 18	0 38	1 21	1 57	30 39	12 16	14 19	14 40	7 46		n.a.
S 9	7 14	27 51	4 8	4 5	2 30	1 13	0 33	10 51	2 16	7 44	1 47	14 57	2 10	22 18	0 38	1 21	1 57	30 38	12 16	14 18	14 39	7 49		n.a.
S 10	6 51	27 35	4 42	4 48	2 13	1 45	0 31	10 54	2 15	7 48	1 47	14 57	2 10	22 18	0 38	1 22	1 57	30 38	12 16	14 17	14 38	7 52		n.a.
M11	6 28	25 42	5 2	5 33	1 54	2 17	0 29	10 56	2 14	7 51	1 47	14 56	2 10	22 19	0 38	1 23	1 58	30 38	12 17	14 15	14 37	7 56		n.a.
T 12	6 4	22 14	5 6	6 17	1 34	2 49	0 26	10 58	2 12	7 54	1 47	14 56	2 10	22 19	0 38	1 23	1 58	30 38	12 17	14 12	14 36	7 59		n.a.
W13	5 41	17 20	4 50	7 0	1 14	3 21	0 24	10 59	2 11	7 57	1 47	14 56	2 10	22 19	0 38	1 24	1 58	30 38	12 17	14 9	14 35	8 2		n.a.
T 14	5 18	11 19	4 15	7 40	0 54	3 52	0 21	11 1	2 10	8 0	1 47	14 55	2 10	22 19	0 38	1 25	1 58	30 38	12 17	14 7	14 34	8 5		n.a.
F 15	4 54	4 35	3 22	8 16	0 33	4 24	0 18	11 2	2 8	8 3	1 47	14 55	2 10	22 19	0 38	1 25	1 58	30 37	12 18	14 4	14 33	8 9		n.a.
S 16	4 31	2n28	2 14	8 49	0 14	4 56	0 16	11 3	2 7	8 7	1 47	14 54	2 11	22 20	0 38	1 26	1 58	30 37	12 18	14 3	14 32	8 12		n.a.
S 17	4 7	9 21	0 58	9 17	0n 5	5 27	0 13	11 3	2 5	8 10	1 47	14 53	2 11	22 20	0 38	1 27	1 58	30 37	12 18	14 2	14 31	8 15		n.a.
M18	3 43	15 39	0n21	9 39	0 23	5 59	0 11	11 4	2 4	8 13	1 47	14 53	2 11	22 20	0 38	1 27	1 58	30 37	12 19	14 2	14 30	8 18		n.a.
T 19	3 20	20 56	1 38	9 57	0 40	6 30	0 8	11 4	2 2	8 16	1 47	14 52	2 11	22 20	0 38	1 28	1 58	30 37	12 19	14 2	14 29	8 22		n.a.
W20	2 56	24 54	2 47	10 8	0 55	7 1	0 5	11 4	2 1	8 19	1 47	14 52	2 11	22 20	0 38	1 29	1 58	30 37	12 19	14 3	14 28	8 25		n.a.
T 21	2 32	27 18	3 44	10 15	1 8	7 32	0 2	11 3	1 59	8 22	1 47	14 51	2 11	22 20	0 38	1 29	1 58	30 37	12 20	14 3	14 27	8 28		n.a.
F 22	2 8	28 1	4 28	10 16	1 20	8 3	0s 0	11 3	1 57	8 25	1 47	14 50	2 11	22 20	0 38	1 30	1 58	30 37	12 20	14 3	14 26	8 31		n.a.
S 23	1 44	27 7	4 56	10 11	1 31	8 34	0 3	11 2	1 55	8 28	1 47	14 49	2 12	22 20	0 38	1 31	1 58	30 36	12 20	14 2	14 25	8 35		n.a.
S 24	1 20	24 47	5 9	10 3	1 40	9 5	0 6	11 1	1 53	8 30	1 46	14 49	2 12	22 20	0 38	1 31	1 58	30 36	12 21	14 0	14 24	8 38		n.a.
M25	0 55	21 17	5 7	9 49	1 47	9 35	0 9	10 59	1 51	8 33	1 46	14 48	2 12	22 21	0 38	1 32	1 58	30 36	12 21	13 58	14 23	8 41		n.a.
T 26	0 31	16 53	4 50	9 32	1 53	10 5	0 11	10 58	1 49	8 36	1 46	14 47	2 12	22 21	0 38	1 33	1 58	30 36	12 21	13 56	14 22	8 45		n.a.
W27	0 7	11 52	4 19	9 11	1 58	10 35	0 14	10 56	1 47	8 39	1 46	14 46	2 12	22 21	0 38	1 33	1 58	30 36	12 22	13 54	14 21	8 48		n.a.
T 28	0s17	6 27	3 38	8 47	2 2	11 4	0 17	10 54	1 45	8 42	1 46	14 45	2 12	22 21	0 38	1 34	1 58	30 36	12 22	13 51	14 20	8 51		n.a.
F 29	0 41	0 52	2 47	8 20	2 4	11 34	0 20	10 51	1 43	8 44	1 46	14 44	2 12	22 21	0 38	1 35	1 58	30 36	12 22	13 50	14 18	8 54		n.a.
S 30	1s 5	4s43	1n49	7n50	2n 6	12s 3	0s23	10n49	1s41	8s47	1s46	14n43	2s12	22s21	0s38	1s35	1s58	30n36	12n23	13n48	14n17	8s58		n.a.

Julian Day Number = 1623779.5, Delta T = 03h45m57s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'41, Lahiri = - 7°38'41 Julian Calendar 1 Sept. 268 BCE == Greg. Calendar 28 Aug. 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

OCTOBER 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 21 49	3♎42'51	27♎51	16♍36	1♏29	1°R58	11°R51	15°R59	23°R 5	0°R29	7♌17	6°R20	7♉47	25♎38	n.a.	S 1
M 2	0 25 46	4°43'04	9♏37	18° 2	2°43	1♉43	11♓44	15♉56	23♏ 5	0♈27	7°19	6°D20	7°44	25°44	n.a.	M 2
T 3	0 29 43	5°43'20	21°24	19°30	3°57	1°27	11°37	15°53	23° 5	0°26	7°20	6♉21	7°40	25°51	n.a.	T 3
W 4	0 33 39	6°43'37	3♐16	21° 1	5°11	1°10	11°31	15°50	23° 5	0°24	7°21	6°22	7°37	25°57	n.a.	W 4
T 5	0 37 36	7°43'56	15°17	22°33	6°25	0°53	11°24	15°47	23° 4	0°22	7°22	6°24	7°34	26° 4	n.a.	T 5
F 6	0 41 32	8°44'17	27°32	24° 6	7°39	0°35	11°18	15°43	23° 4	0°21	7°24	6°26	7°31	26°11	n.a.	F 6
S 7	0 45 29	9°44'39	10♑ 5	25°40	8°53	0°16	11°12	15°40	23°D 4	0°19	7°25	6°R26	7°28	26°17	n.a.	S 7
S 8	0 49 25	10°45'02	23° 1	27°16	10° 7	29♈57	11° 6	15°36	23° 4	0°17	7°26	6°26	7°25	26°24	n.a.	S 8
M 9	0 53 22	11°45'28	6♒23	28°51	11°21	29°37	11° 0	15°33	23° 4	0°16	7°27	6°24	7°21	26°31	n.a.	M 9
T 10	0 57 18	12°45'54	20°14	0♎27	12°35	29°17	10°54	15°29	23° 5	0°14	7°28	6°21	7°18	26°37	n.a.	T 10
W11	1 1 15	13°46'22	4♓33	2° 4	13°49	28°56	10°48	15°25	23° 5	0°12	7°29	6°18	7°15	26°44	n.a.	W11
T 12	1 5 12	14°46'52	19°16	3°41	15° 3	28°35	10°43	15°21	23° 5	0°11	7°30	6°15	7°12	26°51	n.a.	T 12
F 13	1 9 8	15°47'22	4♈19	5°17	16°17	28°14	10°38	15°17	23° 5	0° 9	7°31	6°12	7° 9	26°57	n.a.	F 13
S 14	1 13 5	16°47'55	19°32	6°54	17°31	27°52	10°32	15°13	23° 6	0° 8	7°32	6°11	7° 6	27° 4	n.a.	S 14
S 15	1 17 1	17°48'29	4♉45	8°31	18°44	27°30	10°27	15° 9	23° 6	0° 6	7°33	6°D10	7° 2	27°11	n.a.	S 15
M16	1 20 58	18°49'05	19°49	10° 7	19°58	27° 8	10°23	15° 5	23° 6	0° 4	7°34	6°10	6°59	27°17	n.a.	M16
T 17	1 24 54	19°49'43	4♊36	11°44	21°12	26°45	10°18	15° 1	23° 7	0° 3	7°35	6°11	6°56	27°24	n.a.	T 17
W18	1 28 51	20°50'23	18°59	13°20	22°26	26°22	10°14	14°57	23° 7	0° 1	7°36	6°13	6°53	27°31	n.a.	W18
T 19	1 32 47	21°51'04	2♋57	14°57	23°39	26° 0	10° 9	14°52	23° 8	29♓59	7°36	6°14	6°50	27°37	n.a.	T 19
F 20	1 36 44	22°51'48	16°30	16°33	24°53	25°37	10° 5	14°48	23° 9	29°58	7°37	6°14	6°46	27°44	n.a.	F 20
S 21	1 40 41	23°52'33	29°38	18° 9	26° 7	25°14	10° 1	14°43	23° 9	29°57	7°38	6°R14	6°43	27°50	n.a.	S 21
S 22	1 44 37	24°53'19	12♌26	19°45	27°21	24°51	9°58	14°39	23°10	29°55	7°39	6°14	6°40	27°57	n.a.	S 22
M23	1 48 34	25°54'08	24°55	21°20	28°34	24°29	9°54	14°34	23°11	29°54	7°39	6°13	6°37	28° 4	n.a.	M23
T 24	1 52 30	26°54'58	7♍10	22°56	29°48	24° 6	9°51	14°30	23°12	29°52	7°40	6°11	6°34	28°10	n.a.	T 24
W25	1 56 27	27°55'49	19°14	24°31	1♐ 2	23°44	9°48	14°25	23°13	29°51	7°41	6°10	6°31	28°17	n.a.	W25
T 26	2 0 23	28°56'42	1♎10	26° 6	2°15	23°22	9°45	14°20	23°14	29°49	7°41	6° 9	6°27	28°24	n.a.	T 26
F 27	2 4 20	29°57'37	13° 1	27°41	3°29	23° 1	9°42	14°16	23°15	29°48	7°42	6° 8	6°24	28°30	n.a.	F 27
S 28	2 8 16	0♏58'32	24°49	29°16	4°42	22°40	9°40	14°11	23°16	29°46	7°42	6° 8	6°21	28°37	n.a.	S 28
S 29	2 12 13	1°59'29	6♏36	0♏50	5°56	22°19	9°38	14° 6	23°17	29°45	7°43	6°D 8	6°18	28°44	n.a.	S 29
M30	2 16 10	3° 0'28	18°25	2°25	7° 9	21°58	9°35	14° 1	23°18	29°44	7°43	6° 8	6°15	28°50	n.a.	M30
T 31	2 20 6	4♏ 1'27	0♐17	3♏59	8♐23	21♈39	9♓34	13♉56	23♏19	29♓42	7♌44	6♉ 8	6♉12	28♎57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1s30	10s 7	0n46	7n17	2n 6	12s32	0s25	10n46	1s39	8s49	1s46	14n42	2s13	22s21	0s38	1s36	1s58	30n36	12n23	13n48	14n16	9s 1			n.a.
M 2	1 54	15 9	0s18	6 43	2 6	13 0	0 28	10 43	1 36	8 52	1 45	14 42	2 13	22 21	0 38	1 37	1 58	30 36	12 24	13 48	14 15	9 4			n.a.
T 3	2 18	19 39	1 22	6 7	2 5	13 28	0 31	10 39	1 34	8 54	1 45	14 41	2 13	22 21	0 38	1 37	1 58	30 36	12 24	13 48	14 14	9 7			n.a.
W 4	2 42	23 24	2 23	5 29	2 3	13 56	0 34	10 36	1 31	8 57	1 45	14 39	2 13	22 21	0 38	1 38	1 58	30 36	12 24	13 48	14 13	9 10			n.a.
T 5	3 6	26 11	3 18	4 50	2 1	14 24	0 37	10 32	1 29	8 59	1 45	14 38	2 13	22 21	0 38	1 39	1 58	30 36	12 25	13 49	14 12	9 14			n.a.
F 6	3 30	27 48	4 5	4 10	1 58	14 51	0 39	10 28	1 26	9 1	1 45	14 37	2 13	22 21	0 38	1 39	1 58	30 36	12 25	13 50	14 11	9 17			n.a.
S 7	3 54	28 2	4 42	3 29	1 55	15 18	0 42	10 24	1 24	9 4	1 44	14 36	2 13	22 21	0 38	1 40	1 58	30 36	12 26	13 50	14 10	9 20			n.a.
S 8	4 18	26 46	5 6	2 48	1 51	15 44	0 45	10 20	1 21	9 6	1 44	14 35	2 13	22 21	0 38	1 41	1 58	30 36	12 26	13 49	14 9	9 23			n.a.
M 9	4 42	23 59	5 15	2 5	1 47	16 11	0 48	10 15	1 18	9 8	1 44	14 34	2 13	22 21	0 38	1 41	1 58	30 37	12 26	13 49	14 8	9 27			n.a.
T 10	5 6	19 44	5 6	1 22	1 42	16 36	0 51	10 11	1 16	9 10	1 44	14 33	2 13	22 21	0 38	1 42	1 58	30 37	12 27	13 48	14 7	9 30			n.a.
W11	5 30	14 16	4 38	0 39	1 37	17 1	0 53	10 6	1 13	9 12	1 44	14 32	2 14	22 21	0 38	1 43	1 58	30 37	12 27	13 47	14 6	9 33			n.a.
T 12	5 54	7 50	3 51	0s 5	1 32	17 26	0 56	10 1	1 10	9 14	1 43	14 31	2 14	22 21	0 38	1 43	1 58	30 37	12 28	13 46	14 5	9 36			n.a.
F 13	6 17	0 49	2 47	0 49	1 26	17 51	0 59	9 56	1 7	9 16	1 43	14 29	2 14	22 21	0 37	1 44	1 58	30 37	12 28	13 45	14 4	9 40			n.a.
S 14	6 41	6n20	1 31	1 32	1 21	18 15	1 1	9 51	1 4	9 17	1 43	14 28	2 14	22 20	0 37	1 45	1 58	30 37	12 28	13 44	14 3	9 43			n.a.
S 15	7 4	13 8	0 8	2 16	1 15	18 38	1 4	9 45	1 1	9 19	1 43	14 27	2 14	22 20	0 37	1 45	1 58	30 37	12 29	13 44	14 2	9 46			n.a.
M16	7 27	19 6	1n15	3 0	1 9	19 1	1 7	9 40	0 58	9 21	1 42	14 26	2 14	22 20	0 37	1 46	1 58	30 37	12 29	13 44	14 1	9 49			n.a.
T 17	7 51	23 47	2 31	3 44	1 2	19 23	1 9	9 35	0 55	9 22	1 42	14 24	2 14	22 20	0 37	1 47	1 58	30 38	12 30	13 45	14 0	9 53			n.a.
W18	8 14	26 51	3 36	4 28	0 56	19 45	1 12	9 29	0 52	9 24	1 42	14 23	2 14	22 20	0 37	1 47	1 58	30 38	12 30	13 45	13 59	9 56			n.a.
T 19	8 37	28 7	4 25	5 12	0 50	20 7	1 14	9 24	0 49	9 25	1 42	14 22	2 14	22 20	0 37	1 48	1 58	30 38	12 31	13 45	13 58	9 59			n.a.
F 20	9 0	27 38	4 59	5 55	0 43	20 28	1 17	9 18	0 46	9 26	1 41	14 20	2 14	22 20	0 37	1 48	1 57	30 38	12 31	13 46	13 56	10 2			n.a.
S 21	9 22	25 36	5 15	6 38	0 37	20 48	1 19	9 13	0 43	9 28	1 41	14 19	2 14	22 20	0 37	1 49	1 57	30 38	12 31	13 46	13 55	10 5			n.a.
S 22	9 45	22 19	5 15	7 21	0 30	21 8	1 22	9 7	0 40	9 29	1 41	14 18	2 14	22 20	0 37	1 49	1 57	30 39	12 32	13 46	13 54	10 9			n.a.
M23	10 7	18 5	5 0	8 3	0 24	21 27	1 24	9 1	0 37	9 30	1 41	14 16	2 14	22 19	0 37	1 50	1 57	30 39	12 32	13 45	13 53	10 12			n.a.
T 24	10 30	13 11	4 32	8 45	0 17	21 45	1 26	8 56	0 34	9 31	1 40	14 15	2 14	22 19	0 37	1 51	1 57	30 39	12 33	13 45	13 52	10 15			n.a.
W25	10 52	7 52	3 52	9 27	0 10	22 3	1 29	8 51	0 31	9 32	1 40	14 14	2 14	22 19	0 37	1 51	1 57	30 39	12 33	13 44	13 51	10 18			n.a.
T 26	11 14	2 19	3 2	10 8	0 4	22 21	1 31	8 45	0 28	9 33	1 40	14 12	2 14	22 19	0 37	1 52	1 57	30 40	12 34	13 44	13 50	10 21			n.a.
F 27	11 36	3s17	2 5	10 49	0s 3	22 37	1 33	8 40	0 25	9 33	1 40	14 11	2 14	22 19	0 37	1 52	1 57	30 40	12 34	13 44	13 49	10 25			n.a.
S 28	11 57	8 45	1 3	11 29	0 9	22 54	1 35	8 35	0 22	9 34	1 39	14 9	2 14	22 18	0 37	1 53	1 57	30 40	12 35	13 43	13 48	10 28			n.a.
S 29	12 19	13 55	0s 3	12 9	0 16	23 9	1 37	8 30	0 19	9 35	1 39	14 8	2 14	22 18	0 37	1 53	1 57	30 40	12 35	13 43	13 47	10 31			n.a.
M30	12 40	18 36	1 8	12 49	0 22	23 24	1 39	8 25	0 16	9 35	1 39	14 7	2 14	22 18	0 37	1 54	1 57	30 41	12 35	13 43	13 46	10 34			n.a.
T 31	13s 1	22s35	2s10	13s27	0s29	23s38	1s41	8n20	0s13	9s36	1s38	14n 5	2s14	22s18	0s37	1s54	1s57	30n41	12n36	13n44	13n45	10s37			n.a.

Julian Day Number = 1623809.5, Delta T = 03h45m56s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'37, Lahiri = - 7°38'36 Julian Calendar 1 Oct. 268 BCE == Greg. Calendar 27 Sept. 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

NOVEMBER 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 24 3	5♏ 2'27	12♐15	5♏34	9♐36	21°R19	9°R32	13°R52	23♑20	29°R41	7♌44	6♉ 8	6♉ 8	29♎ 4	n.a.	W 1
T 2	2 27 59	6° 3'29	24°22	7° 8	10°50	21♈ 0	9♓30	13♉47	23°22	29♓40	7°45	6°R 8	6° 5	29°10	n.a.	T 2
F 3	2 31 56	7° 4'31	6♑41	8°42	12° 3	20°42	9°29	13°42	23°23	29°38	7°45	6° 8	6° 2	29°17	n.a.	F 3
S 4	2 35 52	8° 5'34	19°15	10°17	13°16	20°25	9°28	13°37	23°24	29°37	7°45	6° 8	5°59	29°24	n.a.	S 4
S 5	2 39 49	9° 6'38	2♒ 7	11°51	14°30	20° 8	9°27	13°32	23°26	29°36	7°46	6° 8	5°56	29°30	n.a.	S 5
M 6	2 43 45	10° 7'42	15°21	13°25	15°43	19°52	9°27	13°27	23°27	29°35	7°46	6°D 8	5°52	29°37	n.a.	M 6
T 7	2 47 42	11° 8'47	28°59	14°59	16°56	19°36	9°26	13°22	23°29	29°34	7°46	6° 8	5°49	29°43	n.a.	T 7
W 8	2 51 39	12° 9'53	13♓ 3	16°34	18° 9	19°22	9°26	13°17	23°30	29°33	7°46	6° 8	5°46	29°50	n.a.	W 8
T 9	2 55 35	13°10'59	27°31	18° 8	19°22	19° 8	9°D26	13°12	23°32	29°31	7°46	6° 9	5°43	29°57	n.a.	T 9
F 10	2 59 32	14°12'05	12♈20	19°42	20°35	18°55	9°26	13° 7	23°34	29°30	7°47	6°10	5°40	0♏ 3	n.a.	F 10
S 11	3 3 28	15°13'12	27°24	21°17	21°48	18°42	9°27	13° 2	23°35	29°29	7°47	6°10	5°37	0°10	n.a.	S 11
S 12	3 7 25	16°14'20	12♉36	22°51	23° 1	18°31	9°27	12°57	23°37	29°28	7°47	6°R10	5°33	0°17	n.a.	S 12
M13	3 11 21	17°15'29	27°45	24°26	24°14	18°20	9°28	12°52	23°39	29°27	7°47	6°10	5°30	0°23	n.a.	M13
T 14	3 15 18	18°16'38	12♊43	26° 0	25°27	18°10	9°29	12°47	23°41	29°26	7°R47	6° 8	5°27	0°30	n.a.	T 14
W15	3 19 15	19°17'49	27°21	27°35	26°40	18° 1	9°30	12°42	23°43	29°25	7°47	6° 7	5°24	0°37	n.a.	W15
T 16	3 23 11	20°19'00	11♋33	29°10	27°53	17°53	9°32	12°37	23°45	29°24	7°47	6° 5	5°21	0°43	n.a.	T 16
F 17	3 27 8	21°20'11	25°18	0♐45	29° 6	17°45	9°33	12°32	23°47	29°23	7°47	6° 3	5°18	0°50	n.a.	F 17
S 18	3 31 4	22°21'24	8♌34	2°19	0♑18	17°38	9°35	12°27	23°49	29°22	7°46	6° 2	5°14	0°57	n.a.	S 18
S 19	3 35 1	23°22'37	21°26	3°54	1°31	17°32	9°37	12°22	23°51	29°22	7°46	6°D 1	5°11	1° 3	n.a.	S 19
M20	3 38 57	24°23'51	3♍55	5°29	2°44	17°27	9°40	12°18	23°53	29°21	7°46	6° 2	5° 8	1°10	n.a.	M20
T 21	3 42 54	25°25'05	16° 7	7° 4	3°56	17°23	9°42	12°13	23°55	29°20	7°46	6° 3	5° 5	1°16	n.a.	T 21
W22	3 46 50	26°26'20	28° 6	8°39	5° 9	17°20	9°45	12° 8	23°57	29°19	7°46	6° 4	5° 2	1°23	n.a.	W22
T 23	3 50 47	27°27'36	9♎56	10°13	6°21	17°17	9°48	12° 3	23°59	29°19	7°45	6° 6	4°58	1°30	n.a.	T 23
F 24	3 54 44	28°28'52	21°43	11°48	7°33	17°15	9°51	11°59	24° 2	29°18	7°45	6° 8	4°55	1°36	n.a.	F 24
S 25	3 58 40	29°30'08	3♏30	13°22	8°46	17°14	9°54	11°54	24° 4	29°17	7°45	6°R 8	4°52	1°43	n.a.	S 25
S 26	4 2 37	0♐31'25	15°19	14°56	9°58	17°D14	9°57	11°49	24° 6	29°17	7°44	6° 8	4°49	1°50	n.a.	S 26
M27	4 6 33	1°32'42	27°13	16°29	11°10	17°14	10° 1	11°45	24° 9	29°16	7°44	6° 6	4°46	1°56	n.a.	M27
T 28	4 10 30	2°33'59	9♐15	18° 1	12°22	17°16	10° 5	11°40	24°11	29°15	7°44	6° 3	4°43	2° 3	n.a.	T 28
W29	4 14 26	3°35'17	21°25	19°33	13°34	17°18	10° 9	11°36	24°14	29°15	7°43	5°59	4°39	2°10	n.a.	W29
T 30	4 18 23	4♐36'34	3♑46	21♐ 4	14♑46	17♈21	10♓13	11♉32	24♑16	29♓14	7♌43	5♉54	4♉36	2♏16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s22	25s38	3s 8	14s 5	0s35	23s51	1s43	8n15	0s10	9s36	1s38	14n 4	2s14	22s17	0s37	1s55	1s57	30n41	12n36	13n44	13n44	10s41		n.a.
T 2	13 42	27 34	3 57	14 43	0 41	24 4	1 45	8 11	0 7	9 36	1 38	14 2	2 14	22 17	0 37	1 55	1 57	30 42	12 37	13 44	13 43	10 44		n.a.
F 3	14 2	28 10	4 37	15 19	0 48	24 16	1 47	8 6	0 5	9 36	1 37	14 1	2 14	22 17	0 37	1 56	1 57	30 42	12 37	13 44	13 42	10 47		n.a.
S 4	14 23	27 21	5 4	15 56	0 54	24 28	1 48	8 2	0 2	9 37	1 37	13 59	2 14	22 17	0 37	1 56	1 57	30 42	12 38	13 44	13 41	10 50		n.a.
S 5	14 42	25 4	5 17	16 31	0 59	24 38	1 50	7 59	0n 1	9 37	1 37	13 58	2 14	22 16	0 37	1 57	1 57	30 43	12 38	13 44	13 39	10 53		n.a.
M 6	15 2	21 25	5 14	17 5	1 5	24 48	1 52	7 55	0 4	9 37	1 37	13 56	2 14	22 16	0 37	1 57	1 57	30 43	12 39	13 44	13 38	10 57		n.a.
T 7	15 21	16 32	4 53	17 39	1 11	24 57	1 53	7 51	0 6	9 36	1 36	13 55	2 14	22 16	0 37	1 58	1 57	30 43	12 39	13 44	13 37	11 0		n.a.
W 8	15 40	10 39	4 14	18 12	1 16	25 6	1 55	7 48	0 9	9 36	1 36	13 54	2 14	22 16	0 37	1 58	1 57	30 44	12 40	13 44	13 36	11 3		n.a.
T 9	15 59	4 2	3 19	18 44	1 22	25 13	1 56	7 45	0 11	9 36	1 36	13 52	2 14	22 15	0 37	1 58	1 57	30 44	12 40	13 44	13 35	11 6		n.a.
F 10	16 18	2n58	2 9	19 16	1 27	25 20	1 57	7 43	0 14	9 36	1 35	13 51	2 13	22 15	0 37	1 59	1 57	30 45	12 40	13 44	13 34	11 9		n.a.
S 11	16 36	9 55	0 49	19 46	1 32	25 27	1 58	7 40	0 17	9 35	1 35	13 49	2 13	22 15	0 37	1 59	1 57	30 45	12 41	13 44	13 33	11 13		n.a.
S 12	16 54	16 22	0n36	20 16	1 36	25 32	2 0	7 38	0 19	9 35	1 35	13 48	2 13	22 14	0 37	2 0	1 57	30 45	12 41	13 44	13 32	11 16		n.a.
M13	17 11	21 48	1 57	20 44	1 41	25 37	2 1	7 36	0 21	9 34	1 34	13 46	2 13	22 14	0 37	2 0	1 57	30 46	12 42	13 44	13 31	11 19		n.a.
T 14	17 29	25 43	3 9	21 11	1 45	25 41	2 2	7 34	0 24	9 33	1 34	13 45	2 13	22 14	0 37	2 0	1 57	30 46	12 42	13 44	13 30	11 22		n.a.
W15	17 46	27 49	4 7	21 38	1 49	25 44	2 3	7 33	0 26	9 33	1 34	13 44	2 13	22 13	0 37	2 1	1 57	30 47	12 43	13 43	13 29	11 25		n.a.
T 16	18 2	28 0	4 48	22 3	1 53	25 46	2 3	7 32	0 28	9 32	1 33	13 42	2 13	22 13	0 37	2 1	1 56	30 47	12 43	13 43	13 28	11 28		n.a.
F 17	18 19	26 26	5 11	22 27	1 56	25 48	2 4	7 31	0 30	9 31	1 33	13 41	2 13	22 13	0 37	2 1	1 56	30 48	12 44	13 42	13 27	11 32		n.a.
S 18	18 35	23 25	5 16	22 50	1 59	25 49	2 5	7 30	0 33	9 30	1 33	13 39	2 13	22 12	0 37	2 2	1 56	30 48	12 44	13 42	13 26	11 35		n.a.
S 19	18 51	19 20	5 5	23 11	2 2	25 49	2 5	7 30	0 35	9 29	1 32	13 38	2 13	22 12	0 37	2 2	1 56	30 49	12 45	13 41	13 24	11 38		n.a.
M20	19 6	14 32	4 40	23 31	2 5	25 48	2 6	7 30	0 37	9 28	1 32	13 37	2 12	22 11	0 37	2 2	1 56	30 49	12 45	13 42	13 23	11 41		n.a.
T 21	19 21	9 16	4 3	23 50	2 7	25 46	2 6	7 30	0 39	9 26	1 32	13 35	2 12	22 11	0 36	2 2	1 56	30 50	12 45	13 42	13 22	11 44		n.a.
W22	19 36	3 45	3 15	24 8	2 9	25 44	2 7	7 30	0 41	9 25	1 31	13 34	2 12	22 11	0 36	2 3	1 56	30 50	12 46	13 42	13 21	11 47		n.a.
T 23	19 50	1s51	2 20	24 24	2 10	25 41	2 7	7 31	0 42	9 24	1 31	13 33	2 12	22 10	0 36	2 3	1 56	30 51	12 46	13 43	13 20	11 51		n.a.
F 24	20 4	7 21	1 19	24 38	2 11	25 37	2 7	7 32	0 44	9 22	1 31	13 31	2 12	22 10	0 36	2 3	1 56	30 51	12 47	13 43	13 19	11 54		n.a.
S 25	20 17	12 36	0 15	24 51	2 11	25 33	2 7	7 33	0 46	9 21	1 31	13 30	2 12	22 9	0 36	2 3	1 56	30 52	12 47	13 44	13 18	11 57		n.a.
S 26	20 30	17 26	0s50	25 2	2 11	25 27	2 7	7 35	0 48	9 19	1 30	13 29	2 12	22 9	0 36	2 4	1 56	30 52	12 48	13 44	13 17	12 0		n.a.
M27	20 43	21 37	1 53	25 12	2 10	25 21	2 7	7 37	0 50	9 17	1 30	13 28	2 11	22 8	0 36	2 4	1 56	30 53	12 48	13 43	13 16	12 3		n.a.
T 28	20 56	24 56	2 52	25 20	2 9	25 15	2 6	7 39	0 51	9 16	1 30	13 26	2 11	22 8	0 36	2 4	1 56	30 53	12 49	13 42	13 15	12 6		n.a.
W29	21 8	27 10	3 44	25 26	2 7	25 7	2 6	7 41	0 53	9 14	1 29	13 25	2 11	22 8	0 36	2 4	1 56	30 54	12 49	13 41	13 14	12 10		n.a.
T 30	21s19	28s 6	4s25	25s30	2s 5	24s59	2s 6	7n43	0n54	9s12	1s29	13n24	2s11	22s 7	0s36	2s 4	1s56	30n54	12n49	13n39	13n13	12s13		n.a.

Julian Day Number = 1623840.5, Delta T = 03h45m55s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'33, Lahiri = - 7°38'32 Julian Calendar 1 Nov. 268 BCE == Greg. Calendar 28 Oct. 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 268 BCE
geocentric

DECEMBER 268 BCE (-267) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 22 19	5♐37'51	16♑18	22♐33	15♑58	17♈24	10♓18	11°R27	24♑19	29°R14	7°R42	5°R49	4♉33	2♏23	n.a.	F 1
S 2	4 26 16	6°39'08	29° 2	24° 1	17°10	17°29	10°22	11♉23	24°21	29♓13	7♌41	5♉44	4°30	2°30	n.a.	S 2
S 3	4 30 13	7°40'24	12♒ 1	25°27	18°22	17°34	10°27	11°19	24°24	29°13	7°41	5°40	4°27	2°36	n.a.	S 3
M 4	4 34 9	8°41'40	25°15	26°50	19°33	17°40	10°32	11°15	24°27	29°13	7°40	5°37	4°24	2°43	n.a.	M 4
T 5	4 38 6	9°42'56	8♓47	28°11	20°45	17°46	10°37	11°11	24°29	29°12	7°40	5°D37	4°20	2°50	n.a.	T 5
W 6	4 42 2	10°44'11	22°37	29°28	21°56	17°53	10°43	11° 7	24°32	29°12	7°39	5°37	4°17	2°56	n.a.	W 6
T 7	4 45 59	11°45'25	6♈46	0♑42	23° 7	18° 1	10°48	11° 3	24°35	29°12	7°38	5°38	4°14	3° 3	n.a.	T 7
F 8	4 49 55	12°46'39	21°12	1°51	24°19	18° 9	10°54	10°59	24°37	29°12	7°38	5°40	4°11	3° 9	n.a.	F 8
S 9	4 53 52	13°47'52	5♉54	2°55	25°30	18°19	11° 0	10°55	24°40	29°11	7°37	5°R41	4° 8	3°16	n.a.	S 9
S 10	4 57 49	14°49'05	20°46	3°54	26°41	18°28	11° 6	10°51	24°43	29°11	7°36	5°40	4° 4	3°23	n.a.	S 10
M11	5 1 45	15°50'17	5♊42	4°45	27°52	18°39	11°12	10°48	24°46	29°11	7°35	5°37	4° 1	3°29	n.a.	M11
T 12	5 5 42	16°51'29	20°32	5°28	29° 2	18°50	11°18	10°44	24°49	29°11	7°34	5°32	3°58	3°36	n.a.	T 12
W13	5 9 38	17°52'40	5♋ 9	6° 3	0♒13	19° 1	11°25	10°41	24°52	29°11	7°34	5°25	3°55	3°43	n.a.	W13
T 14	5 13 35	18°53'51	19°26	6°29	1°24	19°13	11°32	10°37	24°55	29°D11	7°33	5°18	3°52	3°49	n.a.	T 14
F 15	5 17 31	19°55'02	3♌17	6°44	2°34	19°26	11°38	10°34	24°58	29°11	7°32	5°11	3°49	3°56	n.a.	F 15
S 16	5 21 28	20°56'12	16°42	6°R49	3°44	19°39	11°46	10°31	25° 1	29°11	7°31	5° 5	3°45	4° 3	n.a.	S 16
S 17	5 25 24	21°57'21	29°39	6°42	4°55	19°53	11°53	10°28	25° 4	29°11	7°30	5° 0	3°42	4° 9	n.a.	S 17
M18	5 29 21	22°58'30	12♍13	6°23	6° 5	20° 7	12° 0	10°25	25° 7	29°11	7°29	4°57	3°39	4°16	n.a.	M18
T 19	5 33 18	23°59'39	24°27	5°52	7°14	20°22	12° 8	10°22	25°10	29°11	7°28	4°D57	3°36	4°23	n.a.	T 19
W20	5 37 14	25° 0'47	6♎27	5°11	8°24	20°37	12°15	10°19	25°13	29°11	7°27	4°57	3°33	4°29	n.a.	W20
T 21	5 41 11	26° 1'54	18°17	4°19	9°34	20°53	12°23	10°16	25°16	29°12	7°26	4°59	3°30	4°36	n.a.	T 21
F 22	5 45 7	27° 3'01	0♏ 3	3°18	10°43	21° 9	12°31	10°14	25°19	29°12	7°25	5°R 0	3°26	4°43	n.a.	F 22
S 23	5 49 4	28° 4'08	11°51	2°11	11°53	21°26	12°39	10°11	25°22	29°12	7°24	4°59	3°23	4°49	n.a.	S 23
S 24	5 53 0	29° 5'13	23°43	0°58	13° 2	21°43	12°47	10° 9	25°26	29°13	7°22	4°57	3°20	4°56	n.a.	S 24
M25	5 56 57	0♑ 6'18	5♐44	29♐42	14°11	22° 1	12°56	10° 7	25°29	29°13	7°21	4°53	3°17	5° 2	n.a.	M25
T 26	6 0 53	1° 7'22	17°57	28°26	15°20	22°19	13° 4	10° 4	25°32	29°13	7°20	4°46	3°14	5° 9	n.a.	T 26
W27	6 4 50	2° 8'26	0♑22	27°11	16°28	22°38	13°13	10° 2	25°35	29°14	7°19	4°36	3°10	5°16	n.a.	W27
T 28	6 8 47	3° 9'28	13° 1	26° 1	17°37	22°57	13°22	10° 0	25°38	29°14	7°18	4°25	3° 7	5°22	n.a.	T 28
F 29	6 12 43	4°10'29	25°53	24°55	18°45	23°16	13°31	9°58	25°42	29°15	7°17	4°14	3° 4	5°29	n.a.	F 29
S 30	6 16 40	5°11'28	8♒58	23°57	19°53	23°36	13°40	9°57	25°45	29°15	7°15	4° 3	3° 1	5°36	n.a.	S 30
S 31	6 20 36	6♑12'27	22♒15	23♐ 6	21♒ 1	23♈56	13♓49	9♉55	25♑48	29♓16	7♌14	3♉54	2♉58	5♏42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s30	27s36	4s55	25s32	2s 2	24s50	2s 5	7n46	0n56	9s10	1s29	13n23	2s11	22s 7	0s36	2s 4	1s56	30n55	12n50	13n37	13n12	12s16		n.a.
S 2	21 41	25 39	5 10	25 33	1 58	24 40	2 4	7 49	0 57	9 8	1 28	13 22	2 10	22 6	0 36	2 5	1 56	30 55	12 50	13 35	13 10	12 19		n.a.
S 3	21 51	22 21	5 11	25 32	1 53	24 30	2 4	7 53	0 59	9 6	1 28	13 21	2 10	22 6	0 36	2 5	1 56	30 56	12 51	13 34	13 9	12 22		n.a.
M 4	22 1	17 52	4 55	25 29	1 47	24 18	2 3	7 56	1 0	9 3	1 28	13 20	2 10	22 5	0 36	2 5	1 55	30 56	12 51	13 33	13 8	12 25		n.a.
T 5	22 11	12 25	4 22	25 24	1 41	24 7	2 2	8 0	1 1	9 1	1 28	13 18	2 10	22 5	0 36	2 5	1 55	30 57	12 51	13 33	13 7	12 28		n.a.
W 6	22 20	6 14	3 34	25 17	1 33	23 54	2 1	8 4	1 3	8 59	1 27	13 17	2 10	22 4	0 36	2 5	1 55	30 58	12 52	13 33	13 6	12 31		n.a.
T 7	22 28	0n24	2 31	25 9	1 25	23 41	1 59	8 8	1 4	8 57	1 27	13 16	2 9	22 4	0 36	2 5	1 55	30 58	12 52	13 34	13 5	12 35		n.a.
F 8	22 36	7 10	1 18	24 58	1 15	23 27	1 58	8 12	1 5	8 54	1 27	13 15	2 9	22 3	0 36	2 5	1 55	30 59	12 53	13 34	13 4	12 38		n.a.
S 9	22 44	13 40	0n 1	24 47	1 5	23 13	1 57	8 17	1 6	8 52	1 26	13 14	2 9	22 3	0 36	2 5	1 55	30 59	12 53	13 34	13 3	12 41		n.a.
S 10	22 51	19 28	1 21	24 33	0 53	22 58	1 55	8 22	1 7	8 49	1 26	13 13	2 9	22 2	0 36	2 5	1 55	31 0	12 53	13 34	13 2	12 44		n.a.
M11	22 58	24 4	2 36	24 19	0 40	22 42	1 54	8 27	1 9	8 46	1 26	13 13	2 9	22 2	0 36	2 5	1 55	31 1	12 54	13 33	13 1	12 47		n.a.
T 12	23 4	27 2	3 39	24 3	0 26	22 25	1 52	8 32	1 10	8 44	1 25	13 12	2 8	22 1	0 36	2 5	1 55	31 1	12 54	13 31	13 0	12 50		n.a.
W13	23 10	28 5	4 27	23 46	0 11	22 8	1 50	8 37	1 11	8 41	1 25	13 11	2 8	22 0	0 36	2 5	1 55	31 2	12 55	13 29	12 59	12 53		n.a.
T 14	23 16	27 12	4 57	23 29	0n 5	21 51	1 48	8 43	1 12	8 38	1 25	13 10	2 8	22 0	0 36	2 5	1 55	31 2	12 55	13 27	12 57	12 56		n.a.
F 15	23 20	24 39	5 9	23 11	0 22	21 33	1 46	8 49	1 13	8 35	1 25	13 9	2 8	21 59	0 36	2 5	1 55	31 3	12 55	13 24	12 56	13 0		n.a.
S 16	23 25	20 49	5 3	22 53	0 40	21 14	1 44	8 55	1 14	8 32	1 24	13 8	2 7	21 59	0 36	2 5	1 55	31 4	12 56	13 22	12 55	13 3		n.a.
S 17	23 29	16 6	4 41	22 35	0 59	20 55	1 42	9 1	1 15	8 29	1 24	13 8	2 7	21 58	0 36	2 5	1 55	31 4	12 56	13 21	12 54	13 6		n.a.
M18	23 32	10 51	4 6	22 16	1 18	20 35	1 39	9 7	1 15	8 26	1 24	13 7	2 7	21 58	0 36	2 5	1 55	31 5	12 56	13 20	12 53	13 9		n.a.
T 19	23 35	5 18	3 21	21 59	1 37	20 15	1 37	9 14	1 16	8 23	1 24	13 6	2 7	21 57	0 36	2 4	1 55	31 5	12 57	13 20	12 52	13 12		n.a.
W20	23 38	0s20	2 28	21 42	1 56	19 54	1 34	9 20	1 17	8 20	1 23	13 6	2 6	21 56	0 36	2 4	1 54	31 6	12 57	13 20	12 51	13 15		n.a.
T 21	23 40	5 53	1 29	21 25	2 14	19 33	1 32	9 27	1 18	8 16	1 23	13 5	2 6	21 56	0 36	2 4	1 54	31 7	12 58	13 20	12 50	13 18		n.a.
F 22	23 42	11 13	0 27	21 10	2 32	19 11	1 29	9 34	1 19	8 13	1 23	13 4	2 6	21 55	0 36	2 4	1 54	31 7	12 58	13 21	12 49	13 21		n.a.
S 23	23 43	16 9	0s37	20 56	2 47	18 49	1 26	9 41	1 19	8 10	1 22	13 4	2 6	21 55	0 36	2 4	1 54	31 8	12 58	13 21	12 48	13 24		n.a.
S 24	23 44	20 31	1 39	20 42	3 1	18 26	1 23	9 48	1 20	8 6	1 22	13 3	2 5	21 54	0 36	2 4	1 54	31 9	12 59	13 20	12 47	13 27		n.a.
M25	23 44	24 6	2 37	20 31	3 13	18 3	1 20	9 55	1 21	8 3	1 22	13 3	2 5	21 53	0 36	2 3	1 54	31 9	12 59	13 18	12 45	13 30		n.a.
T 26	23 43	26 39	3 29	20 21	3 22	17 39	1 16	10 3	1 22	7 59	1 22	13 2	2 5	21 53	0 36	2 3	1 54	31 10	12 59	13 16	12 44	13 34		n.a.
W27	23 43	27 56	4 12	20 13	3 29	17 15	1 13	10 11	1 22	7 55	1 21	13 2	2 5	21 52	0 36	2 3	1 54	31 10	12 59	13 13	12 43	13 37		n.a.
T 28	23 41	27 47	4 43	20 6	3 34	16 51	1 10	10 18	1 23	7 52	1 21	13 2	2 4	21 52	0 36	2 3	1 54	31 11	13 0	13 9	12 42	13 40		n.a.
F 29	23 40	26 9	5 1	20 2	3 36	16 26	1 6	10 26	1 23	7 48	1 21	13 1	2 4	21 51	0 36	2 2	1 54	31 12	13 0	13 5	12 41	13 43		n.a.
S 30	23 38	23 5	5 3	20 0	3 36	16 1	1 2	10 34	1 24	7 44	1 21	13 1	2 4	21 50	0 36	2 2	1 54	31 12	13 0	13 1	12 40	13 46		n.a.
S 31	23s35	18s48	4s49	19s59	3n34	15s35	0s59	10n42	1n25	7s40	1s20	13n 1	2s 3	21s50	0s36	2s 2	1s54	31n13	13n 1	12n58	12n39	13s49		n.a.

Julian Day Number = 1623870.5, Delta T = 03h45m54s
Ecliptic obliquity = 23°43'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'29, Lahiri = - 7°38'28 Julian Calendar 1 Dec. 268 BCE == Greg. Calendar 27 Nov. 268 BCE

The year -267 astronomical counting style corresponds to year 268 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

JANUARY 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 24 33	7♑13'24	5♓42	22°R23	22♒ 9	24♈16	13♓59	9°R53	25♑52	29♓16	7°R13	3°R47	2♉55	5♏49	n.a.	M 1
T 2	6 28 29	8°14'19	19°20	21♐49	23°16	24°37	14° 8	9♉52	25°55	29°17	7♌11	3♉43	2°51	5°56	n.a.	T 2
W 3	6 32 26	9°15'13	3♈ 9	21°24	24°24	24°58	14°18	9°51	25°58	29°18	7°10	3°42	2°48	6° 2	n.a.	W 3
T 4	6 36 23	10°16'05	17° 8	21° 6	25°31	25°20	14°27	9°49	26° 2	29°18	7° 9	3°D42	2°45	6° 9	n.a.	T 4
F 5	6 40 19	11°16'56	1♉17	20°58	26°38	25°42	14°37	9°48	26° 5	29°19	7° 7	3°R42	2°42	6°16	n.a.	F 5
S 6	6 44 16	12°17'45	15°35	20°D57	27°44	26° 4	14°47	9°47	26° 9	29°20	7° 6	3°42	2°39	6°22	n.a.	S 6
S 7	6 48 12	13°18'32	0♊ 1	21° 3	28°51	26°27	14°57	9°46	26°12	29°21	7° 5	3°39	2°36	6°29	n.a.	S 7
M 8	6 52 9	14°19'18	14°30	21°16	29°57	26°50	15° 8	9°46	26°15	29°22	7° 3	3°34	2°32	6°36	n.a.	M 8
T 9	6 56 5	15°20'02	28°57	21°35	1♋ 3	27°13	15°18	9°45	26°19	29°22	7° 2	3°26	2°29	6°42	n.a.	T 9
W10	7 0 2	16°20'45	13♋16	22° 0	2° 8	27°36	15°28	9°44	26°22	29°23	7° 1	3°15	2°26	6°49	n.a.	W10
T 11	7 3 58	17°21'26	27°20	22°31	3°14	28° 0	15°39	9°44	26°26	29°24	6°59	3° 3	2°23	6°55	n.a.	T 11
F 12	7 7 55	18°22'06	11♌ 5	23° 6	4°19	28°24	15°50	9°44	26°29	29°25	6°58	2°51	2°20	7° 2	n.a.	F 12
S 13	7 11 52	19°22'44	24°28	23°46	5°23	28°49	16° 0	9°43	26°32	29°26	6°56	2°40	2°16	7° 9	n.a.	S 13
S 14	7 15 48	20°23'20	7♍26	24°30	6°28	29°13	16°11	9°D43	26°36	29°27	6°55	2°31	2°13	7°15	n.a.	S 14
M15	7 19 45	21°23'56	20° 3	25°18	7°32	29°38	16°22	9°43	26°39	29°28	6°53	2°25	2°10	7°22	n.a.	M15
T 16	7 23 41	22°24'30	2♎19	26°10	8°36	0♉ 3	16°33	9°44	26°43	29°29	6°52	2°21	2° 7	7°29	n.a.	T 16
W17	7 27 38	23°25'02	14°21	27° 5	9°39	0°29	16°45	9°44	26°46	29°31	6°50	2°19	2° 4	7°35	n.a.	W17
T 18	7 31 34	24°25'33	26°13	28° 2	10°42	0°54	16°56	9°44	26°50	29°32	6°49	2°19	2° 1	7°42	n.a.	T 18
F 19	7 35 31	25°26'03	8♏ 0	29° 3	11°45	1°20	17° 7	9°45	26°53	29°33	6°47	2°19	1°57	7°49	n.a.	F 19
S 20	7 39 27	26°26'31	19°49	0♑ 6	12°48	1°46	17°19	9°45	26°57	29°34	6°46	2°18	1°54	7°55	n.a.	S 20
S 21	7 43 24	27°26'58	1♐44	1°11	13°50	2°13	17°30	9°46	27° 0	29°35	6°44	2°15	1°51	8° 2	n.a.	S 21
M22	7 47 21	28°27'23	13°50	2°19	14°52	2°39	17°42	9°47	27° 4	29°37	6°43	2°10	1°48	8° 9	n.a.	M22
T 23	7 51 17	29°27'46	26°11	3°29	15°53	3° 6	17°54	9°48	27° 7	29°38	6°41	2° 1	1°45	8°15	n.a.	T 23
W24	7 55 14	0♒28'08	8♑50	4°40	16°54	3°33	18° 5	9°49	27°11	29°39	6°40	1°50	1°42	8°22	n.a.	W24
T 25	7 59 10	1°28'29	21°46	5°54	17°54	4° 0	18°17	9°50	27°14	29°41	6°38	1°37	1°38	8°29	n.a.	T 25
F 26	8 3 7	2°28'47	5♒ 0	7° 9	18°55	4°27	18°29	9°51	27°18	29°42	6°37	1°24	1°35	8°35	n.a.	F 26
S 27	8 7 3	3°29'04	18°29	8°26	19°54	4°55	18°41	9°53	27°21	29°43	6°35	1°11	1°32	8°42	n.a.	S 27
S 28	8 11 0	4°29'18	2♓11	9°44	20°53	5°23	18°54	9°54	27°24	29°45	6°34	1° 0	1°29	8°48	n.a.	S 28
M29	8 14 56	5°29'30	16° 2	11° 4	21°52	5°51	19° 6	9°56	27°28	29°46	6°32	0°51	1°26	8°55	n.a.	M29
T 30	8 18 53	6°29'41	29°59	12°26	22°50	6°19	19°18	9°58	27°31	29°48	6°30	0°46	1°22	9° 2	n.a.	T 30
W31	8 22 50	7♒29'48	14♈ 0	13♑48	23♓48	6♉47	19♓31	9♉59	27♑35	29♓49	6♌29	0♉43	1♉19	9♏ 8	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s32	13s31	4s18	20s 1	3n30	15s 9	0s55	10n50	1n25	7s37	1s20	13n 1	2s 3	21s49	0s36	2s 2	1s54	31n14	13n 1	12n56	12n38	13s52		n.a.
T 2	23 28	7 32	3 33	20 4	3 25	14 43	0 51	10 59	1 26	7 33	1 20	13 0	2 3	21 48	0 36	2 1	1 54	31 14	13 1	12 55	12 37	13 55		n.a.
W 3	23 24	1 6	2 35	20 9	3 18	14 17	0 47	11 7	1 26	7 29	1 20	13 0	2 3	21 48	0 36	2 1	1 54	31 15	13 1	12 54	12 36	13 58		n.a.
T 4	23 20	5n28	1 27	20 16	3 10	13 50	0 42	11 15	1 27	7 25	1 20	13 0	2 2	21 47	0 36	2 1	1 54	31 15	13 2	12 54	12 34	14 1		n.a.
F 5	23 15	11 52	0 13	20 24	3 1	13 23	0 38	11 24	1 27	7 21	1 19	13 0	2 2	21 47	0 36	2 0	1 53	31 16	13 2	12 54	12 33	14 4		n.a.
S 6	23 9	17 42	1n 3	20 33	2 52	12 56	0 34	11 33	1 28	7 16	1 19	13 0	2 2	21 46	0 36	2 0	1 53	31 17	13 2	12 54	12 32	14 7		n.a.
S 7	23 3	22 36	2 15	20 44	2 42	12 28	0 29	11 41	1 28	7 12	1 19	13 0	2 2	21 45	0 36	2 0	1 53	31 17	13 2	12 53	12 31	14 10		n.a.
M 8	22 57	26 6	3 19	20 55	2 32	12 1	0 25	11 50	1 28	7 8	1 19	13 0	2 1	21 45	0 36	1 59	1 53	31 18	13 3	12 51	12 30	14 13		n.a.
T 9	22 50	27 53	4 9	21 7	2 21	11 33	0 20	11 59	1 29	7 4	1 18	13 0	2 1	21 44	0 36	1 59	1 53	31 19	13 3	12 49	12 29	14 16		n.a.
W10	22 43	27 46	4 43	21 19	2 10	11 4	0 15	12 8	1 29	7 0	1 18	13 0	2 1	21 43	0 36	1 58	1 53	31 19	13 3	12 45	12 28	14 20		n.a.
T 11	22 35	25 50	5 0	21 32	1 59	10 36	0 10	12 17	1 30	6 55	1 18	13 0	2 0	21 43	0 36	1 58	1 53	31 20	13 3	12 41	12 27	14 23		n.a.
F 12	22 27	22 26	4 58	21 45	1 48	10 8	0 5	12 26	1 30	6 51	1 18	13 0	2 0	21 42	0 36	1 57	1 53	31 20	13 4	12 37	12 26	14 26		n.a.
S 13	22 19	17 55	4 40	21 58	1 37	9 39	0 0	12 35	1 30	6 46	1 18	13 1	2 0	21 41	0 36	1 57	1 53	31 21	13 4	12 33	12 25	14 29		n.a.
S 14	22 10	12 42	4 8	22 11	1 26	9 10	0n 5	12 44	1 31	6 42	1 17	13 1	1 59	21 41	0 36	1 57	1 53	31 22	13 4	12 30	12 23	14 32		n.a.
M15	22 0	7 7	3 24	22 23	1 16	8 41	0 10	12 54	1 31	6 37	1 17	13 1	1 59	21 40	0 36	1 56	1 53	31 22	13 4	12 27	12 22	14 35		n.a.
T 16	21 50	1 23	2 32	22 36	1 5	8 12	0 16	13 3	1 31	6 33	1 17	13 2	1 59	21 39	0 36	1 56	1 53	31 23	13 4	12 26	12 21	14 38		n.a.
W17	21 40	4s17	1 34	22 48	0 54	7 43	0 21	13 12	1 32	6 28	1 17	13 2	1 59	21 39	0 36	1 55	1 53	31 23	13 5	12 26	12 20	14 41		n.a.
T 18	21 30	9 44	0 32	22 59	0 44	7 14	0 27	13 22	1 32	6 24	1 17	13 2	1 58	21 38	0 36	1 55	1 53	31 24	13 5	12 25	12 19	14 44		n.a.
F 19	21 19	14 49	0s30	23 10	0 34	6 44	0 33	13 31	1 32	6 19	1 16	13 3	1 58	21 37	0 36	1 54	1 53	31 24	13 5	12 25	12 18	14 47		n.a.
S 20	21 7	19 22	1 31	23 20	0 24	6 15	0 38	13 40	1 32	6 14	1 16	13 3	1 58	21 37	0 36	1 53	1 53	31 25	13 5	12 25	12 17	14 50		n.a.
S 21	20 55	23 11	2 29	23 29	0 14	5 45	0 44	13 50	1 33	6 10	1 16	13 4	1 57	21 36	0 36	1 53	1 53	31 26	13 5	12 24	12 16	14 53		n.a.
M22	20 43	26 4	3 21	23 38	0 5	5 16	0 50	13 59	1 33	6 5	1 16	13 4	1 57	21 35	0 36	1 52	1 52	31 26	13 5	12 22	12 15	14 56		n.a.
T 23	20 31	27 44	4 4	23 45	0s 4	4 46	0 56	14 9	1 33	6 0	1 16	13 5	1 57	21 35	0 36	1 52	1 52	31 27	13 5	12 19	12 13	14 59		n.a.
W24	20 18	28 2	4 37	23 52	0 13	4 17	1 2	14 19	1 33	5 55	1 15	13 5	1 57	21 34	0 36	1 51	1 52	31 27	13 6	12 15	12 12	15 2		n.a.
T 25	20 4	26 48	4 56	23 58	0 22	3 47	1 8	14 28	1 34	5 50	1 15	13 6	1 56	21 33	0 36	1 51	1 52	31 28	13 6	12 11	12 11	15 5		n.a.
F 26	19 51	24 5	4 59	24 2	0 30	3 18	1 15	14 38	1 34	5 45	1 15	13 7	1 56	21 33	0 36	1 50	1 52	31 28	13 6	12 6	12 10	15 8		n.a.
S 27	19 37	20 0	4 47	24 6	0 38	2 48	1 21	14 47	1 34	5 40	1 15	13 7	1 56	21 32	0 36	1 49	1 52	31 29	13 6	12 2	12 9	15 11		n.a.
S 28	19 22	14 49	4 17	24 8	0 46	2 19	1 27	14 57	1 34	5 35	1 15	13 8	1 55	21 31	0 36	1 49	1 52	31 29	13 6	11 58	12 8	15 14		n.a.
M29	19 8	8 50	3 33	24 9	0 54	1 50	1 34	15 7	1 34	5 30	1 15	13 9	1 55	21 30	0 36	1 48	1 52	31 30	13 6	11 55	12 7	15 17		n.a.
T 30	18 53	2 22	2 35	24 9	1 1	1 20	1 40	15 16	1 34	5 25	1 14	13 10	1 55	21 30	0 36	1 47	1 52	31 30	13 6	11 53	12 6	15 20		n.a.
W31	18s37	4n15	1s27	24s 7	1s 8	0s51	1n47	15n26	1n35	5s20	1s14	13n11	1s55	21s29	0s36	1s47	1s52	31n31	13n 6	11n52	12n 5	15s23		n.a.

Julian Day Number = 1623901.5, Delta T = 03h45m53s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'24, Lahiri = - 7°38'24 Julian Calendar 1 Jan. 267 BCE == Greg. Calendar 28 Dec. 268 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

FEBRUARY 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 26 46	8♒29'54	28♈ 4	15♉13	24♓45	7♉16	19♓43	10♉ 1	27♉38	29♓51	6°R27	0°D43	1♉16	9♏15	n.a.	T 1
F 2	8 30 43	9°29'58	12♉ 9	16°38	25°42	7°45	19°56	10° 3	27°42	29°52	6♌26	0°R43	1°13	9°22	n.a.	F 2
S 3	8 34 39	10°29'59	26°15	18° 5	26°38	8°14	20° 8	10° 6	27°45	29°54	6°24	0♉42	1°10	9°28	n.a.	S 3
S 4	8 38 36	11°29'58	10♊20	19°33	27°34	8°43	20°21	10° 8	27°48	29°56	6°23	0°39	1° 7	9°35	n.a.	S 4
M 5	8 42 32	12°29'55	24°24	21° 2	28°28	9°12	20°34	10°10	27°52	29°57	6°21	0°34	1° 3	9°42	n.a.	M 5
T 6	8 46 29	13°29'49	8♋23	22°32	29°23	9°41	20°46	10°13	27°55	29°59	6°20	0°26	1° 0	9°48	n.a.	T 6
W 7	8 50 25	14°29'41	22°15	24° 4	0♈16	10°11	20°59	10°15	27°59	0♈ 1	6°18	0°16	0°57	9°55	n.a.	W 7
T 8	8 54 22	15°29'31	5♌56	25°36	1° 9	10°40	21°12	10°18	28° 2	0° 2	6°17	0° 4	0°54	10° 2	n.a.	T 8
F 9	8 58 19	16°29'19	19°21	27°10	2° 1	11°10	21°25	10°21	28° 5	0° 4	6°15	29♈51	0°51	10° 8	n.a.	F 9
S 10	9 2 15	17°29'05	2♍30	28°46	2°53	11°40	21°38	10°24	28° 9	0° 6	6°13	29°40	0°48	10°15	n.a.	S 10
S 11	9 6 12	18°28'49	15°19	0♒22	3°43	12°10	21°51	10°27	28°12	0° 8	6°12	29°31	0°44	10°22	n.a.	S 11
M12	9 10 8	19°28'30	27°51	2° 0	4°33	12°40	22° 5	10°30	28°15	0° 9	6°10	29°24	0°41	10°28	n.a.	M12
T 13	9 14 5	20°28'10	10♎ 6	3°38	5°22	13°11	22°18	10°33	28°18	0°11	6° 9	29°19	0°38	10°35	n.a.	T 13
W14	9 18 1	21°27'48	22° 7	5°18	6°11	13°41	22°31	10°36	28°22	0°13	6° 7	29°18	0°35	10°41	n.a.	W14
T 15	9 21 58	22°27'24	4♏ 0	7° 0	6°58	14°12	22°44	10°40	28°25	0°15	6° 6	29°D18	0°32	10°48	n.a.	T 15
F 16	9 25 54	23°26'58	15°48	8°42	7°45	14°42	22°58	10°43	28°28	0°17	6° 5	29°18	0°28	10°55	n.a.	F 16
S 17	9 29 51	24°26'30	27°38	10°26	8°30	15°13	23°11	10°47	28°31	0°19	6° 3	29°R18	0°25	11° 1	n.a.	S 17
S 18	9 33 48	25°26'01	9♐34	12°11	9°15	15°44	23°25	10°51	28°35	0°21	6° 2	29°17	0°22	11° 8	n.a.	S 18
M19	9 37 44	26°25'29	21°42	13°57	9°58	16°15	23°38	10°54	28°38	0°23	6° 0	29°14	0°19	11°15	n.a.	M19
T 20	9 41 41	27°24'56	4♑ 7	15°45	10°41	16°46	23°52	10°58	28°41	0°25	5°59	29° 8	0°16	11°21	n.a.	T 20
W21	9 45 37	28°24'21	16°51	17°33	11°22	17°18	24° 5	11° 2	28°44	0°27	5°57	29° 1	0°13	11°28	n.a.	W21
T 22	9 49 34	29°23'44	29°58	19°23	12° 3	17°49	24°19	11° 6	28°47	0°29	5°56	28°51	0° 9	11°35	n.a.	T 22
F 23	9 53 30	0♓23'04	13♒27	21°15	12°42	18°21	24°33	11°11	28°50	0°31	5°55	28°41	0° 6	11°41	n.a.	F 23
S 24	9 57 27	1°22'23	27°16	23° 8	13°20	18°52	24°46	11°15	28°53	0°33	5°53	28°31	0° 3	11°48	n.a.	S 24
S 25	10 1 23	2°21'40	11♓22	25° 2	13°56	19°24	25° 0	11°19	28°56	0°35	5°52	28°23	29♈59	11°55	n.a.	S 25
M26	10 5 20	3°20'54	25°39	26°57	14°32	19°56	25°14	11°24	28°59	0°37	5°50	28°17	29°57	12° 1	n.a.	M26
T 27	10 9 16	4°20'06	10♈ 3	28°54	15° 6	20°28	25°28	11°28	29° 2	0°39	5°49	28°13	29°53	12° 8	n.a.	T 27
W28	10 13 13	5♓19'16	24♈28	0♓51	15♈38	21♉ 0	25♓42	11♉33	29♉ 5	0♈41	5♌48	28°D11	29♈50	12♏15	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s21	10n42	0s14	24s 5	1s14	0s22	1n54	15n36	1n35	5s15	1s14	13n12	1s54	21s28	0s36	1s46	1s52	31n31	13n 6	11n52	12n 3	15s26		n.a.
F 2	18 5	16 37	1n 0	24 1	1 20	0n 7	2 0	15 45	1 35	5 10	1 14	13 12	1 54	21 28	0 36	1 45	1 52	31 32	13 6	11 52	12 2	15 29		n.a.
S 3	17 49	21 40	2 11	23 55	1 26	0 35	2 7	15 55	1 35	5 5	1 14	13 13	1 54	21 27	0 36	1 45	1 52	31 32	13 6	11 51	12 1	15 32		n.a.
S 4	17 32	25 27	3 13	23 48	1 32	1 4	2 14	16 5	1 35	5 0	1 14	13 14	1 53	21 26	0 36	1 44	1 52	31 33	13 6	11 50	12 0	15 35		n.a.
M 5	17 16	27 40	4 4	23 39	1 37	1 32	2 21	16 14	1 35	4 54	1 13	13 15	1 53	21 26	0 36	1 43	1 52	31 33	13 6	11 49	11 59	15 38		n.a.
T 6	16 58	28 6	4 39	23 30	1 42	2 0	2 28	16 24	1 35	4 49	1 13	13 17	1 53	21 25	0 36	1 43	1 52	31 34	13 6	11 46	11 58	15 41		n.a.
W 7	16 41	26 46	4 58	23 18	1 46	2 28	2 35	16 33	1 35	4 44	1 13	13 18	1 53	21 24	0 36	1 42	1 52	31 34	13 7	11 42	11 57	15 44		n.a.
T 8	16 23	23 51	4 59	23 5	1 50	2 56	2 42	16 43	1 36	4 39	1 13	13 19	1 52	21 24	0 36	1 41	1 52	31 34	13 7	11 38	11 56	15 47		n.a.
F 9	16 5	19 41	4 44	22 50	1 54	3 24	2 49	16 52	1 36	4 33	1 13	13 20	1 52	21 23	0 36	1 41	1 52	31 35	13 7	11 33	11 54	15 49		n.a.
S 10	15 47	14 39	4 14	22 34	1 57	3 51	2 57	17 2	1 36	4 28	1 13	13 21	1 52	21 22	0 36	1 40	1 52	31 35	13 7	11 29	11 53	15 52		n.a.
S 11	15 28	9 5	3 31	22 16	2 0	4 18	3 4	17 11	1 36	4 23	1 13	13 22	1 51	21 22	0 36	1 39	1 52	31 36	13 7	11 26	11 52	15 55		n.a.
M12	15 9	3 17	2 39	21 57	2 3	4 45	3 11	17 21	1 36	4 17	1 13	13 23	1 51	21 21	0 36	1 38	1 52	31 36	13 6	11 24	11 51	15 58		n.a.
T 13	14 50	2s31	1 40	21 36	2 5	5 11	3 18	17 30	1 36	4 12	1 12	13 25	1 51	21 20	0 36	1 38	1 51	31 36	13 6	11 22	11 50	16 1		n.a.
W14	14 31	8 8	0 38	21 13	2 7	5 37	3 26	17 40	1 36	4 6	1 12	13 26	1 51	21 20	0 36	1 37	1 51	31 37	13 6	11 21	11 49	16 4		n.a.
T 15	14 12	13 24	0s25	20 48	2 8	6 3	3 33	17 49	1 36	4 1	1 12	13 27	1 50	21 19	0 36	1 36	1 51	31 37	13 6	11 21	11 48	16 7		n.a.
F 16	13 52	18 9	1 27	20 22	2 9	6 28	3 40	17 58	1 36	3 56	1 12	13 29	1 50	21 18	0 36	1 35	1 51	31 38	13 6	11 21	11 47	16 10		n.a.
S 17	13 32	22 13	2 25	19 54	2 9	6 53	3 48	18 8	1 36	3 50	1 12	13 30	1 50	21 18	0 36	1 34	1 51	31 38	13 6	11 22	11 45	16 13		n.a.
S 18	13 12	25 25	3 18	19 25	2 9	7 18	3 55	18 17	1 36	3 45	1 12	13 32	1 50	21 17	0 36	1 34	1 51	31 38	13 6	11 21	11 44	16 16		n.a.
M19	12 52	27 30	4 2	18 53	2 8	7 42	4 3	18 26	1 36	3 39	1 12	13 33	1 49	21 17	0 36	1 33	1 51	31 39	13 6	11 20	11 43	16 19		n.a.
T 20	12 31	28 16	4 36	18 20	2 7	8 6	4 10	18 35	1 36	3 34	1 12	13 34	1 49	21 16	0 36	1 32	1 51	31 39	13 6	11 18	11 42	16 22		n.a.
W21	12 10	27 34	4 58	17 45	2 6	8 29	4 17	18 44	1 36	3 28	1 11	13 36	1 49	21 15	0 36	1 31	1 51	31 39	13 6	11 15	11 41	16 25		n.a.
T 22	11 49	25 21	5 4	17 8	2 4	8 52	4 25	18 53	1 36	3 22	1 11	13 37	1 49	21 15	0 36	1 30	1 51	31 39	13 6	11 12	11 40	16 28		n.a.
F 23	11 28	21 41	4 55	16 30	2 1	9 14	4 32	19 2	1 36	3 17	1 11	13 39	1 48	21 14	0 36	1 29	1 51	31 40	13 6	11 8	11 39	16 30		n.a.
S 24	11 7	16 45	4 28	15 50	1 58	9 36	4 40	19 11	1 36	3 11	1 11	13 41	1 48	21 13	0 36	1 29	1 51	31 40	13 6	11 5	11 38	16 33		n.a.
S 25	10 46	10 50	3 44	15 8	1 54	9 57	4 47	19 20	1 36	3 6	1 11	13 42	1 48	21 13	0 36	1 28	1 51	31 40	13 6	11 2	11 36	16 36		n.a.
M26	10 24	4 16	2 45	14 24	1 50	10 18	4 54	19 29	1 36	3 0	1 11	13 44	1 48	21 12	0 36	1 27	1 51	31 41	13 6	10 59	11 35	16 39		n.a.
T 27	10 2	2n34	1 36	13 39	1 45	10 38	5 1	19 37	1 36	2 54	1 11	13 45	1 47	21 12	0 36	1 26	1 51	31 41	13 5	10 58	11 34	16 42		n.a.
W28	9s40	9n17	0s20	12s51	1s40	10n58	5n 9	19n46	1n36	2s49	1s11	13n47	1s47	21s11	0s36	1s25	1s51	31n41	13n 5	10n58	11n33	16s45		n.a.

Julian Day Number = 1623932.5, Delta T = 03h45m52s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'20, Lahiri = - 7°38'20 Julian Calendar 1 Feb. 267 BCE == Greg. Calendar 28 Jan. 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

MARCH 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 17 10	6♓18'23	8♉49	2♓50	16♈ 9	21♉32	25♓56	11♉37	29♋ 8	0♈43	5°R47	28♈12	29♈47	12♏21	n.a.	T 1
F 2	10 21 6	7°17'28	23° 4	4°51	16°39	22° 4	26° 9	11°42	29°11	0°45	5♌45	28°13	29°44	12°28	n.a.	F 2
S 3	10 25 3	8°16'30	7♊12	6°52	17° 7	22°36	26°23	11°47	29°14	0°47	5°44	28°R13	29°41	12°34	n.a.	S 3
S 4	10 28 59	9°15'30	21°10	8°54	17°33	23° 9	26°37	11°52	29°17	0°49	5°43	28°13	29°38	12°41	n.a.	S 4
M 5	10 32 56	10°14'28	4♋59	10°57	17°58	23°41	26°51	11°57	29°20	0°51	5°41	28°10	29°34	12°48	n.a.	M 5
T 6	10 36 52	11°13'24	18°37	13° 1	18°21	24°14	27° 5	12° 2	29°23	0°53	5°40	28° 5	29°31	12°54	n.a.	T 6
W 7	10 40 49	12°12'16	2♌ 4	15° 6	18°42	24°46	27°20	12° 7	29°25	0°56	5°39	27°59	29°28	13° 1	n.a.	W 7
T 8	10 44 45	13°11'07	15°18	17°11	19° 1	25°19	27°34	12°13	29°28	0°58	5°38	27°52	29°25	13° 8	n.a.	T 8
F 9	10 48 42	14° 9'55	28°20	19°16	19°18	25°52	27°48	12°18	29°31	1° 0	5°37	27°44	29°22	13°14	n.a.	F 9
S 10	10 52 39	15° 8'41	11♍ 8	21°21	19°33	26°25	28° 2	12°23	29°33	1° 2	5°36	27°37	29°19	13°21	n.a.	S 10
S 11	10 56 35	16° 7'25	23°41	23°26	19°46	26°58	28°16	12°29	29°36	1° 4	5°35	27°31	29°15	13°28	n.a.	S 11
M12	11 0 32	17° 6'07	6♎ 1	25°30	19°56	27°31	28°30	12°34	29°39	1° 7	5°33	27°27	29°12	13°34	n.a.	M12
T 13	11 4 28	18° 4'47	18° 9	27°33	20° 5	28° 4	28°44	12°40	29°41	1° 9	5°32	27°24	29° 9	13°41	n.a.	T 13
W14	11 8 25	19° 3'25	0♏ 7	29°35	20°11	28°37	28°59	12°46	29°44	1°11	5°31	27°D24	29° 6	13°48	n.a.	W14
T 15	11 12 21	20° 2'01	11°58	1♈35	20°16	29°10	29°13	12°51	29°46	1°13	5°30	27°25	29° 3	13°54	n.a.	T 15
F 16	11 16 18	21° 0'35	23°46	3°33	20°R17	29°43	29°27	12°57	29°49	1°15	5°29	27°26	28°59	14° 1	n.a.	F 16
S 17	11 20 14	21°59'08	5♐36	5°29	20°17	0♊17	29°41	13° 3	29°51	1°18	5°28	27°28	28°56	14° 8	n.a.	S 17
S 18	11 24 11	22°57'39	17°33	7°22	20°14	0°50	29°55	13° 9	29°54	1°20	5°27	27°R29	28°53	14°14	n.a.	S 18
M19	11 28 8	23°56'08	29°40	9°13	20° 8	1°24	0♈10	13°15	29°56	1°22	5°26	27°29	28°50	14°21	n.a.	M19
T 20	11 32 4	24°54'35	12♋ 4	11° 0	20° 0	1°57	0°24	13°21	29°58	1°24	5°26	27°28	28°47	14°28	n.a.	T 20
W21	11 36 1	25°53'01	24°49	12°43	19°50	2°31	0°38	13°27	0♒ 1	1°27	5°25	27°25	28°44	14°34	n.a.	W21
T 22	11 39 57	26°51'25	7♒57	14°23	19°37	3° 4	0°53	13°34	0° 3	1°29	5°24	27°21	28°40	14°41	n.a.	T 22
F 23	11 43 54	27°49'47	21°31	15°59	19°22	3°38	1° 7	13°40	0° 5	1°31	5°23	27°17	28°37	14°47	n.a.	F 23
S 24	11 47 50	28°48'08	5♓30	17°31	19° 4	4°12	1°21	13°46	0° 7	1°33	5°22	27°12	28°34	14°54	n.a.	S 24
S 25	11 51 47	29°46'26	19°50	18°59	18°44	4°46	1°35	13°53	0°10	1°36	5°21	27° 9	28°31	15° 1	n.a.	S 25
M26	11 55 43	0♈44'43	4♈27	20°22	18°22	5°20	1°50	13°59	0°12	1°38	5°21	27° 6	28°28	15° 7	n.a.	M26
T 27	11 59 40	1°42'58	19°14	21°41	17°57	5°54	2° 4	14° 6	0°14	1°40	5°20	27° 5	28°25	15°14	n.a.	T 27
W28	12 3 36	2°41'11	4♉ 4	22°55	17°31	6°28	2°18	14°12	0°16	1°42	5°19	27°D 5	28°21	15°21	n.a.	W28
T 29	12 7 33	3°39'22	18°49	24° 4	17° 2	7° 2	2°33	14°19	0°18	1°45	5°18	27° 6	28°18	15°27	n.a.	T 29
F 30	12 11 30	4°37'31	3♊24	25° 9	16°32	7°36	2°47	14°25	0°20	1°47	5°18	27° 7	28°15	15°34	n.a.	F 30
S 31	12 15 26	5♈35'38	17♊44	26♈ 8	16♈ 0	8♊10	3♈ 1	14♉32	0♒22	1♈49	5♌17	27♈ 8	28♈12	15♏41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	9s18	15n31	0n57	12s 3	1s34	11n16	5n16	19n54	1n36	2s43	1s11	13n49	1s47	21s10	0s36	1s24	1s51	31n41	13n 5	10n58	11n32	16s48			n.a.
F 2	8 56	20 51	2 10	11 13	1 28	11 34	5 23	20 3	1 36	2 37	1 11	13 50	1 47	21 10	0 36	1 23	1 51	31 41	13 5	10 58	11 31	16 51			n.a.
S 3	8 34	24 58	3 14	10 21	1 21	11 52	5 30	20 11	1 36	2 32	1 10	13 52	1 46	21 9	0 37	1 23	1 51	31 42	13 5	10 58	11 30	16 54			n.a.
S 4	8 12	27 32	4 6	9 28	1 13	12 8	5 37	20 20	1 36	2 26	1 10	13 54	1 46	21 9	0 37	1 22	1 51	31 42	13 5	10 58	11 28	16 57			n.a.
M 5	7 49	28 21	4 43	8 33	1 5	12 24	5 44	20 28	1 36	2 20	1 10	13 56	1 46	21 8	0 37	1 21	1 51	31 42	13 5	10 57	11 27	16 59			n.a.
T 6	7 27	27 26	5 4	7 37	0 57	12 39	5 50	20 36	1 36	2 14	1 10	13 57	1 46	21 7	0 37	1 20	1 51	31 42	13 4	10 55	11 26	17 2			n.a.
W 7	7 4	24 55	5 7	6 40	0 48	12 53	5 57	20 44	1 36	2 9	1 10	13 59	1 45	21 7	0 37	1 19	1 51	31 42	13 4	10 53	11 25	17 5			n.a.
T 8	6 41	21 7	4 54	5 43	0 38	13 7	6 3	20 52	1 36	2 3	1 10	14 1	1 45	21 6	0 37	1 18	1 51	31 43	13 4	10 50	11 24	17 8			n.a.
F 9	6 18	16 20	4 26	4 44	0 28	13 19	6 9	21 0	1 36	1 57	1 10	14 3	1 45	21 6	0 37	1 17	1 51	31 43	13 4	10 48	11 23	17 11			n.a.
S 10	5 55	10 56	3 44	3 45	0 18	13 30	6 15	21 8	1 35	1 52	1 10	14 5	1 45	21 5	0 37	1 16	1 51	31 43	13 4	10 45	11 22	17 14			n.a.
S 11	5 32	5 10	2 53	2 45	0 7	13 41	6 21	21 16	1 35	1 46	1 10	14 7	1 45	21 5	0 37	1 16	1 51	31 43	13 4	10 43	11 21	17 17			n.a.
M12	5 9	0s41	1 54	1 45	0n 4	13 50	6 26	21 23	1 35	1 40	1 10	14 9	1 44	21 4	0 37	1 15	1 51	31 43	13 3	10 41	11 19	17 19			n.a.
T 13	4 46	6 26	0 50	0 46	0 15	13 58	6 31	21 31	1 35	1 34	1 10	14 11	1 44	21 4	0 37	1 14	1 51	31 43	13 3	10 41	11 18	17 22			n.a.
W14	4 23	11 53	0s15	0n14	0 26	14 5	6 36	21 38	1 35	1 28	1 10	14 13	1 44	21 3	0 37	1 13	1 51	31 43	13 3	10 40	11 17	17 25			n.a.
T 15	4 0	16 51	1 19	1 13	0 38	14 11	6 41	21 46	1 35	1 23	1 10	14 14	1 44	21 3	0 37	1 12	1 51	31 43	13 3	10 41	11 16	17 28			n.a.
F 16	3 36	21 11	2 19	2 11	0 49	14 15	6 45	21 53	1 35	1 17	1 10	14 16	1 43	21 2	0 37	1 11	1 51	31 43	13 3	10 41	11 15	17 31			n.a.
S 17	3 13	24 40	3 13	3 8	1 1	14 19	6 49	22 0	1 35	1 11	1 9	14 18	1 43	21 2	0 37	1 10	1 51	31 43	13 2	10 42	11 14	17 34			n.a.
S 18	2 50	27 7	4 0	4 3	1 12	14 21	6 53	22 7	1 35	1 5	1 9	14 20	1 43	21 1	0 37	1 9	1 51	31 43	13 2	10 42	11 13	17 36			n.a.
M19	2 26	28 21	4 37	4 57	1 23	14 21	6 56	22 14	1 35	1 0	1 9	14 22	1 43	21 1	0 37	1 8	1 51	31 43	13 2	10 42	11 11	17 39			n.a.
T 20	2 3	28 11	5 2	5 50	1 33	14 20	6 58	22 21	1 35	0 54	1 9	14 24	1 43	21 0	0 37	1 7	1 51	31 44	13 2	10 42	11 10	17 42			n.a.
W21	1 39	26 33	5 13	6 40	1 44	14 18	7 0	22 28	1 35	0 48	1 9	14 27	1 42	21 0	0 37	1 6	1 51	31 44	13 1	10 41	11 9	17 45			n.a.
T 22	1 16	23 27	5 8	7 29	1 53	14 15	7 2	22 34	1 34	0 42	1 9	14 29	1 42	20 59	0 37	1 6	1 51	31 44	13 1	10 39	11 8	17 48			n.a.
F 23	0 52	19 0	4 46	8 15	2 3	14 10	7 2	22 41	1 34	0 36	1 9	14 31	1 42	20 59	0 37	1 5	1 51	31 44	13 1	10 38	11 7	17 50			n.a.
S 24	0 29	13 25	4 6	8 58	2 11	14 3	7 3	22 47	1 34	0 31	1 9	14 33	1 42	20 58	0 37	1 4	1 51	31 43	13 1	10 36	11 6	17 53			n.a.
S 25	0 5	6 59	3 10	9 40	2 19	13 55	7 2	22 53	1 34	0 25	1 9	14 35	1 42	20 58	0 37	1 3	1 51	31 43	13 0	10 35	11 5	17 56			n.a.
M26	0n18	0 4	2 1	10 18	2 26	13 45	7 1	22 59	1 34	0 19	1 9	14 37	1 41	20 58	0 37	1 2	1 51	31 43	13 0	10 34	11 3	17 59			n.a.
T 27	0 41	6n57	0 43	10 54	2 33	13 34	7 0	23 5	1 34	0 13	1 9	14 39	1 41	20 57	0 37	1 1	1 51	31 43	13 0	10 33	11 2	18 2			n.a.
W28	1 5	13 38	0n38	11 28	2 39	13 22	6 57	23 11	1 34	0 8	1 9	14 41	1 41	20 57	0 37	1 0	1 51	31 43	13 0	10 33	11 1	18 4			n.a.
T 29	1 28	19 30	1 57	11 58	2 43	13 8	6 54	23 17	1 34	0 2	1 9	14 43	1 41	20 56	0 37	0 59	1 51	31 43	12 59	10 34	11 0	18 7			n.a.
F 30	1 52	24 9	3 7	12 26	2 47	12 52	6 50	23 23	1 33	0n 4	1 9	14 46	1 41	20 56	0 37	0 58	1 51	31 43	12 59	10 34	10 59	18 10			n.a.
S 31	2n15	27n12	4n 4	12n51	2n50	12n35	6n46	23n28	1n33	0n10	1s 9	14n48	1s41	20s56	0s37	0s57	1s51	31n43	12n59	10n35	10n58	18s13			n.a.

Julian Day Number = 1623960.5, Delta T = 03h45m51s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'16, Lahiri = - 7°38'16 Julian Calendar 1 March 267 BCE == Greg. Calendar 25 Feb. 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

APRIL 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 19 23	6♈33'43	1♋48	27♈ 3	15°R26	8♊44	3♈15	14♉39	0♒23	1♈51	5°R17	27°R 9	28♈ 9	15♏47	n.a.	S 1
M 2	12 23 19	7°31'45	15°33	27°53	14♈51	9°19	3°30	14°46	0°25	1°54	5♌16	27♈ 9	28° 5	15°54	n.a.	M 2
T 3	12 27 16	8°29'46	29° 1	28°37	14°15	9°53	3°44	14°53	0°27	1°56	5°16	27° 8	28° 2	16° 1	n.a.	T 3
W 4	12 31 12	9°27'45	12♌12	29°17	13°38	10°28	3°58	15° 0	0°29	1°58	5°15	27° 6	27°59	16° 7	n.a.	W 4
T 5	12 35 9	10°25'41	25° 7	29°51	13° 1	11° 2	4°12	15° 7	0°31	2° 0	5°15	27° 4	27°56	16°14	n.a.	T 5
F 6	12 39 5	11°23'36	7♍48	0♉20	12°23	11°36	4°27	15°14	0°32	2° 3	5°14	27° 1	27°53	16°21	n.a.	F 6
S 7	12 43 2	12°21'29	20°16	0°44	11°45	12°11	4°41	15°21	0°34	2° 5	5°14	26°59	27°50	16°27	n.a.	S 7
S 8	12 46 59	13°19'20	2♎33	1° 2	11° 7	12°46	4°55	15°28	0°35	2° 7	5°13	26°58	27°46	16°34	n.a.	S 8
M 9	12 50 55	14°17'10	14°39	1°16	10°29	13°20	5° 9	15°35	0°37	2° 9	5°13	26°57	27°43	16°41	n.a.	M 9
T 10	12 54 52	15°14'58	26°38	1°24	9°52	13°55	5°23	15°42	0°38	2°12	5°13	26°D56	27°40	16°47	n.a.	T 10
W11	12 58 48	16°12'44	8♏31	1°R27	9°16	14°30	5°37	15°49	0°40	2°14	5°12	26°57	27°37	16°54	n.a.	W11
T 12	13 2 45	17°10'29	20°20	1°25	8°41	15° 4	5°52	15°56	0°41	2°16	5°12	26°57	27°34	17° 1	n.a.	T 12
F 13	13 6 41	18° 8'13	2♐ 8	1°19	8° 7	15°39	6° 6	16° 4	0°42	2°18	5°12	26°58	27°30	17° 7	n.a.	F 13
S 14	13 10 38	19° 5'55	13°59	1° 7	7°35	16°14	6°20	16°11	0°44	2°20	5°12	26°59	27°27	17°14	n.a.	S 14
S 15	13 14 34	20° 3'36	25°57	0°52	7° 4	16°49	6°34	16°18	0°45	2°23	5°11	27° 0	27°24	17°20	n.a.	S 15
M16	13 18 31	21° 1'16	8♑ 4	0°33	6°35	17°24	6°48	16°26	0°46	2°25	5°11	27° 0	27°21	17°27	n.a.	M16
T 17	13 22 28	21°58'55	20°27	0°10	6° 8	17°59	7° 2	16°33	0°47	2°27	5°11	27°R 0	27°18	17°34	n.a.	T 17
W18	13 26 24	22°56'33	3♒ 9	29♈43	5°43	18°34	7°16	16°41	0°48	2°29	5°11	27° 0	27°15	17°40	n.a.	W18
T 19	13 30 21	23°54'10	16°13	29°14	5°20	19° 9	7°30	16°48	0°50	2°31	5°11	27° 0	27°11	17°47	n.a.	T 19
F 20	13 34 17	24°51'45	29°43	28°43	5° 0	19°44	7°44	16°56	0°51	2°33	5°11	27° 0	27° 8	17°54	n.a.	F 20
S 21	13 38 14	25°49'19	13♓39	28°10	4°42	20°19	7°58	17° 3	0°51	2°35	5°D11	27° 0	27° 5	18° 0	n.a.	S 21
S 22	13 42 10	26°46'53	28° 1	27°37	4°26	20°55	8°12	17°11	0°52	2°38	5°11	27°D 0	27° 2	18° 7	n.a.	S 22
M23	13 46 7	27°44'25	12♈44	27° 2	4°13	21°30	8°26	17°18	0°53	2°40	5°11	27° 0	26°59	18°14	n.a.	M23
T 24	13 50 3	28°41'56	27°44	26°28	4° 2	22° 5	8°39	17°26	0°54	2°42	5°11	27°R 0	26°56	18°20	n.a.	T 24
W25	13 54 0	29°39'26	12♉50	25°54	3°53	22°40	8°53	17°34	0°55	2°44	5°11	27° 0	26°52	18°27	n.a.	W25
T 26	13 57 57	0♉36'55	27°56	25°22	3°47	23°16	9° 7	17°41	0°56	2°46	5°11	26°59	26°49	18°34	n.a.	T 26
F 27	14 1 53	1°34'22	12♊51	24°52	3°43	23°51	9°21	17°49	0°56	2°48	5°11	26°59	26°46	18°40	n.a.	F 27
S 28	14 5 50	2°31'48	27°28	24°24	3°D42	24°27	9°34	17°57	0°57	2°50	5°12	26°58	26°43	18°47	n.a.	S 28
S 29	14 9 46	3°29'13	11♋44	23°58	3°43	25° 2	9°48	18° 4	0°57	2°52	5°12	26°58	26°40	18°54	n.a.	S 29
M30	14 13 43	4♉26'37	25♋36	23♈36	3♈46	25♊38	10♈ 2	18♉12	0♒58	2♈54	5♌12	26♈57	26♈36	19♏ 0	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n38	28n28	4n45	13n13	2n53	12n17	6n40	23n34	1n33	0n15	1s 9	14n50	1s40	20s55	0s37	0s57	1s51	31n43	12n59	10n35	10n57	18s16		n.a.
M 2	3 1	27 56	5 9	13 32	2 54	11 57	6 34	23 39	1 33	0 21	1 9	14 52	1 40	20 55	0 37	0 56	1 51	31 43	12 58	10 35	10 55	18 18		n.a.
T 3	3 25	25 44	5 15	13 49	2 54	11 37	6 27	23 44	1 33	0 27	1 9	14 54	1 40	20 54	0 37	0 55	1 51	31 43	12 58	10 34	10 54	18 21		n.a.
W 4	3 48	22 13	5 5	14 2	2 53	11 15	6 19	23 49	1 33	0 33	1 9	14 56	1 40	20 54	0 37	0 54	1 51	31 43	12 58	10 34	10 53	18 24		n.a.
T 5	4 11	17 40	4 39	14 12	2 50	10 52	6 11	23 54	1 33	0 38	1 9	14 59	1 40	20 54	0 37	0 53	1 51	31 42	12 57	10 33	10 52	18 27		n.a.
F 6	4 34	12 26	3 59	14 20	2 47	10 29	6 1	23 58	1 32	0 44	1 9	15 1	1 40	20 53	0 38	0 52	1 51	31 42	12 57	10 32	10 51	18 29		n.a.
S 7	4 56	6 48	3 9	14 24	2 43	10 5	5 51	24 3	1 32	0 50	1 9	15 3	1 39	20 53	0 38	0 51	1 51	31 42	12 57	10 31	10 50	18 32		n.a.
S 8	5 19	0 59	2 11	14 25	2 37	9 40	5 41	24 8	1 32	0 56	1 9	15 5	1 39	20 53	0 38	0 50	1 51	31 42	12 57	10 31	10 48	18 35		n.a.
M 9	5 42	4s49	1 8	14 24	2 30	9 14	5 30	24 12	1 32	1 1	1 9	15 8	1 39	20 53	0 38	0 49	1 51	31 42	12 56	10 30	10 47	18 38		n.a.
T 10	6 5	10 22	0 2	14 19	2 22	8 49	5 18	24 16	1 32	1 7	1 9	15 10	1 39	20 52	0 38	0 49	1 51	31 41	12 56	10 30	10 46	18 40		n.a.
W11	6 27	15 31	1s 4	14 12	2 13	8 23	5 6	24 20	1 32	1 13	1 9	15 12	1 39	20 52	0 38	0 48	1 51	31 41	12 56	10 30	10 45	18 43		n.a.
T 12	6 49	20 4	2 6	14 2	2 3	7 58	4 53	24 24	1 31	1 18	1 9	15 14	1 39	20 52	0 38	0 47	1 51	31 41	12 55	10 31	10 44	18 46		n.a.
F 13	7 12	23 50	3 3	13 49	1 52	7 32	4 40	24 28	1 31	1 24	1 9	15 17	1 38	20 51	0 38	0 46	1 51	31 41	12 55	10 31	10 43	18 49		n.a.
S 14	7 34	26 36	3 52	13 34	1 40	7 7	4 27	24 31	1 31	1 30	1 9	15 19	1 38	20 51	0 38	0 45	1 51	31 41	12 55	10 31	10 42	18 51		n.a.
S 15	7 56	28 12	4 32	13 16	1 26	6 42	4 13	24 35	1 31	1 35	1 9	15 21	1 38	20 51	0 38	0 44	1 51	31 40	12 54	10 32	10 40	18 54		n.a.
M16	8 18	28 29	5 0	12 55	1 12	6 18	3 59	24 38	1 31	1 41	1 9	15 23	1 38	20 51	0 38	0 43	1 51	31 40	12 54	10 32	10 39	18 57		n.a.
T 17	8 40	27 21	5 15	12 33	0 57	5 54	3 45	24 41	1 31	1 46	1 9	15 26	1 38	20 50	0 38	0 42	1 51	31 40	12 54	10 32	10 38	18 59		n.a.
W18	9 1	24 48	5 16	12 9	0 41	5 31	3 31	24 44	1 30	1 52	1 9	15 28	1 38	20 50	0 38	0 42	1 51	31 40	12 53	10 32	10 37	19 2		n.a.
T 19	9 23	20 56	5 0	11 44	0 25	5 9	3 17	24 47	1 30	1 57	1 9	15 30	1 38	20 50	0 38	0 41	1 51	31 39	12 53	10 32	10 36	19 5		n.a.
F 20	9 44	15 52	4 27	11 17	0 8	4 48	3 3	24 49	1 30	2 3	1 9	15 32	1 37	20 50	0 38	0 40	1 51	31 39	12 53	10 32	10 35	19 7		n.a.
S 21	10 6	9 51	3 38	10 49	0s 9	4 28	2 49	24 52	1 30	2 9	1 9	15 35	1 37	20 50	0 38	0 39	1 51	31 39	12 53	10 31	10 33	19 10		n.a.
S 22	10 27	3 9	2 34	10 21	0 26	4 9	2 35	24 54	1 30	2 14	1 9	15 37	1 37	20 50	0 38	0 38	1 51	31 38	12 52	10 31	10 32	19 13		n.a.
M23	10 48	3n53	1 18	9 52	0 43	3 51	2 21	24 56	1 29	2 20	1 9	15 39	1 37	20 49	0 38	0 38	1 51	31 38	12 52	10 31	10 31	19 16		n.a.
T 24	11 9	10 51	0n 4	9 24	1 0	3 34	2 8	24 58	1 29	2 25	1 9	15 41	1 37	20 49	0 38	0 37	1 51	31 38	12 52	10 31	10 30	19 18		n.a.
W25	11 29	17 16	1 27	8 56	1 17	3 18	1 54	25 0	1 29	2 31	1 9	15 44	1 37	20 49	0 38	0 36	1 51	31 37	12 51	10 31	10 29	19 21		n.a.
T 26	11 50	22 35	2 44	8 29	1 33	3 4	1 41	25 2	1 29	2 36	1 9	15 46	1 37	20 49	0 38	0 35	1 51	31 37	12 51	10 31	10 28	19 24		n.a.
F 27	12 10	26 23	3 48	8 3	1 49	2 51	1 28	25 4	1 29	2 41	1 9	15 48	1 37	20 49	0 38	0 34	1 51	31 37	12 51	10 31	10 27	19 26		n.a.
S 28	12 30	28 19	4 36	7 39	2 4	2 38	1 16	25 5	1 28	2 47	1 9	15 51	1 37	20 49	0 38	0 34	1 51	31 36	12 50	10 31	10 25	19 29		n.a.
S 29	12 50	28 17	5 6	7 17	2 18	2 27	1 3	25 6	1 28	2 52	1 9	15 53	1 36	20 49	0 38	0 33	1 51	31 36	12 50	10 31	10 24	19 32		n.a.
M30	13n 9	26n28	5n17	6n56	2s31	2n18	0n51	25n 7	1n28	2n58	1s 9	15n55	1s36	20s49	0s38	0s32	1s51	31n36	12n50	10n31	10n23	19s34		n.a.

Julian Day Number = 1623991.5, Delta T = 03h45m50s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'12, Lahiri = - 7°38'12 Julian Calendar 1 Apr. 267 BCE == Greg. Calendar 28 March 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

MAY 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 17 39	5♉23'59	9♌ 3	23°R17	3♈51	26♊13	10♈15	18♉20	0♒58	2♈56	5♌12	26°D57	26♈33	19♏ 7	n.a.	T 1
W 2	14 21 36	6°21'20	22° 7	23♈ 2	3°59	26°49	10°29	18°28	0°59	2°58	5°13	26♈58	26°30	19°14	n.a.	W 2
T 3	14 25 32	7°18'39	4♍52	22°51	4° 9	27°25	10°42	18°36	0°59	3° 0	5°13	26°58	26°27	19°20	n.a.	T 3
F 4	14 29 29	8°15'58	17°20	22°45	4°21	28° 0	10°55	18°43	1° 0	3° 2	5°13	26°59	26°24	19°27	n.a.	F 4
S 5	14 33 26	9°13'15	29°34	22°D42	4°34	28°36	11° 9	18°51	1° 0	3° 4	5°14	27° 0	26°21	19°34	n.a.	S 5
S 6	14 37 22	10°10'31	11♎38	22°44	4°50	29°12	11°22	18°59	1° 0	3° 6	5°14	27° 1	26°17	19°40	n.a.	S 6
M 7	14 41 19	11° 7'46	23°34	22°51	5° 8	29°47	11°35	19° 7	1° 0	3° 7	5°15	27°R 2	26°14	19°47	n.a.	M 7
T 8	14 45 15	12° 5'01	5♏26	23° 2	5°28	0♋23	11°49	19°15	1° 0	3° 9	5°15	27° 2	26°11	19°54	n.a.	T 8
W 9	14 49 12	13° 2'14	17°15	23°18	5°49	0°59	12° 2	19°23	1° 1	3°11	5°16	27° 1	26° 8	20° 0	n.a.	W 9
T 10	14 53 8	13°59'27	29° 4	23°38	6°12	1°35	12°15	19°30	1°R 1	3°13	5°16	26°59	26° 5	20° 7	n.a.	T 10
F 11	14 57 5	14°56'40	10♐54	24° 2	6°37	2°11	12°28	19°38	1° 1	3°15	5°17	26°57	26° 2	20°14	n.a.	F 11
S 12	15 1 1	15°53'52	22°49	24°31	7° 4	2°47	12°41	19°46	1° 1	3°17	5°18	26°54	25°58	20°20	n.a.	S 12
S 13	15 4 58	16°51'03	4♑51	25° 4	7°32	3°23	12°54	19°54	1° 0	3°18	5°18	26°51	25°55	20°27	n.a.	S 13
M14	15 8 55	17°48'14	17° 2	25°42	8° 1	3°59	13° 7	20° 2	1° 0	3°20	5°19	26°48	25°52	20°34	n.a.	M14
T 15	15 12 51	18°45'24	29°26	26°24	8°32	4°35	13°20	20°10	1° 0	3°22	5°20	26°46	25°49	20°40	n.a.	T 15
W16	15 16 48	19°42'35	12♒ 6	27° 9	9° 4	5°11	13°33	20°18	1° 0	3°23	5°20	26°45	25°46	20°47	n.a.	W16
T 17	15 20 44	20°39'45	25° 6	27°59	9°38	5°47	13°45	20°26	1° 0	3°25	5°21	26°D45	25°42	20°53	n.a.	T 17
F 18	15 24 41	21°36'54	8♓29	28°52	10°13	6°23	13°58	20°34	0°59	3°27	5°22	26°45	25°39	21° 0	n.a.	F 18
S 19	15 28 37	22°34'04	22°17	29°50	10°49	6°59	14°11	20°42	0°59	3°28	5°23	26°47	25°36	21° 7	n.a.	S 19
S 20	15 32 34	23°31'13	6♈30	0♉51	11°27	7°36	14°23	20°49	0°58	3°30	5°24	26°48	25°33	21°13	n.a.	S 20
M21	15 36 30	24°28'23	21° 7	1°56	12° 5	8°12	14°36	20°57	0°58	3°32	5°24	26°R49	25°30	21°20	n.a.	M21
T 22	15 40 27	25°25'32	6♉ 3	3° 5	12°45	8°48	14°48	21° 5	0°57	3°33	5°25	26°49	25°27	21°27	n.a.	T 22
W23	15 44 24	26°22'41	21°13	4°17	13°25	9°25	15° 1	21°13	0°57	3°35	5°26	26°47	25°23	21°33	n.a.	W23
T 24	15 48 20	27°19'50	6♊26	5°33	14° 7	10° 1	15°13	21°21	0°56	3°36	5°27	26°44	25°20	21°40	n.a.	T 24
F 25	15 52 17	28°16'58	21°32	6°52	14°50	10°37	15°25	21°29	0°56	3°38	5°28	26°40	25°17	21°47	n.a.	F 25
S 26	15 56 13	29°14'06	6♋23	8°15	15°33	11°14	15°37	21°37	0°55	3°39	5°29	26°36	25°14	21°53	n.a.	S 26
S 27	16 0 10	0♊11'14	20°50	9°41	16°18	11°50	15°49	21°45	0°54	3°41	5°30	26°32	25°11	22° 0	n.a.	S 27
M28	16 4 6	1° 8'22	4♌51	11°10	17° 3	12°27	16° 1	21°52	0°53	3°42	5°31	26°28	25° 8	22° 7	n.a.	M28
T 29	16 8 3	2° 5'29	18°24	12°43	17°49	13° 3	16°13	22° 0	0°52	3°43	5°32	26°26	25° 4	22°13	n.a.	T 29
W30	16 12 0	3° 2'35	1♍29	14°19	18°36	13°40	16°25	22° 8	0°51	3°45	5°34	26°D25	25° 1	22°20	n.a.	W30
T 31	16 15 56	3♊59'42	14♍11	15♉59	19♈24	14♋17	16♈37	22♉16	0♒51	3♈46	5♌35	26♈25	24♈58	22♏27	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	13n29	23n11	5n10	6n38	2s43	2n 9	0n39	25n 8	1n28	3n 3	1s 9	15n57	1s36	20s49	0s38	0s31	1s51	31n35	12n49	10n31	10n22	19s37			n.a.
W 2	13 48	18 49	4 47	6 22	2 54	2 2	0 28	25 9	1 28	3 8	1 9	16 0	1 36	20 48	0 38	0 30	1 51	31 35	12 49	10 31	10 21	19 39			n.a.
T 3	14 7	13 43	4 11	6 9	3 4	1 56	0 17	25 10	1 27	3 13	1 9	16 2	1 36	20 48	0 38	0 30	1 51	31 34	12 49	10 31	10 20	19 42			n.a.
F 4	14 26	8 10	3 23	5 58	3 13	1 50	0 6	25 10	1 27	3 19	1 9	16 4	1 36	20 48	0 39	0 29	1 51	31 34	12 48	10 31	10 18	19 45			n.a.
S 5	14 44	2 24	2 26	5 50	3 21	1 46	0s 4	25 10	1 27	3 24	1 9	16 6	1 36	20 48	0 39	0 28	1 52	31 34	12 48	10 32	10 17	19 47			n.a.
S 6	15 3	3s22	1 24	5 45	3 27	1 44	0 14	25 10	1 27	3 29	1 9	16 9	1 36	20 48	0 39	0 28	1 52	31 33	12 48	10 32	10 16	19 50			n.a.
M 7	15 21	8 58	0 19	5 42	3 33	1 42	0 24	25 10	1 27	3 34	1 9	16 11	1 36	20 48	0 39	0 27	1 52	31 33	12 47	10 32	10 15	19 53			n.a.
T 8	15 39	14 13	0s46	5 42	3 37	1 41	0 34	25 10	1 26	3 40	1 10	16 13	1 36	20 48	0 39	0 26	1 52	31 32	12 47	10 32	10 14	19 55			n.a.
W 9	15 56	18 56	1 50	5 45	3 40	1 41	0 43	25 10	1 26	3 45	1 10	16 15	1 35	20 48	0 39	0 25	1 52	31 32	12 47	10 32	10 13	19 58			n.a.
T 10	16 14	22 55	2 48	5 51	3 42	1 42	0 51	25 9	1 26	3 50	1 10	16 18	1 35	20 48	0 39	0 25	1 52	31 31	12 46	10 31	10 11	20 0			n.a.
F 11	16 31	25 58	3 39	5 58	3 44	1 45	1 0	25 8	1 26	3 55	1 10	16 20	1 35	20 48	0 39	0 24	1 52	31 31	12 46	10 30	10 10	20 3			n.a.
S 12	16 48	27 53	4 21	6 9	3 44	1 48	1 8	25 7	1 25	4 0	1 10	16 22	1 35	20 48	0 39	0 23	1 52	31 30	12 46	10 29	10 9	20 6			n.a.
S 13	17 4	28 30	4 52	6 22	3 43	1 52	1 16	25 6	1 25	4 5	1 10	16 24	1 35	20 49	0 39	0 23	1 52	31 30	12 46	10 28	10 8	20 8			n.a.
M14	17 21	27 45	5 10	6 37	3 41	1 57	1 23	25 5	1 25	4 10	1 10	16 26	1 35	20 49	0 39	0 22	1 52	31 29	12 45	10 27	10 7	20 11			n.a.
T 15	17 37	25 38	5 15	6 54	3 39	2 2	1 31	25 4	1 25	4 15	1 10	16 29	1 35	20 49	0 39	0 21	1 52	31 29	12 45	10 27	10 6	20 13			n.a.
W16	17 53	22 13	5 4	7 14	3 35	2 9	1 37	25 2	1 24	4 20	1 10	16 31	1 35	20 49	0 39	0 21	1 52	31 28	12 45	10 26	10 4	20 16			n.a.
T 17	18 8	17 39	4 37	7 36	3 31	2 16	1 44	25 0	1 24	4 25	1 10	16 33	1 35	20 49	0 39	0 20	1 52	31 28	12 44	10 26	10 3	20 19			n.a.
F 18	18 23	12 7	3 55	8 0	3 26	2 24	1 50	24 58	1 24	4 30	1 10	16 35	1 35	20 49	0 39	0 19	1 52	31 28	12 44	10 26	10 2	20 21			n.a.
S 19	18 38	5 50	2 59	8 25	3 21	2 33	1 56	24 56	1 24	4 35	1 10	16 37	1 35	20 49	0 39	0 19	1 52	31 27	12 44	10 27	10 1	20 24			n.a.
S 20	18 53	0n56	1 49	8 53	3 14	2 43	2 2	24 54	1 23	4 40	1 10	16 39	1 35	20 49	0 39	0 18	1 52	31 26	12 43	10 27	10 0	20 26			n.a.
M21	19 7	7 51	0 31	9 22	3 7	2 53	2 7	24 51	1 23	4 44	1 10	16 42	1 35	20 49	0 39	0 18	1 52	31 26	12 43	10 28	9 59	20 29			n.a.
T 22	19 21	14 30	0n51	9 53	3 0	3 4	2 13	24 49	1 23	4 49	1 11	16 44	1 35	20 50	0 39	0 17	1 52	31 25	12 43	10 28	9 57	20 31			n.a.
W23	19 35	20 22	2 10	10 25	2 51	3 15	2 18	24 46	1 23	4 54	1 11	16 46	1 34	20 50	0 39	0 17	1 52	31 25	12 43	10 27	9 56	20 34			n.a.
T 24	19 48	24 56	3 20	10 58	2 43	3 27	2 22	24 43	1 22	4 59	1 11	16 48	1 34	20 50	0 39	0 16	1 52	31 24	12 42	10 26	9 55	20 36			n.a.
F 25	20 1	27 43	4 16	11 33	2 33	3 40	2 27	24 40	1 22	5 3	1 11	16 50	1 34	20 50	0 39	0 15	1 52	31 24	12 42	10 24	9 54	20 39			n.a.
S 26	20 14	28 27	4 53	12 10	2 24	3 53	2 31	24 36	1 22	5 8	1 11	16 52	1 34	20 50	0 39	0 15	1 52	31 23	12 42	10 23	9 53	20 42			n.a.
S 27	20 26	27 12	5 11	12 47	2 14	4 6	2 35	24 33	1 22	5 13	1 11	16 54	1 34	20 50	0 39	0 14	1 53	31 23	12 41	10 21	9 51	20 44			n.a.
M28	20 38	24 16	5 9	13 25	2 3	4 20	2 39	24 29	1 21	5 17	1 11	16 56	1 34	20 51	0 39	0 14	1 53	31 22	12 41	10 20	9 50	20 47			n.a.
T 29	20 50	20 5	4 50	14 4	1 52	4 35	2 42	24 26	1 21	5 22	1 11	16 58	1 34	20 51	0 39	0 13	1 53	31 22	12 41	10 19	9 49	20 49			n.a.
W30	21 1	15 3	4 16	14 43	1 41	4 50	2 45	24 22	1 21	5 26	1 11	17 0	1 34	20 51	0 39	0 13	1 53	31 21	12 41	10 19	9 48	20 52			n.a.
T 31	21n12	9n31	3n30	15n24	1s29	5n 5	2s48	24n17	1n21	5n31	1s11	17n 3	1s34	20s51	0s40	0s12	1s53	31n21	12n40	10n19	9n47	20s54			n.a.

Julian Day Number = 1624021.5, Delta T = 03h45m49s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'08, Lahiri = - 7°38'08 Julian Calendar 1 May 267 BCE == Greg. Calendar 27 Apr. 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

JUNE 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 19 53	4♊56'47	26♍34	17♉41	20♈12	14♋53	16♈48	22♉24	0°R50	3♈47	5♎36	26♈27	24♈55	22♏33	n.a.	F 1
S 2	16 23 49	5°53'53	8♎41	19°27	21° 2	15°30	17° 0	22°31	0♒49	3°49	5°37	26°28	24°52	22°40	n.a.	S 2
S 3	16 27 46	6°50'59	20°38	21°16	21°51	16° 7	17°11	22°39	0°47	3°50	5°38	26°R29	24°48	22°47	n.a.	S 3
M 4	16 31 42	7°48'04	2♏29	23° 7	22°42	16°43	17°23	22°47	0°46	3°51	5°39	26°29	24°45	22°53	n.a.	M 4
T 5	16 35 39	8°45'09	14°17	25° 2	23°33	17°20	17°34	22°55	0°45	3°52	5°41	26°28	24°42	23° 0	n.a.	T 5
W 6	16 39 35	9°42'15	26° 5	26°59	24°25	17°57	17°45	23° 2	0°44	3°54	5°42	26°24	24°39	23° 7	n.a.	W 6
T 7	16 43 32	10°39'21	7♐57	28°58	25°17	18°34	17°57	23°10	0°43	3°55	5°43	26°18	24°36	23°13	n.a.	T 7
F 8	16 47 29	11°36'27	19°53	0♊59	26°10	19°11	18° 8	23°18	0°41	3°56	5°45	26°11	24°33	23°20	n.a.	F 8
S 9	16 51 25	12°33'33	1♑55	3° 3	27° 4	19°48	18°19	23°25	0°40	3°57	5°46	26° 3	24°29	23°27	n.a.	S 9
S 10	16 55 22	13°30'40	14° 6	5° 8	27°58	20°25	18°30	23°33	0°39	3°58	5°47	25°54	24°26	23°33	n.a.	S 10
M11	16 59 18	14°27'47	26°27	7°14	28°53	21° 2	18°40	23°40	0°37	3°59	5°49	25°46	24°23	23°40	n.a.	M11
T 12	17 3 15	15°24'54	8♒58	9°21	29°48	21°39	18°51	23°48	0°36	4° 0	5°50	25°40	24°20	23°47	n.a.	T 12
W13	17 7 11	16°22'03	21°43	11°29	0♉44	22°16	19° 2	23°56	0°34	4° 1	5°52	25°35	24°17	23°53	n.a.	W13
T 14	17 11 8	17°19'12	4♓44	13°38	1°40	22°53	19°12	24° 3	0°33	4° 2	5°53	25°32	24°14	24° 0	n.a.	T 14
F 15	17 15 5	18°16'21	18° 3	15°47	2°36	23°30	19°22	24°10	0°31	4° 3	5°55	25°D31	24°10	24° 7	n.a.	F 15
S 16	17 19 1	19°13'31	1♈43	17°55	3°33	24° 7	19°33	24°18	0°30	4° 4	5°56	25°32	24° 7	24°13	n.a.	S 16
S 17	17 22 58	20°10'43	15°44	20° 4	4°31	24°44	19°43	24°25	0°28	4° 4	5°58	25°33	24° 4	24°20	n.a.	S 17
M18	17 26 54	21° 7'55	0♉ 7	22°11	5°29	25°21	19°53	24°33	0°27	4° 5	5°59	25°R33	24° 1	24°27	n.a.	M18
T 19	17 30 51	22° 5'07	14°49	24°18	6°27	25°59	20° 3	24°40	0°25	4° 6	6° 1	25°32	23°58	24°33	n.a.	T 19
W20	17 34 47	23° 2'21	29°47	26°24	7°26	26°36	20°13	24°47	0°23	4° 7	6° 2	25°28	23°54	24°40	n.a.	W20
T 21	17 38 44	23°59'36	14♊52	28°29	8°25	27°13	20°22	24°55	0°21	4° 8	6° 4	25°22	23°51	24°47	n.a.	T 21
F 22	17 42 40	24°56'52	29°55	0♋32	9°24	27°51	20°32	25° 2	0°20	4° 8	6° 6	25°14	23°48	24°53	n.a.	F 22
S 23	17 46 37	25°54'08	14♋47	2°34	10°24	28°28	20°42	25° 9	0°18	4° 9	6° 7	25° 5	23°45	25° 0	n.a.	S 23
S 24	17 50 34	26°51'24	29°18	4°35	11°24	29° 6	20°51	25°16	0°16	4°10	6° 9	24°56	23°42	25° 7	n.a.	S 24
M25	17 54 30	27°48'42	13♌24	6°34	12°24	29°43	21° 0	25°23	0°14	4°10	6°11	24°48	23°39	25°13	n.a.	M25
T 26	17 58 27	28°46'00	27° 2	8°32	13°25	0♌21	21° 9	25°30	0°12	4°11	6°12	24°42	23°35	25°20	n.a.	T 26
W27	18 2 23	29°43'18	10♍11	10°28	14°26	0°58	21°18	25°37	0°10	4°11	6°14	24°38	23°32	25°27	n.a.	W27
T 28	18 6 20	0♋40'37	22°54	12°22	15°28	1°36	21°27	25°44	0° 8	4°12	6°16	24°36	23°29	25°33	n.a.	T 28
F 29	18 10 16	1°37'57	5♎17	14°15	16°29	2°13	21°36	25°51	0° 6	4°12	6°18	24°D36	23°26	25°40	n.a.	F 29
S 30	18 14 13	2♋35'17	17♎23	16♋ 6	17♉31	2♌51	21♈45	25♉58	0♒ 4	4♈13	6♌19	24♈36	23♈23	25♏47	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n23	3n46	2n36	16n 4	1s18	5n21	2s51	24n13	1n20	5n35	1s11	17n 5	1s34	20s52	0s40	0s12	1s53	31n20	12n40	10n19	9n46	20s57		n.a.
S 2	21 33	2s 2	1 35	16 45	1 6	5 37	2 54	24 8	1 20	5 39	1 12	17 7	1 34	20 52	0 40	0 11	1 53	31 19	12 40	10 20	9 44	20 59		n.a.
S 3	21 43	7 40	0 32	17 25	0 54	5 54	2 56	24 4	1 20	5 44	1 12	17 9	1 34	20 52	0 40	0 11	1 53	31 19	12 40	10 20	9 43	21 2		n.a.
M 4	21 53	12 59	0s33	18 6	0 42	6 11	2 58	23 59	1 19	5 48	1 12	17 11	1 34	20 52	0 40	0 11	1 53	31 18	12 39	10 20	9 42	21 4		n.a.
T 5	22 2	17 50	1 35	18 46	0 30	6 28	3 0	23 54	1 19	5 52	1 12	17 13	1 34	20 53	0 40	0 10	1 53	31 18	12 39	10 20	9 41	21 7		n.a.
W 6	22 10	22 0	2 33	19 25	0 19	6 45	3 2	23 49	1 19	5 57	1 12	17 15	1 34	20 53	0 40	0 10	1 53	31 17	12 39	10 18	9 40	21 9		n.a.
T 7	22 19	25 16	3 25	20 3	0 7	7 3	3 4	23 43	1 19	6 1	1 12	17 17	1 34	20 53	0 40	0 9	1 53	31 16	12 39	10 16	9 39	21 11		n.a.
F 8	22 27	27 28	4 8	20 40	0n 4	7 21	3 5	23 38	1 18	6 5	1 12	17 18	1 34	20 54	0 40	0 9	1 53	31 16	12 38	10 14	9 37	21 14		n.a.
S 9	22 35	28 24	4 41	21 16	0 15	7 39	3 7	23 32	1 18	6 9	1 12	17 20	1 34	20 54	0 40	0 9	1 53	31 15	12 38	10 11	9 36	21 16		n.a.
S 10	22 42	27 57	5 1	21 50	0 26	7 57	3 8	23 26	1 18	6 13	1 12	17 22	1 34	20 54	0 40	0 8	1 53	31 15	12 38	10 8	9 35	21 19		n.a.
M11	22 49	26 8	5 7	22 22	0 36	8 16	3 9	23 20	1 17	6 17	1 13	17 24	1 34	20 55	0 40	0 8	1 53	31 14	12 38	10 5	9 34	21 21		n.a.
T 12	22 55	23 2	4 59	22 52	0 46	8 35	3 10	23 14	1 17	6 21	1 13	17 26	1 34	20 55	0 40	0 7	1 54	31 14	12 37	10 2	9 33	21 24		n.a.
W13	23 1	18 47	4 36	23 20	0 55	8 54	3 10	23 8	1 17	6 25	1 13	17 28	1 34	20 55	0 40	0 7	1 54	31 13	12 37	10 0	9 31	21 26		n.a.
T 14	23 7	13 35	3 59	23 45	1 3	9 13	3 11	23 1	1 17	6 29	1 13	17 30	1 34	20 56	0 40	0 7	1 54	31 12	12 37	9 59	9 30	21 29		n.a.
F 15	23 12	7 39	3 7	24 8	1 11	9 32	3 11	22 55	1 16	6 33	1 13	17 32	1 34	20 56	0 40	0 7	1 54	31 12	12 37	9 59	9 29	21 31		n.a.
S 16	23 17	1 13	2 4	24 28	1 18	9 52	3 11	22 48	1 16	6 37	1 13	17 34	1 34	20 56	0 40	0 6	1 54	31 11	12 37	9 59	9 28	21 34		n.a.
S 17	23 22	5n27	0 53	24 46	1 25	10 11	3 11	22 41	1 16	6 40	1 13	17 35	1 34	20 57	0 40	0 6	1 54	31 11	12 36	10 0	9 27	21 36		n.a.
M18	23 26	12 2	0n24	25 0	1 30	10 30	3 11	22 34	1 15	6 44	1 13	17 37	1 34	20 57	0 40	0 6	1 54	31 10	12 36	10 0	9 26	21 38		n.a.
T 19	23 29	18 6	1 41	25 12	1 35	10 50	3 11	22 26	1 15	6 48	1 14	17 39	1 34	20 58	0 40	0 5	1 54	31 9	12 36	9 59	9 24	21 41		n.a.
W20	23 33	23 9	2 53	25 20	1 40	11 10	3 10	22 19	1 15	6 51	1 14	17 41	1 34	20 58	0 40	0 5	1 54	31 9	12 36	9 58	9 23	21 43		n.a.
T 21	23 35	26 42	3 52	25 26	1 43	11 29	3 10	22 11	1 14	6 55	1 14	17 43	1 34	20 58	0 40	0 5	1 54	31 8	12 36	9 56	9 22	21 46		n.a.
F 22	23 38	28 19	4 35	25 30	1 46	11 49	3 9	22 3	1 14	6 58	1 14	17 44	1 34	20 59	0 40	0 5	1 54	31 7	12 35	9 53	9 21	21 48		n.a.
S 23	23 40	27 51	4 59	25 30	1 48	12 8	3 8	21 55	1 14	7 2	1 14	17 46	1 34	20 59	0 40	0 5	1 54	31 7	12 35	9 49	9 20	21 50		n.a.
S 24	23 42	25 29	5 3	25 29	1 50	12 28	3 7	21 47	1 13	7 5	1 14	17 48	1 34	21 0	0 40	0 4	1 54	31 6	12 35	9 46	9 18	21 53		n.a.
M25	23 43	21 36	4 49	25 24	1 50	12 47	3 6	21 39	1 13	7 9	1 14	17 49	1 34	21 0	0 40	0 4	1 54	31 6	12 35	9 43	9 17	21 55		n.a.
T 26	23 43	16 41	4 18	25 18	1 51	13 7	3 5	21 30	1 13	7 12	1 15	17 51	1 34	21 0	0 40	0 4	1 54	31 5	12 35	9 41	9 16	21 58		n.a.
W27	23 44	11 8	3 34	25 9	1 50	13 26	3 4	21 22	1 13	7 15	1 15	17 53	1 34	21 1	0 40	0 4	1 54	31 4	12 35	9 39	9 15	22 0		n.a.
T 28	23 44	5 18	2 41	24 57	1 49	13 46	3 3	21 13	1 12	7 18	1 15	17 54	1 34	21 1	0 40	0 4	1 55	31 4	12 34	9 39	9 14	22 2		n.a.
F 29	23 43	0s35	1 41	24 44	1 47	14 5	3 1	21 4	1 12	7 22	1 15	17 56	1 34	21 2	0 40	0 4	1 55	31 3	12 34	9 39	9 12	22 5		n.a.
S 30	23n42	6s19	0n38	24n29	1n45	14n24	2s59	20n55	1n12	7n25	1s15	17n58	1s34	21s 2	0s40	0s 3	1s55	31n 3	12n34	9n39	9n11	22s 7		n.a.

Julian Day Number = 1624052.5, Delta T = 03h45m48s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'04, Lahiri = - 7°38'03 Julian Calendar 1 June 267 BCE == Greg. Calendar 28 May 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

JULY 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 18 9	3♋32'38	29♎18	17♋55	18♉33	3♌29	21♈53	26♉ 5	0°R 2	4♈13	6♌21	24°R36	23♈19	25♏53	n.a.	S 1
M 2	18 22 6	4°30'00	11♏ 7	19°43	19°36	4° 7	22° 2	26°12	0♒ 0	4°13	6°23	24♈35	23°16	26° 0	n.a.	M 2
T 3	18 26 3	5°27'22	22°55	21°29	20°39	4°44	22°10	26°19	29♑58	4°14	6°25	24°32	23°13	26° 7	n.a.	T 3
W 4	18 29 59	6°24'46	4♐46	23°14	21°42	5°22	22°18	26°25	29°56	4°14	6°27	24°26	23°10	26°13	n.a.	W 4
T 5	18 33 56	7°22'11	16°42	24°57	22°45	6° 0	22°26	26°32	29°54	4°14	6°28	24°17	23° 7	26°20	n.a.	T 5
F 6	18 37 52	8°19'36	28°46	26°38	23°49	6°38	22°34	26°39	29°52	4°14	6°30	24° 6	23° 4	26°27	n.a.	F 6
S 7	18 41 49	9°17'03	11♑ 0	28°17	24°52	7°16	22°41	26°45	29°49	4°15	6°32	23°54	23° 0	26°33	n.a.	S 7
S 8	18 45 45	10°14'31	23°25	29°56	25°56	7°54	22°49	26°52	29°47	4°15	6°34	23°41	22°57	26°40	n.a.	S 8
M 9	18 49 42	11°12'00	6♒ 0	1♌32	27° 1	8°32	22°56	26°58	29°45	4°15	6°36	23°29	22°54	26°47	n.a.	M 9
T 10	18 53 39	12° 9'31	18°47	3° 7	28° 5	9°10	23° 4	27° 5	29°43	4°15	6°38	23°19	22°51	26°53	n.a.	T 10
W11	18 57 35	13° 7'03	1♓45	4°40	29°10	9°48	23°11	27°11	29°40	4°15	6°40	23°11	22°48	27° 0	n.a.	W11
T 12	19 1 32	14° 4'36	14°55	6°12	0♊15	10°26	23°18	27°17	29°38	4°15	6°42	23° 6	22°45	27° 7	n.a.	T 12
F 13	19 5 28	15° 2'11	28°19	7°42	1°20	11° 4	23°25	27°23	29°36	4°R15	6°44	23° 3	22°41	27°13	n.a.	F 13
S 14	19 9 25	15°59'48	11♈57	9°11	2°25	11°42	23°31	27°29	29°34	4°15	6°46	23° 2	22°38	27°20	n.a.	S 14
S 15	19 13 21	16°57'26	25°50	10°38	3°31	12°20	23°38	27°36	29°31	4°15	6°47	23° 2	22°35	27°27	n.a.	S 15
M16	19 17 18	17°55'06	10♉ 0	12° 3	4°37	12°59	23°44	27°42	29°29	4°15	6°49	23° 2	22°32	27°33	n.a.	M16
T 17	19 21 14	18°52'48	24°25	13°26	5°43	13°37	23°50	27°48	29°27	4°15	6°51	22°59	22°29	27°40	n.a.	T 17
W18	19 25 11	19°50'31	9♊ 3	14°48	6°49	14°15	23°57	27°53	29°24	4°15	6°53	22°54	22°25	27°47	n.a.	W18
T 19	19 29 8	20°48'16	23°48	16° 8	7°55	14°54	24° 2	27°59	29°22	4°14	6°55	22°47	22°22	27°53	n.a.	T 19
F 20	19 33 4	21°46'03	8♋33	17°27	9° 2	15°32	24° 8	28° 5	29°20	4°14	6°57	22°37	22°19	28° 0	n.a.	F 20
S 21	19 37 1	22°43'52	23°11	18°43	10° 9	16°11	24°14	28°11	29°17	4°14	6°59	22°25	22°16	28° 7	n.a.	S 21
S 22	19 40 57	23°41'42	7♌34	19°58	11°16	16°49	24°19	28°16	29°15	4°14	7° 1	22°14	22°13	28°14	n.a.	S 22
M23	19 44 54	24°39'34	21°35	21°11	12°23	17°28	24°24	28°22	29°12	4°13	7° 3	22° 3	22°10	28°20	n.a.	M23
T 24	19 48 50	25°37'27	5♍10	22°22	13°30	18° 6	24°29	28°27	29°10	4°13	7° 5	21°55	22° 6	28°27	n.a.	T 24
W25	19 52 47	26°35'21	18°20	23°30	14°37	18°45	24°34	28°33	29° 8	4°13	7° 8	21°49	22° 3	28°34	n.a.	W25
T 26	19 56 43	27°33'17	1♎ 5	24°36	15°45	19°23	24°39	28°38	29° 5	4°12	7°10	21°46	22° 0	28°40	n.a.	T 26
F 27	20 0 40	28°31'14	13°28	25°40	16°52	20° 2	24°43	28°43	29° 3	4°12	7°12	21°45	21°57	28°47	n.a.	F 27
S 28	20 4 37	29°29'12	25°36	26°42	18° 0	20°41	24°48	28°49	29° 0	4°11	7°14	21°45	21°54	28°54	n.a.	S 28
S 29	20 8 33	0♌27'12	7♏31	27°41	19° 8	21°20	24°52	28°54	28°58	4°11	7°16	21°45	21°51	29° 0	n.a.	S 29
M30	20 12 30	1°25'14	19°21	28°37	20°17	21°58	24°56	28°59	28°56	4°10	7°18	21°43	21°47	29° 7	n.a.	M30
T 31	20 16 26	2♌23'17	1♐11	29♌31	21♊25	22♌37	25♈ 0	29♉ 4	28♑53	4♈10	7♌20	21♈40	21♈44	29♏14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n41	11s45	0s25	24n12	1n43	14n43	2s58	20n46	1n11	7n28	1s15	17n59	1s34	21s 3	0s40	0s 3	1s55	31n 2	12n34	9n39	9n10	22s 9			n.a.
M 2	23 39	16 43	1 27	23 54	1 39	15 1	2 56	20 37	1 11	7 31	1 16	18 1	1 34	21 3	0 40	0 3	1 55	31 1	12 34	9 38	9 9	22 12			n.a.
T 3	23 37	21 3	2 24	23 34	1 36	15 20	2 54	20 27	1 11	7 34	1 16	18 2	1 34	21 4	0 40	0 3	1 55	31 1	12 34	9 37	9 8	22 14			n.a.
W 4	23 34	24 33	3 16	23 12	1 31	15 38	2 52	20 17	1 10	7 37	1 16	18 4	1 34	21 4	0 40	0 3	1 55	31 0	12 34	9 35	9 7	22 16			n.a.
T 5	23 31	27 1	3 59	22 49	1 27	15 57	2 50	20 8	1 10	7 40	1 16	18 5	1 34	21 5	0 40	0 3	1 55	30 59	12 33	9 32	9 5	22 19			n.a.
F 6	23 28	28 16	4 32	22 25	1 22	16 15	2 48	19 58	1 10	7 42	1 16	18 7	1 34	21 5	0 40	0 3	1 55	30 59	12 33	9 28	9 4	22 21			n.a.
S 7	23 24	28 8	4 53	22 0	1 16	16 32	2 45	19 48	1 9	7 45	1 16	18 8	1 34	21 6	0 40	0 3	1 55	30 58	12 33	9 23	9 3	22 23			n.a.
S 8	23 20	26 36	5 1	21 34	1 11	16 50	2 43	19 37	1 9	7 48	1 17	18 10	1 34	21 6	0 40	0 3	1 55	30 58	12 33	9 18	9 2	22 26			n.a.
M 9	23 15	23 44	4 54	21 6	1 4	17 7	2 41	19 27	1 8	7 50	1 17	18 11	1 34	21 7	0 41	0 3	1 55	30 57	12 33	9 14	9 1	22 28			n.a.
T 10	23 10	19 40	4 32	20 38	0 58	17 24	2 38	19 17	1 8	7 53	1 17	18 13	1 34	21 7	0 41	0 3	1 55	30 56	12 33	9 10	8 59	22 30			n.a.
W11	23 4	14 39	3 56	20 9	0 51	17 41	2 36	19 6	1 8	7 55	1 17	18 14	1 34	21 8	0 41	0 3	1 55	30 56	12 33	9 7	8 58	22 33			n.a.
T 12	22 59	8 53	3 7	19 39	0 44	17 58	2 33	18 55	1 7	7 58	1 17	18 16	1 34	21 8	0 41	0 3	1 56	30 55	12 33	9 5	8 57	22 35			n.a.
F 13	22 52	2 37	2 7	19 9	0 36	18 14	2 30	18 44	1 7	8 0	1 17	18 17	1 34	21 9	0 41	0 3	1 56	30 55	12 33	9 4	8 56	22 37			n.a.
S 14	22 45	3n53	0 58	18 38	0 29	18 29	2 27	18 33	1 7	8 3	1 18	18 18	1 34	21 9	0 41	0 3	1 56	30 54	12 33	9 4	8 55	22 39			n.a.
S 15	22 38	10 20	0n15	18 7	0 21	18 45	2 24	18 22	1 6	8 5	1 18	18 20	1 35	21 10	0 41	0 3	1 56	30 53	12 33	9 4	8 53	22 42			n.a.
M16	22 31	16 23	1 28	17 35	0 12	19 0	2 22	18 11	1 6	8 7	1 18	18 21	1 35	21 10	0 41	0 4	1 56	30 53	12 33	9 3	8 52	22 44			n.a.
T 17	22 23	21 39	2 38	17 3	0 4	19 15	2 19	17 59	1 6	8 9	1 18	18 22	1 35	21 11	0 41	0 4	1 56	30 52	12 32	9 3	8 51	22 46			n.a.
W18	22 15	25 39	3 37	16 31	0s 5	19 29	2 16	17 48	1 5	8 11	1 18	18 24	1 35	21 11	0 41	0 4	1 56	30 52	12 32	9 1	8 50	22 48			n.a.
T 19	22 6	27 58	4 23	15 58	0 14	19 43	2 12	17 36	1 5	8 13	1 19	18 25	1 35	21 12	0 41	0 4	1 56	30 51	12 32	8 58	8 49	22 51			n.a.
F 20	21 57	28 18	4 51	15 26	0 23	19 57	2 9	17 24	1 5	8 15	1 19	18 26	1 35	21 12	0 41	0 4	1 56	30 50	12 32	8 54	8 47	22 53			n.a.
S 21	21 47	26 38	5 0	14 53	0 32	20 10	2 6	17 12	1 4	8 17	1 19	18 27	1 35	21 13	0 41	0 4	1 56	30 50	12 32	8 50	8 46	22 55			n.a.
S 22	21 37	23 16	4 50	14 21	0 41	20 22	2 3	17 0	1 4	8 19	1 19	18 28	1 35	21 13	0 41	0 4	1 56	30 49	12 32	8 45	8 45	22 57			n.a.
M23	21 27	18 36	4 22	13 49	0 51	20 35	2 0	16 48	1 3	8 21	1 19	18 30	1 35	21 14	0 41	0 5	1 56	30 49	12 32	8 42	8 44	23 0			n.a.
T 24	21 17	13 8	3 40	13 16	1 1	20 46	1 56	16 35	1 3	8 22	1 19	18 31	1 35	21 14	0 41	0 5	1 56	30 48	12 32	8 38	8 43	23 2			n.a.
W25	21 6	7 13	2 47	12 45	1 10	20 58	1 53	16 23	1 3	8 24	1 20	18 32	1 35	21 15	0 41	0 5	1 56	30 48	12 32	8 36	8 41	23 4			n.a.
T 26	20 54	1 12	1 47	12 13	1 20	21 9	1 50	16 10	1 2	8 26	1 20	18 33	1 35	21 15	0 41	0 5	1 56	30 47	12 32	8 35	8 40	23 6			n.a.
F 27	20 42	4s43	0 44	11 42	1 30	21 19	1 46	15 57	1 2	8 27	1 20	18 34	1 35	21 16	0 41	0 5	1 56	30 46	12 32	8 34	8 39	23 8			n.a.
S 28	20 30	10 20	0s20	11 12	1 40	21 29	1 43	15 45	1 2	8 28	1 20	18 35	1 35	21 16	0 41	0 6	1 57	30 46	12 32	8 34	8 38	23 11			n.a.
S 29	20 18	15 29	1 23	10 42	1 50	21 38	1 39	15 32	1 1	8 30	1 20	18 36	1 35	21 17	0 41	0 6	1 57	30 45	12 32	8 34	8 37	23 13			n.a.
M30	20 5	20 2	2 21	10 13	2 0	21 47	1 36	15 19	1 1	8 31	1 21	18 37	1 35	21 17	0 41	0 6	1 57	30 45	12 32	8 34	8 35	23 15			n.a.
T 31	19n52	23s47	3s13	9n45	2s10	21n55	1s32	15n 5	1n 0	8n32	1s21	18n38	1s36	21s18	0s41	0s 7	1s57	30n44	12n32	8n33	8n34	23s17			n.a.

Julian Day Number = 1624082.5, Delta T = 03h45m47s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°45'00, Lahiri = - 7°37'59 Julian Calendar 1 July 267 BCE == Greg. Calendar 27 June 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

AUGUST 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 20 23	3♌21'21	13♐ 4	0♍21	22♊33	23♌16	25♈ 3	29♉ 9	28°R51	4°R 9	7♌22	21°R35	21♈41	29♏20	n.a.	W 1
T 2	20 24 19	4°19'28	25° 6	1° 9	23°42	23°55	25° 7	29°13	28♑48	4♈ 8	7°24	21♈26	21°38	29°27	n.a.	T 2
F 3	20 28 16	5°17'36	7♑19	1°52	24°51	24°34	25°10	29°18	28°46	4° 8	7°26	21°16	21°35	29°34	n.a.	F 3
S 4	20 32 12	6°15'45	19°45	2°32	26° 0	25°13	25°13	29°23	28°44	4° 7	7°28	21° 4	21°31	29°40	n.a.	S 4
S 5	20 36 9	7°13'57	2♒25	3° 8	27° 9	25°52	25°16	29°27	28°41	4° 6	7°30	20°51	21°28	29°47	n.a.	S 5
M 6	20 40 6	8°12'10	15°19	3°40	28°18	26°31	25°19	29°32	28°39	4° 6	7°32	20°39	21°25	29°54	n.a.	M 6
T 7	20 44 2	9°10'25	28°26	4° 8	29°27	27°10	25°21	29°36	28°37	4° 5	7°34	20°29	21°22	0♐ 0	n.a.	T 7
W 8	20 47 59	10° 8'42	11♓45	4°30	0♋37	27°49	25°24	29°40	28°34	4° 4	7°36	20°21	21°19	0° 7	n.a.	W 8
T 9	20 51 55	11° 7'01	25°14	4°48	1°46	28°29	25°26	29°45	28°32	4° 3	7°38	20°16	21°16	0°14	n.a.	T 9
F 10	20 55 52	12° 5'22	8♈52	5° 0	2°56	29° 8	25°28	29°49	28°30	4° 2	7°41	20°14	21°12	0°20	n.a.	F 10
S 11	20 59 48	13° 3'46	22°40	5° 7	4° 6	29°47	25°30	29°53	28°27	4° 1	7°43	20°D13	21° 9	0°27	n.a.	S 11
S 12	21 3 45	14° 2'11	6♉36	5°R 7	5°16	0♍27	25°31	29°57	28°25	4° 0	7°45	20°14	21° 6	0°34	n.a.	S 12
M13	21 7 41	15° 0'40	20°41	5° 1	6°26	1° 6	25°33	0♊ 0	28°23	3°59	7°47	20°R14	21° 3	0°40	n.a.	M13
T 14	21 11 38	15°59'10	4♊53	4°49	7°36	1°45	25°34	0° 4	28°21	3°58	7°49	20°12	21° 0	0°47	n.a.	T 14
W15	21 15 34	16°57'43	19°11	4°29	8°46	2°25	25°35	0° 8	28°18	3°57	7°51	20° 9	20°57	0°54	n.a.	W15
T 16	21 19 31	17°56'18	3♋32	4° 3	9°57	3° 4	25°35	0°11	28°16	3°56	7°53	20° 3	20°53	1° 0	n.a.	T 16
F 17	21 23 28	18°54'55	17°52	3°30	11° 7	3°44	25°36	0°15	28°14	3°55	7°55	19°54	20°50	1° 7	n.a.	F 17
S 18	21 27 24	19°53'35	2♌ 5	2°51	12°18	4°24	25°36	0°18	28°12	3°54	7°57	19°45	20°47	1°14	n.a.	S 18
S 19	21 31 21	20°52'16	16° 6	2° 5	13°29	5° 3	25°R37	0°22	28°10	3°53	7°59	19°35	20°44	1°20	n.a.	S 19
M20	21 35 17	21°51'00	29°50	1°13	14°40	5°43	25°37	0°25	28° 7	3°52	8° 1	19°26	20°41	1°27	n.a.	M20
T 21	21 39 14	22°49'46	13♍15	0°16	15°51	6°23	25°36	0°28	28° 5	3°51	8° 3	19°19	20°37	1°34	n.a.	T 21
W22	21 43 10	23°48'33	26°17	29♌15	17° 2	7° 3	25°36	0°31	28° 3	3°50	8° 5	19°14	20°34	1°40	n.a.	W22
T 23	21 47 7	24°47'23	8♎59	28°11	18°13	7°42	25°35	0°34	28° 1	3°48	8° 7	19°12	20°31	1°47	n.a.	T 23
F 24	21 51 3	25°46'14	21°22	27° 6	19°24	8°22	25°34	0°36	27°59	3°47	8° 9	19°D11	20°28	1°54	n.a.	F 24
S 25	21 55 0	26°45'08	3♏29	26° 0	20°36	9° 2	25°33	0°39	27°57	3°46	8°11	19°12	20°25	2° 1	n.a.	S 25
S 26	21 58 57	27°44'03	15°26	24°56	21°47	9°42	25°32	0°42	27°55	3°45	8°13	19°13	20°22	2° 7	n.a.	S 26
M27	22 2 53	28°43'00	27°17	23°55	22°59	10°22	25°31	0°44	27°53	3°43	8°15	19°R14	20°18	2°14	n.a.	M27
T 28	22 6 50	29°41'59	9♐ 7	23° 0	24°11	11° 2	25°29	0°46	27°51	3°42	8°17	19°13	20°15	2°21	n.a.	T 28
W29	22 10 46	0♍41'00	21° 2	22°10	25°23	11°42	25°27	0°49	27°49	3°41	8°19	19°11	20°12	2°27	n.a.	W29
T 30	22 14 43	1°40'03	3♑ 7	21°29	26°34	12°22	25°25	0°51	27°47	3°39	8°21	19° 6	20° 9	2°34	n.a.	T 30
F 31	22 18 39	2♍39'08	15♑24	20♌56	27♋46	13♍ 3	25♈23	0♊53	27♑46	3♈38	8♌23	19♈ 0	20♈ 6	2♐41	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	19n38	26s33	3s57	9n18	2s20	22n 3	1s28	14n52	1n 0	8n33	1s21	18n39	1s36	21s18	0s41	0s 7	1s57	30n44	12n32	8n31	8n33	23s19			n.a.
T 2	19 25	28 8	4 30	8 52	2 30	22 10	1 25	14 39	1 0	8 35	1 21	18 40	1 36	21 19	0 41	0 7	1 57	30 43	12 32	8 28	8 32	23 22			n.a.
F 3	19 11	28 23	4 52	8 27	2 40	22 16	1 21	14 25	0 59	8 36	1 21	18 41	1 36	21 19	0 41	0 7	1 57	30 43	12 32	8 24	8 31	23 24			n.a.
S 4	18 56	27 13	5 1	8 4	2 49	22 22	1 18	14 12	0 59	8 37	1 22	18 42	1 36	21 20	0 41	0 8	1 57	30 42	12 33	8 19	8 29	23 26			n.a.
S 5	18 41	24 38	4 55	7 42	2 59	22 28	1 14	13 58	0 58	8 37	1 22	18 43	1 36	21 20	0 41	0 8	1 57	30 42	12 33	8 14	8 28	23 28			n.a.
M 6	18 26	20 48	4 34	7 22	3 8	22 33	1 10	13 44	0 58	8 38	1 22	18 44	1 36	21 21	0 41	0 9	1 57	30 41	12 33	8 10	8 27	23 30			n.a.
T 7	18 11	15 53	3 58	7 4	3 17	22 37	1 7	13 30	0 58	8 39	1 22	18 45	1 36	21 21	0 41	0 9	1 57	30 41	12 33	8 6	8 26	23 32			n.a.
W 8	17 55	10 9	3 9	6 48	3 25	22 41	1 3	13 16	0 57	8 40	1 22	18 46	1 36	21 22	0 41	0 9	1 57	30 40	12 33	8 3	8 25	23 34			n.a.
T 9	17 39	3 53	2 9	6 34	3 33	22 44	0 59	13 2	0 57	8 40	1 23	18 46	1 36	21 22	0 41	0 10	1 57	30 40	12 33	8 1	8 23	23 37			n.a.
F 10	17 23	2n38	1 0	6 23	3 40	22 46	0 56	12 48	0 56	8 41	1 23	18 47	1 36	21 23	0 41	0 10	1 57	30 39	12 33	8 0	8 22	23 39			n.a.
S 11	17 6	9 7	0n13	6 14	3 47	22 48	0 52	12 33	0 56	8 41	1 23	18 48	1 36	21 23	0 41	0 10	1 57	30 39	12 33	8 0	8 21	23 41			n.a.
S 12	16 49	15 14	1 26	6 9	3 53	22 49	0 48	12 19	0 55	8 42	1 23	18 49	1 37	21 24	0 41	0 11	1 57	30 38	12 33	8 0	8 20	23 43			n.a.
M13	16 32	20 37	2 35	6 6	3 58	22 50	0 45	12 4	0 55	8 42	1 23	18 49	1 37	21 24	0 41	0 11	1 58	30 38	12 33	8 0	8 19	23 45			n.a.
T 14	16 14	24 53	3 34	6 7	4 2	22 49	0 41	11 50	0 55	8 42	1 24	18 50	1 37	21 24	0 41	0 12	1 58	30 37	12 33	7 59	8 17	23 47			n.a.
W15	15 56	27 37	4 21	6 11	4 5	22 49	0 38	11 35	0 54	8 42	1 24	18 51	1 37	21 25	0 41	0 12	1 58	30 37	12 34	7 58	8 16	23 49			n.a.
T 16	15 38	28 32	4 52	6 19	4 6	22 47	0 34	11 20	0 54	8 42	1 24	18 52	1 37	21 25	0 41	0 13	1 58	30 36	12 34	7 56	8 15	23 51			n.a.
F 17	15 20	27 32	5 4	6 31	4 6	22 45	0 30	11 5	0 53	8 43	1 24	18 52	1 37	21 26	0 41	0 13	1 58	30 36	12 34	7 53	8 14	23 53			n.a.
S 18	15 2	24 45	4 57	6 47	4 5	22 42	0 27	10 50	0 53	8 42	1 24	18 53	1 37	21 26	0 41	0 14	1 58	30 35	12 34	7 49	8 13	23 55			n.a.
S 19	14 43	20 32	4 32	7 7	4 1	22 39	0 23	10 35	0 52	8 42	1 25	18 53	1 37	21 27	0 41	0 14	1 58	30 35	12 34	7 45	8 11	23 58			n.a.
M20	14 24	15 17	3 52	7 30	3 56	22 35	0 20	10 20	0 52	8 42	1 25	18 54	1 37	21 27	0 41	0 15	1 58	30 35	12 34	7 42	8 10	24 0			n.a.
T 21	14 4	9 26	3 0	7 57	3 49	22 30	0 16	10 5	0 52	8 42	1 25	18 54	1 37	21 28	0 41	0 15	1 58	30 34	12 34	7 39	8 9	24 2			n.a.
W22	13 45	3 19	2 0	8 27	3 40	22 25	0 13	9 49	0 51	8 42	1 25	18 55	1 38	21 28	0 41	0 16	1 58	30 34	12 35	7 37	8 8	24 4			n.a.
T 23	13 25	2s46	0 55	9 0	3 28	22 19	0 9	9 34	0 51	8 41	1 25	18 55	1 38	21 28	0 41	0 16	1 58	30 33	12 35	7 36	8 7	24 6			n.a.
F 24	13 5	8 37	0s12	9 34	3 15	22 13	0 6	9 18	0 50	8 41	1 26	18 56	1 38	21 29	0 41	0 17	1 58	30 33	12 35	7 36	8 5	24 8			n.a.
S 25	12 45	14 1	1 16	10 11	3 0	22 5	0 2	9 3	0 50	8 40	1 26	18 56	1 38	21 29	0 41	0 17	1 58	30 33	12 35	7 36	8 4	24 10			n.a.
S 26	12 24	18 50	2 17	10 48	2 44	21 57	0n 1	8 47	0 49	8 39	1 26	18 57	1 38	21 30	0 41	0 18	1 58	30 32	12 35	7 37	8 3	24 12			n.a.
M27	12 4	22 53	3 10	11 25	2 26	21 49	0 4	8 31	0 49	8 39	1 26	18 57	1 38	21 30	0 41	0 18	1 58	30 32	12 36	7 37	8 2	24 14			n.a.
T 28	11 43	25 58	3 56	12 1	2 7	21 40	0 8	8 16	0 48	8 38	1 26	18 58	1 38	21 30	0 41	0 19	1 58	30 32	12 36	7 37	8 0	24 16			n.a.
W29	11 22	27 57	4 32	12 36	1 48	21 30	0 11	8 0	0 48	8 37	1 26	18 58	1 38	21 31	0 41	0 20	1 58	30 31	12 36	7 36	7 59	24 18			n.a.
T 30	11 1	28 38	4 56	13 8	1 28	21 19	0 14	7 44	0 48	8 36	1 27	18 58	1 38	21 31	0 41	0 20	1 58	30 31	12 36	7 34	7 58	24 20			n.a.
F 31	10n39	27s55	5s 7	13n37	1s 8	21n 8	0n17	7n28	0n47	8n35	1s27	18n59	1s38	21s31	0s41	0s21	1s58	30n30	12n36	7n32	7n57	24s22			n.a.

Julian Day Number = 1624113.5, Delta T = 03h45m46s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'55, Lahiri = - 7°37'55 Julian Calendar 1 Aug. 267 BCE == Greg. Calendar 28 July 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

SEPTEMBER 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 22 36	3♍38'14	27♉59	20°R33	28♋59	13♍43	25°R20	0♊55	27°R44	3°R37	8♌25	18°R53	20♈ 3	2♐47	n.a.	S 1
S 2	22 26 32	4°37'23	10♒51	20♌21	0♌11	14°23	25♈18	0°56	27♉42	3♈35	8°27	18♈45	19°59	2°54	n.a.	S 2
M 3	22 30 29	5°36'34	24° 1	20°D18	1°23	15° 3	25°15	0°58	27°40	3°34	8°28	18°37	19°56	3° 1	n.a.	M 3
T 4	22 34 26	6°35'46	7♓29	20°26	2°35	15°44	25°12	1° 0	27°39	3°32	8°30	18°31	19°53	3° 7	n.a.	T 4
W 5	22 38 22	7°35'01	21°12	20°45	3°48	16°24	25° 9	1° 1	27°37	3°31	8°32	18°26	19°50	3°14	n.a.	W 5
T 6	22 42 19	8°34'18	5♈ 7	21°13	5° 0	17° 5	25° 5	1° 3	27°35	3°29	8°34	18°24	19°47	3°21	n.a.	T 6
F 7	22 46 15	9°33'37	19°10	21°51	6°13	17°45	25° 2	1° 4	27°34	3°28	8°36	18°D23	19°43	3°27	n.a.	F 7
S 8	22 50 12	10°32'59	3♉19	22°38	7°26	18°26	24°58	1° 5	27°32	3°26	8°38	18°24	19°40	3°34	n.a.	S 8
S 9	22 54 8	11°32'23	17°30	23°32	8°39	19° 6	24°54	1° 6	27°31	3°25	8°40	18°25	19°37	3°41	n.a.	S 9
M10	22 58 5	12°31'50	1♊42	24°34	9°51	19°47	24°50	1° 7	27°29	3°23	8°41	18°26	19°34	3°47	n.a.	M10
T 11	23 2 1	13°31'19	15°52	25°43	11° 4	20°28	24°45	1° 8	27°28	3°22	8°43	18°R27	19°31	3°54	n.a.	T 11
W12	23 5 58	14°30'51	29°59	26°57	12°17	21° 8	24°41	1° 9	27°26	3°20	8°45	18°26	19°28	4° 1	n.a.	W12
T 13	23 9 55	15°30'25	14♋ 1	28°17	13°31	21°49	24°36	1° 9	27°25	3°19	8°47	18°23	19°24	4° 7	n.a.	T 13
F 14	23 13 51	16°30'01	27°55	29°41	14°44	22°30	24°31	1°10	27°24	3°17	8°48	18°19	19°21	4°14	n.a.	F 14
S 15	23 17 48	17°29'40	11♌41	1♍ 8	15°57	23°11	24°26	1°10	27°22	3°15	8°50	18°15	19°18	4°21	n.a.	S 15
S 16	23 21 44	18°29'21	25°15	2°39	17°10	23°52	24°21	1°10	27°21	3°14	8°52	18°10	19°15	4°28	n.a.	S 16
M17	23 25 41	19°29'04	8♍34	4°12	18°24	24°33	24°16	1°10	27°20	3°12	8°53	18° 5	19°12	4°34	n.a.	M17
T 18	23 29 37	20°28'49	21°39	5°47	19°37	25°14	24°10	1°R10	27°19	3°10	8°55	18° 2	19° 9	4°41	n.a.	T 18
W19	23 33 34	21°28'37	4♎27	7°24	20°51	25°55	24° 4	1°10	27°18	3° 9	8°57	18° 0	19° 5	4°48	n.a.	W19
T 20	23 37 30	22°28'26	16°59	9° 2	22° 5	26°36	23°59	1°10	27°17	3° 7	8°58	17°D59	19° 2	4°54	n.a.	T 20
F 21	23 41 27	23°28'17	29°16	10°42	23°18	27°17	23°53	1°10	27°15	3° 6	9° 0	17°59	18°59	5° 1	n.a.	F 21
S 22	23 45 23	24°28'11	11♏21	12°22	24°32	27°58	23°46	1° 9	27°15	3° 4	9° 2	18° 1	18°56	5° 8	n.a.	S 22
S 23	23 49 20	25°28'06	23°17	14° 2	25°46	28°40	23°40	1° 9	27°14	3° 2	9° 3	18° 2	18°53	5°14	n.a.	S 23
M24	23 53 17	26°28'03	5♐ 8	15°43	27° 0	29°21	23°34	1° 8	27°13	3° 1	9° 5	18° 4	18°49	5°21	n.a.	M24
T 25	23 57 13	27°28'02	16°58	17°25	28°14	0♎ 2	23°27	1° 7	27°12	2°59	9° 6	18° 5	18°46	5°28	n.a.	T 25
W26	0 1 10	28°28'02	28°53	19° 6	29°28	0°44	23°20	1° 7	27°11	2°57	9° 8	18°R 6	18°43	5°34	n.a.	W26
T 27	0 5 6	29°28'05	10♉56	20°47	0♍42	1°25	23°14	1° 6	27°10	2°55	9° 9	18° 5	18°40	5°41	n.a.	T 27
F 28	0 9 3	0♎28'09	23°13	22°28	1°56	2° 7	23° 7	1° 5	27°10	2°54	9°11	18° 4	18°37	5°48	n.a.	F 28
S 29	0 12 59	1°28'15	5♒48	24° 9	3°10	2°48	23° 0	1° 3	27° 9	2°52	9°12	18° 2	18°34	5°54	n.a.	S 29
S 30	0 16 56	2♎28'22	18♒44	25♍49	4♍24	3♎30	22♈52	1♊ 2	27♉ 8	2♈50	9♌13	18♈ 0	18♈30	6♐ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	10n18	25s47	5s 4	14n 3	0s48	20n57	0n20	7n12	0n47	8n34	1s27	18n59	1s39	21s32	0s40	0s21	1s58	30n30	12n37	7n29	7n56	24s24		n.a.	
S 2	9 56	22 18	4 46	14 26	0 29	20 44	0 23	6 56	0 46	8 33	1 27	18 59	1 39	21 32	0 40	0 22	1 58	30 30	12 37	7 26	7 54	24 26		n.a.	
M 3	9 34	17 38	4 12	14 44	0 10	20 31	0 27	6 39	0 46	8 32	1 27	19 0	1 39	21 32	0 40	0 23	1 58	30 30	12 37	7 23	7 53	24 28		n.a.	
T 4	9 12	12 0	3 23	14 58	0n 7	20 18	0 30	6 23	0 45	8 31	1 27	19 0	1 39	21 33	0 40	0 23	1 58	30 29	12 37	7 21	7 52	24 30		n.a.	
W 5	8 50	5 42	2 22	15 7	0 23	20 4	0 32	6 7	0 45	8 29	1 28	19 0	1 39	21 33	0 40	0 24	1 59	30 29	12 38	7 19	7 51	24 32		n.a.	
T 6	8 27	0n58	1 12	15 12	0 38	19 49	0 35	5 50	0 44	8 28	1 28	19 0	1 39	21 33	0 40	0 24	1 59	30 29	12 38	7 18	7 50	24 34		n.a.	
F 7	8 5	7 39	0n 4	15 13	0 52	19 34	0 38	5 34	0 44	8 26	1 28	19 0	1 39	21 34	0 40	0 25	1 59	30 28	12 38	7 17	7 48	24 36		n.a.	
S 8	7 42	14 2	1 20	15 9	1 4	19 18	0 41	5 18	0 43	8 25	1 28	19 0	1 39	21 34	0 40	0 26	1 59	30 28	12 38	7 18	7 47	24 38		n.a.	
S 9	7 19	19 41	2 32	15 1	1 15	19 1	0 44	5 1	0 43	8 23	1 28	19 1	1 39	21 34	0 40	0 26	1 59	30 28	12 39	7 18	7 46	24 40		n.a.	
M10	6 56	24 15	3 34	14 49	1 25	18 44	0 46	4 44	0 42	8 22	1 28	19 1	1 39	21 34	0 40	0 27	1 59	30 28	12 39	7 19	7 45	24 41		n.a.	
T 11	6 33	27 20	4 23	14 34	1 33	18 27	0 49	4 28	0 42	8 20	1 28	19 1	1 40	21 35	0 40	0 28	1 59	30 27	12 39	7 19	7 43	24 43		n.a.	
W12	6 10	28 40	4 56	14 14	1 40	18 9	0 52	4 11	0 41	8 18	1 29	19 1	1 40	21 35	0 40	0 28	1 59	30 27	12 39	7 19	7 42	24 45		n.a.	
T 13	5 47	28 8	5 11	13 52	1 46	17 50	0 54	3 54	0 41	8 16	1 29	19 1	1 40	21 35	0 40	0 29	1 59	30 27	12 40	7 18	7 41	24 47		n.a.	
F 14	5 23	25 51	5 8	13 27	1 51	17 31	0 56	3 38	0 40	8 14	1 29	19 1	1 40	21 36	0 40	0 30	1 59	30 27	12 40	7 16	7 40	24 49		n.a.	
S 15	5 0	22 4	4 46	12 59	1 54	17 11	0 59	3 21	0 40	8 12	1 29	19 1	1 40	21 36	0 40	0 30	1 59	30 26	12 40	7 14	7 39	24 51		n.a.	
S 16	4 36	17 10	4 9	12 28	1 57	16 51	1 1	3 4	0 39	8 10	1 29	19 1	1 40	21 36	0 40	0 31	1 59	30 26	12 41	7 12	7 37	24 53		n.a.	
M17	4 13	11 32	3 19	11 55	1 58	16 30	1 3	2 47	0 39	8 8	1 29	19 1	1 40	21 36	0 40	0 32	1 59	30 26	12 41	7 11	7 36	24 55		n.a.	
T 18	3 49	5 29	2 19	11 21	1 59	16 9	1 6	2 30	0 38	8 6	1 29	19 1	1 40	21 36	0 40	0 32	1 59	30 26	12 41	7 9	7 35	24 57		n.a.	
W19	3 25	0s40	1 14	10 44	1 59	15 47	1 8	2 13	0 38	8 4	1 29	19 0	1 40	21 37	0 40	0 33	1 59	30 26	12 42	7 8	7 34	24 59		n.a.	
T 20	3 1	6 40	0 5	10 6	1 59	15 25	1 10	1 56	0 37	8 2	1 29	19 0	1 40	21 37	0 40	0 34	1 59	30 26	12 42	7 8	7 33	25 0		n.a.	
F 21	2 37	12 19	1s 2	9 27	1 57	15 2	1 12	1 39	0 37	7 59	1 30	19 0	1 41	21 37	0 40	0 34	1 59	30 26	12 42	7 8	7 31	25 2		n.a.	
S 22	2 13	17 24	2 5	8 46	1 55	14 39	1 14	1 22	0 36	7 57	1 30	19 0	1 41	21 37	0 40	0 35	1 59	30 25	12 43	7 9	7 30	25 4		n.a.	
S 23	1 49	21 45	3 2	8 5	1 53	14 16	1 15	1 5	0 36	7 55	1 30	19 0	1 41	21 37	0 40	0 36	1 59	30 25	12 43	7 10	7 29	25 6		n.a.	
M24	1 25	25 12	3 51	7 22	1 50	13 52	1 17	0 48	0 35	7 52	1 30	19 0	1 41	21 37	0 40	0 36	1 59	30 25	12 43	7 10	7 28	25 8		n.a.	
T 25	1 1	27 34	4 30	6 39	1 46	13 28	1 19	0 31	0 35	7 50	1 30	18 59	1 41	21 38	0 40	0 37	1 59	30 25	12 44	7 11	7 26	25 10		n.a.	
W26	0 37	28 42	4 58	5 56	1 42	13 3	1 20	0 14	0 34	7 47	1 30	18 59	1 41	21 38	0 40	0 38	1 59	30 25	12 44	7 11	7 25	25 11		n.a.	
T 27	0 13	28 29	5 13	5 11	1 38	12 38	1 22	0s 3	0 34	7 44	1 30	18 59	1 41	21 38	0 40	0 38	1 59	30 25	12 44	7 11	7 24	25 13		n.a.	
F 28	0s11	26 52	5 14	4 27	1 33	12 13	1 23	0 21	0 33	7 42	1 30	18 58	1 41	21 38	0 40	0 39	1 59	30 25	12 45	7 10	7 23	25 15		n.a.	
S 29	0 36	23 54	5 1	3 42	1 28	11 47	1 25	0 38	0 33	7 39	1 30	18 58	1 41	21 38	0 40	0 40	1 59	30 25	12 45	7 9	7 22	25 17		n.a.	
S 30	1s 0	19s41	4s32	2n57	1n23	11n21	1n26	0s55	0n32	7n36	1s30	18n58	1s41	21s38	0s40	0s40	1s59	30n25	12n45	7n 8	7n20	25s19		n.a.	

Julian Day Number = 1624144.5, Delta T = 03h45m45s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'51, Lahiri = - 7°37'51 Julian Calendar 1 Sept. 267 BCE == Greg. Calendar 28 Aug. 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

OCTOBER 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 20 52	3♎28'31	2♓ 3	27♍30	5♍38	4♎12	22°R45	1°R 1	27°R 8	2°R49	9♌15	17°R57	18♈27	6♐ 8	n.a.	M 1
T 2	0 24 49	4°28'42	15°44	29°10	6°53	4°53	22♈38	0♊59	27♉ 7	2♈47	9°16	17♈56	18°24	6°15	n.a.	T 2
W 3	0 28 46	5°28'55	29°47	0♎49	8° 7	5°35	22°30	0°57	27° 7	2°45	9°17	17°54	18°21	6°21	n.a.	W 3
T 4	0 32 42	6°29'09	14♈ 6	2°28	9°21	6°17	22°23	0°56	27° 7	2°44	9°19	17°D54	18°18	6°28	n.a.	T 4
F 5	0 36 39	7°29'26	28°37	4° 7	10°36	6°59	22°15	0°54	27° 6	2°42	9°20	17°54	18°14	6°35	n.a.	F 5
S 6	0 40 35	8°29'44	13♉15	5°45	11°50	7°40	22° 7	0°52	27° 6	2°40	9°21	17°55	18°11	6°41	n.a.	S 6
S 7	0 44 32	9°30'05	27°52	7°23	13° 5	8°22	22° 0	0°50	27° 6	2°39	9°22	17°55	18° 8	6°48	n.a.	S 7
M 8	0 48 28	10°30'27	12♊23	9° 1	14°19	9° 4	21°52	0°48	27° 5	2°37	9°24	17°56	18° 5	6°55	n.a.	M 8
T 9	0 52 25	11°30'52	26°44	10°38	15°34	9°46	21°44	0°45	27° 5	2°35	9°25	17°57	18° 2	7° 1	n.a.	T 9
W10	0 56 21	12°31'19	10♋53	12°15	16°49	10°28	21°36	0°43	27° 5	2°34	9°26	17°R57	17°59	7° 8	n.a.	W10
T 11	1 0 18	13°31'48	24°47	13°52	18° 3	11°10	21°28	0°40	27°D 5	2°32	9°27	17°57	17°55	7°15	n.a.	T 11
F 12	1 4 15	14°32'18	8♌25	15°28	19°18	11°53	21°20	0°38	27° 5	2°30	9°28	17°56	17°52	7°21	n.a.	F 12
S 13	1 8 11	15°32'51	21°49	17° 4	20°33	12°35	21°12	0°35	27° 5	2°29	9°29	17°56	17°49	7°28	n.a.	S 13
S 14	1 12 8	16°33'26	4♍58	18°39	21°48	13°17	21° 3	0°32	27° 5	2°27	9°30	17°56	17°46	7°35	n.a.	S 14
M15	1 16 4	17°34'02	17°53	20°14	23° 3	13°59	20°55	0°29	27° 5	2°25	9°31	17°D56	17°43	7°41	n.a.	M15
T 16	1 20 1	18°34'40	0♎35	21°49	24°18	14°42	20°47	0°27	27° 6	2°24	9°32	17°56	17°40	7°48	n.a.	T 16
W17	1 23 57	19°35'20	13° 4	23°24	25°33	15°24	20°39	0°23	27° 6	2°22	9°33	17°R56	17°36	7°55	n.a.	W17
T 18	1 27 54	20°36'02	25°23	24°58	26°48	16° 7	20°31	0°20	27° 6	2°21	9°34	17°56	17°33	8° 2	n.a.	T 18
F 19	1 31 50	21°36'45	7♏31	26°32	28° 3	16°49	20°23	0°17	27° 7	2°19	9°35	17°56	17°30	8° 8	n.a.	F 19
S 20	1 35 47	22°37'29	19°31	28° 6	29°18	17°32	20°14	0°14	27° 7	2°17	9°36	17°55	17°27	8°15	n.a.	S 20
S 21	1 39 43	23°38'15	1♐24	29°40	0♎33	18°14	20° 6	0°10	27° 8	2°16	9°37	17°54	17°24	8°22	n.a.	S 21
M22	1 43 40	24°39'02	13°14	1♏13	1°48	18°57	19°58	0° 7	27° 8	2°14	9°38	17°54	17°20	8°28	n.a.	M22
T 23	1 47 37	25°39'50	25° 4	2°47	3° 3	19°40	19°50	0° 3	27° 9	2°13	9°38	17°53	17°17	8°35	n.a.	T 23
W24	1 51 33	26°40'40	6♑57	4°20	4°18	20°23	19°42	29♉59	27° 9	2°11	9°39	17°52	17°14	8°42	n.a.	W24
T 25	1 55 30	27°41'31	18°58	5°53	5°33	21° 5	19°34	29°56	27°10	2°10	9°40	17°51	17°11	8°48	n.a.	T 25
F 26	1 59 26	28°42'22	1♒12	7°26	6°48	21°48	19°26	29°52	27°11	2° 8	9°40	17°D51	17° 8	8°55	n.a.	F 26
S 27	2 3 23	29°43'15	13°41	8°58	8° 3	22°31	19°18	29°48	27°11	2° 7	9°41	17°51	17° 5	9° 2	n.a.	S 27
S 28	2 7 19	0♏44'09	26°33	10°31	9°19	23°14	19°10	29°44	27°12	2° 5	9°42	17°52	17° 1	9° 8	n.a.	S 28
M29	2 11 16	1°45'04	9♓48	12° 3	10°34	23°57	19° 2	29°40	27°13	2° 4	9°42	17°53	16°58	9°15	n.a.	M29
T 30	2 15 13	2°45'59	23°30	13°36	11°49	24°40	18°54	29°36	27°14	2° 3	9°43	17°54	16°55	9°22	n.a.	T 30
W31	2 19 9	3♏46'56	7♈38	15♏ 8	13♎ 4	25♎23	18♈47	29♉32	27♉15	2♈ 1	9♌43	17♈55	16♈52	9♐29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1s24	14s24	3s47	2n12	1n18	10n54	1n27	1s12	0n32	7n34	1s30	18n57	1s41	21s38	0s40	0s41	1s59	30n25	12n46	7n 8	7n19	25s20			n.a.
T 2	1 48	8 17	2 49	1 26	1 12	10 28	1 29	1 29	0 31	7 31	1 30	18 57	1 42	21 38	0 40	0 42	1 59	30 25	12 46	7 7	7 18	25 22			n.a.
W 3	2 12	1 36	1 39	0 41	1 6	10 1	1 30	1 47	0 31	7 28	1 30	18 57	1 42	21 38	0 40	0 42	1 59	30 25	12 47	7 6	7 17	25 24			n.a.
T 4	2 36	5n18	0 21	0s 4	1 0	9 33	1 31	2 4	0 30	7 25	1 30	18 56	1 42	21 38	0 40	0 43	1 59	30 25	12 47	7 6	7 15	25 26			n.a.
F 5	3 0	12 2	0n59	0 50	0 54	9 6	1 32	2 21	0 29	7 22	1 30	18 56	1 42	21 38	0 40	0 44	1 59	30 25	12 47	7 6	7 14	25 28			n.a.
S 6	3 24	18 10	2 16	1 35	0 48	8 38	1 32	2 38	0 29	7 19	1 30	18 55	1 42	21 38	0 40	0 44	1 59	30 25	12 48	7 7	7 13	25 29			n.a.
S 7	3 49	23 14	3 24	2 20	0 42	8 9	1 33	2 56	0 28	7 17	1 30	18 55	1 42	21 38	0 40	0 45	1 59	30 25	12 48	7 7	7 12	25 31			n.a.
M 8	4 13	26 49	4 18	3 4	0 35	7 41	1 34	3 13	0 28	7 14	1 30	18 54	1 42	21 38	0 40	0 46	1 59	30 25	12 49	7 7	7 11	25 33			n.a.
T 9	4 36	28 37	4 56	3 49	0 29	7 12	1 35	3 30	0 27	7 11	1 30	18 54	1 42	21 38	0 40	0 46	1 59	30 25	12 49	7 7	7 9	25 35			n.a.
W10	5 0	28 30	5 15	4 33	0 23	6 43	1 35	3 47	0 27	7 8	1 30	18 53	1 42	21 38	0 40	0 47	1 59	30 25	12 49	7 7	7 8	25 36			n.a.
T 11	5 24	26 35	5 15	5 17	0 16	6 14	1 36	4 4	0 26	7 5	1 30	18 52	1 42	21 38	0 40	0 48	1 59	30 25	12 50	7 7	7 7	25 38			n.a.
F 12	5 48	23 9	4 57	6 1	0 9	5 45	1 36	4 22	0 26	7 2	1 30	18 52	1 42	21 38	0 39	0 48	1 59	30 25	12 50	7 7	7 6	25 40			n.a.
S 13	6 12	18 33	4 24	6 44	0 3	5 16	1 36	4 39	0 25	6 59	1 30	18 51	1 42	21 38	0 39	0 49	1 59	30 25	12 51	7 7	7 4	25 41			n.a.
S 14	6 35	13 9	3 37	7 27	0s 4	4 46	1 36	4 56	0 24	6 56	1 30	18 51	1 42	21 38	0 39	0 50	1 59	30 25	12 51	7 7	7 3	25 43			n.a.
M15	6 59	7 17	2 39	8 10	0 10	4 16	1 37	5 13	0 24	6 53	1 30	18 50	1 42	21 38	0 39	0 50	1 59	30 25	12 51	7 7	7 2	25 45			n.a.
T 16	7 22	1 13	1 35	8 52	0 17	3 46	1 37	5 30	0 23	6 50	1 30	18 49	1 42	21 38	0 39	0 51	1 59	30 25	12 52	7 7	7 1	25 47			n.a.
W17	7 45	4s49	0 27	9 33	0 23	3 16	1 37	5 47	0 23	6 47	1 30	18 49	1 43	21 38	0 39	0 52	1 59	30 26	12 52	7 7	6 59	25 48			n.a.
T 18	8 8	10 34	0s41	10 14	0 30	2 46	1 37	6 4	0 22	6 44	1 30	18 48	1 43	21 38	0 39	0 52	1 59	30 26	12 53	7 7	6 58	25 50			n.a.
F 19	8 31	15 52	1 47	10 55	0 36	2 16	1 37	6 21	0 22	6 41	1 29	18 47	1 43	21 38	0 39	0 53	1 59	30 26	12 53	7 7	6 57	25 52			n.a.
S 20	8 54	20 29	2 46	11 35	0 42	1 45	1 36	6 38	0 21	6 38	1 29	18 46	1 43	21 38	0 39	0 53	1 59	30 26	12 54	7 7	6 56	25 53			n.a.
S 21	9 17	24 15	3 38	12 15	0 49	1 15	1 36	6 55	0 20	6 35	1 29	18 46	1 43	21 38	0 39	0 54	1 59	30 26	12 54	7 6	6 55	25 55			n.a.
M22	9 40	26 59	4 21	12 54	0 55	0 44	1 36	7 12	0 20	6 32	1 29	18 45	1 43	21 38	0 39	0 55	1 59	30 26	12 55	7 6	6 53	25 57			n.a.
T 23	10 2	28 30	4 52	13 32	1 1	0 14	1 35	7 29	0 19	6 29	1 29	18 44	1 43	21 37	0 39	0 55	1 59	30 27	12 55	7 6	6 52	25 58			n.a.
W24	10 25	28 43	5 11	14 10	1 7	0s17	1 35	7 46	0 19	6 26	1 29	18 43	1 43	21 37	0 39	0 56	1 59	30 27	12 55	7 5	6 51	26 0			n.a.
T 25	10 47	27 36	5 17	14 47	1 13	0 47	1 34	8 3	0 18	6 23	1 29	18 42	1 43	21 37	0 39	0 56	1 59	30 27	12 56	7 5	6 50	26 1			n.a.
F 26	11 9	25 8	5 8	15 23	1 18	1 18	1 34	8 20	0 17	6 20	1 29	18 42	1 43	21 37	0 39	0 57	1 59	30 27	12 56	7 5	6 48	26 3			n.a.
S 27	11 31	21 28	4 45	15 59	1 24	1 49	1 33	8 36	0 17	6 17	1 28	18 41	1 43	21 37	0 39	0 58	1 59	30 28	12 57	7 5	6 47	26 5			n.a.
S 28	11 52	16 41	4 8	16 34	1 29	2 19	1 32	8 53	0 16	6 14	1 28	18 40	1 43	21 37	0 39	0 58	1 59	30 28	12 57	7 6	6 46	26 6			n.a.
M29	12 14	11 0	3 16	17 8	1 34	2 50	1 31	9 10	0 16	6 11	1 28	18 39	1 43	21 36	0 39	0 59	1 59	30 28	12 58	7 6	6 45	26 8			n.a.
T 30	12 35	4 37	2 11	17 41	1 39	3 21	1 30	9 26	0 15	6 8	1 28	18 38	1 43	21 36	0 39	0 59	1 59	30 28	12 58	7 6	6 43	26 9			n.a.
W31	12s56	2n12	0s57	18s13	1s44	3s51	1n30	9s43	0n14	6n 6	1s28	18n37	1s43	21s36	0s39	1s 0	1s58	30n29	12n59	7n 7	6n42	26s11			n.a.

Julian Day Number = 1624174.5, Delta T = 03h45m44s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'47, Lahiri = - 7°37'47 Julian Calendar 1 Oct. 267 BCE == Greg. Calendar 27 Sept. 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

NOVEMBER 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 23 6	4♏47'53	22♈11	16♏40	14♎20	26♎ 6	18°R39	29°R27	27♑16	2°R 0	9♌44	17°R56	16♈49	9♐35	n.a.	T 1
F 2	2 27 2	5°48'52	7♉ 2	18°11	15°35	26°49	18♈32	29♉23	27°17	1♈59	9°44	17♈55	16°46	9°42	n.a.	F 2
S 3	2 30 59	6°49'51	22° 4	19°43	16°50	27°33	18°24	29°19	27°18	1°57	9°45	17°53	16°42	9°49	n.a.	S 3
S 4	2 34 55	7°50'52	7♊ 9	21°14	18° 5	28°16	18°17	29°14	27°19	1°56	9°45	17°51	16°39	9°55	n.a.	S 4
M 5	2 38 52	8°51'54	22° 6	22°45	19°21	28°59	18°10	29°10	27°21	1°55	9°46	17°48	16°36	10° 2	n.a.	M 5
T 6	2 42 48	9°52'58	6♋49	24°16	20°36	29°42	18° 3	29° 5	27°22	1°53	9°46	17°45	16°33	10° 9	n.a.	T 6
W 7	2 46 45	10°54'02	21°11	25°47	21°52	0♏26	17°56	29° 1	27°23	1°52	9°46	17°43	16°30	10°15	n.a.	W 7
T 8	2 50 42	11°55'08	5♌10	27°17	23° 7	1° 9	17°49	28°56	27°25	1°51	9°46	17°42	16°26	10°22	n.a.	T 8
F 9	2 54 38	12°56'15	18°46	28°46	24°22	1°53	17°42	28°51	27°26	1°50	9°47	17°D42	16°23	10°29	n.a.	F 9
S 10	2 58 35	13°57'22	2♍ 0	0♐15	25°38	2°36	17°36	28°47	27°28	1°49	9°47	17°43	16°20	10°36	n.a.	S 10
S 11	3 2 31	14°58'31	14°53	1°44	26°53	3°20	17°29	28°42	27°29	1°47	9°47	17°44	16°17	10°42	n.a.	S 11
M12	3 6 28	15°59'41	27°31	3°11	28° 9	4° 4	17°23	28°37	27°31	1°46	9°47	17°46	16°14	10°49	n.a.	M12
T 13	3 10 24	17° 0'52	9♎54	4°38	29°24	4°47	17°17	28°32	27°32	1°45	9°47	17°47	16°11	10°56	n.a.	T 13
W14	3 14 21	18° 2'03	22° 7	6° 3	0♏39	5°31	17°11	28°28	27°34	1°44	9°47	17°R47	16° 7	11° 2	n.a.	W14
T 15	3 18 17	19° 3'16	4♏12	7°27	1°55	6°15	17° 5	28°23	27°36	1°43	9°47	17°46	16° 4	11° 9	n.a.	T 15
F 16	3 22 14	20° 4'29	16°11	8°50	3°10	6°59	16°59	28°18	27°37	1°42	9°R47	17°43	16° 1	11°16	n.a.	F 16
S 17	3 26 11	21° 5'42	28° 5	10°10	4°26	7°42	16°53	28°13	27°39	1°41	9°47	17°38	15°58	11°22	n.a.	S 17
S 18	3 30 7	22° 6'56	9♐56	11°28	5°41	8°26	16°48	28° 8	27°41	1°40	9°47	17°32	15°55	11°29	n.a.	S 18
M19	3 34 4	23° 8'11	21°46	12°44	6°57	9°10	16°43	28° 3	27°43	1°39	9°47	17°25	15°51	11°36	n.a.	M19
T 20	3 38 0	24° 9'26	3♑38	13°56	8°12	9°54	16°38	27°58	27°45	1°38	9°47	17°18	15°48	11°43	n.a.	T 20
W21	3 41 57	25°10'41	15°32	15° 5	9°28	10°38	16°33	27°53	27°47	1°38	9°47	17°11	15°45	11°49	n.a.	W21
T 22	3 45 53	26°11'56	27°33	16°10	10°43	11°22	16°28	27°48	27°49	1°37	9°47	17° 6	15°42	11°56	n.a.	T 22
F 23	3 49 50	27°13'11	9♒44	17°10	11°59	12° 7	16°24	27°43	27°51	1°36	9°47	17° 2	15°39	12° 3	n.a.	F 23
S 24	3 53 46	28°14'27	22° 9	18° 4	13°14	12°51	16°19	27°38	27°53	1°35	9°46	17° 1	15°36	12° 9	n.a.	S 24
S 25	3 57 43	29°15'42	4♓52	18°53	14°30	13°35	16°15	27°33	27°55	1°34	9°46	17°D 0	15°32	12°16	n.a.	S 25
M26	4 1 40	0♐16'57	17°58	19°33	15°45	14°19	16°11	27°28	27°57	1°34	9°46	17° 2	15°29	12°23	n.a.	M26
T 27	4 5 36	1°18'12	1♈30	20° 6	17° 0	15° 3	16° 8	27°23	28° 0	1°33	9°46	17° 3	15°26	12°29	n.a.	T 27
W28	4 9 33	2°19'26	15°30	20°30	18°16	15°48	16° 4	27°18	28° 2	1°32	9°45	17°R 4	15°23	12°36	n.a.	W28
T 29	4 13 29	3°20'41	29°58	20°44	19°31	16°32	16° 1	27°13	28° 4	1°32	9°45	17° 3	15°20	12°43	n.a.	T 29
F 30	4 17 26	4♐21'55	14♉51	20°R47	20♏47	17♏17	15♈57	27♉ 8	28♑ 6	1♈31	9♌44	17♈ 0	15♈17	12♐50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s17	9n 6	0n23	18s45	1s48	4s21	1n29	9s59	0n14	6n 3	1s27	18n36	1s43	21s36	0s39	1s 0	1s58	30n29	12n59	7n 7	6n41	26s13		n.a.
F 2	13 37	15 39	1 44	19 15	1 53	4 52	1 27	10 15	0 13	6 0	1 27	18 35	1 43	21 35	0 39	1 1	1 58	30 29	13 0	7 7	6 40	26 14		n.a.
S 3	13 58	21 22	2 57	19 45	1 57	5 22	1 26	10 32	0 13	5 58	1 27	18 34	1 43	21 35	0 39	1 1	1 58	30 30	13 0	7 6	6 39	26 16		n.a.
S 4	14 18	25 42	3 59	20 13	2 1	5 52	1 25	10 48	0 12	5 55	1 27	18 33	1 43	21 35	0 39	1 2	1 58	30 30	13 1	7 5	6 37	26 17		n.a.
M 5	14 38	28 13	4 44	20 41	2 4	6 22	1 24	11 4	0 11	5 52	1 27	18 33	1 43	21 35	0 39	1 2	1 58	30 30	13 1	7 4	6 36	26 19		n.a.
T 6	14 57	28 42	5 9	21 7	2 7	6 52	1 22	11 20	0 11	5 50	1 26	18 32	1 43	21 34	0 39	1 3	1 58	30 31	13 1	7 3	6 35	26 20		n.a.
W 7	15 17	27 12	5 14	21 32	2 10	7 22	1 21	11 36	0 10	5 47	1 26	18 31	1 43	21 34	0 39	1 3	1 58	30 31	13 2	7 2	6 34	26 22		n.a.
T 8	15 36	24 3	5 0	21 56	2 12	7 52	1 20	11 52	0 9	5 45	1 26	18 30	1 43	21 34	0 39	1 4	1 58	30 31	13 2	7 2	6 32	26 23		n.a.
F 9	15 55	19 39	4 30	22 19	2 14	8 21	1 18	12 8	0 9	5 43	1 26	18 29	1 43	21 33	0 39	1 4	1 58	30 32	13 3	7 2	6 31	26 25		n.a.
S 10	16 13	14 24	3 46	22 40	2 16	8 50	1 17	12 24	0 8	5 40	1 26	18 28	1 43	21 33	0 39	1 4	1 58	30 32	13 3	7 2	6 30	26 26		n.a.
S 11	16 31	8 39	2 51	23 0	2 17	9 19	1 15	12 39	0 8	5 38	1 25	18 27	1 43	21 33	0 39	1 5	1 58	30 33	13 4	7 3	6 29	26 28		n.a.
M12	16 50	2 40	1 49	23 18	2 18	9 48	1 13	12 55	0 7	5 36	1 25	18 26	1 43	21 33	0 39	1 5	1 58	30 33	13 4	7 3	6 27	26 29		n.a.
T 13	17 7	3s19	0 43	23 35	2 18	10 17	1 12	13 11	0 6	5 34	1 25	18 25	1 43	21 32	0 39	1 6	1 58	30 33	13 5	7 4	6 26	26 31		n.a.
W14	17 25	9 5	0s24	23 50	2 18	10 45	1 10	13 26	0 6	5 32	1 25	18 24	1 43	21 32	0 39	1 6	1 58	30 34	13 5	7 4	6 25	26 32		n.a.
T 15	17 42	14 28	1 29	24 4	2 17	11 13	1 8	13 41	0 5	5 30	1 24	18 23	1 42	21 31	0 39	1 6	1 58	30 34	13 6	7 3	6 24	26 34		n.a.
F 16	17 59	19 15	2 29	24 16	2 15	11 41	1 6	13 56	0 4	5 28	1 24	18 21	1 42	21 31	0 39	1 7	1 58	30 35	13 6	7 2	6 23	26 35		n.a.
S 17	18 15	23 15	3 22	24 26	2 12	12 9	1 4	14 11	0 4	5 26	1 24	18 20	1 42	21 31	0 38	1 7	1 58	30 35	13 7	7 0	6 21	26 37		n.a.
S 18	18 31	26 16	4 6	24 34	2 9	12 36	1 2	14 26	0 3	5 24	1 23	18 19	1 42	21 30	0 38	1 7	1 58	30 36	13 7	6 58	6 20	26 38		n.a.
M19	18 47	28 8	4 40	24 40	2 5	13 3	1 1	14 41	0 2	5 22	1 23	18 18	1 42	21 30	0 38	1 8	1 58	30 36	13 8	6 55	6 19	26 40		n.a.
T 20	19 2	28 42	5 1	24 45	2 0	13 29	0 59	14 56	0 2	5 20	1 23	18 17	1 42	21 29	0 38	1 8	1 58	30 36	13 8	6 52	6 18	26 41		n.a.
W21	19 17	27 56	5 10	24 47	1 55	13 56	0 56	15 11	0 1	5 19	1 23	18 16	1 42	21 29	0 38	1 8	1 58	30 37	13 9	6 50	6 16	26 43		n.a.
T 22	19 32	25 53	5 5	24 47	1 48	14 22	0 54	15 25	0 0	5 17	1 22	18 15	1 42	21 29	0 38	1 9	1 57	30 37	13 9	6 48	6 15	26 44		n.a.
F 23	19 47	22 37	4 46	24 45	1 40	14 47	0 52	15 40	0s 0	5 16	1 22	18 14	1 42	21 28	0 38	1 9	1 57	30 38	13 9	6 46	6 14	26 45		n.a.
S 24	20 1	18 17	4 14	24 42	1 31	15 12	0 50	15 54	0 1	5 14	1 22	18 13	1 42	21 28	0 38	1 9	1 57	30 38	13 10	6 46	6 13	26 47		n.a.
S 25	20 14	13 4	3 28	24 36	1 20	15 37	0 48	16 8	0 2	5 13	1 21	18 12	1 42	21 27	0 38	1 9	1 57	30 39	13 10	6 46	6 11	26 48		n.a.
M26	20 27	7 7	2 31	24 27	1 9	16 1	0 46	16 22	0 2	5 12	1 21	18 11	1 42	21 27	0 38	1 10	1 57	30 40	13 11	6 46	6 10	26 50		n.a.
T 27	20 40	0 40	1 23	24 17	0 56	16 25	0 44	16 36	0 3	5 11	1 21	18 10	1 41	21 26	0 38	1 10	1 57	30 40	13 11	6 47	6 9	26 51		n.a.
W28	20 53	6n 3	0 8	24 5	0 42	16 49	0 41	16 49	0 4	5 9	1 21	18 9	1 41	21 26	0 38	1 10	1 57	30 41	13 12	6 47	6 8	26 52		n.a.
T 29	21 5	12 40	1n 9	23 51	0 27	17 12	0 39	17 3	0 4	5 8	1 20	18 8	1 41	21 25	0 38	1 10	1 57	30 41	13 12	6 47	6 6	26 54		n.a.
F 30	21s16	18n47	2n24	23s34	0s10	17s35	0n37	17s16	0s 5	5n 8	1s20	18n 7	1s41	21s25	0s38	1s10	1s57	30n42	13n13	6n46	6n 5	26s55		n.a.

Julian Day Number = 1624205.5, Delta T = 03h45m43s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'43, Lahiri = - 7°37'42 Julian Calendar 1 Nov. 267 BCE == Greg. Calendar 28 Oct. 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 267 BCE
geocentric

DECEMBER 267 BCE (-266) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 21 22	5♐23'10	0♊ 2	20°R38	22♏ 2	18♏ 1	15°R54	27°R 3	28♑ 9	1°R31	9°R44	16°R55	15♈13	12♐56	n.a.	S 1
S 2	4 25 19	6°24'24	15°22	20♐18	23°18	18°46	15♈52	26♉58	28°11	1♈30	9♌43	16♈48	15°10	13° 3	n.a.	S 2
M 3	4 29 16	7°25'38	0♋40	19°47	24°33	19°30	15°49	26°54	28°14	1°30	9°43	16°40	15° 7	13°10	n.a.	M 3
T 4	4 33 12	8°26'53	15°43	19° 3	25°49	20°15	15°47	26°49	28°16	1°29	9°42	16°32	15° 4	13°16	n.a.	T 4
W 5	4 37 9	9°28'07	0♌24	18° 9	27° 4	20°59	15°45	26°44	28°19	1°29	9°42	16°25	15° 1	13°23	n.a.	W 5
T 6	4 41 5	10°29'22	14°38	17° 5	28°19	21°44	15°43	26°39	28°21	1°28	9°41	16°20	14°58	13°30	n.a.	T 6
F 7	4 45 2	11°30'36	28°22	15°54	29°35	22°29	15°41	26°34	28°24	1°28	9°40	16°17	14°54	13°36	n.a.	F 7
S 8	4 48 58	12°31'50	11♍38	14°37	0♐50	23°13	15°39	26°30	28°26	1°28	9°40	16°D16	14°51	13°43	n.a.	S 8
S 9	4 52 55	13°33'04	24°29	13°18	2° 6	23°58	15°38	26°25	28°29	1°27	9°39	16°16	14°48	13°50	n.a.	S 9
M10	4 56 51	14°34'18	6♎59	11°58	3°21	24°43	15°37	26°20	28°32	1°27	9°38	16°17	14°45	13°57	n.a.	M10
T 11	5 0 48	15°35'32	19°13	10°40	4°36	25°28	15°36	26°16	28°35	1°27	9°38	16°R18	14°42	14° 3	n.a.	T 11
W12	5 4 45	16°36'46	1♏17	9°26	5°52	26°13	15°35	26°11	28°37	1°27	9°37	16°16	14°38	14°10	n.a.	W12
T 13	5 8 41	17°38'00	13°12	8°19	7° 7	26°58	15°34	26° 7	28°40	1°27	9°36	16°12	14°35	14°17	n.a.	T 13
F 14	5 12 38	18°39'13	25° 4	7°20	8°23	27°43	15°34	26° 2	28°43	1°26	9°35	16° 6	14°32	14°23	n.a.	F 14
S 15	5 16 34	19°40'26	6♐54	6°29	9°38	28°28	15°D34	25°58	28°46	1°26	9°34	15°57	14°29	14°30	n.a.	S 15
S 16	5 20 31	20°41'38	18°45	5°48	10°53	29°13	15°34	25°54	28°49	1°26	9°34	15°45	14°26	14°37	n.a.	S 16
M17	5 24 27	21°42'50	0♑37	5°17	12° 9	29°58	15°34	25°49	28°52	1°D26	9°33	15°32	14°23	14°44	n.a.	M17
T 18	5 28 24	22°44'00	12°33	4°55	13°24	0♐43	15°35	25°45	28°54	1°26	9°32	15°18	14°19	14°50	n.a.	T 18
W19	5 32 21	23°45'11	24°34	4°42	14°40	1°28	15°36	25°41	28°57	1°26	9°31	15° 5	14°16	14°57	n.a.	W19
T 20	5 36 17	24°46'20	6♒40	4°D38	15°55	2°14	15°37	25°37	29° 0	1°27	9°30	14°54	14°13	15° 4	n.a.	T 20
F 21	5 40 14	25°47'28	18°56	4°42	17°10	2°59	15°38	25°33	29° 3	1°27	9°29	14°46	14°10	15°10	n.a.	F 21
S 22	5 44 10	26°48'35	1♓22	4°54	18°26	3°44	15°39	25°29	29° 6	1°27	9°28	14°40	14° 7	15°17	n.a.	S 22
S 23	5 48 7	27°49'41	14° 3	5°13	19°41	4°29	15°41	25°25	29°10	1°27	9°27	14°38	14° 3	15°24	n.a.	S 23
M24	5 52 3	28°50'45	27° 3	5°38	20°56	5°15	15°42	25°22	29°13	1°27	9°26	14°D37	14° 0	15°30	n.a.	M24
T 25	5 56 0	29°51'49	10♈24	6° 9	22°12	6° 0	15°44	25°18	29°16	1°28	9°24	14°R37	13°57	15°37	n.a.	T 25
W26	5 59 56	0♑52'51	24°10	6°46	23°27	6°45	15°46	25°15	29°19	1°28	9°23	14°37	13°54	15°44	n.a.	W26
T 27	6 3 53	1°53'52	8♉24	7°27	24°42	7°31	15°49	25°11	29°22	1°28	9°22	14°35	13°51	15°51	n.a.	T 27
F 28	6 7 50	2°54'52	23° 3	8°13	25°57	8°16	15°51	25° 8	29°25	1°29	9°21	14°30	13°48	15°57	n.a.	F 28
S 29	6 11 46	3°55'50	8♊ 3	9° 3	27°13	9° 2	15°54	25° 4	29°28	1°29	9°20	14°23	13°44	16° 4	n.a.	S 29
S 30	6 15 43	4°56'47	23°18	9°56	28°28	9°47	15°57	25° 1	29°32	1°29	9°19	14°14	13°41	16°11	n.a.	S 30
M31	6 19 39	5♑57'43	8♋36	10♐53	29♐43	10♐33	16♈ 0	24♉58	29♑35	1♈30	9♌17	14♈ 2	13♈38	16♐17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s28	23n50	3n30	23s16	0n 8	17s57	0n34	17s30	0s 6	5n 7	1s20	18n 6	1s41	21s24	0s38	1s11	1s57	30n42	13n13	6n44	6n 4	26s57		n.a.
S 2	21 38	27 15	4 22	22 56	0 27	18 18	0 32	17 43	0 6	5 6	1 19	18 5	1 41	21 24	0 38	1 11	1 57	30 43	13 13	6 41	6 3	26 58		n.a.
M 3	21 49	28 38	4 55	22 34	0 46	18 39	0 30	17 56	0 7	5 5	1 19	18 4	1 41	21 23	0 38	1 11	1 57	30 43	13 14	6 38	6 1	26 59		n.a.
T 4	21 59	27 52	5 6	22 11	1 6	19 0	0 27	18 9	0 8	5 5	1 19	18 3	1 41	21 23	0 38	1 11	1 57	30 44	13 14	6 35	6 0	27 1		n.a.
W 5	22 8	25 9	4 57	21 46	1 26	19 20	0 25	18 21	0 8	5 4	1 18	18 2	1 40	21 22	0 38	1 11	1 57	30 45	13 15	6 32	5 59	27 2		n.a.
T 6	22 17	20 56	4 30	21 21	1 45	19 40	0 23	18 34	0 9	5 4	1 18	18 1	1 40	21 22	0 38	1 11	1 57	30 45	13 15	6 30	5 58	27 3		n.a.
F 7	22 26	15 44	3 48	20 55	2 4	19 59	0 20	18 46	0 10	5 3	1 18	18 0	1 40	21 21	0 38	1 11	1 57	30 46	13 16	6 29	5 56	27 5		n.a.
S 8	22 34	9 58	2 55	20 30	2 21	20 17	0 18	18 58	0 10	5 3	1 17	17 59	1 40	21 21	0 38	1 11	1 57	30 46	13 16	6 28	5 55	27 6		n.a.
S 9	22 42	3 58	1 54	20 5	2 36	20 35	0 15	19 10	0 11	5 3	1 17	17 58	1 40	21 20	0 38	1 11	1 56	30 47	13 16	6 28	5 54	27 7		n.a.
M10	22 50	2s 3	0 50	19 41	2 50	20 52	0 13	19 22	0 12	5 2	1 17	17 57	1 40	21 19	0 38	1 12	1 56	30 47	13 17	6 29	5 53	27 8		n.a.
T 11	22 56	7 51	0s16	19 20	3 1	21 9	0 10	19 34	0 12	5 2	1 16	17 56	1 40	21 19	0 38	1 12	1 56	30 48	13 17	6 29	5 52	27 10		n.a.
W12	23 3	13 18	1 19	19 0	3 10	21 25	0 8	19 45	0 13	5 2	1 16	17 55	1 39	21 18	0 38	1 12	1 56	30 49	13 18	6 28	5 50	27 11		n.a.
T 13	23 9	18 11	2 18	18 44	3 16	21 40	0 6	19 56	0 14	5 2	1 16	17 55	1 39	21 18	0 38	1 12	1 56	30 49	13 18	6 27	5 49	27 12		n.a.
F 14	23 14	22 21	3 11	18 31	3 20	21 55	0 3	20 7	0 14	5 3	1 15	17 54	1 39	21 17	0 38	1 12	1 56	30 50	13 18	6 24	5 48	27 13		n.a.
S 15	23 19	25 35	3 55	18 20	3 22	22 9	0 1	20 18	0 15	5 3	1 15	17 53	1 39	21 16	0 38	1 12	1 56	30 51	13 19	6 21	5 47	27 15		n.a.
S 16	23 24	27 43	4 29	18 14	3 22	22 23	0s 2	20 29	0 16	5 3	1 15	17 52	1 39	21 16	0 38	1 11	1 56	30 51	13 19	6 16	5 45	27 16		n.a.
M17	23 28	28 35	4 51	18 10	3 20	22 35	0 4	20 39	0 16	5 4	1 14	17 51	1 39	21 15	0 38	1 11	1 56	30 52	13 20	6 11	5 44	27 17		n.a.
T 18	23 32	28 7	5 1	18 10	3 16	22 48	0 7	20 50	0 17	5 4	1 14	17 50	1 38	21 15	0 38	1 11	1 56	30 52	13 20	6 6	5 43	27 18		n.a.
W19	23 35	26 21	4 57	18 12	3 11	22 59	0 9	21 0	0 18	5 5	1 14	17 50	1 38	21 14	0 38	1 11	1 56	30 53	13 20	6 1	5 42	27 20		n.a.
T 20	23 37	23 21	4 40	18 18	3 5	23 10	0 11	21 10	0 19	5 5	1 13	17 49	1 38	21 13	0 38	1 11	1 56	30 54	13 21	5 56	5 40	27 21		n.a.
F 21	23 40	19 17	4 10	18 25	2 58	23 20	0 14	21 19	0 19	5 6	1 13	17 48	1 38	21 13	0 38	1 11	1 56	30 54	13 21	5 53	5 39	27 22		n.a.
S 22	23 41	14 21	3 28	18 35	2 50	23 29	0 16	21 29	0 20	5 7	1 13	17 47	1 38	21 12	0 38	1 11	1 56	30 55	13 22	5 51	5 38	27 23		n.a.
S 23	23 43	8 43	2 34	18 46	2 42	23 38	0 18	21 38	0 21	5 8	1 12	17 47	1 37	21 11	0 38	1 11	1 56	30 56	13 22	5 50	5 37	27 24		n.a.
M24	23 43	2 35	1 32	18 59	2 33	23 46	0 21	21 47	0 21	5 9	1 12	17 46	1 37	21 11	0 38	1 11	1 56	30 56	13 22	5 50	5 35	27 26		n.a.
T 25	23 44	3n49	0 22	19 14	2 24	23 53	0 23	21 56	0 22	5 10	1 12	17 45	1 37	21 10	0 38	1 10	1 55	30 57	13 23	5 50	5 34	27 27		n.a.
W26	23 44	10 16	0n50	19 29	2 15	23 59	0 25	22 4	0 23	5 11	1 11	17 44	1 37	21 9	0 38	1 10	1 55	30 58	13 23	5 50	5 33	27 28		n.a.
T 27	23 43	16 24	2 2	19 46	2 5	24 5	0 28	22 13	0 23	5 12	1 11	17 44	1 37	21 9	0 38	1 10	1 55	30 58	13 23	5 49	5 32	27 29		n.a.
F 28	23 42	21 47	3 8	20 2	1 56	24 10	0 30	22 21	0 24	5 13	1 11	17 43	1 36	21 8	0 38	1 10	1 55	30 59	13 24	5 47	5 30	27 30		n.a.
S 29	23 40	25 54	4 3	20 20	1 46	24 14	0 32	22 29	0 25	5 15	1 10	17 43	1 36	21 7	0 38	1 10	1 55	31 0	13 24	5 44	5 29	27 31		n.a.
S 30	23 38	28 14	4 41	20 38	1 36	24 17	0 34	22 36	0 25	5 16	1 10	17 42	1 36	21 7	0 38	1 9	1 55	31 0	13 24	5 41	5 28	27 33		n.a.
M31	23s36	28n25	4n59	20s55	1n26	24s20	0s36	22s44	0s26	5n18	1s10	17n42	1s36	21s 6	0s38	1s 9	1s55	31n 1	13n24	5n36	5n27	27s34		n.a.

Julian Day Number = 1624235.5, Delta T = 03h45m42s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'39, Lahiri = - 7°37'38 Julian Calendar 1 Dec. 267 BCE == Greg. Calendar 27 Nov. 267 BCE

The year -266 astronomical counting style corresponds to year 267 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

JANUARY 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 23 36	6♑58'38	23♋46	11♐53	0♑58	11♐19	16♈ 3	24°R55	29♑38	1♈30	9°R16	13°R51	13♈35	16♐24	n.a.	T 1
W 2	6 27 32	7°59'32	8♌37	12°55	2°14	12° 4	16° 7	24♉52	29°41	1°31	9♌15	13♈40	13°32	16°31	n.a.	W 2
T 3	6 31 29	9° 0'24	23° 2	14° 0	3°29	12°50	16°11	24°49	29°45	1°32	9°14	13°32	13°29	16°38	n.a.	T 3
F 4	6 35 26	10° 1'16	6♍58	15° 7	4°44	13°36	16°14	24°46	29°48	1°32	9°12	13°26	13°25	16°44	n.a.	F 4
S 5	6 39 22	11° 2'06	20°22	16°16	5°59	14°21	16°19	24°44	29°51	1°33	9°11	13°23	13°22	16°51	n.a.	S 5
S 6	6 43 19	12° 2'55	3♎19	17°28	7°14	15° 7	16°23	24°41	29°55	1°34	9°10	13°22	13°19	16°58	n.a.	S 6
M 7	6 47 15	13° 3'43	15°52	18°41	8°29	15°53	16°27	24°39	29°58	1°34	9° 8	13°22	13°16	17° 4	n.a.	M 7
T 8	6 51 12	14° 4'30	28° 6	19°55	9°45	16°39	16°32	24°36	0♒ 1	1°35	9° 7	13°21	13°13	17°11	n.a.	T 8
W 9	6 55 8	15° 5'16	10♏ 7	21°12	11° 0	17°24	16°37	24°34	0° 5	1°36	9° 6	13°19	13° 9	17°18	n.a.	W 9
T 10	6 59 5	16° 6'01	22° 0	22°29	12°15	18°10	16°42	24°32	0° 8	1°37	9° 4	13°15	13° 6	17°25	n.a.	T 10
F 11	7 3 1	17° 6'44	3♐49	23°48	13°30	18°56	16°47	24°30	0°11	1°38	9° 3	13° 8	13° 3	17°31	n.a.	F 11
S 12	7 6 58	18° 7'26	15°39	25° 9	14°45	19°42	16°52	24°28	0°15	1°38	9° 1	12°58	13° 0	17°38	n.a.	S 12
S 13	7 10 55	19° 8'07	27°31	26°30	16° 0	20°28	16°58	24°26	0°18	1°39	9° 0	12°45	12°57	17°45	n.a.	S 13
M14	7 14 51	20° 8'46	9♑28	27°53	17°15	21°14	17° 3	24°24	0°22	1°40	8°58	12°31	12°54	17°51	n.a.	M14
T 15	7 18 48	21° 9'24	21°31	29°17	18°30	22° 0	17° 9	24°23	0°25	1°41	8°57	12°16	12°50	17°58	n.a.	T 15
W16	7 22 44	22°10'00	3♒42	0♑43	19°45	22°46	17°15	24°21	0°29	1°42	8°56	12° 2	12°47	18° 5	n.a.	W16
T 17	7 26 41	23°10'34	16° 1	2° 9	21° 1	23°32	17°21	24°20	0°32	1°43	8°54	11°50	12°44	18°12	n.a.	T 17
F 18	7 30 37	24°11'07	28°28	3°36	22°16	24°18	17°28	24°18	0°35	1°44	8°53	11°40	12°41	18°18	n.a.	F 18
S 19	7 34 34	25°11'37	11♓ 6	5° 4	23°31	25° 4	17°34	24°17	0°39	1°46	8°51	11°34	12°38	18°25	n.a.	S 19
S 20	7 38 30	26°12'06	23°56	6°34	24°46	25°50	17°41	24°16	0°42	1°47	8°50	11°30	12°35	18°32	n.a.	S 20
M21	7 42 27	27°12'33	6♈59	8° 4	26° 1	26°36	17°48	24°15	0°46	1°48	8°48	11°D29	12°31	18°38	n.a.	M21
T 22	7 46 24	28°12'57	20°20	9°36	27°16	27°23	17°55	24°14	0°49	1°49	8°47	11°29	12°28	18°45	n.a.	T 22
W23	7 50 20	29°13'20	3♉59	11° 8	28°31	28° 9	18° 2	24°14	0°53	1°50	8°45	11°R29	12°25	18°52	n.a.	W23
T 24	7 54 17	0♒13'40	17°59	12°41	29°46	28°55	18° 9	24°13	0°56	1°51	8°43	11°28	12°22	18°58	n.a.	T 24
F 25	7 58 13	1°13'59	2♊20	14°16	1♒ 0	29°41	18°16	24°13	1° 0	1°53	8°42	11°25	12°19	19° 5	n.a.	F 25
S 26	8 2 10	2°14'15	17° 0	15°51	2°15	0♑27	18°24	24°12	1° 3	1°54	8°40	11°19	12°15	19°12	n.a.	S 26
S 27	8 6 6	3°14'29	1♋53	17°27	3°30	1°14	18°32	24°12	1° 7	1°55	8°39	11°10	12°12	19°19	n.a.	S 27
M28	8 10 3	4°14'41	16°52	19° 5	4°45	2° 0	18°40	24°12	1°10	1°57	8°37	11° 0	12° 9	19°25	n.a.	M28
T 29	8 13 59	5°14'52	1♌48	20°43	6° 0	2°46	18°48	24°D12	1°13	1°58	8°36	10°50	12° 6	19°32	n.a.	T 29
W30	8 17 56	6°15'00	16°32	22°22	7°15	3°32	18°56	24°12	1°17	2° 0	8°34	10°40	12° 3	19°39	n.a.	W30
T 31	8 21 53	7♒15'06	0♍55	24♑ 3	8♒30	4♑19	19♈ 4	24♉12	1♒20	2♈ 1	8♌33	10♈33	12♈ 0	19♐46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s33	26n28	4n56	21s13	1n17	24s22	0s39	22s51	0s27	5n19	1s10	17n41	1s35	21s 5	0s38	1s 9	1s55	31n 1	13n25	5n31	5n25	27s35			n.a.
W 2	23 29	22 42	4 33	21 31	1 7	24 23	0 41	22 58	0 28	5 21	1 9	17 40	1 35	21 5	0 38	1 9	1 55	31 2	13 25	5 27	5 24	27 36			n.a.
T 3	23 25	17 39	3 52	21 48	0 57	24 24	0 43	23 5	0 28	5 23	1 9	17 40	1 35	21 4	0 38	1 8	1 55	31 3	13 25	5 24	5 23	27 37			n.a.
F 4	23 21	11 50	2 59	22 5	0 48	24 23	0 45	23 11	0 29	5 25	1 9	17 40	1 35	21 3	0 38	1 8	1 55	31 3	13 26	5 22	5 22	27 38			n.a.
S 5	23 16	5 40	1 58	22 22	0 39	24 22	0 47	23 17	0 30	5 26	1 8	17 39	1 35	21 2	0 38	1 8	1 55	31 4	13 26	5 21	5 20	27 39			n.a.
S 6	23 11	0s32	0 53	22 38	0 30	24 20	0 49	23 23	0 30	5 28	1 8	17 39	1 34	21 2	0 38	1 7	1 55	31 5	13 26	5 20	5 19	27 40			n.a.
M 7	23 5	6 31	0s13	22 54	0 21	24 18	0 51	23 29	0 31	5 30	1 8	17 38	1 34	21 1	0 38	1 7	1 55	31 5	13 26	5 20	5 18	27 41			n.a.
T 8	22 59	12 8	1 17	23 9	0 12	24 14	0 52	23 35	0 32	5 32	1 7	17 38	1 34	21 0	0 38	1 7	1 55	31 6	13 27	5 20	5 17	27 42			n.a.
W 9	22 52	17 11	2 16	23 23	0 3	24 10	0 54	23 40	0 32	5 35	1 7	17 38	1 34	21 0	0 38	1 6	1 55	31 7	13 27	5 19	5 15	27 43			n.a.
T 10	22 45	21 31	3 9	23 36	0s 5	24 5	0 56	23 45	0 33	5 37	1 7	17 37	1 33	20 59	0 38	1 6	1 54	31 7	13 27	5 18	5 14	27 45			n.a.
F 11	22 37	24 59	3 53	23 48	0 13	24 0	0 58	23 49	0 34	5 39	1 6	17 37	1 33	20 58	0 38	1 5	1 54	31 8	13 27	5 15	5 13	27 46			n.a.
S 12	22 29	27 22	4 27	23 59	0 21	23 53	1 0	23 54	0 35	5 41	1 6	17 37	1 33	20 57	0 38	1 5	1 54	31 9	13 28	5 11	5 12	27 47			n.a.
S 13	22 21	28 31	4 49	24 10	0 29	23 46	1 1	23 58	0 35	5 44	1 6	17 37	1 33	20 57	0 38	1 5	1 54	31 9	13 28	5 6	5 10	27 48			n.a.
M14	22 12	28 21	4 59	24 19	0 36	23 38	1 3	24 2	0 36	5 46	1 6	17 36	1 32	20 56	0 38	1 4	1 54	31 10	13 28	5 0	5 9	27 49			n.a.
T 15	22 3	26 51	4 55	24 27	0 44	23 30	1 4	24 6	0 37	5 49	1 5	17 36	1 32	20 55	0 38	1 4	1 54	31 10	13 28	4 54	5 8	27 50			n.a.
W16	21 53	24 4	4 39	24 34	0 51	23 21	1 6	24 9	0 37	5 51	1 5	17 36	1 32	20 54	0 38	1 3	1 54	31 11	13 29	4 49	5 7	27 51			n.a.
T 17	21 43	20 11	4 9	24 40	0 57	23 11	1 7	24 12	0 38	5 54	1 5	17 36	1 32	20 54	0 38	1 3	1 54	31 12	13 29	4 44	5 5	27 52			n.a.
F 18	21 32	15 22	3 26	24 45	1 4	23 0	1 9	24 15	0 39	5 57	1 4	17 36	1 31	20 53	0 38	1 2	1 54	31 12	13 29	4 40	5 4	27 53			n.a.
S 19	21 21	9 51	2 33	24 48	1 10	22 48	1 10	24 18	0 39	6 0	1 4	17 36	1 31	20 52	0 38	1 2	1 54	31 13	13 29	4 38	5 3	27 54			n.a.
S 20	21 10	3 50	1 32	24 50	1 16	22 36	1 11	24 20	0 40	6 2	1 4	17 36	1 31	20 51	0 38	1 1	1 54	31 13	13 29	4 36	5 2	27 55			n.a.
M21	20 58	2n27	0 24	24 50	1 21	22 24	1 13	24 22	0 41	6 5	1 4	17 36	1 31	20 51	0 38	1 1	1 54	31 14	13 29	4 36	5 0	27 56			n.a.
T 22	20 46	8 45	0n47	24 49	1 27	22 10	1 14	24 24	0 41	6 8	1 3	17 36	1 30	20 50	0 38	1 0	1 54	31 15	13 30	4 36	4 59	27 57			n.a.
W23	20 34	14 49	1 56	24 47	1 32	21 56	1 15	24 25	0 42	6 11	1 3	17 36	1 30	20 49	0 38	1 0	1 54	31 15	13 30	4 36	4 58	27 57			n.a.
T 24	20 21	20 17	3 1	24 43	1 37	21 41	1 16	24 26	0 43	6 14	1 3	17 36	1 30	20 48	0 38	0 59	1 54	31 16	13 30	4 35	4 57	27 58			n.a.
F 25	20 8	24 43	3 55	24 38	1 41	21 26	1 17	24 27	0 44	6 17	1 2	17 36	1 30	20 48	0 38	0 59	1 54	31 16	13 30	4 34	4 55	27 59			n.a.
S 26	19 54	27 39	4 36	24 31	1 45	21 10	1 18	24 28	0 44	6 21	1 2	17 36	1 29	20 47	0 38	0 58	1 54	31 17	13 30	4 32	4 54	28 0			n.a.
S 27	19 40	28 41	4 58	24 22	1 49	20 53	1 19	24 28	0 45	6 24	1 2	17 37	1 29	20 46	0 38	0 57	1 53	31 17	13 30	4 28	4 53	28 1			n.a.
M28	19 26	27 37	5 1	24 12	1 52	20 36	1 20	24 28	0 46	6 27	1 2	17 37	1 29	20 45	0 38	0 57	1 53	31 18	13 30	4 24	4 52	28 2			n.a.
T 29	19 11	24 35	4 42	24 0	1 55	20 18	1 21	24 28	0 46	6 30	1 1	17 37	1 29	20 44	0 38	0 56	1 53	31 19	13 30	4 20	4 50	28 3			n.a.
W30	18 56	19 58	4 6	23 47	1 58	20 0	1 22	24 28	0 47	6 34	1 1	17 37	1 28	20 44	0 38	0 56	1 53	31 19	13 31	4 16	4 49	28 4			n.a.
T 31	18s41	14n18	3n14	23s32	2s 0	19s41	1s22	24s27	0s48	6n37	1s 1	17n38	1s28	20s43	0s38	0s55	1s53	31n20	13n31	4n13	4n48	28s 5			n.a.

Julian Day Number = 1624266.5, Delta T = 03h45m41s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'35, Lahiri = - 7°37'34 Julian Calendar 1 Jan. 266 BCE == Greg. Calendar 28 Dec. 267 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

FEBRUARY 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 25 49	8♒15'10	14♍52	25♉44	9♒44	5♉ 5	19♈13	24♉12	1♒24	2♈ 3	8°R31	10°R27	11♈56	19♐52	n.a.	F 1
S 2	8 29 46	9°15'13	28°22	27°27	10°59	5°51	19°21	24°13	1°27	2° 4	8♌30	10♈24	11°53	19°59	n.a.	S 2
S 3	8 33 42	10°15'13	11♎25	29°10	12°14	6°38	19°30	24°13	1°31	2° 6	8°28	10°D24	11°50	20° 6	n.a.	S 3
M 4	8 37 39	11°15'12	24° 3	0♒55	13°29	7°24	19°39	24°14	1°34	2° 7	8°26	10°24	11°47	20°12	n.a.	M 4
T 5	8 41 35	12°15'09	6♏22	2°41	14°44	8°10	19°48	24°15	1°37	2° 9	8°25	10°25	11°44	20°19	n.a.	T 5
W 6	8 45 32	13°15'05	18°27	4°28	15°58	8°57	19°57	24°15	1°41	2°10	8°23	10°R25	11°41	20°26	n.a.	W 6
T 7	8 49 28	14°14'59	0♐21	6°16	17°13	9°43	20° 6	24°16	1°44	2°12	8°22	10°24	11°37	20°32	n.a.	T 7
F 8	8 53 25	15°14'51	12°12	8° 5	18°28	10°30	20°15	24°17	1°48	2°14	8°20	10°20	11°34	20°39	n.a.	F 8
S 9	8 57 22	16°14'41	24° 3	9°56	19°43	11°16	20°25	24°19	1°51	2°15	8°19	10°14	11°31	20°46	n.a.	S 9
S 10	9 1 18	17°14'29	5♉58	11°47	20°57	12° 2	20°34	24°20	1°54	2°17	8°17	10° 6	11°28	20°53	n.a.	S 10
M11	9 5 15	18°14'16	18° 0	13°40	22°12	12°49	20°44	24°21	1°58	2°19	8°16	9°56	11°25	20°59	n.a.	M11
T 12	9 9 11	19°14'00	0♒11	15°34	23°27	13°35	20°54	24°23	2° 1	2°20	8°14	9°46	11°21	21° 6	n.a.	T 12
W13	9 13 8	20°13'43	12°33	17°28	24°41	14°22	21° 4	24°25	2° 5	2°22	8°13	9°37	11°18	21°13	n.a.	W13
T 14	9 17 4	21°13'23	25° 7	19°24	25°56	15° 8	21°14	24°26	2° 8	2°24	8°11	9°28	11°15	21°20	n.a.	T 14
F 15	9 21 1	22°13'01	7♓53	21°21	27°10	15°55	21°24	24°28	2°11	2°26	8°10	9°22	11°12	21°26	n.a.	F 15
S 16	9 24 57	23°12'37	20°50	23°19	28°25	16°41	21°34	24°30	2°14	2°28	8° 8	9°18	11° 9	21°33	n.a.	S 16
S 17	9 28 54	24°12'11	3♈58	25°18	29°40	17°28	21°44	24°32	2°18	2°30	8° 7	9°D17	11° 6	21°40	n.a.	S 17
M18	9 32 50	25°11'42	17°18	27°18	0♓54	18°14	21°55	24°34	2°21	2°31	8° 5	9°17	11° 2	21°46	n.a.	M18
T 19	9 36 47	26°11'11	0♉51	29°18	2° 9	19° 0	22° 5	24°37	2°24	2°33	8° 4	9°18	10°59	21°53	n.a.	T 19
W20	9 40 44	27°10'37	14°36	1♓19	3°23	19°47	22°16	24°39	2°27	2°35	8° 2	9°19	10°56	22° 0	n.a.	W20
T 21	9 44 40	28°10'02	28°34	3°20	4°38	20°33	22°27	24°42	2°31	2°37	8° 1	9°R20	10°53	22° 7	n.a.	T 21
F 22	9 48 37	29° 9'23	12♊44	5°22	5°52	21°20	22°38	24°44	2°34	2°39	7°59	9°19	10°50	22°13	n.a.	F 22
S 23	9 52 33	0♓ 8'43	27° 6	7°23	7° 6	22° 6	22°49	24°47	2°37	2°41	7°58	9°16	10°47	22°20	n.a.	S 23
S 24	9 56 30	1° 8'00	11♋35	9°24	8°21	22°53	23° 0	24°50	2°40	2°43	7°56	9°12	10°43	22°27	n.a.	S 24
M25	10 0 26	2° 7'14	26° 7	11°24	9°35	23°39	23°11	24°53	2°43	2°45	7°55	9° 7	10°40	22°33	n.a.	M25
T 26	10 4 23	3° 6'27	10♌36	13°24	10°50	24°26	23°22	24°56	2°46	2°47	7°54	9° 1	10°37	22°40	n.a.	T 26
W27	10 8 19	4° 5'36	24°56	15°22	12° 4	25°12	23°33	24°59	2°50	2°49	7°52	8°56	10°34	22°47	n.a.	W27
T 28	10 12 16	5♓ 4'44	9♍ 1	17♓19	13♓18	25♉58	23♈45	25♉ 2	2♒53	2♈51	7♌51	8♈52	10♈31	22♐54	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s25	8n 3	2n12	23s15	2s 2	19s21	1s23	24s26	0s48	6n41	1s 1	17n38	1s28	20s42	0s38	0s54	1s53	31n20	13n31	4n11	4n47	28s 6		n.a.
S 2	18 9	1 38	1 4	22 56	2 3	19 1	1 23	24 25	0 49	6 44	1 0	17 38	1 28	20 41	0 38	0 54	1 53	31 21	13 31	4 10	4 45	28 6		n.a.
S 3	17 53	4s39	0s 5	22 36	2 4	18 41	1 24	24 23	0 50	6 48	1 0	17 39	1 27	20 41	0 38	0 53	1 53	31 21	13 31	4 10	4 44	28 7		n.a.
M 4	17 37	10 34	1 12	22 13	2 5	18 19	1 24	24 21	0 50	6 51	1 0	17 39	1 27	20 40	0 38	0 52	1 53	31 22	13 31	4 10	4 43	28 8		n.a.
T 5	17 20	15 55	2 14	21 49	2 5	17 58	1 25	24 19	0 51	6 55	1 0	17 39	1 27	20 39	0 38	0 52	1 53	31 22	13 31	4 10	4 42	28 9		n.a.
W 6	17 3	20 33	3 9	21 23	2 5	17 36	1 25	24 17	0 52	6 59	0 59	17 40	1 27	20 38	0 38	0 51	1 53	31 23	13 31	4 10	4 40	28 10		n.a.
T 7	16 45	24 17	3 55	20 56	2 4	17 13	1 25	24 14	0 52	7 2	0 59	17 40	1 26	20 38	0 38	0 50	1 53	31 23	13 31	4 10	4 39	28 11		n.a.
F 8	16 28	26 59	4 30	20 26	2 2	16 50	1 25	24 11	0 53	7 6	0 59	17 41	1 26	20 37	0 38	0 50	1 53	31 24	13 31	4 8	4 38	28 11		n.a.
S 9	16 10	28 29	4 53	19 55	2 1	16 26	1 26	24 8	0 53	7 10	0 59	17 41	1 26	20 36	0 38	0 49	1 53	31 24	13 31	4 6	4 37	28 12		n.a.
S 10	15 51	28 40	5 5	19 21	1 58	16 2	1 26	24 4	0 54	7 14	0 58	17 42	1 26	20 35	0 38	0 48	1 53	31 24	13 31	4 3	4 35	28 13		n.a.
M11	15 33	27 30	5 2	18 46	1 56	15 38	1 26	24 1	0 55	7 18	0 58	17 43	1 25	20 35	0 38	0 47	1 53	31 25	13 31	3 59	4 34	28 14		n.a.
T 12	15 14	25 1	4 47	18 9	1 52	15 13	1 26	23 57	0 55	7 22	0 58	17 43	1 25	20 34	0 38	0 47	1 53	31 25	13 31	3 55	4 33	28 15		n.a.
W13	14 55	21 21	4 17	17 30	1 48	14 48	1 25	23 52	0 56	7 26	0 58	17 44	1 25	20 33	0 38	0 46	1 53	31 26	13 31	3 51	4 31	28 15		n.a.
T 14	14 36	16 40	3 35	16 49	1 44	14 22	1 25	23 48	0 57	7 30	0 57	17 44	1 25	20 32	0 38	0 45	1 53	31 26	13 31	3 48	4 30	28 16		n.a.
F 15	14 16	11 12	2 41	16 7	1 39	13 56	1 25	23 43	0 57	7 34	0 57	17 45	1 24	20 32	0 38	0 44	1 53	31 27	13 31	3 45	4 29	28 17		n.a.
S 16	13 57	5 10	1 38	15 22	1 33	13 29	1 25	23 38	0 58	7 38	0 57	17 46	1 24	20 31	0 38	0 44	1 53	31 27	13 31	3 44	4 28	28 18		n.a.
S 17	13 37	1n10	0 29	14 36	1 27	13 3	1 24	23 32	0 58	7 42	0 57	17 47	1 24	20 30	0 38	0 43	1 53	31 27	13 31	3 43	4 26	28 18		n.a.
M18	13 17	7 33	0n43	13 49	1 20	12 35	1 24	23 27	0 59	7 46	0 57	17 47	1 24	20 29	0 38	0 42	1 52	31 28	13 31	3 43	4 25	28 19		n.a.
T 19	12 56	13 41	1 54	13 0	1 13	12 8	1 23	23 21	1 0	7 50	0 56	17 48	1 24	20 29	0 38	0 41	1 52	31 28	13 31	3 44	4 24	28 20		n.a.
W20	12 36	19 16	2 59	12 9	1 5	11 40	1 23	23 15	1 0	7 54	0 56	17 49	1 23	20 28	0 38	0 41	1 52	31 28	13 31	3 44	4 23	28 21		n.a.
T 21	12 15	23 54	3 55	11 17	0 56	11 12	1 22	23 8	1 1	7 59	0 56	17 50	1 23	20 27	0 38	0 40	1 52	31 29	13 31	3 44	4 21	28 21		n.a.
F 22	11 54	27 11	4 37	10 23	0 47	10 44	1 21	23 2	1 2	8 3	0 56	17 51	1 23	20 26	0 38	0 39	1 52	31 29	13 31	3 44	4 20	28 22		n.a.
S 23	11 33	28 45	5 3	9 29	0 38	10 15	1 21	22 55	1 2	8 7	0 55	17 52	1 23	20 26	0 38	0 38	1 52	31 29	13 31	3 43	4 19	28 23		n.a.
S 24	11 12	28 22	5 10	8 34	0 28	9 46	1 20	22 48	1 3	8 11	0 55	17 53	1 22	20 25	0 38	0 37	1 52	31 30	13 30	3 41	4 18	28 23		n.a.
M25	10 51	26 2	4 57	7 38	0 17	9 17	1 19	22 40	1 3	8 16	0 55	17 53	1 22	20 24	0 38	0 36	1 52	31 30	13 30	3 39	4 16	28 24		n.a.
T 26	10 29	22 2	4 25	6 42	0 6	8 48	1 18	22 32	1 4	8 20	0 55	17 54	1 22	20 24	0 38	0 36	1 52	31 30	13 30	3 37	4 15	28 25		n.a.
W27	10 8	16 45	3 36	5 45	0n 5	8 18	1 17	22 25	1 4	8 25	0 55	17 55	1 22	20 23	0 38	0 35	1 52	31 31	13 30	3 35	4 14	28 25		n.a.
T 28	9s46	10n41	2n35	4s49	0n17	7s48	1s16	22s16	1s 5	8n29	0s54	17n56	1s21	20s22	0s38	0s34	1s52	31n31	13n30	3n33	4n13	28s26		n.a.

Julian Day Number = 1624297.5, Delta T = 03h45m40s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'30, Lahiri = - 7°37'30 Julian Calendar 1 Feb. 266 BCE == Greg. Calendar 28 Jan. 266 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

MARCH 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 16 13	6♓ 3'49	22♍46	19♓13	14♓33	26♉45	23♈56	25♉ 5	2♒56	2♈53	7°R50	8°R49	10♈27	23♐ 0	n.a.	F 1
S 2	10 20 9	7° 2'53	6♎10	21° 5	15°47	27°31	24° 8	25° 9	2°59	2°55	7♏48	8°D48	10°24	23° 7	n.a.	S 2
S 3	10 24 6	8° 1'54	19°11	22°54	17° 1	28°18	24°19	25°12	3° 2	2°57	7°47	8♈49	10°21	23°14	n.a.	S 3
M 4	10 28 2	9° 0'53	1♏51	24°40	18°15	29° 4	24°31	25°16	3° 5	2°59	7°46	8°50	10°18	23°20	n.a.	M 4
T 5	10 31 59	9°59'51	14°14	26°22	19°30	29°51	24°43	25°19	3° 8	3° 1	7°44	8°52	10°15	23°27	n.a.	T 5
W 6	10 35 55	10°58'47	26°21	28° 1	20°44	0♒37	24°55	25°23	3°10	3° 4	7°43	8°53	10°12	23°34	n.a.	W 6
T 7	10 39 52	11°57'41	8♐19	29°35	21°58	1°23	25° 7	25°27	3°13	3° 6	7°42	8°R54	10° 8	23°41	n.a.	T 7
F 8	10 43 48	12°56'33	20°12	1♈ 4	23°12	2°10	25°19	25°31	3°16	3° 8	7°41	8°54	10° 5	23°47	n.a.	F 8
S 9	10 47 45	13°55'23	2♉ 5	2°29	24°26	2°56	25°31	25°35	3°19	3°10	7°39	8°52	10° 2	23°54	n.a.	S 9
S 10	10 51 42	14°54'12	14° 2	3°48	25°40	3°43	25°43	25°39	3°22	3°12	7°38	8°50	9°59	24° 1	n.a.	S 10
M11	10 55 38	15°52'58	26° 8	5° 3	26°54	4°29	25°55	25°44	3°25	3°14	7°37	8°47	9°56	24° 7	n.a.	M11
T 12	10 59 35	16°51'43	8♒25	6°11	28° 9	5°15	26° 7	25°48	3°27	3°16	7°36	8°43	9°53	24°14	n.a.	T 12
W13	11 3 31	17°50'25	20°56	7°14	29°23	6° 2	26°20	25°52	3°30	3°19	7°35	8°40	9°49	24°21	n.a.	W13
T 14	11 7 28	18°49'06	3♓44	8°12	0♈37	6°48	26°32	25°57	3°33	3°21	7°34	8°37	9°46	24°28	n.a.	T 14
F 15	11 11 24	19°47'45	16°47	9° 3	1°51	7°34	26°45	26° 1	3°35	3°23	7°33	8°35	9°43	24°34	n.a.	F 15
S 16	11 15 21	20°46'22	0♈ 6	9°48	3° 5	8°21	26°57	26° 6	3°38	3°25	7°32	8°34	9°40	24°41	n.a.	S 16
S 17	11 19 17	21°44'56	13°39	10°28	4°19	9° 7	27°10	26°11	3°41	3°27	7°30	8°D34	9°37	24°48	n.a.	S 17
M18	11 23 14	22°43'29	27°24	11° 1	5°33	9°53	27°22	26°16	3°43	3°30	7°29	8°34	9°33	24°54	n.a.	M18
T 19	11 27 10	23°41'59	11♉20	11°28	6°46	10°39	27°35	26°21	3°46	3°32	7°28	8°36	9°30	25° 1	n.a.	T 19
W20	11 31 7	24°40'27	25°24	11°48	8° 0	11°25	27°48	26°26	3°48	3°34	7°28	8°37	9°27	25° 8	n.a.	W20
T 21	11 35 4	25°38'54	9♊33	12° 3	9°14	12°12	28° 1	26°31	3°51	3°36	7°27	8°38	9°24	25°15	n.a.	T 21
F 22	11 39 0	26°37'17	23°45	12°12	10°28	12°58	28°14	26°36	3°53	3°39	7°26	8°R38	9°21	25°21	n.a.	F 22
S 23	11 42 57	27°35'39	7♋59	12°R14	11°42	13°44	28°27	26°41	3°55	3°41	7°25	8°38	9°18	25°28	n.a.	S 23
S 24	11 46 53	28°33'58	22°11	12°11	12°56	14°30	28°40	26°46	3°58	3°43	7°24	8°37	9°14	25°35	n.a.	S 24
M25	11 50 50	29°32'16	6♌19	12° 3	14° 9	15°16	28°53	26°52	4° 0	3°45	7°23	8°36	9°11	25°42	n.a.	M25
T 26	11 54 46	0♈30'30	20°19	11°49	15°23	16° 2	29° 6	26°57	4° 2	3°48	7°22	8°35	9° 8	25°48	n.a.	T 26
W27	11 58 43	1°28'43	4♍10	11°30	16°37	16°48	29°19	27° 3	4° 5	3°50	7°21	8°34	9° 5	25°55	n.a.	W27
T 28	12 2 39	2°26'54	17°48	11° 7	17°51	17°34	29°32	27° 8	4° 7	3°52	7°21	8°34	9° 2	26° 2	n.a.	T 28
F 29	12 6 36	3°25'03	1♎12	10°40	19° 4	18°20	29°45	27°14	4° 9	3°54	7°20	8°33	8°58	26° 8	n.a.	F 29
S 30	12 10 33	4°23'10	14°19	10° 9	20°18	19° 6	29°58	27°20	4°11	3°57	7°19	8°D33	8°55	26°15	n.a.	S 30
S 31	12 14 29	5♈21'15	27♎10	9♈36	21♈31	19♒52	0♉12	27♉26	4♒13	3♈59	7♏19	8♈34	8♈52	26♐22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s24	4n13	1n26	3s53	0n29	7s18	1s15	22s 8	1s 6	8n33	0s54	17n57	1s21	20s22	0s38	0s33	1s52	31n31	13n30	3n32	4n11	28s27		n.a.
S 2	9 2	2s15	0 14	2 57	0 41	6 48	1 14	21 59	1 6	8 38	0 54	17 58	1 21	20 21	0 38	0 32	1 52	31 31	13 30	3 32	4 10	28 27		n.a.
S 3	8 40	8 28	0s56	2 2	0 53	6 18	1 12	21 50	1 7	8 42	0 54	18 0	1 21	20 20	0 38	0 31	1 52	31 32	13 30	3 32	4 9	28 28		n.a.
M 4	8 17	14 11	2 3	1 9	1 5	5 47	1 11	21 41	1 7	8 47	0 54	18 1	1 20	20 20	0 38	0 30	1 52	31 32	13 30	3 33	4 8	28 29		n.a.
T 5	7 55	19 11	3 2	0 17	1 17	5 17	1 10	21 32	1 8	8 51	0 53	18 2	1 20	20 19	0 38	0 30	1 52	31 32	13 29	3 33	4 6	28 29		n.a.
W 6	7 32	23 19	3 51	0n34	1 29	4 46	1 8	21 22	1 8	8 56	0 53	18 3	1 20	20 18	0 38	0 29	1 52	31 32	13 29	3 34	4 5	28 30		n.a.
T 7	7 10	26 24	4 30	1 22	1 41	4 15	1 7	21 13	1 9	9 1	0 53	18 4	1 20	20 18	0 38	0 28	1 52	31 32	13 29	3 34	4 4	28 30		n.a.
F 8	6 47	28 18	4 57	2 9	1 52	3 44	1 5	21 3	1 9	9 5	0 53	18 5	1 20	20 17	0 38	0 27	1 52	31 33	13 29	3 34	4 3	28 31		n.a.
S 9	6 24	28 54	5 11	2 53	2 3	3 13	1 4	20 52	1 10	9 10	0 53	18 6	1 19	20 16	0 38	0 26	1 52	31 33	13 29	3 34	4 1	28 32		n.a.
S 10	6 1	28 9	5 12	3 34	2 14	2 41	1 2	20 42	1 10	9 14	0 53	18 8	1 19	20 16	0 38	0 25	1 52	31 33	13 29	3 33	4 0	28 32		n.a.
M11	5 38	26 5	5 0	4 13	2 23	2 10	1 1	20 31	1 11	9 19	0 52	18 9	1 19	20 15	0 38	0 24	1 52	31 33	13 28	3 31	3 59	28 33		n.a.
T 12	5 15	22 46	4 33	4 49	2 32	1 39	0 59	20 20	1 11	9 24	0 52	18 10	1 19	20 14	0 38	0 23	1 52	31 33	13 28	3 30	3 57	28 33		n.a.
W13	4 52	18 21	3 53	5 22	2 41	1 7	0 57	20 9	1 12	9 28	0 52	18 11	1 18	20 14	0 38	0 23	1 52	31 33	13 28	3 29	3 56	28 34		n.a.
T 14	4 29	13 3	3 0	5 51	2 48	0 36	0 55	19 58	1 12	9 33	0 52	18 13	1 18	20 13	0 38	0 22	1 52	31 33	13 28	3 27	3 55	28 34		n.a.
F 15	4 5	7 5	1 57	6 18	2 55	0 4	0 53	19 46	1 13	9 38	0 52	18 14	1 18	20 13	0 38	0 21	1 52	31 34	13 28	3 27	3 54	28 35		n.a.
S 16	3 42	0 40	0 47	6 41	3 0	0n27	0 52	19 35	1 13	9 43	0 52	18 15	1 18	20 12	0 38	0 20	1 52	31 34	13 27	3 26	3 52	28 35		n.a.
S 17	3 19	5n53	0n28	7 1	3 5	0 59	0 50	19 23	1 14	9 47	0 51	18 17	1 18	20 11	0 38	0 19	1 52	31 34	13 27	3 26	3 51	28 36		n.a.
M18	2 55	12 16	1 42	7 18	3 9	1 30	0 48	19 11	1 14	9 52	0 51	18 18	1 17	20 11	0 39	0 18	1 52	31 34	13 27	3 26	3 50	28 36		n.a.
T 19	2 32	18 7	2 51	7 30	3 11	2 1	0 46	18 59	1 15	9 57	0 51	18 19	1 17	20 10	0 39	0 17	1 52	31 34	13 27	3 27	3 49	28 37		n.a.
W20	2 8	23 4	3 51	7 40	3 12	2 33	0 44	18 46	1 15	10 2	0 51	18 21	1 17	20 10	0 39	0 16	1 52	31 34	13 26	3 27	3 47	28 37		n.a.
T 21	1 45	26 42	4 36	7 45	3 12	3 4	0 41	18 33	1 16	10 6	0 51	18 22	1 17	20 9	0 39	0 15	1 52	31 34	13 26	3 28	3 46	28 38		n.a.
F 22	1 22	28 40	5 6	7 48	3 11	3 35	0 39	18 21	1 16	10 11	0 51	18 23	1 17	20 9	0 39	0 14	1 52	31 34	13 26	3 28	3 45	28 38		n.a.
S 23	0 58	28 45	5 16	7 46	3 8	4 7	0 37	18 8	1 17	10 16	0 50	18 25	1 16	20 8	0 39	0 14	1 52	31 34	13 26	3 28	3 44	28 39		n.a.
S 24	0 35	26 56	5 7	7 41	3 4	4 38	0 35	17 54	1 17	10 21	0 50	18 26	1 16	20 7	0 39	0 13	1 52	31 34	13 25	3 27	3 42	28 39		n.a.
M25	0 11	23 26	4 40	7 33	2 58	5 9	0 33	17 41	1 18	10 26	0 50	18 28	1 16	20 7	0 39	0 12	1 52	31 34	13 25	3 27	3 41	28 40		n.a.
T 26	0n12	18 37	3 56	7 21	2 52	5 40	0 30	17 28	1 18	10 30	0 50	18 29	1 16	20 6	0 39	0 11	1 52	31 34	13 25	3 27	3 40	28 40		n.a.
W27	0 36	12 52	2 59	7 6	2 43	6 11	0 28	17 14	1 18	10 35	0 50	18 31	1 16	20 6	0 39	0 10	1 52	31 34	13 25	3 26	3 38	28 40		n.a.
T 28	0 59	6 36	1 52	6 48	2 34	6 41	0 26	17 0	1 19	10 40	0 50	18 32	1 15	20 5	0 39	0 9	1 52	31 34	13 24	3 26	3 37	28 41		n.a.
F 29	1 22	0 8	0 41	6 27	2 23	7 12	0 23	16 46	1 19	10 45	0 50	18 34	1 15	20 5	0 39	0 8	1 52	31 34	13 24	3 26	3 36	28 41		n.a.
S 30	1 46	6s12	0s32	6 4	2 11	7 42	0 21	16 32	1 20	10 50	0 49	18 35	1 15	20 4	0 39	0 7	1 52	31 34	13 24	3 26	3 35	28 42		n.a.
S 31	2n 9	12s10	1s41	5n39	1n58	8n12	0s19	16s18	1s20	10n55	0s49	18n37	1s15	20s 4	0s39	0s 6	1s52	31n34	13n24	3n26	3n33	28s42		n.a.

Julian Day Number = 1624325.5, Delta T = 03h45m39s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'27, Lahiri = - 7°37'26 Julian Calendar 1 March 266 BCE == Greg. Calendar 25 Feb. 266 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

APRIL 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 18 26	6♈19'18	9♏44	9°R 0	22♈45	20♒38	0♉25	27♉31	4♒15	4♈ 1	7°R18	8♈34	8♈49	26♐29	n.a.	M 1
T 2	12 22 22	7°17'20	22° 4	8♈23	23°59	21°24	0°38	27°37	4°17	4° 3	7♎17	8°34	8°46	26°35	n.a.	T 2
W 3	12 26 19	8°15'21	4♐12	7°45	25°12	22°10	0°52	27°43	4°19	4° 6	7°17	8°R34	8°43	26°42	n.a.	W 3
T 4	12 30 15	9°13'20	16°11	7° 6	26°26	22°55	1° 5	27°49	4°21	4° 8	7°16	8°34	8°39	26°49	n.a.	T 4
F 5	12 34 12	10°11'18	28° 5	6°28	27°39	23°41	1°19	27°56	4°23	4°10	7°16	8°34	8°36	26°55	n.a.	F 5
S 6	12 38 8	11° 9'14	9♑59	5°52	28°52	24°27	1°32	28° 2	4°25	4°12	7°15	8°D34	8°33	27° 2	n.a.	S 6
S 7	12 42 5	12° 7'09	21°56	5°17	0♉ 6	25°13	1°46	28° 8	4°26	4°15	7°15	8°34	8°30	27° 9	n.a.	S 7
M 8	12 46 2	13° 5'02	4♒ 3	4°44	1°19	25°58	1°59	28°14	4°28	4°17	7°14	8°34	8°27	27°16	n.a.	M 8
T 9	12 49 58	14° 2'54	16°21	4°14	2°33	26°44	2°13	28°21	4°30	4°19	7°14	8°35	8°24	27°22	n.a.	T 9
W10	12 53 55	15° 0'44	28°57	3°47	3°46	27°30	2°27	28°27	4°32	4°21	7°13	8°35	8°20	27°29	n.a.	W10
T 11	12 57 51	15°58'34	11♓52	3°24	4°59	28°15	2°40	28°34	4°33	4°24	7°13	8°36	8°17	27°36	n.a.	T 11
F 12	13 1 48	16°56'21	25° 8	3° 5	6°13	29° 1	2°54	28°40	4°35	4°26	7°13	8°36	8°14	27°42	n.a.	F 12
S 13	13 5 44	17°54'08	8♈45	2°51	7°26	29°46	3° 8	28°47	4°36	4°28	7°12	8°R37	8°11	27°49	n.a.	S 13
S 14	13 9 41	18°51'53	22°41	2°40	8°39	0♓32	3°21	28°53	4°38	4°30	7°12	8°36	8° 8	27°56	n.a.	S 14
M15	13 13 37	19°49'36	6♉53	2°34	9°52	1°17	3°35	29° 0	4°39	4°32	7°12	8°36	8° 4	28° 3	n.a.	M15
T 16	13 17 34	20°47'18	21°17	2°D33	11° 6	2° 3	3°49	29° 7	4°41	4°35	7°11	8°34	8° 1	28° 9	n.a.	T 16
W17	13 21 30	21°44'59	5♊47	2°36	12°19	2°48	4° 2	29°14	4°42	4°37	7°11	8°33	7°58	28°16	n.a.	W17
T 18	13 25 27	22°42'38	20°17	2°44	13°32	3°33	4°16	29°20	4°43	4°39	7°11	8°31	7°55	28°23	n.a.	T 18
F 19	13 29 24	23°40'15	4♋43	2°56	14°45	4°18	4°30	29°27	4°45	4°41	7°11	8°30	7°52	28°30	n.a.	F 19
S 20	13 33 20	24°37'51	19° 0	3°13	15°58	5° 4	4°44	29°34	4°46	4°43	7°11	8°D29	7°49	28°36	n.a.	S 20
S 21	13 37 17	25°35'25	3♌ 6	3°34	17°11	5°49	4°58	29°41	4°47	4°46	7°11	8°29	7°45	28°43	n.a.	S 21
M22	13 41 13	26°32'57	16°59	3°59	18°24	6°34	5°12	29°48	4°48	4°48	7°11	8°30	7°42	28°50	n.a.	M22
T 23	13 45 10	27°30'28	0♍39	4°29	19°37	7°19	5°25	29°55	4°49	4°50	7°D11	8°31	7°39	28°56	n.a.	T 23
W24	13 49 6	28°27'57	14° 5	5° 3	20°50	8° 4	5°39	0♊ 2	4°50	4°52	7°11	8°33	7°36	29° 3	n.a.	W24
T 25	13 53 3	29°25'25	27°18	5°40	22° 3	8°49	5°53	0° 9	4°51	4°54	7°11	8°34	7°33	29°10	n.a.	T 25
F 26	13 57 0	0♉22'51	10♎18	6°22	23°16	9°34	6° 7	0°17	4°52	4°56	7°11	8°R34	7°30	29°17	n.a.	F 26
S 27	14 0 56	1°20'16	23° 5	7° 7	24°29	10°18	6°21	0°24	4°53	4°58	7°11	8°33	7°26	29°23	n.a.	S 27
S 28	14 4 53	2°17'40	5♏39	7°56	25°42	11° 3	6°35	0°31	4°54	5° 0	7°11	8°32	7°23	29°30	n.a.	S 28
M29	14 8 49	3°15'04	18° 3	8°49	26°54	11°48	6°49	0°38	4°55	5° 2	7°11	8°29	7°20	29°37	n.a.	M29
T 30	14 12 46	4♉12'26	0♐15	9♈45	28♉ 7	12♓33	7♉ 3	0♊46	4♒55	5♈ 4	7♎11	8♈25	7♈17	29♐43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n32	17s30	2s44	5n12	1n44	8n42	0s16	16s 3	1s20	10n59	0s49	18n38	1s15	20s 4	0s39	0s 5	1s52	31n34	13n23	3n26	3n32	28s42		n.a.
T 2	2 56	22 1	3 38	4 43	1 29	9 12	0 14	15 49	1 21	11 4	0 49	18 40	1 15	20 3	0 39	0 4	1 52	31 34	13 23	3 26	3 31	28 43		n.a.
W 3	3 19	25 31	4 22	4 13	1 13	9 42	0 11	15 34	1 21	11 9	0 49	18 41	1 14	20 3	0 39	0 4	1 52	31 33	13 23	3 26	3 30	28 43		n.a.
T 4	3 42	27 52	4 53	3 43	0 57	10 11	0 9	15 19	1 21	11 14	0 49	18 43	1 14	20 2	0 39	0 3	1 52	31 33	13 22	3 26	3 28	28 44		n.a.
F 5	4 5	28 54	5 11	3 13	0 40	10 40	0 6	15 4	1 22	11 19	0 49	18 44	1 14	20 2	0 39	0 2	1 52	31 33	13 22	3 26	3 27	28 44		n.a.
S 6	4 28	28 37	5 17	2 42	0 23	11 9	0 4	14 49	1 22	11 24	0 48	18 46	1 14	20 1	0 39	0 1	1 52	31 33	13 22	3 26	3 26	28 44		n.a.
S 7	4 51	26 59	5 8	2 13	0 6	11 38	0 1	14 34	1 22	11 28	0 48	18 47	1 14	20 1	0 39	0n 0	1 52	31 33	13 22	3 26	3 25	28 45		n.a.
M 8	5 14	24 6	4 46	1 44	0s11	12 6	0n 1	14 19	1 23	11 33	0 48	18 49	1 13	20 1	0 39	0 1	1 52	31 33	13 21	3 26	3 23	28 45		n.a.
T 9	5 36	20 6	4 11	1 17	0 27	12 34	0 4	14 3	1 23	11 38	0 48	18 51	1 13	20 0	0 39	0 2	1 52	31 33	13 21	3 26	3 22	28 45		n.a.
W10	5 59	15 8	3 22	0 52	0 44	13 2	0 7	13 47	1 23	11 43	0 48	18 52	1 13	20 0	0 39	0 3	1 52	31 32	13 21	3 27	3 21	28 46		n.a.
T 11	6 22	9 23	2 23	0 28	0 59	13 29	0 9	13 32	1 24	11 48	0 48	18 54	1 13	19 59	0 39	0 4	1 52	31 32	13 20	3 27	3 19	28 46		n.a.
F 12	6 44	3 5	1 14	0 6	1 14	13 56	0 12	13 16	1 24	11 53	0 48	18 55	1 13	19 59	0 39	0 4	1 52	31 32	13 20	3 27	3 18	28 46		n.a.
S 13	7 6	3n31	0n 1	0s13	1 29	14 23	0 14	13 0	1 24	11 58	0 48	18 57	1 13	19 59	0 39	0 5	1 52	31 32	13 20	3 27	3 17	28 46		n.a.
S 14	7 29	10 7	1 17	0 30	1 43	14 50	0 17	12 44	1 24	12 2	0 48	18 59	1 12	19 58	0 39	0 6	1 52	31 31	13 19	3 27	3 16	28 47		n.a.
M15	7 51	16 20	2 30	0 44	1 55	15 16	0 20	12 28	1 25	12 7	0 47	19 0	1 12	19 58	0 39	0 7	1 52	31 31	13 19	3 27	3 14	28 47		n.a.
T 16	8 13	21 45	3 34	0 55	2 7	15 41	0 22	12 12	1 25	12 12	0 47	19 2	1 12	19 58	0 39	0 8	1 52	31 31	13 19	3 26	3 13	28 47		n.a.
W17	8 35	25 53	4 26	1 4	2 18	16 7	0 25	11 55	1 25	12 17	0 47	19 3	1 12	19 58	0 39	0 9	1 52	31 31	13 18	3 26	3 12	28 47		n.a.
T 18	8 56	28 21	5 0	1 10	2 29	16 32	0 27	11 39	1 26	12 22	0 47	19 5	1 12	19 57	0 40	0 10	1 52	31 30	13 18	3 25	3 11	28 48		n.a.
F 19	9 18	28 53	5 15	1 14	2 38	16 56	0 30	11 23	1 26	12 26	0 47	19 7	1 12	19 57	0 40	0 10	1 52	31 30	13 18	3 25	3 9	28 48		n.a.
S 20	9 39	27 29	5 10	1 15	2 46	17 20	0 32	11 6	1 26	12 31	0 47	19 8	1 12	19 57	0 40	0 11	1 52	31 30	13 17	3 24	3 8	28 48		n.a.
S 21	10 1	24 21	4 47	1 13	2 53	17 44	0 35	10 49	1 26	12 36	0 47	19 10	1 11	19 56	0 40	0 12	1 52	31 30	13 17	3 24	3 7	28 48		n.a.
M22	10 22	19 51	4 7	1 8	3 0	18 7	0 38	10 33	1 26	12 41	0 47	19 12	1 11	19 56	0 40	0 13	1 52	31 29	13 17	3 25	3 6	28 49		n.a.
T 23	10 43	14 23	3 14	1 1	3 5	18 30	0 40	10 16	1 27	12 45	0 47	19 13	1 11	19 56	0 40	0 14	1 52	31 29	13 16	3 25	3 4	28 49		n.a.
W24	11 4	8 20	2 11	0 52	3 10	18 52	0 43	9 59	1 27	12 50	0 46	19 15	1 11	19 56	0 40	0 15	1 52	31 29	13 16	3 26	3 3	28 49		n.a.
T 25	11 24	2 2	1 2	0 40	3 13	19 14	0 45	9 42	1 27	12 55	0 46	19 17	1 11	19 56	0 40	0 15	1 52	31 28	13 16	3 26	3 2	28 49		n.a.
F 26	11 45	4s16	0s 9	0 26	3 16	19 35	0 48	9 25	1 27	13 0	0 46	19 18	1 11	19 55	0 40	0 16	1 52	31 28	13 15	3 26	3 0	28 49		n.a.
S 27	12 5	10 18	1 19	0 10	3 18	19 56	0 50	9 8	1 27	13 4	0 46	19 20	1 11	19 55	0 40	0 17	1 52	31 28	13 15	3 26	2 59	28 49		n.a.
S 28	12 25	15 49	2 23	0n 9	3 19	20 16	0 52	8 51	1 27	13 9	0 46	19 22	1 10	19 55	0 40	0 18	1 52	31 27	13 15	3 25	2 58	28 50		n.a.
M29	12 45	20 36	3 20	0 29	3 20	20 36	0 55	8 34	1 28	13 14	0 46	19 23	1 10	19 55	0 40	0 19	1 52	31 27	13 14	3 24	2 57	28 50		n.a.
T 30	13n 5	24s28	4s 6	0n52	3s19	20n55	0n57	8s17	1s28	13n19	0s46	19n25	1s10	19s55	0s40	0n19	1s52	31n27	13n14	3n22	2n55	28s50		n.a.

Julian Day Number = 1624356.5, Delta T = 03h45m38s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'22, Lahiri = - 7°37'22 Julian Calendar 1 Apr. 266 BCE == Greg. Calendar 28 March 266 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

MAY 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 16 42	5♉ 9'47	12♐19	10♈44	29♉20	13♓17	7♉17	0♊53	4♒56	5♈ 6	7♌12	8°R20	7♈14	29♐50	n.a.	W 1
T 2	14 20 39	6° 7'07	24°17	11°47	0♊33	14° 2	7°31	1° 0	4°57	5° 8	7°12	8♈16	7°10	29°57	n.a.	T 2
F 3	14 24 35	7° 4'27	6♑10	12°53	1°45	14°46	7°44	1° 8	4°57	5°10	7°12	8°12	7° 7	0♑ 4	n.a.	F 3
S 4	14 28 32	8° 1'46	18° 3	14° 2	2°58	15°31	7°58	1°15	4°58	5°12	7°13	8° 9	7° 4	0°10	n.a.	S 4
S 5	14 32 29	8°59'04	29°59	15°14	4°11	16°15	8°12	1°23	4°58	5°14	7°13	8° 7	7° 1	0°17	n.a.	S 5
M 6	14 36 25	9°56'22	12♒ 4	16°29	5°23	17° 0	8°26	1°30	4°59	5°16	7°13	8°D 7	6°58	0°24	n.a.	M 6
T 7	14 40 22	10°53'39	24°21	17°48	6°36	17°44	8°40	1°38	4°59	5°18	7°14	8° 8	6°55	0°31	n.a.	T 7
W 8	14 44 18	11°50'56	6♓55	19° 9	7°48	18°28	8°54	1°45	4°59	5°20	7°14	8° 9	6°51	0°37	n.a.	W 8
T 9	14 48 15	12°48'12	19°51	20°33	9° 1	19°13	9° 8	1°53	5° 0	5°22	7°15	8°11	6°48	0°44	n.a.	T 9
F 10	14 52 11	13°45'27	3♈11	21°59	10°13	19°57	9°22	2° 1	5° 0	5°24	7°15	8°R12	6°45	0°51	n.a.	F 10
S 11	14 56 8	14°42'42	16°57	23°29	11°26	20°41	9°36	2° 8	5° 0	5°26	7°16	8°11	6°42	0°57	n.a.	S 11
S 12	15 0 4	15°39'56	1♉ 8	25° 1	12°38	21°25	9°49	2°16	5° 0	5°27	7°16	8°10	6°39	1° 4	n.a.	S 12
M13	15 4 1	16°37'10	15°40	26°37	13°51	22° 9	10° 3	2°23	5° 0	5°29	7°17	8° 6	6°35	1°11	n.a.	M13
T 14	15 7 58	17°34'24	0♊28	28°15	15° 3	22°53	10°17	2°31	5° 1	5°31	7°17	8° 1	6°32	1°18	n.a.	T 14
W15	15 11 54	18°31'36	15°24	29°56	16°15	23°36	10°31	2°39	5°R 1	5°33	7°18	7°55	6°29	1°24	n.a.	W15
T 16	15 15 51	19°28'48	0♋19	1♉39	17°28	24°20	10°45	2°47	5° 1	5°35	7°19	7°49	6°26	1°31	n.a.	T 16
F 17	15 19 47	20°26'00	15° 4	3°25	18°40	25° 4	10°59	2°54	5° 0	5°36	7°19	7°44	6°23	1°38	n.a.	F 17
S 18	15 23 44	21°23'10	29°34	5°14	19°52	25°47	11°12	3° 2	5° 0	5°38	7°20	7°41	6°20	1°45	n.a.	S 18
S 19	15 27 40	22°20'20	13♌45	7° 6	21° 4	26°31	11°26	3°10	5° 0	5°40	7°21	7°39	6°16	1°51	n.a.	S 19
M20	15 31 37	23°17'29	27°35	9° 0	22°16	27°14	11°40	3°18	5° 0	5°41	7°22	7°D39	6°13	1°58	n.a.	M20
T 21	15 35 33	24°14'37	11♍ 4	10°56	23°28	27°58	11°54	3°26	5° 0	5°43	7°23	7°39	6°10	2° 5	n.a.	T 21
W22	15 39 30	25°11'45	24°15	12°55	24°41	28°41	12° 7	3°33	4°59	5°45	7°23	7°41	6° 7	2°11	n.a.	W22
T 23	15 43 27	26° 8'52	7♎ 9	14°56	25°53	29°24	12°21	3°41	4°59	5°46	7°24	7°R41	6° 4	2°18	n.a.	T 23
F 24	15 47 23	27° 5'59	19°49	16°59	27° 5	0♈ 7	12°35	3°49	4°58	5°48	7°25	7°41	6° 1	2°25	n.a.	F 24
S 25	15 51 20	28° 3'05	2♏18	19° 4	28°16	0°50	12°48	3°57	4°58	5°49	7°26	7°38	5°57	2°32	n.a.	S 25
S 26	15 55 16	29° 0'10	14°37	21°10	29°28	1°34	13° 2	4° 5	4°57	5°51	7°27	7°33	5°54	2°38	n.a.	S 26
M27	15 59 13	29°57'16	26°48	23°18	0♋40	2°16	13°16	4°13	4°57	5°52	7°28	7°26	5°51	2°45	n.a.	M27
T 28	16 3 9	0♊54'22	8♐53	25°27	1°52	2°59	13°29	4°20	4°56	5°54	7°29	7°17	5°48	2°52	n.a.	T 28
W29	16 7 6	1°51'27	20°51	27°36	3° 4	3°42	13°43	4°28	4°56	5°55	7°30	7° 7	5°45	2°58	n.a.	W29
T 30	16 11 3	2°48'32	2♑45	29°47	4°15	4°25	13°56	4°36	4°55	5°57	7°31	6°56	5°41	3° 5	n.a.	T 30
F 31	16 14 59	3♊45'38	14♑38	1♊57	5♋27	5♈ 7	14♉10	4♊44	4♒54	5♈58	7♌32	6♈47	5♈38	3♑12	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	13n24	27s11	4s41	1n16	3s18	21n13	1n 0	8s 0	1s28	13n23	0s46	19n27	1s10	19s55	0s40	0n20	1s52	31n26	13n14	3n21	2n54	28s50			n.a.
T 2	13 43	28 39	5 3	1 43	3 16	21 31	1 2	7 42	1 28	13 28	0 46	19 28	1 10	19 55	0 40	0 21	1 52	31 26	13 13	3 19	2 53	28 50			n.a.
F 3	14 2	28 47	5 12	2 11	3 13	21 49	1 4	7 25	1 28	13 32	0 46	19 30	1 10	19 54	0 40	0 22	1 52	31 25	13 13	3 17	2 52	28 50			n.a.
S 4	14 21	27 35	5 8	2 41	3 10	22 5	1 6	7 8	1 28	13 37	0 46	19 32	1 10	19 54	0 40	0 23	1 52	31 25	13 13	3 16	2 50	28 50			n.a.
S 5	14 40	25 7	4 50	3 13	3 6	22 22	1 9	6 50	1 28	13 42	0 45	19 33	1 9	19 54	0 40	0 23	1 52	31 25	13 12	3 16	2 49	28 50			n.a.
M 6	14 58	21 32	4 19	3 47	3 1	22 37	1 11	6 33	1 28	13 46	0 45	19 35	1 9	19 54	0 40	0 24	1 53	31 24	13 12	3 15	2 48	28 50			n.a.
T 7	15 16	16 58	3 36	4 22	2 56	22 52	1 13	6 16	1 28	13 51	0 45	19 36	1 9	19 54	0 40	0 25	1 53	31 24	13 12	3 16	2 46	28 51			n.a.
W 8	15 34	11 35	2 42	4 58	2 50	23 7	1 15	5 58	1 29	13 55	0 45	19 38	1 9	19 54	0 40	0 25	1 53	31 23	13 11	3 16	2 45	28 51			n.a.
T 9	15 52	5 34	1 38	5 36	2 43	23 20	1 17	5 41	1 29	14 0	0 45	19 40	1 9	19 54	0 40	0 26	1 53	31 23	13 11	3 17	2 44	28 51			n.a.
F 10	16 10	0n52	0 27	6 15	2 36	23 33	1 19	5 23	1 29	14 5	0 45	19 41	1 9	19 54	0 40	0 27	1 53	31 22	13 11	3 17	2 43	28 51			n.a.
S 11	16 27	7 28	0n47	6 56	2 29	23 46	1 21	5 6	1 29	14 9	0 45	19 43	1 9	19 54	0 40	0 28	1 53	31 22	13 10	3 17	2 41	28 51			n.a.
S 12	16 44	13 54	2 1	7 37	2 21	23 57	1 23	4 48	1 29	14 14	0 45	19 45	1 9	19 54	0 40	0 28	1 53	31 21	13 10	3 16	2 40	28 51			n.a.
M13	17 0	19 45	3 9	8 20	2 12	24 8	1 25	4 31	1 29	14 18	0 45	19 46	1 9	19 54	0 40	0 29	1 53	31 21	13 10	3 15	2 39	28 51			n.a.
T 14	17 17	24 30	4 6	9 4	2 3	24 19	1 27	4 13	1 29	14 22	0 45	19 48	1 8	19 54	0 40	0 30	1 53	31 20	13 9	3 13	2 38	28 51			n.a.
W15	17 33	27 39	4 46	9 49	1 54	24 28	1 28	3 55	1 29	14 27	0 45	19 50	1 8	19 54	0 41	0 30	1 53	31 20	13 9	3 11	2 36	28 51			n.a.
T 16	17 49	28 50	5 6	10 34	1 44	24 37	1 30	3 38	1 29	14 31	0 45	19 51	1 8	19 54	0 41	0 31	1 53	31 19	13 9	3 8	2 35	28 51			n.a.
F 17	18 4	27 56	5 6	11 21	1 34	24 46	1 32	3 20	1 29	14 36	0 45	19 53	1 8	19 54	0 41	0 32	1 53	31 19	13 8	3 6	2 34	28 51			n.a.
S 18	18 20	25 9	4 47	12 7	1 23	24 53	1 33	3 3	1 29	14 40	0 45	19 54	1 8	19 54	0 41	0 32	1 53	31 18	13 8	3 5	2 33	28 51			n.a.
S 19	18 35	20 53	4 10	12 55	1 12	25 0	1 35	2 45	1 29	14 45	0 44	19 56	1 8	19 54	0 41	0 33	1 53	31 18	13 8	3 4	2 31	28 51			n.a.
M20	18 49	15 34	3 19	13 42	1 1	25 6	1 36	2 28	1 29	14 49	0 44	19 58	1 8	19 54	0 41	0 34	1 53	31 17	13 7	3 4	2 30	28 51			n.a.
T 21	19 4	9 38	2 19	14 30	0 50	25 12	1 38	2 10	1 29	14 53	0 44	19 59	1 8	19 54	0 41	0 34	1 53	31 17	13 7	3 4	2 29	28 51			n.a.
W22	19 18	3 25	1 12	15 17	0 39	25 16	1 39	1 53	1 29	14 57	0 44	20 1	1 8	19 55	0 41	0 35	1 53	31 16	13 7	3 5	2 27	28 51			n.a.
T 23	19 31	2s50	0 3	16 4	0 28	25 20	1 40	1 35	1 29	15 2	0 44	20 2	1 8	19 55	0 41	0 35	1 53	31 16	13 6	3 5	2 26	28 51			n.a.
F 24	19 45	8 51	1s 5	16 51	0 17	25 23	1 41	1 18	1 28	15 6	0 44	20 4	1 7	19 55	0 41	0 36	1 53	31 15	13 6	3 5	2 25	28 51			n.a.
S 25	19 58	14 25	2 8	17 36	0 6	25 26	1 43	1 1	1 28	15 10	0 44	20 6	1 7	19 55	0 41	0 37	1 53	31 15	13 6	3 4	2 24	28 50			n.a.
S 26	20 11	19 22	3 5	18 21	0n 5	25 27	1 44	0 43	1 28	15 14	0 44	20 7	1 7	19 55	0 41	0 37	1 53	31 14	13 6	3 2	2 22	28 50			n.a.
M27	20 23	23 26	3 52	19 5	0 16	25 28	1 45	0 26	1 28	15 19	0 44	20 9	1 7	19 55	0 41	0 38	1 53	31 14	13 5	2 59	2 21	28 50			n.a.
T 28	20 35	26 28	4 28	19 47	0 26	25 29	1 46	0 8	1 28	15 23	0 44	20 10	1 7	19 56	0 41	0 38	1 54	31 13	13 5	2 55	2 20	28 50			n.a.
W29	20 47	28 16	4 52	20 27	0 37	25 28	1 46	0n 9	1 28	15 27	0 44	20 12	1 7	19 56	0 41	0 39	1 54	31 12	13 5	2 51	2 19	28 50			n.a.
T 30	20 58	28 46	5 4	21 6	0 46	25 27	1 47	0 26	1 28	15 31	0 44	20 13	1 7	19 56	0 41	0 39	1 54	31 12	13 4	2 47	2 17	28 50			n.a.
F 31	21n10	27s55	5s 2	21n42	0n55	25n25	1n48	0n43	1s28	15n35	0s44	20n15	1s 7	19s56	0s41	0n40	1s54	31n11	13n 4	2n43	2n16	28s50			n.a.

Julian Day Number = 1624386.5, Delta T = 03h45m37s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'18, Lahiri = - 7°37'18 Julian Calendar 1 May 266 BCE == Greg. Calendar 27 Apr. 266 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

JUNE 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 18 56	4♊42'44	26♉30	4♊ 8	6♋39	5♈50	14♉23	4♊52	4°R53	6♈ 0	7♎33	6°R39	5♈35	3♉19	n.a.	S 1
S 2	16 22 52	5°39'49	8♒26	6°18	7°50	6°33	14°36	5° 0	4♒53	6° 1	7°35	6♈33	5°32	3°25	n.a.	S 2
M 3	16 26 49	6°36'56	20°29	8°28	9° 2	7°15	14°50	5° 8	4°52	6° 2	7°36	6°30	5°29	3°32	n.a.	M 3
T 4	16 30 45	7°34'02	2♓44	10°37	10°13	7°57	15° 3	5°16	4°51	6° 4	7°37	6°D28	5°26	3°39	n.a.	T 4
W 5	16 34 42	8°31'09	15°15	12°45	11°25	8°39	15°16	5°23	4°50	6° 5	7°38	6°28	5°22	3°46	n.a.	W 5
T 6	16 38 38	9°28'16	28° 7	14°52	12°36	9°22	15°30	5°31	4°49	6° 6	7°39	6°29	5°19	3°52	n.a.	T 6
F 7	16 42 35	10°25'23	11♈24	16°57	13°48	10° 4	15°43	5°39	4°48	6° 7	7°41	6°R29	5°16	3°59	n.a.	F 7
S 8	16 46 32	11°22'32	25° 9	19° 2	14°59	10°46	15°56	5°47	4°47	6° 8	7°42	6°28	5°13	4° 6	n.a.	S 8
S 9	16 50 28	12°19'40	9♉23	21° 4	16°10	11°28	16° 9	5°55	4°46	6°10	7°43	6°24	5°10	4°12	n.a.	S 9
M10	16 54 25	13°16'49	24° 3	23° 5	17°21	12° 9	16°22	6° 3	4°44	6°11	7°45	6°18	5° 7	4°19	n.a.	M10
T 11	16 58 21	14°13'59	9♊ 4	25° 5	18°33	12°51	16°35	6°10	4°43	6°12	7°46	6°10	5° 3	4°26	n.a.	T 11
W12	17 2 18	15°11'09	24°16	27° 2	19°44	13°33	16°48	6°18	4°42	6°13	7°47	6° 0	5° 0	4°33	n.a.	W12
T 13	17 6 14	16° 8'20	9♋30	28°58	20°55	14°14	17° 1	6°26	4°41	6°14	7°49	5°51	4°57	4°39	n.a.	T 13
F 14	17 10 11	17° 5'30	24°34	0♋52	22° 6	14°56	17°14	6°34	4°39	6°15	7°50	5°42	4°54	4°46	n.a.	F 14
S 15	17 14 8	18° 2'41	9♌20	2°44	23°17	15°37	17°27	6°42	4°38	6°16	7°52	5°35	4°51	4°53	n.a.	S 15
S 16	17 18 4	18°59'52	23°41	4°35	24°28	16°18	17°40	6°49	4°36	6°17	7°53	5°31	4°48	5° 0	n.a.	S 16
M17	17 22 1	19°57'04	7♍36	6°23	25°39	16°59	17°53	6°57	4°35	6°18	7°55	5°28	4°44	5° 6	n.a.	M17
T 18	17 25 57	20°54'15	21° 4	8°10	26°50	17°40	18° 5	7° 5	4°33	6°19	7°56	5°D28	4°41	5°13	n.a.	T 18
W19	17 29 54	21°51'27	4♎10	9°55	28° 0	18°21	18°18	7°13	4°32	6°20	7°58	5°R28	4°38	5°20	n.a.	W19
T 20	17 33 50	22°48'39	16°55	11°38	29°11	19° 2	18°30	7°20	4°30	6°20	7°59	5°28	4°35	5°26	n.a.	T 20
F 21	17 37 47	23°45'52	29°24	13°19	0♌22	19°43	18°43	7°28	4°29	6°21	8° 1	5°26	4°32	5°33	n.a.	F 21
S 22	17 41 43	24°43'05	11♏41	14°58	1°32	20°24	18°55	7°36	4°27	6°22	8° 2	5°21	4°28	5°40	n.a.	S 22
S 23	17 45 40	25°40'18	23°49	16°35	2°43	21° 4	19° 8	7°43	4°25	6°23	8° 4	5°14	4°25	5°47	n.a.	S 23
M24	17 49 37	26°37'32	5♐51	18°11	3°53	21°44	19°20	7°51	4°24	6°23	8° 6	5° 4	4°22	5°53	n.a.	M24
T 25	17 53 33	27°34'47	17°48	19°45	5° 3	22°25	19°32	7°59	4°22	6°24	8° 7	4°52	4°19	6° 0	n.a.	T 25
W26	17 57 30	28°32'03	29°42	21°17	6°14	23° 5	19°45	8° 6	4°20	6°25	8° 9	4°38	4°16	6° 7	n.a.	W26
T 27	18 1 26	29°29'20	11♑34	22°47	7°24	23°45	19°57	8°14	4°18	6°25	8°11	4°25	4°13	6°14	n.a.	T 27
F 28	18 5 23	0♋26'37	23°27	24°15	8°34	24°25	20° 9	8°21	4°17	6°26	8°12	4°12	4° 9	6°20	n.a.	F 28
S 29	18 9 19	1°23'55	5♒22	25°42	9°44	25° 5	20°21	8°29	4°15	6°26	8°14	4° 1	4° 6	6°27	n.a.	S 29
S 30	18 13 16	2♋21'15	17♒20	27♋ 6	10♌54	25♈45	20♉33	8♊36	4♒13	6♈27	8♌16	3♈52	4♈ 3	6♉34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n20	25s48	4s47	22n16	1n 4	25n22	1n49	1n 1	1s27	15n39	0s44	20n16	1s 7	19s56	0s41	0n40	1s54	31n11	13n 4	2n40	2n15	28s50		n.a.	
S 2	21 31	22 32	4 19	22 48	1 12	25 19	1 49	1 18	1 27	15 43	0 44	20 18	1 7	19 57	0 41	0 41	1 54	31 10	13 4	2 38	2 13	28 49		n.a.	
M 3	21 41	18 18	3 40	23 17	1 19	25 14	1 50	1 35	1 27	15 47	0 44	20 19	1 7	19 57	0 41	0 41	1 54	31 9	13 3	2 37	2 12	28 49		n.a.	
T 4	21 50	13 16	2 50	23 43	1 26	25 9	1 50	1 52	1 27	15 51	0 44	20 21	1 6	19 57	0 41	0 42	1 54	31 9	13 3	2 36	2 11	28 49		n.a.	
W 5	21 59	7 35	1 51	24 7	1 32	25 4	1 50	2 9	1 27	15 55	0 44	20 22	1 6	19 57	0 41	0 42	1 54	31 8	13 3	2 36	2 10	28 49		n.a.	
T 6	22 8	1 26	0 45	24 28	1 37	24 57	1 51	2 26	1 27	15 59	0 43	20 24	1 6	19 58	0 41	0 43	1 54	31 8	13 2	2 36	2 8	28 49		n.a.	
F 7	22 17	4n58	0n26	24 46	1 42	24 50	1 51	2 43	1 26	16 3	0 43	20 25	1 6	19 58	0 41	0 43	1 54	31 7	13 2	2 36	2 7	28 49		n.a.	
S 8	22 25	11 21	1 38	25 1	1 45	24 43	1 51	2 59	1 26	16 7	0 43	20 27	1 6	19 58	0 41	0 43	1 54	31 6	13 2	2 36	2 6	28 48		n.a.	
S 9	22 33	17 24	2 45	25 14	1 49	24 34	1 51	3 16	1 26	16 11	0 43	20 28	1 6	19 59	0 41	0 44	1 54	31 6	13 2	2 34	2 4	28 48		n.a.	
M10	22 40	22 38	3 44	25 24	1 51	24 25	1 51	3 33	1 26	16 15	0 43	20 30	1 6	19 59	0 41	0 44	1 54	31 5	13 1	2 32	2 3	28 48		n.a.	
T 11	22 47	26 30	4 29	25 31	1 53	24 15	1 50	3 50	1 25	16 18	0 43	20 31	1 6	19 59	0 42	0 45	1 54	31 5	13 1	2 29	2 2	28 48		n.a.	
W12	22 54	28 32	4 56	25 36	1 54	24 4	1 50	4 6	1 25	16 22	0 43	20 32	1 6	20 0	0 42	0 45	1 54	31 4	13 1	2 25	2 1	28 48		n.a.	
T 13	23 0	28 24	5 1	25 38	1 54	23 53	1 50	4 23	1 25	16 26	0 43	20 34	1 6	20 0	0 42	0 45	1 54	31 3	13 1	2 21	1 59	28 47		n.a.	
F 14	23 6	26 9	4 46	25 38	1 54	23 41	1 49	4 39	1 25	16 30	0 43	20 35	1 6	20 0	0 42	0 46	1 55	31 3	13 0	2 17	1 58	28 47		n.a.	
S 15	23 11	22 10	4 12	25 35	1 53	23 29	1 49	4 55	1 24	16 33	0 43	20 37	1 6	20 1	0 42	0 46	1 55	31 2	13 0	2 15	1 57	28 47		n.a.	
S 16	23 16	16 58	3 22	25 31	1 52	23 16	1 48	5 12	1 24	16 37	0 43	20 38	1 6	20 1	0 42	0 46	1 55	31 1	13 0	2 13	1 56	28 47		n.a.	
M17	23 21	11 1	2 22	25 24	1 50	23 2	1 47	5 28	1 24	16 41	0 43	20 39	1 6	20 1	0 42	0 47	1 55	31 1	13 0	2 12	1 54	28 46		n.a.	
T 18	23 25	4 44	1 16	25 16	1 47	22 47	1 47	5 44	1 23	16 44	0 43	20 41	1 6	20 2	0 42	0 47	1 55	31 0	13 0	2 12	1 53	28 46		n.a.	
W19	23 29	1s34	0 7	25 5	1 44	22 32	1 46	6 0	1 23	16 48	0 43	20 42	1 6	20 2	0 42	0 47	1 55	30 59	12 59	2 12	1 52	28 46		n.a.	
T 20	23 32	7 39	1s 0	24 53	1 40	22 17	1 45	6 16	1 23	16 51	0 43	20 43	1 5	20 3	0 42	0 47	1 55	30 59	12 59	2 12	1 50	28 45		n.a.	
F 21	23 35	13 19	2 3	24 39	1 36	22 0	1 44	6 32	1 22	16 55	0 43	20 45	1 5	20 3	0 42	0 48	1 55	30 58	12 59	2 11	1 49	28 45		n.a.	
S 22	23 37	18 21	2 59	24 24	1 32	21 43	1 42	6 48	1 22	16 58	0 43	20 46	1 5	20 3	0 42	0 48	1 55	30 58	12 59	2 9	1 48	28 45		n.a.	
S 23	23 39	22 36	3 46	24 7	1 26	21 26	1 41	7 3	1 22	17 2	0 43	20 47	1 5	20 4	0 42	0 48	1 55	30 57	12 58	2 6	1 47	28 44		n.a.	
M24	23 41	25 50	4 22	23 49	1 21	21 8	1 40	7 19	1 21	17 5	0 43	20 49	1 5	20 4	0 42	0 48	1 55	30 56	12 58	2 2	1 45	28 44		n.a.	
T 25	23 42	27 55	4 46	23 29	1 15	20 49	1 38	7 34	1 21	17 9	0 43	20 50	1 5	20 5	0 42	0 49	1 55	30 56	12 58	1 57	1 44	28 44		n.a.	
W26	23 43	28 42	4 58	23 9	1 8	20 30	1 37	7 50	1 21	17 12	0 43	20 51	1 5	20 5	0 42	0 49	1 55	30 55	12 58	1 52	1 43	28 43		n.a.	
T 27	23 44	28 9	4 57	22 47	1 1	20 11	1 35	8 5	1 20	17 15	0 43	20 52	1 5	20 6	0 42	0 49	1 55	30 54	12 58	1 46	1 42	28 43		n.a.	
F 28	23 44	26 19	4 43	22 25	0 54	19 50	1 33	8 20	1 20	17 19	0 43	20 54	1 5	20 6	0 42	0 49	1 55	30 54	12 58	1 41	1 40	28 43		n.a.	
S 29	23 43	23 18	4 17	22 1	0 46	19 30	1 32	8 36	1 19	17 22	0 43	20 55	1 5	20 7	0 42	0 49	1 56	30 53	12 57	1 37	1 39	28 42		n.a.	
S 30	23n42	19s17	3s39	21n37	0n38	19n 9	1n30	8n51	1s19	17n25	0s43	20n56	1s 5	20s 7	0s42	0n50	1s56	30n52	12n57	1n33	1n38	28s42		n.a.	

Julian Day Number = 1624417.5, Delta T = 03h45m36s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'14, Lahiri = - 7°37'14 Julian Calendar 1 June 266 BCE == Greg. Calendar 28 May 266 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

JULY 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 17 12	3♋18'36	29♒25	28♋29	12♌ 4	26♈25	20♉45	8♊43	4°R11	6♈27	8♌18	3°R47	4♈ 0	6♉40	n.a.	M 1
T 2	18 21 9	4°15'57	11♓40	29°49	13°14	27° 4	20°57	8°51	4♒ 9	6°28	8°19	3♈43	3°57	6°47	n.a.	T 2
W 3	18 25 6	5°13'20	24°10	1♌ 8	14°24	27°44	21° 8	8°58	4° 7	6°28	8°21	3°42	3°53	6°54	n.a.	W 3
T 4	18 29 2	6°10'45	6♈59	2°24	15°33	28°23	21°20	9° 6	4° 5	6°29	8°23	3°42	3°50	7° 1	n.a.	T 4
F 5	18 32 59	7° 8'10	20°11	3°38	16°43	29° 2	21°32	9°13	4° 3	6°29	8°25	3°42	3°47	7° 7	n.a.	F 5
S 6	18 36 55	8° 5'38	3♉49	4°51	17°52	29°41	21°43	9°20	4° 1	6°29	8°27	3°40	3°44	7°14	n.a.	S 6
S 7	18 40 52	9° 3'06	17°56	6° 1	19° 2	0♉20	21°55	9°27	3°59	6°30	8°29	3°36	3°41	7°21	n.a.	S 7
M 8	18 44 48	10° 0'36	2♊31	7° 8	20°11	0°59	22° 6	9°35	3°57	6°30	8°30	3°30	3°38	7°28	n.a.	M 8
T 9	18 48 45	10°58'08	17°30	8°13	21°20	1°38	22°17	9°42	3°54	6°30	8°32	3°21	3°34	7°34	n.a.	T 9
W10	18 52 41	11°55'41	2♋44	9°16	22°30	2°16	22°28	9°49	3°52	6°30	8°34	3°11	3°31	7°41	n.a.	W10
T 11	18 56 38	12°53'15	18° 3	10°16	23°39	2°55	22°39	9°56	3°50	6°30	8°36	3° 0	3°28	7°48	n.a.	T 11
F 12	19 0 35	13°50'51	3♌16	11°13	24°48	3°33	22°50	10° 3	3°48	6°31	8°38	2°50	3°25	7°54	n.a.	F 12
S 13	19 4 31	14°48'27	18°12	12° 7	25°57	4°11	23° 1	10°10	3°46	6°31	8°40	2°43	3°22	8° 1	n.a.	S 13
S 14	19 8 28	15°46'05	2♍44	12°59	27° 6	4°49	23°12	10°17	3°43	6°31	8°42	2°37	3°19	8° 8	n.a.	S 14
M15	19 12 24	16°43'44	16°47	13°47	28°14	5°27	23°23	10°24	3°41	6°R31	8°44	2°35	3°15	8°15	n.a.	M15
T 16	19 16 21	17°41'24	0♎21	14°31	29°23	6° 5	23°34	10°31	3°39	6°31	8°46	2°D34	3°12	8°21	n.a.	T 16
W17	19 20 17	18°39'05	13°29	15°12	0♍31	6°43	23°44	10°37	3°37	6°31	8°48	2°R34	3° 9	8°28	n.a.	W17
T 18	19 24 14	19°36'47	26°14	15°49	1°40	7°20	23°55	10°44	3°34	6°31	8°50	2°34	3° 6	8°35	n.a.	T 18
F 19	19 28 10	20°34'31	8♏40	16°23	2°48	7°58	24° 5	10°51	3°32	6°30	8°52	2°33	3° 3	8°41	n.a.	F 19
S 20	19 32 7	21°32'15	20°52	16°52	3°56	8°35	24°15	10°57	3°30	6°30	8°54	2°29	2°59	8°48	n.a.	S 20
S 21	19 36 4	22°30'01	2♐54	17°16	5° 4	9°12	24°25	11° 4	3°27	6°30	8°56	2°23	2°56	8°55	n.a.	S 21
M22	19 40 0	23°27'49	14°50	17°36	6°12	9°49	24°35	11°11	3°25	6°30	8°58	2°14	2°53	9° 2	n.a.	M22
T 23	19 43 57	24°25'38	26°44	17°51	7°20	10°26	24°45	11°17	3°23	6°30	9° 0	2° 3	2°50	9° 8	n.a.	T 23
W24	19 47 53	25°23'28	8♑36	18° 1	8°28	11° 2	24°55	11°23	3°20	6°29	9° 2	1°51	2°47	9°15	n.a.	W24
T 25	19 51 50	26°21'20	20°30	18°R 5	9°35	11°39	25° 5	11°30	3°18	6°29	9° 4	1°39	2°44	9°22	n.a.	T 25
F 26	19 55 46	27°19'13	2♒26	18° 4	10°43	12°15	25°14	11°36	3°16	6°29	9° 6	1°27	2°40	9°29	n.a.	F 26
S 27	19 59 43	28°17'08	14°26	17°57	11°50	12°51	25°24	11°42	3°13	6°28	9° 8	1°18	2°37	9°35	n.a.	S 27
S 28	20 3 40	29°15'05	26°32	17°43	12°57	13°27	25°33	11°49	3°11	6°28	9°10	1°10	2°34	9°42	n.a.	S 28
M29	20 7 36	0♌13'04	8♓45	17°24	14° 4	14° 3	25°43	11°55	3° 8	6°28	9°12	1° 5	2°31	9°49	n.a.	M29
T 30	20 11 33	1°11'04	21° 7	16°59	15°11	14°39	25°52	12° 1	3° 6	6°27	9°14	1° 3	2°28	9°55	n.a.	T 30
W31	20 15 29	2♌ 9'07	3♈43	16♌28	16♍18	15♉14	26♉ 1	12♊ 7	3♒ 4	6♈27	9♌16	1°D 2	2♈25	10♑ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n41	14s28	2s50	21n12	0n30	18n47	1n28	9n 6	1s19	17n28	0s43	20n57	1s 5	20s 8	0s42	0n50	1s56	30n52	12n57	1n31	1n36	28s42			n.a.
T 2	23 40	9 1	1 54	20 47	0 21	18 25	1 26	9 20	1 18	17 31	0 43	20 58	1 5	20 8	0 42	0 50	1 56	30 51	12 57	1 30	1 35	28 41			n.a.
W 3	23 38	3 7	0 50	20 21	0 12	18 2	1 23	9 35	1 18	17 34	0 43	21 0	1 5	20 9	0 42	0 50	1 56	30 50	12 57	1 29	1 34	28 41			n.a.
T 4	23 35	3n 4	0n17	19 55	0 3	17 39	1 21	9 50	1 17	17 38	0 43	21 1	1 5	20 9	0 42	0 50	1 56	30 50	12 57	1 29	1 33	28 40			n.a.
F 5	23 32	9 18	1 26	19 28	0s 6	17 16	1 19	10 4	1 17	17 41	0 43	21 2	1 5	20 10	0 42	0 50	1 56	30 49	12 56	1 29	1 31	28 40			n.a.
S 6	23 29	15 19	2 32	19 1	0 16	16 52	1 16	10 19	1 16	17 44	0 43	21 3	1 5	20 10	0 42	0 50	1 56	30 48	12 56	1 29	1 30	28 39			n.a.
S 7	23 25	20 45	3 31	18 34	0 26	16 28	1 14	10 33	1 16	17 47	0 43	21 4	1 5	20 11	0 42	0 50	1 56	30 48	12 56	1 27	1 29	28 39			n.a.
M 8	23 21	25 8	4 18	18 7	0 37	16 3	1 11	10 47	1 15	17 50	0 43	21 5	1 5	20 11	0 42	0 50	1 56	30 47	12 56	1 24	1 28	28 39			n.a.
T 9	23 16	27 56	4 49	17 40	0 47	15 38	1 8	11 1	1 15	17 53	0 43	21 6	1 5	20 12	0 42	0 50	1 56	30 47	12 56	1 21	1 26	28 38			n.a.
W10	23 11	28 42	5 0	17 14	0 58	15 13	1 5	11 15	1 14	17 55	0 43	21 8	1 5	20 12	0 42	0 50	1 56	30 46	12 56	1 17	1 25	28 38			n.a.
T 11	23 6	27 17	4 50	16 47	1 9	14 47	1 3	11 29	1 14	17 58	0 43	21 9	1 5	20 13	0 42	0 50	1 56	30 45	12 56	1 13	1 24	28 37			n.a.
F 12	23 0	23 52	4 20	16 21	1 20	14 21	1 0	11 42	1 13	18 1	0 43	21 10	1 5	20 13	0 42	0 50	1 56	30 45	12 56	1 9	1 22	28 37			n.a.
S 13	22 54	18 54	3 32	15 55	1 31	13 54	0 56	11 56	1 13	18 4	0 43	21 11	1 5	20 14	0 42	0 50	1 56	30 44	12 56	1 5	1 21	28 36			n.a.
S 14	22 47	12 58	2 31	15 29	1 42	13 28	0 53	12 9	1 12	18 7	0 43	21 12	1 5	20 14	0 42	0 50	1 57	30 43	12 55	1 3	1 20	28 36			n.a.
M15	22 40	6 33	1 23	15 5	1 54	13 1	0 50	12 23	1 11	18 9	0 43	21 13	1 5	20 15	0 42	0 50	1 57	30 43	12 55	1 2	1 19	28 35			n.a.
T 16	22 33	0 2	0 12	14 41	2 5	12 33	0 47	12 36	1 11	18 12	0 43	21 14	1 5	20 15	0 42	0 50	1 57	30 42	12 55	1 2	1 17	28 35			n.a.
W17	22 25	6s16	0s58	14 18	2 16	12 6	0 43	12 49	1 10	18 15	0 43	21 15	1 5	20 16	0 42	0 50	1 57	30 41	12 55	1 2	1 16	28 34			n.a.
T 18	22 17	12 8	2 2	13 56	2 28	11 38	0 40	13 2	1 10	18 17	0 43	21 16	1 5	20 17	0 42	0 50	1 57	30 41	12 55	1 2	1 15	28 34			n.a.
F 19	22 8	17 23	2 59	13 35	2 39	11 9	0 36	13 15	1 9	18 20	0 43	21 17	1 5	20 17	0 42	0 50	1 57	30 40	12 55	1 1	1 13	28 33			n.a.
S 20	21 59	21 49	3 46	13 16	2 50	10 41	0 32	13 27	1 8	18 22	0 43	21 18	1 5	20 18	0 42	0 50	1 57	30 40	12 55	1 0	1 12	28 32			n.a.
S 21	21 50	25 18	4 23	12 58	3 1	10 12	0 29	13 40	1 8	18 25	0 43	21 19	1 5	20 18	0 42	0 49	1 57	30 39	12 55	0 57	1 11	28 32			n.a.
M22	21 40	27 38	4 48	12 42	3 12	9 44	0 25	13 52	1 7	18 27	0 43	21 19	1 5	20 19	0 42	0 49	1 57	30 38	12 55	0 54	1 10	28 31			n.a.
T 23	21 30	28 42	5 0	12 27	3 23	9 14	0 21	14 5	1 6	18 30	0 43	21 20	1 4	20 19	0 42	0 49	1 57	30 38	12 55	0 50	1 8	28 31			n.a.
W24	21 19	28 26	5 0	12 15	3 33	8 45	0 17	14 17	1 6	18 32	0 43	21 21	1 4	20 20	0 42	0 49	1 57	30 37	12 55	0 45	1 7	28 30			n.a.
T 25	21 8	26 51	4 46	12 4	3 42	8 16	0 13	14 29	1 5	18 35	0 43	21 22	1 4	20 21	0 42	0 49	1 57	30 36	12 55	0 40	1 6	28 30			n.a.
F 26	20 57	24 4	4 20	11 56	3 51	7 46	0 8	14 41	1 4	18 37	0 43	21 23	1 4	20 21	0 42	0 49	1 57	30 36	12 55	0 35	1 5	28 29			n.a.
S 27	20 45	20 13	3 41	11 51	3 59	7 16	0 4	14 52	1 4	18 39	0 43	21 24	1 4	20 22	0 42	0 48	1 57	30 35	12 55	0 31	1 3	28 28			n.a.
S 28	20 33	15 32	2 53	11 48	4 7	6 46	0s 0	15 4	1 3	18 42	0 43	21 25	1 4	20 22	0 42	0 48	1 57	30 35	12 55	0 28	1 2	28 28			n.a.
M29	20 21	10 11	1 56	11 48	4 13	6 16	0 4	15 16	1 2	18 44	0 43	21 26	1 4	20 23	0 42	0 48	1 58	30 34	12 55	0 26	1 1	28 27			n.a.
T 30	20 8	4 22	0 53	11 50	4 18	5 46	0 9	15 27	1 2	18 46	0 43	21 26	1 4	20 23	0 42	0 48	1 58	30 33	12 55	0 25	0 59	28 26			n.a.
W31	19n55	1n43	0n14	11n56	4s22	5n16	0s13	15n38	1s 1	18n48	0s43	21n27	1s 4	20s24	0s42	0n47	1s58	30n33	12n55	0n25	0n58	28s26			n.a.

Julian Day Number = 1624447.5, Delta T = 03h45m35s
Ecliptic obliquity = 23°43'47, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'10, Lahiri = - 7°37'09 Julian Calendar 1 July 266 BCE == Greg. Calendar 27 June 266 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

AUGUST 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 19 26	3♌ 7'11	16♈34	15°R51	17♍25	15♉50	26♉10	12♊13	3°R 1	6°R26	9♌18	1♈ 3	2♈21	10♑ 9	n.a.	T 1
F 2	20 23 22	4° 5'17	29°44	15♌ 8	18°31	16°25	26°18	12°19	2♒59	6♈26	9°20	1°R 4	2°18	10°16	n.a.	F 2
S 3	20 27 19	5° 3'26	13♉17	14°21	19°37	17° 0	26°27	12°24	2°56	6°25	9°23	1° 4	2°15	10°22	n.a.	S 3
S 4	20 31 15	6° 1'37	27°15	13°29	20°43	17°35	26°36	12°30	2°54	6°24	9°25	1° 2	2°12	10°29	n.a.	S 4
M 5	20 35 12	6°59'50	11♊37	12°34	21°49	18° 9	26°44	12°36	2°52	6°24	9°27	0°58	2° 9	10°36	n.a.	M 5
T 6	20 39 8	7°58'05	26°21	11°37	22°55	18°44	26°52	12°42	2°49	6°23	9°29	0°52	2° 5	10°43	n.a.	T 6
W 7	20 43 5	8°56'23	11♋21	10°38	24° 1	19°18	27° 0	12°47	2°47	6°22	9°31	0°44	2° 2	10°49	n.a.	W 7
T 8	20 47 2	9°54'42	26°29	9°39	25° 6	19°52	27° 9	12°53	2°44	6°22	9°33	0°36	1°59	10°56	n.a.	T 8
F 9	20 50 58	10°53'03	11♌35	8°41	26°11	20°26	27°16	12°58	2°42	6°21	9°35	0°29	1°56	11° 3	n.a.	F 9
S 10	20 54 55	11°51'26	26°29	7°46	27°17	21° 0	27°24	13° 3	2°40	6°20	9°37	0°23	1°53	11° 9	n.a.	S 10
S 11	20 58 51	12°49'51	11♍ 2	6°54	28°21	21°33	27°32	13° 9	2°37	6°19	9°39	0°20	1°50	11°16	n.a.	S 11
M12	21 2 48	13°48'18	25°10	6° 8	29°26	22° 6	27°39	13°14	2°35	6°18	9°41	0°D18	1°46	11°23	n.a.	M12
T 13	21 6 44	14°46'46	8♎51	5°28	0♎31	22°40	27°47	13°19	2°33	6°17	9°43	0°18	1°43	11°30	n.a.	T 13
W14	21 10 41	15°45'17	22° 4	4°55	1°35	23°12	27°54	13°24	2°30	6°16	9°46	0°20	1°40	11°36	n.a.	W14
T 15	21 14 37	16°43'49	4♏53	4°30	2°39	23°45	28° 1	13°29	2°28	6°15	9°48	0°21	1°37	11°43	n.a.	T 15
F 16	21 18 34	17°42'22	17°21	4°14	3°43	24°17	28° 8	13°34	2°26	6°15	9°50	0°R21	1°34	11°50	n.a.	F 16
S 17	21 22 31	18°40'58	29°34	4°D 7	4°46	24°50	28°14	13°38	2°23	6°14	9°52	0°21	1°31	11°56	n.a.	S 17
S 18	21 26 27	19°39'35	11♐36	4°10	5°50	25°22	28°21	13°43	2°21	6°13	9°54	0°18	1°27	12° 3	n.a.	S 18
M19	21 30 24	20°38'14	23°31	4°22	6°53	25°53	28°27	13°48	2°19	6°11	9°56	0°14	1°24	12°10	n.a.	M19
T 20	21 34 20	21°36'55	5♑23	4°44	7°56	26°25	28°34	13°52	2°17	6°10	9°58	0° 8	1°21	12°17	n.a.	T 20
W21	21 38 17	22°35'38	17°16	5°15	8°58	26°56	28°40	13°57	2°15	6° 9	10° 0	0° 2	1°18	12°23	n.a.	W21
T 22	21 42 13	23°34'23	29°12	5°55	10° 1	27°27	28°46	14° 1	2°12	6° 8	10° 2	29♓55	1°15	12°30	n.a.	T 22
F 23	21 46 10	24°33'10	11♒14	6°43	11° 3	27°58	28°51	14° 5	2°10	6° 7	10° 4	29°49	1°11	12°37	n.a.	F 23
S 24	21 50 6	25°31'58	23°23	7°39	12° 4	28°28	28°57	14° 9	2° 8	6° 6	10° 6	29°43	1° 8	12°44	n.a.	S 24
S 25	21 54 3	26°30'49	5♓41	8°43	13° 6	28°59	29° 3	14°13	2° 6	6° 5	10° 8	29°39	1° 5	12°50	n.a.	S 25
M26	21 58 0	27°29'42	18° 8	9°53	14° 7	29°29	29° 8	14°17	2° 4	6° 3	10°10	29°37	1° 2	12°57	n.a.	M26
T 27	22 1 56	28°28'37	0♈46	11°10	15° 8	29°58	29°13	14°21	2° 2	6° 2	10°12	29°D36	0°59	13° 4	n.a.	T 27
W28	22 5 53	29°27'35	13°36	12°32	16° 8	0♊28	29°18	14°25	2° 0	6° 1	10°14	29°37	0°56	13°10	n.a.	W28
T 29	22 9 49	0♍26'34	26°40	13°59	17° 8	0°57	29°23	14°29	1°58	6° 0	10°16	29°39	0°52	13°17	n.a.	T 29
F 30	22 13 46	1°25'36	9♉59	15°29	18° 8	1°26	29°27	14°33	1°56	5°58	10°18	29°40	0°49	13°24	n.a.	F 30
S 31	22 17 42	2♍24'41	23♉34	17♌ 4	19♎ 7	1♊55	29♉32	14♊36	1♒54	5♈57	10♌20	29♓41	0♈46	13♑31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n42	7n51	1n22	12n 4	4s24	4n45	0s18	15n49	1s 0	18n50	0s43	21n28	1s 4	20s25	0s42	0n47	1s58	30n32	12n55	0n25	0n57	28s25			n.a.
F 2	19 28	13 48	2 27	12 16	4 25	4 15	0 23	16 0	0 59	18 52	0 43	21 29	1 4	20 25	0 42	0 47	1 58	30 32	12 55	0 26	0 56	28 24			n.a.
S 3	19 14	19 17	3 26	12 30	4 24	3 44	0 27	16 11	0 58	18 54	0 43	21 30	1 4	20 26	0 42	0 47	1 58	30 31	12 55	0 26	0 54	28 24			n.a.
S 4	19 0	23 55	4 15	12 48	4 22	3 14	0 32	16 22	0 58	18 56	0 43	21 30	1 4	20 26	0 43	0 46	1 58	30 31	12 55	0 25	0 53	28 23			n.a.
M 5	18 45	27 13	4 49	13 8	4 17	2 43	0 37	16 32	0 57	18 58	0 43	21 31	1 4	20 27	0 43	0 46	1 58	30 30	12 55	0 23	0 52	28 22			n.a.
T 6	18 30	28 46	5 5	13 30	4 10	2 12	0 42	16 42	0 56	19 0	0 43	21 32	1 4	20 27	0 43	0 46	1 58	30 29	12 55	0 21	0 50	28 22			n.a.
W 7	18 14	28 14	5 1	13 54	4 2	1 41	0 47	16 53	0 55	19 2	0 43	21 32	1 4	20 28	0 43	0 45	1 58	30 29	12 55	0 18	0 49	28 21			n.a.
T 8	17 59	25 37	4 36	14 20	3 51	1 11	0 52	17 3	0 54	19 4	0 43	21 33	1 4	20 28	0 43	0 45	1 58	30 28	12 55	0 15	0 48	28 20			n.a.
F 9	17 43	21 13	3 51	14 47	3 39	0 40	0 57	17 13	0 54	19 6	0 43	21 34	1 5	20 29	0 43	0 45	1 58	30 28	12 55	0 12	0 47	28 20			n.a.
S 10	17 26	15 32	2 52	15 15	3 25	0 9	1 2	17 23	0 53	19 7	0 43	21 34	1 5	20 30	0 43	0 44	1 58	30 27	12 55	0 9	0 45	28 19			n.a.
S 11	17 10	9 5	1 42	15 43	3 9	0s22	1 7	17 32	0 52	19 9	0 43	21 35	1 5	20 30	0 42	0 44	1 58	30 27	12 55	0 8	0 44	28 18			n.a.
M12	16 53	2 22	0 28	16 11	2 53	0 53	1 12	17 42	0 51	19 11	0 43	21 36	1 5	20 31	0 42	0 43	1 58	30 26	12 56	0 7	0 43	28 17			n.a.
T 13	16 36	4s15	0s46	16 38	2 35	1 23	1 18	17 51	0 50	19 12	0 43	21 36	1 5	20 31	0 42	0 43	1 58	30 26	12 56	0 7	0 42	28 17			n.a.
W14	16 18	10 28	1 55	17 4	2 16	1 54	1 23	18 0	0 49	19 14	0 43	21 37	1 5	20 32	0 42	0 43	1 59	30 25	12 56	0 8	0 40	28 16			n.a.
T 15	16 1	16 4	2 56	17 28	1 57	2 25	1 28	18 10	0 48	19 16	0 43	21 38	1 5	20 32	0 42	0 42	1 59	30 25	12 56	0 8	0 39	28 15			n.a.
F 16	15 43	20 50	3 47	17 51	1 38	2 55	1 33	18 19	0 47	19 17	0 43	21 38	1 5	20 33	0 42	0 42	1 59	30 24	12 56	0 9	0 38	28 14			n.a.
S 17	15 24	24 38	4 26	18 11	1 19	3 26	1 39	18 27	0 46	19 19	0 43	21 39	1 5	20 33	0 42	0 41	1 59	30 24	12 56	0 8	0 36	28 14			n.a.
S 18	15 6	27 17	4 53	18 28	1 0	3 56	1 44	18 36	0 45	19 20	0 43	21 39	1 5	20 34	0 42	0 41	1 59	30 23	12 56	0 7	0 35	28 13			n.a.
M19	14 47	28 41	5 7	18 43	0 42	4 26	1 50	18 45	0 44	19 22	0 43	21 40	1 5	20 34	0 42	0 40	1 59	30 23	12 56	0 6	0 34	28 12			n.a.
T 20	14 28	28 45	5 8	18 55	0 24	4 57	1 55	18 53	0 43	19 23	0 43	21 40	1 5	20 35	0 42	0 40	1 59	30 22	12 57	0 3	0 33	28 11			n.a.
W21	14 9	27 29	4 56	19 4	0 8	5 27	2 1	19 1	0 42	19 24	0 43	21 41	1 5	20 35	0 42	0 39	1 59	30 22	12 57	0 1	0 31	28 10			n.a.
T 22	13 49	24 58	4 31	19 9	0n 8	5 56	2 6	19 10	0 41	19 26	0 43	21 41	1 5	20 36	0 42	0 39	1 59	30 21	12 57	0s 2	0 30	28 9			n.a.
F 23	13 30	21 21	3 53	19 11	0 23	6 26	2 12	19 18	0 40	19 27	0 43	21 42	1 5	20 36	0 42	0 38	1 59	30 21	12 57	0 5	0 29	28 9			n.a.
S 24	13 10	16 47	3 5	19 10	0 37	6 56	2 17	19 25	0 39	19 28	0 43	21 42	1 5	20 37	0 42	0 38	1 59	30 21	12 57	0 7	0 27	28 8			n.a.
S 25	12 50	11 30	2 7	19 6	0 49	7 25	2 23	19 33	0 38	19 29	0 43	21 43	1 5	20 37	0 42	0 37	1 59	30 20	12 57	0 8	0 26	28 7			n.a.
M26	12 29	5 42	1 2	18 58	1 1	7 54	2 28	19 41	0 37	19 30	0 43	21 43	1 5	20 38	0 42	0 37	1 59	30 20	12 57	0 9	0 25	28 6			n.a.
T 27	12 9	0n24	0n 6	18 46	1 11	8 23	2 34	19 48	0 36	19 31	0 43	21 44	1 5	20 38	0 42	0 36	1 59	30 19	12 58	0 9	0 24	28 5			n.a.
W28	11 48	6 36	1 16	18 32	1 20	8 52	2 40	19 56	0 35	19 33	0 43	21 44	1 5	20 39	0 42	0 36	1 59	30 19	12 58	0 9	0 22	28 4			n.a.
T 29	11 27	12 37	2 23	18 14	1 28	9 21	2 45	20 3	0 34	19 34	0 43	21 44	1 5	20 39	0 42	0 35	1 59	30 19	12 58	0 9	0 21	28 3			n.a.
F 30	11 6	18 12	3 23	17 53	1 35	9 49	2 51	20 10	0 33	19 35	0 43	21 45	1 5	20 39	0 42	0 35	1 59	30 18	12 58	0 8	0 20	28 3			n.a.
S 31	10n44	22n59	4n14	17n30	1n40	10s17	2s56	20n17	0s31	19n36	0s43	21n45	1s 5	20s40	0s42	0n34	1s59	30n18	12n58	0s 8	0n19	28s 2			n.a.

Julian Day Number = 1624478.5, Delta T = 03h45m34s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'06, Lahiri = - 7°37'05 Julian Calendar 1 Aug. 266 BCE == Greg. Calendar 28 July 266 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

SEPTEMBER 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 21 39	3♍23'48	7♊27	18♌41	20♎ 6	2♊23	29♉36	14♊39	1°R52	5°R56	10♌22	29°R41	0♈43	13♉37	n.a.	S 1
M 2	22 25 35	4°22'58	21°37	20°20	21° 5	2°51	29°40	14°43	1♒50	5♈54	10°24	29♓41	0°40	13°44	n.a.	M 2
T 3	22 29 32	5°22'10	6♋ 2	22° 2	22° 3	3°19	29°44	14°46	1°48	5°53	10°26	29°39	0°37	13°51	n.a.	T 3
W 4	22 33 29	6°21'24	20°40	23°45	23° 1	3°46	29°48	14°49	1°46	5°51	10°28	29°36	0°33	13°57	n.a.	W 4
T 5	22 37 25	7°20'41	5♌24	25°29	23°58	4°13	29°52	14°52	1°44	5°50	10°30	29°33	0°30	14° 4	n.a.	T 5
F 6	22 41 22	8°20'00	20° 8	27°14	24°55	4°40	29°55	14°55	1°42	5°49	10°32	29°30	0°27	14°11	n.a.	F 6
S 7	22 45 18	9°19'22	4♍44	29° 0	25°52	5° 7	29°58	14°58	1°41	5°47	10°34	29°27	0°24	14°18	n.a.	S 7
S 8	22 49 15	10°18'45	19° 6	0♍46	26°48	5°33	0♊ 1	15° 1	1°39	5°46	10°36	29°26	0°21	14°24	n.a.	S 8
M 9	22 53 11	11°18'11	3♎ 9	2°32	27°43	5°59	0° 4	15° 3	1°37	5°44	10°37	29°D26	0°17	14°31	n.a.	M 9
T 10	22 57 8	12°17'38	16°48	4°18	28°38	6°24	0° 6	15° 6	1°36	5°43	10°39	29°27	0°14	14°38	n.a.	T 10
W11	23 1 4	13°17'08	0♏ 4	6° 4	29°32	6°49	0° 9	15° 8	1°34	5°41	10°41	29°28	0°11	14°45	n.a.	W11
T 12	23 5 1	14°16'39	12°56	7°50	0♏26	7°14	0°11	15°11	1°32	5°40	10°43	29°29	0° 8	14°51	n.a.	T 12
F 13	23 8 57	15°16'12	25°29	9°36	1°20	7°38	0°13	15°13	1°31	5°38	10°45	29°30	0° 5	14°58	n.a.	F 13
S 14	23 12 54	16°15'48	7♐44	11°20	2°12	8° 2	0°15	15°15	1°29	5°36	10°46	29°31	0° 2	15° 5	n.a.	S 14
S 15	23 16 51	17°15'25	19°48	13° 5	3° 4	8°25	0°17	15°17	1°28	5°35	10°48	29°R31	29♓58	15°11	n.a.	S 15
M16	23 20 47	18°15'04	1♑43	14°49	3°56	8°49	0°18	15°19	1°27	5°33	10°50	29°31	29°55	15°18	n.a.	M16
T 17	23 24 44	19°14'45	13°36	16°32	4°46	9°11	0°19	15°21	1°25	5°32	10°52	29°30	29°52	15°25	n.a.	T 17
W18	23 28 40	20°14'28	25°30	18°15	5°36	9°34	0°20	15°22	1°24	5°30	10°53	29°29	29°49	15°32	n.a.	W18
T 19	23 32 37	21°14'12	7♒28	19°57	6°25	9°55	0°21	15°24	1°23	5°28	10°55	29°27	29°46	15°38	n.a.	T 19
F 20	23 36 33	22°13'59	19°36	21°39	7°14	10°17	0°22	15°25	1°21	5°27	10°57	29°26	29°43	15°45	n.a.	F 20
S 21	23 40 30	23°13'47	1♓54	23°20	8° 1	10°38	0°22	15°26	1°20	5°25	10°58	29°26	29°39	15°52	n.a.	S 21
S 22	23 44 26	24°13'37	14°25	25° 0	8°48	10°59	0°23	15°28	1°19	5°24	11° 0	29°25	29°36	15°58	n.a.	S 22
M23	23 48 23	25°13'30	27°10	26°40	9°34	11°19	0°R23	15°29	1°18	5°22	11° 2	29°D25	29°33	16° 5	n.a.	M23
T 24	23 52 20	26°13'24	10♈10	28°19	10°19	11°38	0°23	15°30	1°17	5°20	11° 3	29°25	29°30	16°12	n.a.	T 24
W25	23 56 16	27°13'20	23°23	29°57	11° 3	11°58	0°22	15°31	1°16	5°19	11° 5	29°25	29°27	16°19	n.a.	W25
T 26	0 0 13	28°13'19	6♉50	1♎35	11°46	12°16	0°22	15°31	1°15	5°17	11° 6	29°25	29°23	16°25	n.a.	T 26
F 27	0 4 9	29°13'20	20°28	3°13	12°28	12°34	0°21	15°32	1°14	5°15	11° 8	29°R25	29°20	16°32	n.a.	F 27
S 28	0 8 6	0♎13'23	4♊18	4°50	13° 9	12°52	0°20	15°33	1°13	5°14	11°10	29°25	29°17	16°39	n.a.	S 28
S 29	0 12 2	1°13'28	18°17	6°26	13°49	13° 9	0°19	15°33	1°12	5°12	11°11	29°25	29°14	16°45	n.a.	S 29
M30	0 15 59	2♎13'36	2♋24	8♎ 2	14♏28	13♊26	0♊18	15♊33	1♒11	5♈10	11♌12	29°D25	29♓11	16♉52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n23	26n35	4n51	17n 4	1n45	10s45	3s 2	20n24	0s30	19n36	0s43	21n46	1s 5	20s40	0s42	0n34	1s59	30n17	12n59	0s 7	0n17	28s 1		n.a.
M 2	10 1	28 38	5 11	16 36	1 48	11 13	3 8	20 31	0 29	19 37	0 43	21 46	1 5	20 41	0 42	0 33	1 59	30 17	12 59	0 8	0 16	28 0		n.a.
T 3	9 39	28 47	5 12	16 5	1 51	11 40	3 13	20 37	0 28	19 38	0 43	21 46	1 5	20 41	0 42	0 32	1 59	30 17	12 59	0 9	0 15	27 59		n.a.
W 4	9 17	26 57	4 53	15 32	1 53	12 7	3 19	20 44	0 27	19 39	0 43	21 47	1 5	20 42	0 42	0 32	1 59	30 16	12 59	0 10	0 13	27 58		n.a.
T 5	8 55	23 16	4 15	14 58	1 54	12 34	3 24	20 50	0 25	19 40	0 43	21 47	1 5	20 42	0 42	0 31	2 0	30 16	13 0	0 11	0 12	27 57		n.a.
F 6	8 33	18 6	3 20	14 22	1 54	13 0	3 30	20 56	0 24	19 40	0 43	21 47	1 5	20 42	0 42	0 31	2 0	30 16	13 0	0 12	0 11	27 56		n.a.
S 7	8 10	11 56	2 12	13 44	1 54	13 26	3 35	21 2	0 23	19 41	0 43	21 48	1 5	20 43	0 42	0 30	2 0	30 15	13 0	0 13	0 10	27 55		n.a.
S 8	7 48	5 14	0 57	13 5	1 53	13 52	3 40	21 8	0 21	19 42	0 43	21 48	1 5	20 43	0 42	0 29	2 0	30 15	13 0	0 14	0 8	27 54		n.a.
M 9	7 25	1s35	0s20	12 25	1 51	14 17	3 46	21 14	0 20	19 42	0 43	21 48	1 5	20 43	0 42	0 29	2 0	30 15	13 1	0 14	0 7	27 53		n.a.
T 10	7 2	8 8	1 34	11 44	1 49	14 43	3 51	21 20	0 19	19 43	0 43	21 48	1 5	20 44	0 42	0 28	2 0	30 14	13 1	0 13	0 6	27 52		n.a.
W11	6 39	14 8	2 41	11 2	1 46	15 7	3 56	21 25	0 17	19 43	0 43	21 49	1 5	20 44	0 42	0 27	2 0	30 14	13 1	0 13	0 4	27 51		n.a.
T 12	6 16	19 22	3 38	10 19	1 43	15 31	4 2	21 31	0 16	19 44	0 43	21 49	1 5	20 45	0 42	0 27	2 0	30 14	13 1	0 12	0 3	27 50		n.a.
F 13	5 52	23 36	4 22	9 36	1 39	15 55	4 7	21 36	0 15	19 44	0 43	21 49	1 5	20 45	0 42	0 26	2 0	30 14	13 2	0 12	0 2	27 49		n.a.
S 14	5 29	26 42	4 54	8 52	1 35	16 19	4 12	21 42	0 13	19 44	0 43	21 49	1 5	20 45	0 42	0 25	2 0	30 13	13 2	0 12	0 1	27 48		n.a.
S 15	5 6	28 31	5 12	8 7	1 31	16 42	4 17	21 47	0 12	19 45	0 44	21 49	1 5	20 45	0 42	0 25	2 0	30 13	13 2	0 12	0s 1	27 47		n.a.
M16	4 42	28 59	5 16	7 22	1 26	17 5	4 22	21 52	0 10	19 45	0 44	21 50	1 5	20 46	0 42	0 24	2 0	30 13	13 3	0 12	0 2	27 46		n.a.
T 17	4 18	28 7	5 7	6 37	1 21	17 27	4 27	21 57	0 9	19 45	0 44	21 50	1 5	20 46	0 42	0 23	2 0	30 13	13 3	0 12	0 3	27 45		n.a.
W18	3 55	25 57	4 44	5 52	1 16	17 48	4 32	22 2	0 7	19 46	0 44	21 50	1 5	20 46	0 42	0 23	2 0	30 12	13 3	0 13	0 4	27 44		n.a.
T 19	3 31	22 38	4 9	5 6	1 11	18 10	4 36	22 7	0 6	19 46	0 44	21 50	1 5	20 47	0 42	0 22	2 0	30 12	13 4	0 13	0 6	27 43		n.a.
F 20	3 7	18 20	3 23	4 21	1 5	18 30	4 41	22 11	0 4	19 46	0 44	21 50	1 5	20 47	0 42	0 21	2 0	30 12	13 4	0 14	0 7	27 42		n.a.
S 21	2 43	13 12	2 27	3 35	0 59	18 51	4 46	22 16	0 3	19 46	0 44	21 50	1 5	20 47	0 42	0 21	2 0	30 12	13 4	0 14	0 8	27 41		n.a.
S 22	2 19	7 28	1 22	2 49	0 53	19 10	4 50	22 21	0 1	19 46	0 44	21 50	1 6	20 47	0 42	0 20	2 0	30 12	13 5	0 14	0 10	27 40		n.a.
M23	1 55	1 20	0 12	2 4	0 47	19 29	4 54	22 25	0n 1	19 46	0 44	21 51	1 6	20 48	0 42	0 19	2 0	30 12	13 5	0 14	0 11	27 39		n.a.
T 24	1 31	4n59	0n59	1 18	0 41	19 48	4 58	22 29	0 2	19 46	0 44	21 51	1 6	20 48	0 42	0 19	2 0	30 11	13 5	0 14	0 12	27 38		n.a.
W25	1 7	11 11	2 9	0 33	0 35	20 6	5 2	22 34	0 4	19 46	0 44	21 51	1 6	20 48	0 42	0 18	2 0	30 11	13 6	0 14	0 13	27 36		n.a.
T 26	0 43	16 59	3 13	0s12	0 28	20 24	5 6	22 38	0 6	19 46	0 44	21 51	1 6	20 48	0 42	0 17	2 0	30 11	13 6	0 14	0 15	27 35		n.a.
F 27	0 19	22 2	4 7	0 58	0 22	20 41	5 10	22 42	0 7	19 46	0 44	21 51	1 6	20 48	0 42	0 17	2 0	30 11	13 6	0 14	0 16	27 34		n.a.
S 28	0s 5	25 57	4 47	1 43	0 15	20 57	5 14	22 46	0 9	19 45	0 44	21 51	1 6	20 49	0 42	0 16	2 0	30 11	13 7	0 14	0 17	27 33		n.a.
S 29	0 30	28 22	5 11	2 27	0 9	21 12	5 17	22 50	0 11	19 45	0 44	21 51	1 6	20 49	0 42	0 15	2 0	30 11	13 7	0 14	0 19	27 32		n.a.
M30	0s54	28n59	5n17	3s12	0n 2	21s28	5s20	22n54	0n13	19n45	0s44	21n51	1s 6	20s49	0s42	0n15	2s 0	30n11	13n 7	0s14	0s20	27s31		n.a.

Julian Day Number = 1624509.5, Delta T = 03h45m33s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°44'01, Lahiri = - 7°37'01 Julian Calendar 1 Sept. 266 BCE == Greg. Calendar 28 Aug. 266 BCE

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

OCTOBER 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 19 55	3♎13'46	16♋37	9♎38	15♏ 5	13♊42	0°R16	15♊34	1°R10	5°R 8	11♌14	29♓25	29♓ 8	16♉59	n.a.	T 1
W 2	0 23 52	4°13'58	0♌54	11°13	15°41	13°58	0♊14	15°R34	1♒10	5♈ 7	11°15	29°26	29° 4	17° 6	n.a.	W 2
T 3	0 27 49	5°14'13	15°11	12°47	16°16	14°13	0°12	15°34	1° 9	5° 5	11°17	29°26	29° 1	17°12	n.a.	T 3
F 4	0 31 45	6°14'29	29°26	14°21	16°50	14°27	0°10	15°34	1° 8	5° 3	11°18	29°27	28°58	17°19	n.a.	F 4
S 5	0 35 42	7°14'48	13♍35	15°55	17°22	14°41	0° 8	15°33	1° 8	5° 2	11°19	29°27	28°55	17°26	n.a.	S 5
S 6	0 39 38	8°15'08	27°33	17°28	17°53	14°54	0° 5	15°33	1° 7	5° 0	11°21	29°R27	28°52	17°32	n.a.	S 6
M 7	0 43 35	9°15'30	11♎17	19° 1	18°22	15° 6	0° 3	15°33	1° 7	4°58	11°22	29°27	28°48	17°39	n.a.	M 7
T 8	0 47 31	10°15'54	24°45	20°34	18°50	15°18	29♉59	15°32	1° 7	4°57	11°23	29°26	28°45	17°46	n.a.	T 8
W 9	0 51 28	11°16'20	7♏54	22° 6	19°16	15°30	29°57	15°31	1° 6	4°55	11°25	29°25	28°42	17°53	n.a.	W 9
T 10	0 55 24	12°16'48	20°45	23°38	19°40	15°40	29°53	15°30	1° 6	4°53	11°26	29°23	28°39	17°59	n.a.	T 10
F 11	0 59 21	13°17'17	3♐17	25° 9	20° 2	15°50	29°50	15°29	1° 6	4°52	11°27	29°21	28°36	18° 6	n.a.	F 11
S 12	1 3 17	14°17'48	15°34	26°40	20°23	16° 0	29°46	15°28	1° 5	4°50	11°28	29°19	28°33	18°13	n.a.	S 12
S 13	1 7 14	15°18'20	27°39	28°11	20°42	16° 8	29°42	15°27	1° 5	4°48	11°29	29°18	28°29	18°19	n.a.	S 13
M14	1 11 11	16°18'53	9♑35	29°41	20°59	16°16	29°38	15°26	1° 5	4°47	11°30	29°17	28°26	18°26	n.a.	M14
T 15	1 15 7	17°19'28	21°27	1♏11	21°13	16°23	29°34	15°25	1° 5	4°45	11°32	29°D17	28°23	18°33	n.a.	T 15
W16	1 19 4	18°20'05	3♒21	2°41	21°26	16°30	29°30	15°23	1°D 5	4°43	11°33	29°18	28°20	18°40	n.a.	W16
T 17	1 23 0	19°20'42	15°19	4°10	21°36	16°35	29°25	15°22	1° 5	4°42	11°34	29°19	28°17	18°46	n.a.	T 17
F 18	1 26 57	20°21'21	27°29	5°39	21°45	16°40	29°20	15°20	1° 5	4°40	11°35	29°21	28°14	18°53	n.a.	F 18
S 19	1 30 53	21°22'01	9♓52	7° 7	21°51	16°45	29°15	15°18	1° 5	4°39	11°36	29°22	28°10	19° 0	n.a.	S 19
S 20	1 34 50	22°22'43	22°33	8°35	21°54	16°48	29°10	15°16	1° 6	4°37	11°37	29°23	28° 7	19° 6	n.a.	S 20
M21	1 38 46	23°23'26	5♈33	10° 2	21°R55	16°51	29° 5	15°14	1° 6	4°35	11°37	29°R23	28° 4	19°13	n.a.	M21
T 22	1 42 43	24°24'10	18°53	11°29	21°54	16°53	28°59	15°12	1° 6	4°34	11°38	29°22	28° 1	19°20	n.a.	T 22
W23	1 46 40	25°24'55	2♉32	12°55	21°51	16°54	28°54	15°10	1° 6	4°32	11°39	29°19	27°58	19°27	n.a.	W23
T 24	1 50 36	26°25'42	16°27	14°21	21°44	16°R54	28°48	15° 7	1° 7	4°31	11°40	29°16	27°54	19°33	n.a.	T 24
F 25	1 54 33	27°26'31	0♊35	15°45	21°36	16°54	28°42	15° 5	1° 7	4°29	11°41	29°11	27°51	19°40	n.a.	F 25
S 26	1 58 29	28°27'21	14°50	17° 9	21°25	16°52	28°36	15° 2	1° 8	4°28	11°42	29° 7	27°48	19°47	n.a.	S 26
S 27	2 2 26	29°28'13	29° 9	18°32	21°11	16°50	28°30	15° 0	1° 8	4°26	11°42	29° 3	27°45	19°53	n.a.	S 27
M28	2 6 22	0♏29'07	13♋26	19°54	20°55	16°47	28°23	14°57	1° 9	4°25	11°43	29° 1	27°42	20° 0	n.a.	M28
T 29	2 10 19	1°30'02	27°40	21°14	20°37	16°43	28°17	14°54	1°10	4°23	11°44	29°D 0	27°39	20° 7	n.a.	T 29
W30	2 14 16	2°30'58	11♌46	22°33	20°17	16°39	28°10	14°51	1°10	4°22	11°44	29° 0	27°35	20°14	n.a.	W30
T 31	2 18 12	3♏31'56	25♌45	23♏50	19♏54	16♊33	28♉ 4	14♊48	1♒11	4♈20	11♌45	29♓ 1	27♓32	20♉20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	1s18	27n41	5n 3	3s56	0s 5	21s42	5s23	22n58	0n15	19n45	0s44	21n51	1s 6	20s49	0s42	0n14	2s 0	30n11	13n 8	0s14	0s21	27s30			n.a.
W 2	1 42	24 36	4 31	4 40	0 11	21 56	5 26	23 1	0 16	19 44	0 44	21 51	1 6	20 49	0 42	0 13	2 0	30 11	13 8	0 14	0 22	27 28			n.a.
T 3	2 6	20 0	3 41	5 23	0 18	22 9	5 29	23 5	0 18	19 44	0 44	21 51	1 6	20 49	0 42	0 13	2 0	30 11	13 9	0 14	0 24	27 27			n.a.
F 4	2 30	14 17	2 39	6 6	0 24	22 21	5 31	23 9	0 20	19 43	0 44	21 51	1 6	20 49	0 42	0 12	2 0	30 10	13 9	0 13	0 25	27 26			n.a.
S 5	2 55	7 52	1 27	6 49	0 31	22 33	5 34	23 12	0 22	19 43	0 44	21 51	1 6	20 49	0 42	0 11	2 0	30 10	13 9	0 13	0 26	27 25			n.a.
S 6	3 19	1 9	0 11	7 31	0 38	22 44	5 36	23 16	0 24	19 42	0 44	21 51	1 6	20 50	0 41	0 11	2 0	30 10	13 10	0 13	0 28	27 24			n.a.
M 7	3 43	5s31	1s 5	8 13	0 44	22 54	5 37	23 19	0 26	19 42	0 44	21 51	1 6	20 50	0 41	0 10	2 0	30 10	13 10	0 13	0 29	27 23			n.a.
T 8	4 7	11 48	2 15	8 54	0 51	23 3	5 39	23 22	0 28	19 41	0 44	21 51	1 6	20 50	0 41	0 9	2 0	30 10	13 11	0 13	0 30	27 21			n.a.
W 9	4 31	17 25	3 17	9 35	0 57	23 11	5 40	23 26	0 30	19 41	0 44	21 50	1 6	20 50	0 41	0 9	2 0	30 10	13 11	0 14	0 31	27 20			n.a.
T 10	4 55	22 7	4 7	10 15	1 3	23 19	5 41	23 29	0 32	19 40	0 44	21 50	1 6	20 50	0 41	0 8	2 0	30 10	13 11	0 15	0 33	27 19			n.a.
F 11	5 18	25 42	4 44	10 55	1 9	23 26	5 41	23 32	0 34	19 39	0 44	21 50	1 6	20 50	0 41	0 7	2 0	30 11	13 12	0 16	0 34	27 18			n.a.
S 12	5 42	28 1	5 7	11 34	1 15	23 32	5 42	23 35	0 36	19 38	0 43	21 50	1 6	20 50	0 41	0 7	2 0	30 11	13 12	0 16	0 35	27 16			n.a.
S 13	6 6	28 58	5 15	12 13	1 21	23 37	5 41	23 38	0 39	19 38	0 43	21 50	1 6	20 50	0 41	0 6	2 0	30 11	13 13	0 17	0 36	27 15			n.a.
M14	6 29	28 32	5 11	12 51	1 27	23 41	5 41	23 41	0 41	19 37	0 43	21 50	1 6	20 50	0 41	0 5	2 0	30 11	13 13	0 17	0 38	27 14			n.a.
T 15	6 53	26 48	4 52	13 28	1 33	23 44	5 40	23 44	0 43	19 36	0 43	21 50	1 6	20 50	0 41	0 5	2 0	30 11	13 13	0 17	0 39	27 13			n.a.
W16	7 16	23 53	4 22	14 5	1 38	23 46	5 39	23 47	0 45	19 35	0 43	21 49	1 6	20 50	0 41	0 4	2 0	30 11	13 14	0 17	0 40	27 11			n.a.
T 17	7 40	19 55	3 39	14 41	1 44	23 48	5 37	23 50	0 48	19 34	0 43	21 49	1 6	20 50	0 41	0 3	2 0	30 11	13 14	0 17	0 42	27 10			n.a.
F 18	8 3	15 6	2 47	15 16	1 49	23 48	5 35	23 53	0 50	19 33	0 43	21 49	1 6	20 50	0 41	0 3	2 0	30 11	13 15	0 16	0 43	27 9			n.a.
S 19	8 26	9 35	1 45	15 50	1 53	23 47	5 32	23 56	0 52	19 32	0 43	21 49	1 6	20 50	0 41	0 2	2 0	30 11	13 15	0 15	0 44	27 8			n.a.
S 20	8 49	3 34	0 38	16 24	1 58	23 45	5 29	23 58	0 55	19 31	0 43	21 49	1 6	20 50	0 41	0 2	2 0	30 11	13 16	0 15	0 45	27 6			n.a.
M21	9 12	2n45	0n34	16 56	2 3	23 41	5 25	24 1	0 57	19 30	0 43	21 48	1 6	20 49	0 41	0 1	2 0	30 12	13 16	0 15	0 47	27 5			n.a.
T 22	9 34	9 6	1 45	17 28	2 7	23 37	5 21	24 4	1 0	19 29	0 43	21 48	1 6	20 49	0 41	0 0	2 0	30 12	13 17	0 15	0 48	27 4			n.a.
W23	9 57	15 11	2 52	17 58	2 11	23 31	5 16	24 6	1 2	19 27	0 43	21 48	1 6	20 49	0 41	0s 0	2 0	30 12	13 17	0 16	0 49	27 2			n.a.
T 24	10 19	20 37	3 50	18 28	2 14	23 24	5 10	24 9	1 5	19 26	0 43	21 48	1 6	20 49	0 41	0 1	2 0	30 12	13 18	0 18	0 51	27 1			n.a.
F 25	10 41	24 59	4 34	18 56	2 17	23 16	5 4	24 11	1 7	19 25	0 43	21 47	1 6	20 49	0 41	0 2	2 0	30 12	13 18	0 20	0 52	27 0			n.a.
S 26	11 3	27 52	5 3	19 24	2 20	23 7	4 58	24 14	1 10	19 24	0 43	21 47	1 6	20 49	0 41	0 2	2 0	30 13	13 18	0 21	0 53	26 58			n.a.
S 27	11 25	28 56	5 12	19 50	2 22	22 56	4 50	24 16	1 12	19 22	0 43	21 47	1 6	20 49	0 41	0 3	2 0	30 13	13 19	0 23	0 54	26 57			n.a.
M28	11 47	28 3	5 2	20 14	2 24	22 44	4 42	24 18	1 15	19 21	0 43	21 47	1 6	20 49	0 41	0 3	2 0	30 13	13 19	0 24	0 56	26 56			n.a.
T 29	12 8	25 21	4 34	20 38	2 26	22 31	4 34	24 21	1 17	19 20	0 43	21 46	1 6	20 48	0 41	0 4	2 0	30 13	13 20	0 24	0 57	26 54			n.a.
W30	12 30	21 8	3 50	21 0	2 27	22 16	4 25	24 23	1 20	19 18	0 43	21 46	1 6	20 48	0 41	0 4	2 0	30 13	13 20	0 24	0 58	26 53			n.a.
T 31	12s51	15n47	2n52	21s20	2s27	22s 1	4s15	24n25	1n23	19n17	0s43	21n46	1s 6	20s48	0s41	0s 5	2s 0	30n14	13n21	0s24	0s59	26s51			n.a.

Julian Day Number = 1624539.5, Delta T = 03h45m32s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'57, Lahiri = - 7°36'57 Julian Calendar 1 Oct. 266 BCE == Greg. Calendar 27 Sept. 266 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

NOVEMBER 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 22 9	4♏32'55	9♍35	25♏ 5	19°R29	16°R27	27°R57	14°R45	1♒12	4°R19	11♌45	29♓ 3	27♓29	20♉27	n.a.	F 1
S 2	2 26 5	5°33'55	23°15	26°18	19♏ 2	16♊20	27♉50	14♊42	1°13	4♈17	11°46	29°R 4	27°26	20°34	n.a.	S 2
S 3	2 30 2	6°34'57	6♎45	27°28	18°33	16°11	27°43	14°39	1°14	4°16	11°47	29° 4	27°23	20°40	n.a.	S 3
M 4	2 33 58	7°36'00	20° 5	28°36	18° 3	16° 3	27°35	14°35	1°15	4°15	11°47	29° 2	27°20	20°47	n.a.	M 4
T 5	2 37 55	8°37'04	3♏12	29°39	17°31	15°53	27°28	14°32	1°16	4°13	11°47	28°58	27°16	20°54	n.a.	T 5
W 6	2 41 51	9°38'10	16° 6	0♐39	16°58	15°42	27°21	14°28	1°17	4°12	11°48	28°52	27°13	21° 1	n.a.	W 6
T 7	2 45 48	10°39'16	28°47	1°34	16°23	15°30	27°13	14°25	1°18	4°11	11°48	28°44	27°10	21° 7	n.a.	T 7
F 8	2 49 45	11°40'23	11♐14	2°24	15°48	15°18	27° 6	14°21	1°19	4° 9	11°49	28°36	27° 7	21°14	n.a.	F 8
S 9	2 53 41	12°41'31	23°28	3° 8	15°12	15° 5	26°58	14°17	1°20	4° 8	11°49	28°27	27° 4	21°21	n.a.	S 9
S 10	2 57 38	13°42'39	5♑31	3°46	14°36	14°51	26°50	14°13	1°22	4° 7	11°49	28°20	27° 0	21°27	n.a.	S 10
M11	3 1 34	14°43'48	17°26	4°16	14° 0	14°36	26°42	14° 9	1°23	4° 6	11°49	28°14	26°57	21°34	n.a.	M11
T 12	3 5 31	15°44'58	29°17	4°37	13°23	14°21	26°35	14° 5	1°24	4° 5	11°50	28°10	26°54	21°41	n.a.	T 12
W13	3 9 27	16°46'08	11♒ 8	4°49	12°47	14° 5	26°27	14° 1	1°26	4° 3	11°50	28° 9	26°51	21°48	n.a.	W13
T 14	3 13 24	17°47'18	23° 4	4°R51	12°12	13°48	26°19	13°57	1°27	4° 2	11°50	28°D 9	26°48	21°54	n.a.	T 14
F 15	3 17 20	18°48'28	5♓10	4°42	11°38	13°30	26°11	13°53	1°29	4° 1	11°50	28°10	26°45	22° 1	n.a.	F 15
S 16	3 21 17	19°49'39	17°32	4°21	11° 4	13°12	26° 3	13°49	1°30	4° 0	11°50	28°11	26°41	22° 8	n.a.	S 16
S 17	3 25 14	20°50'51	0♈14	3°49	10°32	12°53	25°54	13°44	1°32	3°59	11°50	28°R11	26°38	22°14	n.a.	S 17
M18	3 29 10	21°52'02	13°20	3° 5	10° 1	12°33	25°46	13°40	1°33	3°58	11°R50	28°10	26°35	22°21	n.a.	M18
T 19	3 33 7	22°53'14	26°52	2°11	9°33	12°13	25°38	13°35	1°35	3°57	11°50	28° 7	26°32	22°28	n.a.	T 19
W20	3 37 3	23°54'26	10♉49	1° 7	9° 5	11°52	25°30	13°31	1°37	3°56	11°50	28° 1	26°29	22°35	n.a.	W20
T 21	3 41 0	24°55'39	25° 9	29♏54	8°40	11°31	25°22	13°26	1°39	3°55	11°50	27°53	26°25	22°41	n.a.	T 21
F 22	3 44 56	25°56'52	9♊45	28°36	8°18	11° 9	25°14	13°22	1°40	3°54	11°50	27°43	26°22	22°48	n.a.	F 22
S 23	3 48 53	26°58'05	24°31	27°14	7°57	10°47	25° 6	13°17	1°42	3°53	11°50	27°33	26°19	22°55	n.a.	S 23
S 24	3 52 49	27°59'19	9♋17	25°52	7°39	10°25	24°57	13°12	1°44	3°53	11°50	27°25	26°16	23° 1	n.a.	S 24
M25	3 56 46	29° 0'34	23°57	24°31	7°23	10° 2	24°49	13° 8	1°46	3°52	11°50	27°18	26°13	23° 8	n.a.	M25
T 26	4 0 43	0♐ 1'49	8♌25	23°16	7° 9	9°39	24°41	13° 3	1°48	3°51	11°49	27°13	26°10	23°15	n.a.	T 26
W27	4 4 39	1° 3'04	22°36	22° 7	6°59	9°15	24°33	12°58	1°50	3°50	11°49	27°11	26° 6	23°22	n.a.	W27
T 28	4 8 36	2° 4'20	6♍31	21° 7	6°50	8°52	24°25	12°53	1°52	3°49	11°49	27°D11	26° 3	23°28	n.a.	T 28
F 29	4 12 32	3° 5'36	20° 8	20°16	6°44	8°28	24°17	12°49	1°54	3°49	11°48	27°R11	26° 0	23°35	n.a.	F 29
S 30	4 16 29	4♐ 6'52	3♎30	19♏36	6♏41	8♊ 4	24♉ 9	12♊44	1♒57	3♈48	11♌48	27♓11	25♓57	23♉42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s12	9n41	1n44	21s39	2s27	21s44	4s 4	24n27	1n25	19n15	0s42	21n45	1s 6	20s48	0s41	0s 5	2s 0	30n14	13n21	0s23	1s 1	26s50		n.a.
S 2	13 32	3 12	0 32	21 56	2 26	21 25	3 53	24 29	1 28	19 14	0 42	21 45	1 6	20 48	0 41	0 6	2 0	30 14	13 22	0 23	1 2	26 49		n.a.
S 3	13 53	3s21	0s42	22 11	2 25	21 6	3 42	24 30	1 31	19 12	0 42	21 45	1 6	20 47	0 41	0 6	2 0	30 15	13 22	0 23	1 3	26 47		n.a.
M 4	14 13	9 40	1 52	22 24	2 22	20 46	3 29	24 32	1 33	19 11	0 42	21 44	1 6	20 47	0 41	0 7	1 59	30 15	13 23	0 23	1 5	26 46		n.a.
T 5	14 33	15 27	2 54	22 35	2 19	20 24	3 16	24 34	1 36	19 9	0 42	21 44	1 6	20 47	0 41	0 8	1 59	30 15	13 23	0 25	1 6	26 44		n.a.
W 6	14 53	20 28	3 47	22 44	2 15	20 2	3 3	24 35	1 39	19 7	0 42	21 43	1 6	20 47	0 41	0 8	1 59	30 16	13 24	0 28	1 7	26 43		n.a.
T 7	15 12	24 28	4 27	22 51	2 10	19 38	2 49	24 37	1 42	19 6	0 42	21 43	1 6	20 46	0 40	0 8	1 59	30 16	13 24	0 31	1 8	26 42		n.a.
F 8	15 31	27 15	4 54	22 55	2 4	19 14	2 35	24 38	1 44	19 4	0 42	21 43	1 6	20 46	0 40	0 9	1 59	30 16	13 25	0 34	1 10	26 40		n.a.
S 9	15 50	28 40	5 7	22 56	1 56	18 50	2 20	24 39	1 47	19 2	0 42	21 42	1 6	20 46	0 40	0 9	1 59	30 17	13 25	0 37	1 11	26 39		n.a.
S 10	16 9	28 42	5 5	22 55	1 48	18 24	2 5	24 41	1 50	19 1	0 42	21 42	1 6	20 45	0 40	0 10	1 59	30 17	13 26	0 40	1 12	26 37		n.a.
M11	16 27	27 23	4 51	22 51	1 38	17 59	1 50	24 42	1 53	18 59	0 42	21 41	1 6	20 45	0 40	0 10	1 59	30 17	13 26	0 43	1 14	26 36		n.a.
T 12	16 45	24 51	4 24	22 44	1 26	17 33	1 35	24 42	1 55	18 57	0 41	21 41	1 6	20 45	0 40	0 11	1 59	30 18	13 27	0 44	1 15	26 34		n.a.
W13	17 3	21 15	3 46	22 34	1 13	17 7	1 19	24 43	1 58	18 56	0 41	21 40	1 6	20 44	0 40	0 11	1 59	30 18	13 27	0 45	1 16	26 33		n.a.
T 14	17 20	16 47	2 57	22 20	0 59	16 41	1 3	24 44	2 1	18 54	0 41	21 40	1 6	20 44	0 40	0 12	1 59	30 19	13 28	0 45	1 17	26 31		n.a.
F 15	17 38	11 36	2 1	22 3	0 44	16 16	0 48	24 44	2 3	18 52	0 41	21 40	1 6	20 44	0 40	0 12	1 59	30 19	13 28	0 44	1 19	26 30		n.a.
S 16	17 54	5 51	0 57	21 42	0 27	15 50	0 32	24 45	2 6	18 50	0 41	21 39	1 6	20 43	0 40	0 12	1 59	30 19	13 28	0 44	1 20	26 28		n.a.
S 17	18 11	0n16	0n11	21 18	0 8	15 26	0 17	24 45	2 9	18 48	0 41	21 39	1 5	20 43	0 40	0 13	1 59	30 20	13 29	0 44	1 21	26 27		n.a.
M18	18 27	6 33	1 20	20 51	0n11	15 1	0 2	24 45	2 11	18 47	0 41	21 38	1 5	20 42	0 40	0 13	1 59	30 20	13 29	0 44	1 22	26 25		n.a.
T 19	18 43	12 46	2 27	20 21	0 31	14 38	0n14	24 45	2 14	18 45	0 41	21 38	1 5	20 42	0 40	0 13	1 59	30 21	13 30	0 46	1 24	26 24		n.a.
W20	18 59	18 32	3 28	19 48	0 51	14 15	0 28	24 44	2 17	18 43	0 40	21 37	1 5	20 42	0 40	0 14	1 59	30 21	13 30	0 48	1 25	26 22		n.a.
T 21	19 14	23 25	4 16	19 13	1 11	13 54	0 43	24 44	2 19	18 41	0 40	21 37	1 5	20 41	0 40	0 14	1 59	30 22	13 31	0 51	1 26	26 21		n.a.
F 22	19 29	26 57	4 49	18 37	1 31	13 33	0 57	24 43	2 22	18 39	0 40	21 36	1 5	20 41	0 40	0 14	1 59	30 22	13 31	0 55	1 28	26 19		n.a.
S 23	19 43	28 40	5 3	18 0	1 50	13 13	1 10	24 42	2 24	18 37	0 40	21 36	1 5	20 40	0 40	0 15	1 59	30 23	13 32	0 59	1 29	26 18		n.a.
S 24	19 57	28 21	4 57	17 24	2 7	12 55	1 24	24 42	2 26	18 36	0 40	21 35	1 5	20 40	0 40	0 15	1 59	30 23	13 32	1 3	1 30	26 16		n.a.
M25	20 11	26 2	4 32	16 50	2 22	12 38	1 36	24 40	2 29	18 34	0 40	21 35	1 5	20 39	0 40	0 15	1 58	30 24	13 33	1 5	1 31	26 14		n.a.
T 26	20 24	22 4	3 49	16 19	2 35	12 22	1 49	24 39	2 31	18 32	0 39	21 34	1 5	20 39	0 40	0 16	1 58	30 24	13 33	1 7	1 33	26 13		n.a.
W27	20 37	16 52	2 53	15 51	2 45	12 7	2 0	24 38	2 33	18 30	0 39	21 34	1 5	20 38	0 40	0 16	1 58	30 25	13 34	1 8	1 34	26 11		n.a.
T 28	20 50	10 54	1 48	15 28	2 54	11 54	2 12	24 36	2 35	18 28	0 39	21 33	1 5	20 38	0 40	0 16	1 58	30 25	13 34	1 8	1 35	26 10		n.a.
F 29	21 2	4 32	0 37	15 8	3 0	11 41	2 22	24 34	2 37	18 27	0 39	21 32	1 5	20 37	0 40	0 16	1 58	30 26	13 35	1 8	1 36	26 8		n.a.
S 30	21s14	1s55	0s33	14s54	3n 4	11s31	2n33	24n32	2n39	18n25	0s39	21n32	1s 5	20s37	0s40	0s17	1s58	30n26	13n35	1s 8	1s38	26s 6		n.a.

Julian Day Number = 1624570.5, Delta T = 03h45m31s
Ecliptic obliquity = 23°43'48, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'53, Lahiri = - 7°36'53 Julian Calendar 1 Nov. 266 BCE == Greg. Calendar 28 Oct. 266 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 266 BCE
geocentric

DECEMBER 266 BCE (-265) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 20 25	5♐ 8'08	16♎38	19°R 6	6°D40	7°R40	24°R 1	12°R39	1♒59	3°R47	11°R48	27°R10	25♓54	23♑48	n.a.	S 1
M 2	4 24 22	6° 9'25	29°35	18♏46	6♏42	7♊16	23♉53	12♊34	2° 1	3♈47	11♌47	27♓ 5	25°51	23°55	n.a.	M 2
T 3	4 28 19	7°10'42	12♏20	18°37	6°46	6°52	23°46	12°29	2° 3	3°46	11°47	26°58	25°47	24° 2	n.a.	T 3
W 4	4 32 15	8°11'59	24°55	18°D37	6°52	6°28	23°38	12°24	2° 6	3°46	11°46	26°48	25°44	24° 8	n.a.	W 4
T 5	4 36 12	9°13'16	7♐21	18°45	7° 1	6° 4	23°30	12°19	2° 8	3°45	11°46	26°35	25°41	24°15	n.a.	T 5
F 6	4 40 8	10°14'33	19°37	19° 2	7°12	5°40	23°23	12°14	2°10	3°45	11°45	26°21	25°38	24°22	n.a.	F 6
S 7	4 44 5	11°15'49	1♑44	19°26	7°25	5°17	23°15	12° 9	2°13	3°44	11°45	26° 7	25°35	24°29	n.a.	S 7
S 8	4 48 1	12°17'06	13°43	19°57	7°40	4°54	23° 8	12° 4	2°15	3°44	11°44	25°54	25°31	24°35	n.a.	S 8
M 9	4 51 58	13°18'21	25°36	20°33	7°57	4°31	23° 1	11°59	2°18	3°44	11°44	25°43	25°28	24°42	n.a.	M 9
T 10	4 55 54	14°19'36	7♒25	21°16	8°17	4° 8	22°54	11°54	2°20	3°43	11°43	25°34	25°25	24°49	n.a.	T 10
W11	4 59 51	15°20'51	19°14	22° 2	8°38	3°46	22°47	11°49	2°23	3°43	11°42	25°29	25°22	24°55	n.a.	W11
T 12	5 3 48	16°22'04	1♓ 7	22°54	9° 1	3°25	22°40	11°44	2°26	3°43	11°41	25°26	25°19	25° 2	n.a.	T 12
F 13	5 7 44	17°23'17	13°10	23°49	9°26	3° 4	22°33	11°39	2°28	3°42	11°41	25°25	25°16	25° 9	n.a.	F 13
S 14	5 11 41	18°24'30	25°27	24°47	9°52	2°43	22°26	11°34	2°31	3°42	11°40	25°25	25°12	25°16	n.a.	S 14
S 15	5 15 37	19°25'41	8♈ 4	25°49	10°21	2°23	22°20	11°29	2°34	3°42	11°39	25°25	25° 9	25°22	n.a.	S 15
M16	5 19 34	20°26'51	21° 6	26°53	10°51	2° 3	22°13	11°24	2°36	3°42	11°38	25°23	25° 6	25°29	n.a.	M16
T 17	5 23 30	21°28'01	4♉37	28° 0	11°22	1°45	22° 7	11°20	2°39	3°42	11°37	25°19	25° 3	25°36	n.a.	T 17
W18	5 27 27	22°29'10	18°37	29° 9	11°55	1°26	22° 1	11°15	2°42	3°42	11°37	25°11	25° 0	25°42	n.a.	W18
T 19	5 31 23	23°30'18	3♊ 6	0♐21	12°30	1° 9	21°55	11°10	2°45	3°D42	11°36	25° 2	24°57	25°49	n.a.	T 19
F 20	5 35 20	24°31'25	17°59	1°34	13° 5	0°52	21°49	11° 5	2°48	3°42	11°35	24°50	24°53	25°56	n.a.	F 20
S 21	5 39 17	25°32'31	3♋ 6	2°48	13°43	0°36	21°44	11° 0	2°51	3°42	11°34	24°38	24°50	26° 2	n.a.	S 21
S 22	5 43 13	26°33'37	18°17	4° 5	14°21	0°20	21°38	10°56	2°53	3°42	11°33	24°27	24°47	26° 9	n.a.	S 22
M23	5 47 10	27°34'42	3♌22	5°22	15° 1	0° 6	21°33	10°51	2°56	3°42	11°32	24°18	24°44	26°16	n.a.	M23
T 24	5 51 6	28°35'46	18°11	6°42	15°42	29♉52	21°28	10°46	2°59	3°42	11°31	24°12	24°41	26°23	n.a.	T 24
W25	5 55 3	29°36'49	2♍39	8° 2	16°24	29°39	21°23	10°42	3° 2	3°42	11°30	24° 8	24°38	26°29	n.a.	W25
T 26	5 58 59	0♑37'52	16°43	9°23	17° 7	29°26	21°18	10°37	3° 5	3°43	11°29	24° 7	24°34	26°36	n.a.	T 26
F 27	6 2 56	1°38'54	0♎23	10°46	17°51	29°15	21°13	10°33	3° 8	3°43	11°28	24° 7	24°31	26°43	n.a.	F 27
S 28	6 6 53	2°39'55	13°41	12° 9	18°36	29° 4	21° 9	10°28	3°12	3°43	11°26	24° 7	24°28	26°49	n.a.	S 28
S 29	6 10 49	3°40'55	26°40	13°34	19°23	28°54	21° 4	10°24	3°15	3°44	11°25	24° 5	24°25	26°56	n.a.	S 29
M30	6 14 46	4°41'55	9♏22	14°59	20°10	28°45	21° 0	10°20	3°18	3°44	11°24	24° 1	24°22	27° 3	n.a.	M30
T 31	6 18 42	5♑42'53	21♏52	16♐26	20♏58	28♉36	20♉56	10♊15	3♒21	3♈44	11♌23	23♓53	24♓18	27♑10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21s25	8s10	1s41	14s44	3n 5	11s21	2n42	24n30	2n41	18n23	0s39	21n31	1s 4	20s36	0s40	0s17	1s58	30n27	13n36	1s 9	1s39	26s 5			n.a.
M 2	21 36	13 59	2 43	14 39	3 6	11 13	2 51	24 28	2 43	18 21	0 38	21 31	1 4	20 36	0 40	0 17	1 58	30 27	13 36	1 10	1 40	26 3			n.a.
T 3	21 46	19 8	3 35	14 38	3 4	11 6	3 0	24 26	2 45	18 19	0 38	21 30	1 4	20 35	0 40	0 17	1 58	30 28	13 36	1 13	1 42	26 2			n.a.
W 4	21 56	23 22	4 16	14 40	3 1	11 0	3 8	24 23	2 47	18 18	0 38	21 30	1 4	20 35	0 40	0 17	1 58	30 29	13 37	1 17	1 43	26 0			n.a.
T 5	22 6	26 28	4 44	14 46	2 57	10 56	3 16	24 20	2 48	18 16	0 38	21 29	1 4	20 34	0 40	0 17	1 58	30 29	13 37	1 22	1 44	25 58			n.a.
F 6	22 15	28 16	4 58	14 56	2 52	10 53	3 23	24 18	2 50	18 14	0 38	21 29	1 4	20 34	0 40	0 18	1 58	30 30	13 38	1 28	1 45	25 57			n.a.
S 7	22 24	28 42	4 59	15 8	2 46	10 51	3 30	24 15	2 51	18 12	0 38	21 28	1 4	20 33	0 40	0 18	1 58	30 30	13 38	1 34	1 47	25 55			n.a.
S 8	22 32	27 45	4 46	15 22	2 40	10 50	3 36	24 12	2 53	18 11	0 37	21 27	1 4	20 32	0 40	0 18	1 58	30 31	13 39	1 39	1 48	25 53			n.a.
M 9	22 40	25 33	4 21	15 39	2 33	10 50	3 42	24 9	2 54	18 9	0 37	21 27	1 4	20 32	0 40	0 18	1 58	30 32	13 39	1 43	1 49	25 52			n.a.
T 10	22 48	22 15	3 45	15 57	2 25	10 51	3 48	24 6	2 55	18 7	0 37	21 26	1 4	20 31	0 40	0 18	1 58	30 32	13 40	1 47	1 51	25 50			n.a.
W11	22 55	18 4	2 59	16 17	2 18	10 53	3 53	24 3	2 56	18 6	0 37	21 26	1 3	20 31	0 40	0 18	1 58	30 33	13 40	1 49	1 52	25 48			n.a.
T 12	23 1	13 9	2 5	16 38	2 9	10 56	3 57	24 0	2 58	18 4	0 37	21 25	1 3	20 30	0 40	0 18	1 57	30 33	13 40	1 50	1 53	25 47			n.a.
F 13	23 7	7 41	1 4	17 0	2 1	11 0	4 1	23 56	2 59	18 3	0 36	21 25	1 3	20 29	0 40	0 18	1 57	30 34	13 41	1 50	1 54	25 45			n.a.
S 14	23 13	1 50	0n 0	17 23	1 53	11 4	4 5	23 53	2 59	18 1	0 36	21 24	1 3	20 29	0 40	0 18	1 57	30 35	13 41	1 50	1 56	25 43			n.a.
S 15	23 18	4n15	1 6	17 46	1 44	11 10	4 9	23 50	3 0	18 0	0 36	21 24	1 3	20 28	0 40	0 18	1 57	30 35	13 42	1 51	1 57	25 42			n.a.
M16	23 23	10 21	2 11	18 9	1 35	11 16	4 12	23 47	3 1	17 58	0 36	21 23	1 3	20 27	0 40	0 18	1 57	30 36	13 42	1 51	1 58	25 40			n.a.
T 17	23 27	16 12	3 11	18 33	1 26	11 23	4 15	23 44	3 2	17 57	0 36	21 22	1 3	20 27	0 39	0 18	1 57	30 37	13 43	1 53	1 59	25 38			n.a.
W18	23 31	21 26	4 2	18 57	1 18	11 31	4 17	23 40	3 2	17 55	0 35	21 22	1 3	20 26	0 39	0 18	1 57	30 37	13 43	1 56	2 1	25 36			n.a.
T 19	23 34	25 35	4 38	19 21	1 9	11 40	4 19	23 37	3 3	17 54	0 35	21 21	1 2	20 25	0 39	0 18	1 57	30 38	13 43	2 0	2 2	25 35			n.a.
F 20	23 37	28 7	4 58	19 44	1 0	11 49	4 21	23 34	3 3	17 53	0 35	21 21	1 2	20 25	0 39	0 18	1 57	30 39	13 44	2 5	2 3	25 33			n.a.
S 21	23 39	28 38	4 57	20 8	0 52	11 58	4 22	23 31	3 4	17 52	0 35	21 20	1 2	20 24	0 39	0 18	1 57	30 39	13 44	2 9	2 5	25 31			n.a.
S 22	23 41	27 0	4 35	20 31	0 43	12 9	4 24	23 28	3 4	17 50	0 34	21 20	1 2	20 23	0 39	0 18	1 57	30 40	13 44	2 14	2 6	25 29			n.a.
M23	23 42	23 25	3 54	20 53	0 35	12 19	4 25	23 25	3 4	17 49	0 34	21 19	1 2	20 23	0 39	0 18	1 57	30 41	13 45	2 17	2 7	25 28			n.a.
T 24	23 43	18 22	2 57	21 15	0 26	12 31	4 25	23 22	3 5	17 48	0 34	21 19	1 2	20 22	0 39	0 17	1 57	30 41	13 45	2 20	2 8	25 26			n.a.
W25	23 44	12 22	1 51	21 37	0 18	12 42	4 26	23 19	3 5	17 47	0 34	21 18	1 2	20 21	0 39	0 17	1 57	30 42	13 46	2 21	2 10	25 24			n.a.
T 26	23 44	5 54	0 39	21 58	0 10	12 54	4 26	23 17	3 5	17 46	0 34	21 18	1 1	20 20	0 39	0 17	1 57	30 43	13 46	2 22	2 11	25 22			n.a.
F 27	23 43	0s40	0s33	22 18	0 2	13 7	4 26	23 14	3 5	17 45	0 33	21 17	1 1	20 20	0 39	0 17	1 56	30 43	13 46	2 22	2 12	25 20			n.a.
S 28	23 42	7 1	1 41	22 37	0s 6	13 19	4 25	23 12	3 5	17 44	0 33	21 17	1 1	20 19	0 39	0 17	1 56	30 44	13 47	2 22	2 13	25 19			n.a.
S 29	23 41	12 56	2 43	22 55	0 13	13 32	4 25	23 9	3 5	17 43	0 33	21 16	1 1	20 18	0 39	0 17	1 56	30 45	13 47	2 23	2 15	25 17			n.a.
M30	23 39	18 10	3 35	23 13	0 21	13 46	4 24	23 7	3 5	17 42	0 33	21 16	1 1	20 18	0 39	0 16	1 56	30 45	13 47	2 24	2 16	25 15			n.a.
T 31	23s36	22s33	4s15	23s29	0s28	13s59	4n23	23n 5	3n 5	17n41	0s32	21n15	1s 1	20s17	0s39	0s16	1s56	30n46	13n48	2s27	2s17	25s13			n.a.

Julian Day Number = 1624600.5, Delta T = 03h45m30s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'49, Lahiri = - 7°36'49 Julian Calendar 1 Dec. 266 BCE == Greg. Calendar 27 Nov. 266 BCE

The year -265 astronomical counting style corresponds to year 266 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

JANUARY 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 22 39	6♑43'51	4♐12	17♐53	21♏47	28°R29	20°R53	10°R11	3♒24	3♈45	11°R22	23°R43	24♓15	27♑16	n.a.	W 1
T 2	6 26 35	7°44'48	16°23	19°21	22°36	28♉22	20♉49	10♊ 7	3°27	3°45	11♌21	23♓30	24°12	27°23	n.a.	T 2
F 3	6 30 32	8°45'44	28°28	20°50	23°27	28°16	20°46	10° 3	3°30	3°46	11°19	23°16	24° 9	27°30	n.a.	F 3
S 4	6 34 28	9°46'38	10♑26	22°19	24°18	28°11	20°42	9°59	3°34	3°46	11°18	23° 2	24° 6	27°36	n.a.	S 4
S 5	6 38 25	10°47'31	22°20	23°50	25°10	28° 6	20°39	9°55	3°37	3°47	11°17	22°48	24° 3	27°43	n.a.	S 5
M 6	6 42 22	11°48'23	4♒11	25°21	26° 3	28° 3	20°37	9°51	3°40	3°47	11°15	22°37	23°59	27°50	n.a.	M 6
T 7	6 46 18	12°49'13	16° 0	26°53	26°56	28° 0	20°34	9°48	3°43	3°48	11°14	22°28	23°56	27°56	n.a.	T 7
W 8	6 50 15	13°50'01	27°50	28°26	27°50	27°58	20°32	9°44	3°47	3°49	11°13	22°23	23°53	28° 3	n.a.	W 8
T 9	6 54 11	14°50'48	9♓44	29°59	28°44	27°57	20°29	9°40	3°50	3°49	11°11	22°20	23°50	28°10	n.a.	T 9
F 10	6 58 8	15°51'34	21°46	1♑34	29°39	27°D56	20°27	9°37	3°53	3°50	11°10	22°D19	23°47	28°17	n.a.	F 10
S 11	7 2 4	16°52'17	4♈ 1	3° 9	0♐35	27°57	20°26	9°33	3°57	3°51	11° 9	22°19	23°43	28°23	n.a.	S 11
S 12	7 6 1	17°52'59	16°33	4°45	1°31	27°58	20°24	9°30	4° 0	3°52	11° 7	22°R20	23°40	28°30	n.a.	S 12
M13	7 9 57	18°53'39	29°29	6°22	2°28	27°59	20°23	9°27	4° 3	3°53	11° 6	22°19	23°37	28°37	n.a.	M13
T 14	7 13 54	19°54'17	12♉52	8° 0	3°25	28° 2	20°21	9°24	4° 7	3°53	11° 4	22°17	23°34	28°43	n.a.	T 14
W15	7 17 51	20°54'53	26°44	9°38	4°23	28° 5	20°20	9°20	4°10	3°54	11° 3	22°12	23°31	28°50	n.a.	W15
T 16	7 21 47	21°55'27	11♊ 6	11°18	5°21	28° 9	20°20	9°17	4°14	3°55	11° 2	22° 5	23°28	28°57	n.a.	T 16
F 17	7 25 44	22°56'00	25°56	12°58	6°20	28°14	20°19	9°15	4°17	3°56	11° 0	21°56	23°24	29° 3	n.a.	F 17
S 18	7 29 40	23°56'31	11♋ 5	14°39	7°19	28°19	20°19	9°12	4°20	3°57	10°59	21°47	23°21	29°10	n.a.	S 18
S 19	7 33 37	24°57'00	26°24	16°21	8°18	28°25	20°D19	9° 9	4°24	3°58	10°57	21°38	23°18	29°17	n.a.	S 19
M20	7 37 33	25°57'27	11♌43	18° 4	9°18	28°32	20°19	9° 6	4°27	3°59	10°56	21°31	23°15	29°24	n.a.	M20
T 21	7 41 30	26°57'53	26°49	19°48	10°19	28°39	20°19	9° 4	4°31	4° 0	10°54	21°26	23°12	29°30	n.a.	T 21
W22	7 45 27	27°58'17	11♍34	21°33	11°19	28°47	20°19	9° 2	4°34	4° 2	10°53	21°24	23° 9	29°37	n.a.	W22
T 23	7 49 23	28°58'39	25°54	23°19	12°20	28°55	20°20	8°59	4°38	4° 3	10°51	21°D24	23° 5	29°44	n.a.	T 23
F 24	7 53 20	29°59'00	9♎46	25° 5	13°22	29° 4	20°21	8°57	4°41	4° 4	10°50	21°25	23° 2	29°50	n.a.	F 24
S 25	7 57 16	0♒59'19	23°11	26°53	14°23	29°14	20°22	8°55	4°44	4° 5	10°48	21°26	22°59	29°57	n.a.	S 25
S 26	8 1 13	1°59'36	6♏12	28°42	15°25	29°24	20°23	8°53	4°48	4° 6	10°46	21°R26	22°56	0♒ 4	n.a.	S 26
M27	8 5 9	2°59'53	18°53	0♒31	16°28	29°35	20°24	8°51	4°51	4° 8	10°45	21°24	22°53	0°10	n.a.	M27
T 28	8 9 6	4° 0'07	1♐17	2°22	17°31	29°46	20°26	8°49	4°55	4° 9	10°43	21°21	22°49	0°17	n.a.	T 28
W29	8 13 2	5° 0'20	13°29	4°14	18°34	29°58	20°28	8°48	4°58	4°10	10°42	21°15	22°46	0°24	n.a.	W29
T 30	8 16 59	6° 0'31	25°32	6° 6	19°37	0♊11	20°30	8°46	5° 2	4°12	10°40	21° 8	22°43	0°30	n.a.	T 30
F 31	8 20 56	7♒ 0'41	7♑28	8♒ 0	20♐40	0♊24	20♉32	8♊45	5♒ 5	4♈13	10♌39	20♓59	22♓40	0♒37	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s33	25s53	4s43	23s45	0s35	14s13	4n22	23n 3	3n 4	17n40	0s32	21n15	1s 1	20s16	0s39	0s16	1s56	30n47	13n48	2s31	2s19	25s11			n.a.
T 2	23 30	27 58	4 58	23 59	0 42	14 27	4 21	23 1	3 4	17 40	0 32	21 14	1 0	20 15	0 39	0 16	1 56	30 47	13 48	2 37	2 20	25 10			n.a.
F 3	23 26	28 42	4 59	24 13	0 48	14 41	4 19	23 0	3 4	17 39	0 32	21 14	1 0	20 14	0 39	0 16	1 56	30 48	13 49	2 42	2 21	25 8			n.a.
S 4	23 22	28 5	4 47	24 25	0 55	14 55	4 18	22 58	3 3	17 38	0 32	21 14	1 0	20 14	0 39	0 15	1 56	30 49	13 49	2 48	2 22	25 6			n.a.
S 5	23 17	26 9	4 22	24 36	1 1	15 9	4 16	22 57	3 3	17 38	0 31	21 13	1 0	20 13	0 39	0 15	1 56	30 49	13 49	2 53	2 24	25 4			n.a.
M 6	23 12	23 6	3 46	24 46	1 7	15 23	4 14	22 56	3 3	17 37	0 31	21 13	1 0	20 12	0 39	0 15	1 56	30 50	13 49	2 58	2 25	25 2			n.a.
T 7	23 6	19 6	3 0	24 54	1 13	15 38	4 12	22 55	3 2	17 37	0 31	21 12	1 0	20 11	0 39	0 14	1 56	30 51	13 50	3 1	2 26	25 0			n.a.
W 8	23 0	14 21	2 6	25 1	1 18	15 52	4 9	22 54	3 2	17 36	0 31	21 12	0 59	20 11	0 39	0 14	1 56	30 51	13 50	3 4	2 27	24 58			n.a.
T 9	22 53	9 2	1 7	25 7	1 23	16 6	4 7	22 53	3 1	17 36	0 30	21 12	0 59	20 10	0 39	0 14	1 56	30 52	13 50	3 5	2 29	24 56			n.a.
F 10	22 46	3 21	0 3	25 11	1 28	16 21	4 4	22 52	3 1	17 36	0 30	21 11	0 59	20 9	0 39	0 13	1 56	30 53	13 51	3 5	2 30	24 55			n.a.
S 11	22 39	2n34	1n 2	25 14	1 33	16 35	4 2	22 52	3 0	17 35	0 30	21 11	0 59	20 8	0 39	0 13	1 56	30 53	13 51	3 5	2 31	24 53			n.a.
S 12	22 31	8 31	2 6	25 16	1 37	16 49	3 59	22 51	3 0	17 35	0 30	21 11	0 59	20 7	0 39	0 13	1 55	30 54	13 51	3 5	2 33	24 51			n.a.
M13	22 23	14 18	3 5	25 16	1 41	17 3	3 56	22 51	2 59	17 35	0 30	21 10	0 59	20 7	0 39	0 12	1 55	30 54	13 51	3 5	2 34	24 49			n.a.
T 14	22 14	19 37	3 56	25 14	1 45	17 17	3 53	22 51	2 58	17 35	0 29	21 10	0 58	20 6	0 39	0 12	1 55	30 55	13 52	3 6	2 35	24 47			n.a.
W15	22 5	24 7	4 35	25 10	1 48	17 31	3 50	22 51	2 58	17 35	0 29	21 10	0 58	20 5	0 39	0 11	1 55	30 56	13 52	3 8	2 36	24 45			n.a.
T 16	21 55	27 19	4 59	25 6	1 51	17 45	3 46	22 52	2 57	17 35	0 29	21 9	0 58	20 4	0 39	0 11	1 55	30 56	13 52	3 11	2 38	24 43			n.a.
F 17	21 45	28 43	5 4	24 59	1 54	17 58	3 43	22 52	2 56	17 35	0 29	21 9	0 58	20 3	0 39	0 10	1 55	30 57	13 52	3 14	2 39	24 41			n.a.
S 18	21 35	28 2	4 48	24 51	1 56	18 11	3 39	22 53	2 56	17 35	0 28	21 9	0 58	20 2	0 39	0 10	1 55	30 58	13 52	3 18	2 40	24 39			n.a.
S 19	21 24	25 13	4 11	24 40	1 58	18 24	3 36	22 53	2 55	17 35	0 28	21 9	0 57	20 2	0 39	0 10	1 55	30 58	13 53	3 21	2 41	24 37			n.a.
M20	21 13	20 37	3 16	24 29	2 0	18 37	3 32	22 54	2 54	17 35	0 28	21 8	0 57	20 1	0 39	0 9	1 55	30 59	13 53	3 24	2 43	24 35			n.a.
T 21	21 1	14 43	2 8	24 15	2 1	18 50	3 28	22 55	2 54	17 36	0 28	21 8	0 57	20 0	0 39	0 9	1 55	31 0	13 53	3 26	2 44	24 33			n.a.
W22	20 49	8 7	0 53	23 59	2 2	19 2	3 24	22 56	2 53	17 36	0 28	21 8	0 57	19 59	0 39	0 8	1 55	31 0	13 53	3 27	2 45	24 31			n.a.
T 23	20 37	1 17	0s24	23 42	2 2	19 14	3 21	22 57	2 52	17 36	0 27	21 8	0 57	19 58	0 39	0 8	1 55	31 1	13 53	3 27	2 47	24 29			n.a.
F 24	20 24	5s24	1 37	23 23	2 2	19 26	3 17	22 59	2 51	17 37	0 27	21 8	0 56	19 57	0 39	0 7	1 55	31 1	13 53	3 27	2 48	24 27			n.a.
S 25	20 11	11 37	2 42	23 1	2 2	19 37	3 13	23 0	2 50	17 37	0 27	21 8	0 56	19 57	0 39	0 6	1 55	31 2	13 54	3 26	2 49	24 25			n.a.
S 26	19 57	17 10	3 37	22 38	2 1	19 48	3 8	23 2	2 50	17 38	0 27	21 8	0 56	19 56	0 39	0 6	1 55	31 3	13 54	3 26	2 50	24 23			n.a.
M27	19 44	21 48	4 20	22 13	1 59	19 59	3 4	23 3	2 49	17 38	0 27	21 7	0 56	19 55	0 39	0 5	1 55	31 3	13 54	3 27	2 52	24 21			n.a.
T 28	19 29	25 23	4 49	21 46	1 57	20 9	3 0	23 5	2 48	17 39	0 26	21 7	0 56	19 54	0 39	0 5	1 55	31 4	13 54	3 28	2 53	24 19			n.a.
W29	19 15	27 44	5 5	21 17	1 55	20 19	2 56	23 7	2 47	17 40	0 26	21 7	0 56	19 53	0 39	0 4	1 54	31 4	13 54	3 31	2 54	24 17			n.a.
T 30	19 0	28 46	5 7	20 46	1 52	20 28	2 51	23 9	2 47	17 40	0 26	21 7	0 55	19 52	0 39	0 4	1 54	31 5	13 54	3 33	2 55	24 15			n.a.
F 31	18s45	28s26	4s55	20s14	1s48	20s37	2n47	23n11	2n46	17n41	0s26	21n 7	0s55	19s52	0s39	0s 3	1s54	31n 5	13n54	3s37	2s57	24s13			n.a.

Julian Day Number = 1624631.5, Delta T = 03h45m29s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'45, Lahiri = - 7°36'44 Julian Calendar 1 Jan. 265 BCE == Greg. Calendar 28 Dec. 266 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

FEBRUARY 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 52	8♒ 0'48	19♉20	9♒54	21♐44	0♊37	20♉34	8°R43	5♒ 9	4♈14	10°R37	20°R51	22♓37	0♒44	n.a.	S 1
S 2	8 28 49	9° 0'54	1♒10	11°49	22°48	0°51	20°37	8♊42	5°12	4°16	10♌36	20♓42	22°34	0°51	n.a.	S 2
M 3	8 32 45	10° 0'58	13° 0	13°44	23°52	1° 6	20°39	8°41	5°15	4°17	10°34	20°35	22°30	0°57	n.a.	M 3
T 4	8 36 42	11° 1'00	24°52	15°41	24°57	1°21	20°42	8°40	5°19	4°19	10°32	20°30	22°27	1° 4	n.a.	T 4
W 5	8 40 38	12° 0'59	6♓47	17°37	26° 2	1°36	20°45	8°39	5°22	4°20	10°31	20°27	22°24	1°11	n.a.	W 5
T 6	8 44 35	13° 0'57	18°47	19°34	27° 7	1°52	20°49	8°38	5°26	4°22	10°29	20°D26	22°21	1°17	n.a.	T 6
F 7	8 48 31	14° 0'52	0♈56	21°31	28°12	2° 8	20°52	8°37	5°29	4°23	10°28	20°27	22°18	1°24	n.a.	F 7
S 8	8 52 28	15° 0'45	13°16	23°28	29°17	2°25	20°56	8°37	5°33	4°25	10°26	20°28	22°15	1°31	n.a.	S 8
S 9	8 56 24	16° 0'35	25°52	25°25	0♉23	2°42	21° 0	8°36	5°36	4°27	10°25	20°30	22°11	1°37	n.a.	S 9
M10	9 0 21	17° 0'24	8♉46	27°21	1°28	3° 0	21° 4	8°36	5°39	4°28	10°23	20°31	22° 8	1°44	n.a.	M10
T 11	9 4 18	18° 0'10	22° 4	29°16	2°34	3°18	21° 8	8°36	5°43	4°30	10°21	20°R31	22° 5	1°51	n.a.	T 11
W12	9 8 14	18°59'53	5♊46	1♓10	3°40	3°36	21°12	8°36	5°46	4°32	10°20	20°30	22° 2	1°57	n.a.	W12
T 13	9 12 11	19°59'35	19°55	3° 1	4°47	3°55	21°17	8°D36	5°50	4°33	10°18	20°28	21°59	2° 4	n.a.	T 13
F 14	9 16 7	20°59'14	4♋28	4°51	5°53	4°14	21°22	8°36	5°53	4°35	10°17	20°24	21°55	2°11	n.a.	F 14
S 15	9 20 4	21°58'50	19°23	6°38	7° 0	4°34	21°27	8°36	5°56	4°37	10°15	20°20	21°52	2°18	n.a.	S 15
S 16	9 24 0	22°58'25	4♌31	8°23	8° 6	4°54	21°32	8°36	6° 0	4°39	10°14	20°16	21°49	2°24	n.a.	S 16
M17	9 27 57	23°57'56	19°43	10° 3	9°13	5°14	21°37	8°37	6° 3	4°40	10°12	20°13	21°46	2°31	n.a.	M17
T 18	9 31 53	24°57'26	4♍49	11°40	10°20	5°35	21°42	8°37	6° 6	4°42	10°11	20°11	21°43	2°38	n.a.	T 18
W19	9 35 50	25°56'54	19°40	13°12	11°28	5°56	21°48	8°38	6°10	4°44	10° 9	20°D10	21°40	2°44	n.a.	W19
T 20	9 39 47	26°56'19	4♎ 9	14°39	12°35	6°17	21°54	8°39	6°13	4°46	10° 8	20°11	21°36	2°51	n.a.	T 20
F 21	9 43 43	27°55'43	18°13	16° 1	13°42	6°38	22° 0	8°39	6°16	4°48	10° 6	20°12	21°33	2°58	n.a.	F 21
S 22	9 47 40	28°55'05	1♏48	17°17	14°50	7° 0	22° 6	8°40	6°19	4°50	10° 5	20°14	21°30	3° 4	n.a.	S 22
S 23	9 51 36	29°54'25	14°58	18°28	15°58	7°23	22°12	8°42	6°23	4°52	10° 3	20°15	21°27	3°11	n.a.	S 23
M24	9 55 33	0♓53'43	27°44	19°31	17° 6	7°45	22°18	8°43	6°26	4°53	10° 2	20°R16	21°24	3°18	n.a.	M24
T 25	9 59 29	1°52'59	10♐11	20°29	18°14	8° 8	22°25	8°44	6°29	4°55	10° 0	20°15	21°21	3°24	n.a.	T 25
W26	10 3 26	2°52'13	22°22	21°19	19°22	8°31	22°31	8°45	6°32	4°57	9°59	20°14	21°17	3°31	n.a.	W26
T 27	10 7 22	3°51'26	4♉22	22° 2	20°30	8°54	22°38	8°47	6°36	4°59	9°58	20°13	21°14	3°38	n.a.	T 27
F 28	10 11 19	4°50'36	16°15	22°38	21°38	9°18	22°45	8°49	6°39	5° 1	9°56	20°10	21°11	3°45	n.a.	F 28
S 29	10 15 16	5♓49'45	28♉ 4	23♓ 7	22♉47	9♊42	22♉52	8♊50	6♒42	5♈ 3	9♌55	20♓ 8	21♓ 8	3♒51	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s29	26s47	4s31	19s39	1s44	20s46	2n43	23n13	2n45	17n42	0s25	21n 7	0s55	19s51	0s39	0s 2	1s54	31n 6	13n54	3s40	2s58	24s11		n.a.
S 2	18 13	23 57	3 55	19 2	1 39	20 54	2 38	23 15	2 44	17 43	0 25	21 7	0 55	19 50	0 39	0 2	1 54	31 7	13 55	3 44	2 59	24 9		n.a.
M 3	17 57	20 8	3 9	18 23	1 33	21 1	2 34	23 17	2 43	17 44	0 25	21 7	0 55	19 49	0 39	0 1	1 54	31 7	13 55	3 46	3 0	24 7		n.a.
T 4	17 41	15 30	2 14	17 43	1 27	21 9	2 29	23 20	2 43	17 45	0 25	21 7	0 54	19 48	0 39	0 1	1 54	31 8	13 55	3 48	3 2	24 5		n.a.
W 5	17 24	10 16	1 14	17 1	1 21	21 15	2 25	23 22	2 42	17 46	0 25	21 7	0 54	19 47	0 39	0n 0	1 54	31 8	13 55	3 50	3 3	24 3		n.a.
T 6	17 7	4 38	0 9	16 17	1 13	21 22	2 20	23 25	2 41	17 47	0 24	21 7	0 54	19 46	0 39	0 1	1 54	31 9	13 55	3 50	3 4	24 1		n.a.
F 7	16 49	1n15	0n57	15 32	1 5	21 27	2 16	23 27	2 40	17 48	0 24	21 7	0 54	19 46	0 39	0 1	1 54	31 9	13 55	3 50	3 6	23 59		n.a.
S 8	16 32	7 10	2 1	14 45	0 57	21 33	2 11	23 30	2 39	17 49	0 24	21 7	0 54	19 45	0 39	0 2	1 54	31 10	13 55	3 49	3 7	23 57		n.a.
S 9	16 14	12 55	3 1	13 57	0 48	21 37	2 7	23 33	2 38	17 50	0 24	21 8	0 53	19 44	0 39	0 3	1 54	31 10	13 55	3 49	3 8	23 55		n.a.
M10	15 56	18 17	3 54	13 8	0 38	21 41	2 2	23 35	2 38	17 52	0 24	21 8	0 53	19 43	0 39	0 4	1 54	31 11	13 55	3 48	3 9	23 53		n.a.
T 11	15 37	22 56	4 35	12 18	0 27	21 45	1 57	23 38	2 37	17 53	0 23	21 8	0 53	19 42	0 39	0 4	1 54	31 11	13 55	3 48	3 11	23 51		n.a.
W12	15 19	26 29	5 3	11 27	0 16	21 48	1 53	23 41	2 36	17 54	0 23	21 8	0 53	19 41	0 39	0 5	1 54	31 12	13 55	3 48	3 12	23 49		n.a.
T 13	15 0	28 32	5 13	10 36	0 5	21 51	1 48	23 44	2 35	17 56	0 23	21 8	0 53	19 41	0 39	0 6	1 54	31 12	13 55	3 49	3 13	23 46		n.a.
F 14	14 40	28 43	5 4	9 44	0n 7	21 52	1 43	23 47	2 34	17 57	0 23	21 8	0 52	19 40	0 39	0 6	1 54	31 13	13 55	3 51	3 14	23 44		n.a.
S 15	14 21	26 50	4 34	8 53	0 19	21 54	1 39	23 49	2 34	17 59	0 23	21 9	0 52	19 39	0 39	0 7	1 54	31 13	13 55	3 52	3 16	23 42		n.a.
S 16	14 1	23 0	3 45	8 2	0 32	21 55	1 34	23 52	2 33	18 0	0 22	21 9	0 52	19 38	0 39	0 8	1 54	31 13	13 55	3 54	3 17	23 40		n.a.
M17	13 42	17 36	2 40	7 12	0 45	21 55	1 30	23 55	2 32	18 2	0 22	21 9	0 52	19 37	0 39	0 9	1 54	31 14	13 55	3 55	3 18	23 38		n.a.
T 18	13 22	11 9	1 23	6 23	0 58	21 55	1 25	23 58	2 31	18 3	0 22	21 9	0 52	19 36	0 39	0 9	1 54	31 14	13 55	3 56	3 20	23 36		n.a.
W19	13 1	4 11	0 3	5 35	1 11	21 54	1 20	24 1	2 30	18 5	0 22	21 10	0 51	19 36	0 39	0 10	1 53	31 15	13 55	3 56	3 21	23 34		n.a.
T 20	12 41	2s50	1s16	4 49	1 25	21 52	1 16	24 4	2 30	18 7	0 22	21 10	0 51	19 35	0 39	0 11	1 53	31 15	13 55	3 56	3 22	23 31		n.a.
F 21	12 20	9 30	2 28	4 5	1 38	21 50	1 11	24 7	2 29	18 8	0 21	21 10	0 51	19 34	0 39	0 12	1 53	31 15	13 55	3 56	3 23	23 29		n.a.
S 22	11 59	15 31	3 30	3 23	1 50	21 47	1 7	24 10	2 28	18 10	0 21	21 11	0 51	19 33	0 39	0 13	1 53	31 16	13 55	3 55	3 25	23 27		n.a.
S 23	11 38	20 37	4 18	2 44	2 3	21 44	1 2	24 13	2 27	18 12	0 21	21 11	0 51	19 32	0 39	0 13	1 53	31 16	13 55	3 55	3 26	23 25		n.a.
M24	11 17	24 37	4 52	2 8	2 15	21 40	0 58	24 16	2 26	18 14	0 21	21 11	0 50	19 32	0 39	0 14	1 53	31 17	13 55	3 54	3 27	23 23		n.a.
T 25	10 56	27 22	5 11	1 34	2 27	21 36	0 53	24 19	2 26	18 16	0 21	21 12	0 50	19 31	0 39	0 15	1 53	31 17	13 54	3 54	3 28	23 21		n.a.
W26	10 34	28 45	5 15	1 4	2 38	21 30	0 49	24 22	2 25	18 18	0 21	21 12	0 50	19 30	0 39	0 16	1 53	31 17	13 54	3 55	3 30	23 18		n.a.
T 27	10 13	28 45	5 6	0 38	2 48	21 25	0 44	24 25	2 24	18 20	0 20	21 13	0 50	19 29	0 39	0 17	1 53	31 18	13 54	3 55	3 31	23 16		n.a.
F 28	9 51	27 25	4 44	0 15	2 57	21 18	0 40	24 28	2 23	18 21	0 20	21 13	0 50	19 28	0 40	0 17	1 53	31 18	13 54	3 56	3 32	23 14		n.a.
S 29	9s29	24s52	4s 9	0n 4	3n 6	21s12	0n36	24n31	2n23	18n23	0s20	21n14	0s50	19s28	0s40	0n18	1s53	31n18	13n54	3s57	3s33	23s12		n.a.

Julian Day Number = 1624662.5, Delta T = 03h45m28s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'41, Lahiri = - 7°36'40 Julian Calendar 1 Feb. 265 BCE == Greg. Calendar 28 Jan. 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

MARCH 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 19 12	6♓48'52	9♒54	23♓29	23♉55	10♊ 6	22♉59	8♊52	6♒45	5♈ 5	9°R53	20°R 6	21♓ 5	3♒58	n.a.	S 1
M 2	10 23 9	7°47'56	21°46	23°43	25° 4	10°30	23° 7	8°54	6°48	5° 7	9♌52	20♓ 4	21° 1	4° 5	n.a.	M 2
T 3	10 27 5	8°46'59	3♓43	23°R50	26°13	10°55	23°14	8°56	6°51	5°10	9°51	20° 3	20°58	4°11	n.a.	T 3
W 4	10 31 2	9°45'59	15°46	23°50	27°21	11°20	23°22	8°59	6°54	5°12	9°49	20°D 3	20°55	4°18	n.a.	W 4
T 5	10 34 58	10°44'57	27°59	23°43	28°30	11°45	23°30	9° 1	6°57	5°14	9°48	20° 3	20°52	4°25	n.a.	T 5
F 6	10 38 55	11°43'53	10♈21	23°30	29°39	12°11	23°38	9° 3	7° 0	5°16	9°47	20° 3	20°49	4°31	n.a.	F 6
S 7	10 42 51	12°42'46	22°55	23°10	0♒48	12°36	23°46	9° 6	7° 3	5°18	9°46	20° 4	20°46	4°38	n.a.	S 7
S 8	10 46 48	13°41'38	5♉44	22°45	1°58	13° 2	23°54	9° 8	7° 6	5°20	9°44	20° 4	20°42	4°45	n.a.	S 8
M 9	10 50 44	14°40'27	18°48	22°15	3° 7	13°28	24° 2	9°11	7° 9	5°22	9°43	20° 5	20°39	4°51	n.a.	M 9
T 10	10 54 41	15°39'14	2♊ 9	21°41	4°16	13°55	24°11	9°14	7°12	5°24	9°42	20° 5	20°36	4°58	n.a.	T 10
W11	10 58 38	16°37'58	15°49	21° 2	5°25	14°21	24°19	9°17	7°15	5°26	9°41	20°R 5	20°33	5° 5	n.a.	W11
T 12	11 2 34	17°36'41	29°47	20°21	6°35	14°48	24°28	9°20	7°18	5°29	9°40	20° 5	20°30	5°11	n.a.	T 12
F 13	11 6 31	18°35'20	14♋ 5	19°38	7°44	15°15	24°37	9°23	7°20	5°31	9°38	20° 5	20°27	5°18	n.a.	F 13
S 14	11 10 27	19°33'58	28°38	18°54	8°54	15°42	24°46	9°26	7°23	5°33	9°37	20° 5	20°23	5°25	n.a.	S 14
S 15	11 14 24	20°32'33	13♌23	18° 9	10° 4	16° 9	24°55	9°29	7°26	5°35	9°36	20°D 5	20°20	5°32	n.a.	S 15
M16	11 18 20	21°31'06	28°13	17°25	11°13	16°37	25° 4	9°33	7°29	5°37	9°35	20° 5	20°17	5°38	n.a.	M16
T 17	11 22 17	22°29'36	13♍ 2	16°42	12°23	17° 4	25°13	9°36	7°31	5°40	9°34	20°R 5	20°14	5°45	n.a.	T 17
W18	11 26 13	23°28'05	27°42	16° 1	13°33	17°32	25°23	9°40	7°34	5°42	9°33	20° 5	20°11	5°52	n.a.	W18
T 19	11 30 10	24°26'31	12♎ 7	15°22	14°43	18° 0	25°32	9°43	7°37	5°44	9°32	20° 5	20° 7	5°58	n.a.	T 19
F 20	11 34 7	25°24'56	26°10	14°47	15°53	18°28	25°42	9°47	7°39	5°46	9°31	20° 5	20° 4	6° 5	n.a.	F 20
S 21	11 38 3	26°23'19	9♏50	14°16	17° 3	18°57	25°51	9°51	7°42	5°48	9°30	20° 4	20° 1	6°12	n.a.	S 21
S 22	11 42 0	27°21'40	23° 6	13°49	18°13	19°25	26° 1	9°55	7°44	5°51	9°29	20° 3	19°58	6°18	n.a.	S 22
M23	11 45 56	28°20'00	5♐58	13°26	19°23	19°54	26°11	9°59	7°47	5°53	9°28	20° 2	19°55	6°25	n.a.	M23
T 24	11 49 53	29°18'17	18°29	13° 8	20°34	20°23	26°21	10° 3	7°49	5°55	9°27	20° 2	19°52	6°32	n.a.	T 24
W25	11 53 49	0♈16'34	0♉43	12°54	21°44	20°52	26°31	10° 7	7°52	5°57	9°26	20°D 2	19°48	6°38	n.a.	W25
T 26	11 57 46	1°14'48	12°44	12°46	22°54	21°21	26°41	10°12	7°54	6° 0	9°25	20° 2	19°45	6°45	n.a.	T 26
F 27	12 1 42	2°13'01	24°37	12°D43	24° 5	21°50	26°52	10°16	7°56	6° 2	9°25	20° 3	19°42	6°52	n.a.	F 27
S 28	12 5 39	3°11'13	6♒26	12°44	25°15	22°20	27° 2	10°20	7°59	6° 4	9°24	20° 4	19°39	6°58	n.a.	S 28
S 29	12 9 36	4° 9'23	18°17	12°51	26°26	22°50	27°13	10°25	8° 1	6° 6	9°23	20° 5	19°36	7° 5	n.a.	S 29
M30	12 13 32	5° 7'31	0♓12	13° 2	27°36	23°19	27°23	10°30	8° 3	6° 9	9°22	20° 6	19°32	7°12	n.a.	M30
T 31	12 17 29	6♈ 5'37	12♓16	13♓18	28♒47	23♊49	27♉34	10♊34	8♒ 5	6♈11	9♌22	20♓ 7	19♓29	7♒18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	9s 7	21s15	3s24	0n20	3n13	21s 4	0n31	24n34	2n22	18n25	0s20	21n14	0s49	19s27	0s40	0n19	1s53	31n18	13n54	3s58	3s35	23s10			n.a.
M 2	8 45	16 47	2 30	0 31	3 19	20 56	0 27	24 37	2 21	18 28	0 20	21 15	0 49	19 26	0 40	0 20	1 53	31 19	13 54	3 59	3 36	23 7			n.a.
T 3	8 22	11 39	1 29	0 38	3 24	20 47	0 23	24 40	2 20	18 30	0 19	21 15	0 49	19 25	0 40	0 21	1 53	31 19	13 54	3 59	3 37	23 5			n.a.
W 4	8 0	6 2	0 24	0 41	3 27	20 38	0 19	24 43	2 19	18 32	0 19	21 16	0 49	19 25	0 40	0 22	1 53	31 19	13 54	3 59	3 39	23 3			n.a.
T 5	7 37	0 9	0n44	0 41	3 29	20 28	0 15	24 46	2 19	18 34	0 19	21 16	0 49	19 24	0 40	0 23	1 53	31 19	13 53	3 59	3 40	23 1			n.a.
F 6	7 15	5n50	1 50	0 36	3 30	20 18	0 11	24 48	2 18	18 36	0 19	21 17	0 48	19 23	0 40	0 23	1 53	31 20	13 53	3 59	3 41	22 58			n.a.
S 7	6 52	11 41	2 52	0 27	3 29	20 7	0 7	24 51	2 17	18 38	0 19	21 17	0 48	19 22	0 40	0 24	1 53	31 20	13 53	3 59	3 42	22 56			n.a.
S 8	6 29	17 9	3 47	0 15	3 26	19 55	0 3	24 54	2 16	18 40	0 19	21 18	0 48	19 22	0 40	0 25	1 53	31 20	13 53	3 59	3 44	22 54			n.a.
M 9	6 6	21 58	4 31	0s 1	3 22	19 43	0s 1	24 56	2 16	18 43	0 18	21 18	0 48	19 21	0 40	0 26	1 53	31 20	13 53	3 58	3 45	22 52			n.a.
T 10	5 43	25 46	5 2	0 20	3 16	19 30	0 5	24 59	2 15	18 45	0 18	21 19	0 48	19 20	0 40	0 27	1 53	31 20	13 53	3 58	3 46	22 49			n.a.
W11	5 20	28 12	5 16	0 42	3 9	19 17	0 9	25 1	2 14	18 47	0 18	21 20	0 47	19 19	0 40	0 28	1 53	31 21	13 52	3 58	3 47	22 47			n.a.
T 12	4 57	28 57	5 13	1 7	3 0	19 3	0 13	25 4	2 13	18 50	0 18	21 20	0 47	19 19	0 40	0 29	1 53	31 21	13 52	3 58	3 49	22 45			n.a.
F 13	4 34	27 47	4 50	1 34	2 49	18 49	0 16	25 6	2 13	18 52	0 18	21 21	0 47	19 18	0 40	0 30	1 53	31 21	13 52	3 58	3 50	22 43			n.a.
S 14	4 11	24 44	4 8	2 2	2 38	18 34	0 20	25 8	2 12	18 54	0 18	21 22	0 47	19 17	0 40	0 30	1 53	31 21	13 52	3 58	3 51	22 40			n.a.
S 15	3 47	20 2	3 10	2 31	2 25	18 19	0 23	25 11	2 11	18 57	0 17	21 22	0 47	19 17	0 40	0 31	1 53	31 21	13 51	3 58	3 52	22 38			n.a.
M16	3 24	14 5	1 58	3 2	2 11	18 3	0 27	25 13	2 11	18 59	0 17	21 23	0 47	19 16	0 40	0 32	1 53	31 21	13 51	3 58	3 54	22 36			n.a.
T 17	3 1	7 21	0 39	3 32	1 56	17 47	0 30	25 15	2 10	19 1	0 17	21 24	0 46	19 15	0 40	0 33	1 53	31 21	13 51	3 58	3 55	22 33			n.a.
W18	2 37	0 17	0s42	4 2	1 41	17 30	0 34	25 17	2 9	19 4	0 17	21 24	0 46	19 15	0 40	0 34	1 53	31 21	13 51	3 58	3 56	22 31			n.a.
T 19	2 14	6s40	1 59	4 32	1 25	17 12	0 37	25 19	2 8	19 6	0 17	21 25	0 46	19 14	0 40	0 35	1 53	31 22	13 51	3 58	3 57	22 29			n.a.
F 20	1 51	13 7	3 7	5 1	1 9	16 54	0 40	25 21	2 8	19 9	0 17	21 26	0 46	19 13	0 40	0 36	1 53	31 22	13 50	3 59	3 59	22 26			n.a.
S 21	1 27	18 46	4 2	5 28	0 52	16 36	0 43	25 22	2 7	19 11	0 17	21 27	0 46	19 13	0 40	0 37	1 53	31 22	13 50	3 59	4 0	22 24			n.a.
S 22	1 4	23 19	4 43	5 53	0 36	16 17	0 47	25 24	2 6	19 14	0 16	21 27	0 46	19 12	0 40	0 38	1 53	31 22	13 50	3 59	4 1	22 22			n.a.
M23	0 40	26 36	5 7	6 17	0 20	15 58	0 50	25 26	2 6	19 16	0 16	21 28	0 45	19 11	0 40	0 39	1 53	31 22	13 50	3 59	4 3	22 19			n.a.
T 24	0 17	28 29	5 17	6 39	0 4	15 38	0 52	25 27	2 5	19 19	0 16	21 29	0 45	19 11	0 40	0 39	1 53	31 22	13 49	4 0	4 4	22 17			n.a.
W25	0n 7	28 55	5 11	6 58	0s12	15 18	0 55	25 29	2 4	19 21	0 16	21 30	0 45	19 10	0 40	0 40	1 53	31 22	13 49	4 0	4 5	22 15			n.a.
T 26	0 30	27 58	4 52	7 16	0 27	14 58	0 58	25 30	2 3	19 24	0 16	21 31	0 45	19 10	0 40	0 41	1 53	31 22	13 49	4 0	4 6	22 12			n.a.
F 27	0 54	25 44	4 21	7 30	0 41	14 37	1 1	25 31	2 3	19 26	0 16	21 31	0 45	19 9	0 40	0 42	1 53	31 22	13 49	3 59	4 8	22 10			n.a.
S 28	1 17	22 25	3 39	7 42	0 55	14 15	1 3	25 32	2 2	19 29	0 16	21 32	0 45	19 9	0 40	0 43	1 53	31 22	13 48	3 59	4 9	22 8			n.a.
S 29	1 40	18 11	2 47	7 52	1 8	13 54	1 6	25 33	2 1	19 31	0 15	21 33	0 44	19 8	0 40	0 44	1 53	31 22	13 48	3 58	4 10	22 5			n.a.
M30	2 4	13 13	1 48	7 59	1 21	13 31	1 9	25 34	2 1	19 34	0 15	21 34	0 44	19 7	0 40	0 45	1 53	31 22	13 48	3 58	4 11	22 3			n.a.
T 31	2n27	7s42	0s43	8s 4	1s33	13s 9	1s11	25n35	2n 0	19n37	0s15	21n35	0s44	19s 7	0s40	0n46	1s53	31n22	13n47	3s58	4s13	22s 1			n.a.

Julian Day Number = 1624691.5, Delta T = 03h45m27s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'37, Lahiri = - 7°36'36 Julian Calendar 1 March 265 BCE == Greg. Calendar 26 Feb. 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

APRIL 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 21 25	7♈ 3'42	24♓30	13♓39	29♒57	24♊19	27♉45	10♊39	8♒ 7	6♈13	9°R21	20°R 7	19♓26	7♒25	n.a.	W 1
T 2	12 25 22	8° 1'45	6♈57	14° 4	1♓ 8	24°50	27°55	10°44	8°10	6°15	9♌20	20♓ 6	19°23	7°32	n.a.	T 2
F 3	12 29 18	8°59'46	19°38	14°33	2°19	25°20	28° 6	10°49	8°12	6°18	9°20	20° 5	19°20	7°38	n.a.	F 3
S 4	12 33 15	9°57'46	2♉33	15° 6	3°30	25°50	28°17	10°54	8°14	6°20	9°19	20° 2	19°17	7°45	n.a.	S 4
S 5	12 37 11	10°55'44	15°42	15°43	4°40	26°21	28°29	10°59	8°16	6°22	9°18	19°59	19°13	7°52	n.a.	S 5
M 6	12 41 8	11°53'40	29° 5	16°24	5°51	26°52	28°40	11° 4	8°18	6°24	9°18	19°56	19°10	7°59	n.a.	M 6
T 7	12 45 4	12°51'34	12♊42	17° 9	7° 2	27°23	28°51	11°10	8°20	6°27	9°17	19°53	19° 7	8° 5	n.a.	T 7
W 8	12 49 1	13°49'26	26°30	17°57	8°13	27°53	29° 2	11°15	8°22	6°29	9°17	19°51	19° 4	8°12	n.a.	W 8
T 9	12 52 58	14°47'17	10♋29	18°49	9°24	28°25	29°14	11°20	8°23	6°31	9°16	19°D51	19° 1	8°19	n.a.	T 9
F 10	12 56 54	15°45'05	24°38	19°44	10°35	28°56	29°25	11°26	8°25	6°33	9°16	19°51	18°58	8°25	n.a.	F 10
S 11	13 0 51	16°42'52	8♌54	20°42	11°46	29°27	29°37	11°31	8°27	6°36	9°15	19°52	18°54	8°32	n.a.	S 11
S 12	13 4 47	17°40'37	23°16	21°43	12°57	29°59	29°48	11°37	8°29	6°38	9°15	19°53	18°51	8°39	n.a.	S 12
M13	13 8 44	18°38'20	7♍40	22°47	14° 8	0♋30	0♊ 0	11°43	8°30	6°40	9°15	19°54	18°48	8°45	n.a.	M13
T 14	13 12 40	19°36'01	22° 3	23°54	15°19	1° 2	0°12	11°48	8°32	6°42	9°14	19°R55	18°45	8°52	n.a.	T 14
W15	13 16 37	20°33'41	6♎20	25° 4	16°31	1°34	0°24	11°54	8°33	6°45	9°14	19°54	18°42	8°59	n.a.	W15
T 16	13 20 33	21°31'19	20°26	26°16	17°42	2° 5	0°36	12° 0	8°35	6°47	9°14	19°51	18°38	9° 5	n.a.	T 16
F 17	13 24 30	22°28'56	4♏17	27°31	18°53	2°37	0°48	12° 6	8°37	6°49	9°14	19°48	18°35	9°12	n.a.	F 17
S 18	13 28 27	23°26'31	17°50	28°49	20° 4	3° 9	1° 0	12°12	8°38	6°51	9°13	19°43	18°32	9°19	n.a.	S 18
S 19	13 32 23	24°24'06	1♐ 3	0♈ 9	21°16	3°42	1°12	12°18	8°39	6°53	9°13	19°37	18°29	9°25	n.a.	S 19
M20	13 36 20	25°21'39	13°54	1°32	22°27	4°14	1°24	12°24	8°41	6°55	9°13	19°32	18°26	9°32	n.a.	M20
T 21	13 40 16	26°19'11	26°26	2°57	23°38	4°46	1°36	12°30	8°42	6°58	9°13	19°27	18°23	9°39	n.a.	T 21
W22	13 44 13	27°16'42	8♑42	4°24	24°50	5°19	1°48	12°37	8°43	7° 0	9°13	19°24	18°19	9°45	n.a.	W22
T 23	13 48 9	28°14'13	20°44	5°54	26° 1	5°51	2° 1	12°43	8°45	7° 2	9°13	19°22	18°16	9°52	n.a.	T 23
F 24	13 52 6	29°11'42	2♒38	7°27	27°13	6°24	2°13	12°49	8°46	7° 4	9°D13	19°D22	18°13	9°59	n.a.	F 24
S 25	13 56 2	0♉ 9'10	14°28	9° 1	28°24	6°57	2°25	12°56	8°47	7° 6	9°13	19°23	18°10	10° 5	n.a.	S 25
S 26	13 59 59	1° 6'37	26°20	10°38	29°36	7°30	2°38	13° 2	8°48	7° 8	9°13	19°24	18° 7	10°12	n.a.	S 26
M27	14 3 56	2° 4'04	8♓18	12°18	0♈47	8° 3	2°50	13° 9	8°49	7°10	9°13	19°25	18° 4	10°19	n.a.	M27
T 28	14 7 52	3° 1'29	20°27	14° 0	1°59	8°36	3° 3	13°15	8°50	7°12	9°13	19°R26	18° 0	10°25	n.a.	T 28
W29	14 11 49	3°58'54	2♈50	15°44	3°11	9° 9	3°15	13°22	8°51	7°15	9°13	19°25	17°57	10°32	n.a.	W29
T 30	14 15 45	4♉56'17	15♈30	17♈30	4♈22	9♋42	3♊28	13♊29	8♒52	7♈17	9♌13	19♓22	17♓54	10♒39	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n50	1s50	0n24	8s 6	1s44	12s46	1s13	25n36	1n59	19n39	0s15	21n35	0s44	19s 6	0s40	0n47	1s53	31n21	13n47	3s58	4s14	21s58		n.a.
T 2	3 13	4n11	1 32	8 6	1 54	12 23	1 16	25 36	1 59	19 42	0 15	21 36	0 44	19 6	0 40	0 48	1 53	31 21	13 47	3 58	4 15	21 56		n.a.
F 3	3 36	10 10	2 36	8 3	2 4	11 59	1 18	25 37	1 58	19 44	0 15	21 37	0 44	19 5	0 40	0 48	1 53	31 21	13 47	3 59	4 16	21 53		n.a.
S 4	4 0	15 50	3 33	7 58	2 12	11 35	1 20	25 37	1 57	19 47	0 15	21 38	0 43	19 5	0 40	0 49	1 53	31 21	13 46	4 0	4 18	21 51		n.a.
S 5	4 23	20 53	4 20	7 51	2 20	11 11	1 22	25 37	1 57	19 50	0 14	21 39	0 43	19 4	0 40	0 50	1 53	31 21	13 46	4 1	4 19	21 49		n.a.
M 6	4 45	24 58	4 54	7 41	2 27	10 46	1 24	25 38	1 56	19 52	0 14	21 40	0 43	19 4	0 41	0 51	1 53	31 21	13 46	4 2	4 20	21 46		n.a.
T 7	5 8	27 45	5 12	7 29	2 34	10 21	1 26	25 38	1 55	19 55	0 14	21 41	0 43	19 3	0 41	0 52	1 53	31 21	13 45	4 3	4 21	21 44		n.a.
W 8	5 31	28 53	5 12	7 15	2 39	9 56	1 27	25 37	1 55	19 58	0 14	21 42	0 43	19 3	0 41	0 53	1 53	31 21	13 45	4 4	4 23	21 41		n.a.
T 9	5 54	28 12	4 54	6 59	2 44	9 31	1 29	25 37	1 54	20 0	0 14	21 43	0 43	19 2	0 41	0 54	1 53	31 20	13 45	4 4	4 24	21 39		n.a.
F 10	6 16	25 41	4 18	6 41	2 49	9 5	1 31	25 37	1 53	20 3	0 14	21 43	0 42	19 2	0 41	0 55	1 53	31 20	13 44	4 4	4 25	21 36		n.a.
S 11	6 39	21 34	3 26	6 21	2 52	8 39	1 32	25 36	1 53	20 6	0 14	21 44	0 42	19 1	0 41	0 56	1 53	31 20	13 44	4 4	4 26	21 34		n.a.
S 12	7 1	16 9	2 21	6 0	2 55	8 13	1 34	25 36	1 52	20 8	0 13	21 45	0 42	19 1	0 41	0 56	1 53	31 20	13 44	4 3	4 28	21 32		n.a.
M13	7 23	9 49	1 7	5 36	2 57	7 46	1 35	25 35	1 51	20 11	0 13	21 46	0 42	19 1	0 41	0 57	1 53	31 20	13 43	4 3	4 29	21 29		n.a.
T 14	7 46	3 1	0s12	5 10	2 58	7 20	1 36	25 34	1 51	20 13	0 13	21 47	0 42	19 0	0 41	0 58	1 53	31 19	13 43	4 2	4 30	21 27		n.a.
W15	8 8	3s54	1 29	4 43	2 59	6 53	1 37	25 33	1 50	20 16	0 13	21 48	0 42	19 0	0 41	0 59	1 53	31 19	13 43	4 3	4 32	21 24		n.a.
T 16	8 29	10 32	2 39	4 14	2 59	6 26	1 38	25 32	1 49	20 19	0 13	21 49	0 42	19 0	0 41	1 0	1 53	31 19	13 42	4 4	4 33	21 22		n.a.
F 17	8 51	16 32	3 39	3 43	2 58	5 58	1 39	25 31	1 49	20 21	0 13	21 50	0 41	18 59	0 41	1 1	1 53	31 19	13 42	4 5	4 34	21 19		n.a.
S 18	9 13	21 35	4 25	3 10	2 57	5 31	1 40	25 30	1 48	20 24	0 13	21 51	0 41	18 59	0 41	1 2	1 53	31 18	13 42	4 7	4 35	21 17		n.a.
S 19	9 34	25 25	4 55	2 36	2 55	5 3	1 41	25 28	1 48	20 27	0 13	21 52	0 41	18 58	0 41	1 3	1 53	31 18	13 41	4 10	4 37	21 14		n.a.
M20	9 56	27 52	5 10	2 1	2 52	4 35	1 42	25 27	1 47	20 29	0 12	21 53	0 41	18 58	0 41	1 3	1 53	31 18	13 41	4 12	4 38	21 12		n.a.
T 21	10 17	28 50	5 9	1 23	2 49	4 7	1 43	25 25	1 46	20 32	0 12	21 54	0 41	18 58	0 41	1 4	1 53	31 18	13 41	4 14	4 39	21 9		n.a.
W22	10 38	28 20	4 54	0 45	2 45	3 39	1 43	25 23	1 46	20 34	0 12	21 55	0 41	18 58	0 41	1 5	1 53	31 17	13 40	4 15	4 40	21 7		n.a.
T 23	10 59	26 29	4 26	0 5	2 41	3 11	1 44	25 21	1 45	20 37	0 12	21 56	0 41	18 57	0 41	1 6	1 53	31 17	13 40	4 16	4 42	21 4		n.a.
F 24	11 19	23 29	3 47	0n37	2 36	2 43	1 44	25 19	1 44	20 40	0 12	21 57	0 40	18 57	0 41	1 7	1 53	31 17	13 40	4 16	4 43	21 2		n.a.
S 25	11 40	19 32	2 58	1 19	2 30	2 14	1 45	25 16	1 44	20 42	0 12	21 58	0 40	18 57	0 41	1 8	1 53	31 16	13 39	4 15	4 44	20 59		n.a.
S 26	12 0	14 48	2 2	2 3	2 24	1 46	1 45	25 14	1 43	20 45	0 12	21 58	0 40	18 56	0 41	1 8	1 53	31 16	13 39	4 15	4 45	20 57		n.a.
M27	12 20	9 29	1 0	2 49	2 17	1 17	1 45	25 11	1 42	20 48	0 12	21 59	0 40	18 56	0 41	1 9	1 53	31 16	13 39	4 14	4 47	20 54		n.a.
T 28	12 40	3 45	0n 5	3 35	2 10	0 48	1 45	25 8	1 42	20 50	0 11	22 0	0 40	18 56	0 41	1 10	1 53	31 15	13 38	4 14	4 48	20 52		n.a.
W29	13 0	2n14	1 12	4 23	2 3	0 20	1 45	25 6	1 41	20 53	0 11	22 1	0 40	18 56	0 41	1 11	1 53	31 15	13 38	4 14	4 49	20 49		n.a.
T 30	13n19	8n16	2n16	5n11	1s55	0n 9	1s45	25n 3	1n41	20n55	0s11	22n 2	0s40	18s56	0s41	1n12	1s53	31n14	13n38	4s15	4s50	20s47		n.a.

Julian Day Number = 1624722.5, Delta T = 03h45m26s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'32, Lahiri = - 7°36'32 Julian Calendar 1 Apr. 265 BCE == Greg. Calendar 28 March 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

MAY 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 19 42	5♉53'40	28♈29	19♈19	5♈34	10♋15	3♊41	13♊35	8♒53	7♈19	9♌13	19°R17	17♓51	10♒45	n.a.	F 1
S 2	14 23 38	6°51'02	11♉47	21°10	6°46	10°49	3°54	13°42	8°53	7°21	9°14	19♓11	17°48	10°52	n.a.	S 2
S 3	14 27 35	7°48'23	25°22	23° 3	7°58	11°22	4° 6	13°49	8°54	7°23	9°14	19° 3	17°44	10°59	n.a.	S 3
M 4	14 31 31	8°45'43	9♊10	24°59	9° 9	11°56	4°19	13°56	8°55	7°25	9°14	18°55	17°41	11° 5	n.a.	M 4
T 5	14 35 28	9°43'02	23°10	26°56	10°21	12°29	4°32	14° 3	8°56	7°27	9°15	18°48	17°38	11°12	n.a.	T 5
W 6	14 39 25	10°40'20	7♋17	28°56	11°33	13° 3	4°45	14°10	8°56	7°29	9°15	18°42	17°35	11°19	n.a.	W 6
T 7	14 43 21	11°37'37	21°27	0♉58	12°45	13°37	4°58	14°17	8°57	7°31	9°15	18°38	17°32	11°25	n.a.	T 7
F 8	14 47 18	12°34'53	5♌38	3° 2	13°57	14°11	5°11	14°24	8°57	7°33	9°16	18°36	17°29	11°32	n.a.	F 8
S 9	14 51 14	13°32'08	19°48	5° 7	15° 9	14°45	5°24	14°31	8°58	7°34	9°16	18°D36	17°25	11°39	n.a.	S 9
S 10	14 55 11	14°29'21	3♍55	7°14	16°21	15°19	5°37	14°38	8°58	7°36	9°17	18°37	17°22	11°46	n.a.	S 10
M11	14 59 7	15°26'34	17°58	9°22	17°33	15°53	5°50	14°45	8°59	7°38	9°17	18°R38	17°19	11°52	n.a.	M11
T 12	15 3 4	16°23'46	1♎56	11°32	18°45	16°27	6° 3	14°52	8°59	7°40	9°18	18°37	17°16	11°59	n.a.	T 12
W13	15 7 1	17°20'56	15°47	13°42	19°57	17° 2	6°16	15° 0	8°59	7°42	9°18	18°34	17°13	12° 6	n.a.	W13
T 14	15 10 57	18°18'06	29°29	15°53	21° 9	17°36	6°29	15° 7	8°59	7°44	9°19	18°29	17° 9	12°12	n.a.	T 14
F 15	15 14 54	19°15'16	12♏59	18° 5	22°21	18°10	6°43	15°14	9° 0	7°46	9°19	18°21	17° 6	12°19	n.a.	F 15
S 16	15 18 50	20°12'25	26°15	20°16	23°33	18°45	6°56	15°21	9° 0	7°47	9°20	18°11	17° 3	12°26	n.a.	S 16
S 17	15 22 47	21° 9'33	9♐15	22°28	24°45	19°19	7° 9	15°29	9° 0	7°49	9°21	18° 1	17° 0	12°32	n.a.	S 17
M18	15 26 43	22° 6'42	21°59	24°39	25°57	19°54	7°22	15°36	9°R 0	7°51	9°21	17°50	16°57	12°39	n.a.	M18
T 19	15 30 40	23° 3'50	4♑26	26°49	27° 9	20°29	7°36	15°44	9° 0	7°53	9°22	17°41	16°54	12°46	n.a.	T 19
W20	15 34 36	24° 0'57	16°39	28°59	28°22	21° 4	7°49	15°51	9° 0	7°54	9°23	17°33	16°50	12°52	n.a.	W20
T 21	15 38 33	24°58'05	28°40	1♊ 7	29°34	21°39	8° 2	15°59	9° 0	7°56	9°24	17°27	16°47	12°59	n.a.	T 21
F 22	15 42 30	25°55'12	10♒33	3°14	0♉46	22°13	8°16	16° 6	8°59	7°58	9°25	17°24	16°44	13° 6	n.a.	F 22
S 23	15 46 26	26°52'19	22°22	5°20	1°59	22°48	8°29	16°14	8°59	7°59	9°25	17°D23	16°41	13°12	n.a.	S 23
S 24	15 50 23	27°49'27	4♓14	7°24	3°11	23°24	8°42	16°21	8°59	8° 1	9°26	17°23	16°38	13°19	n.a.	S 24
M25	15 54 19	28°46'34	16°12	9°26	4°23	23°59	8°56	16°29	8°59	8° 2	9°27	17°R23	16°35	13°26	n.a.	M25
T 26	15 58 16	29°43'41	28°23	11°26	5°36	24°34	9° 9	16°36	8°58	8° 4	9°28	17°23	16°31	13°32	n.a.	T 26
W27	16 2 12	0♊40'49	10♈52	13°25	6°48	25° 9	9°23	16°44	8°58	8° 6	9°29	17°21	16°28	13°39	n.a.	W27
T 28	16 6 9	1°37'56	23°41	15°21	8° 1	25°45	9°36	16°51	8°57	8° 7	9°30	17°16	16°25	13°46	n.a.	T 28
F 29	16 10 5	2°35'04	6♉53	17°16	9°13	26°20	9°49	16°59	8°57	8° 9	9°31	17° 9	16°22	13°52	n.a.	F 29
S 30	16 14 2	3°32'11	20°29	19° 9	10°26	26°55	10° 3	17° 7	8°56	8°10	9°32	17° 0	16°19	13°59	n.a.	S 30
S 31	16 17 59	4♊29'19	4♊26	20♊59	11♉38	27♋31	10♊16	17♊15	8♒56	8♈11	9♌33	16♓49	16♓15	14♒ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n39	14n 6	3n15	6n 1	1s46	0n38	1s45	24n59	1n40	20n58	0s11	22n 3	0s40	18s55	0s41	1n12	1s53	31n14	13n37	4s17	4s52	20s44		n.a.
S 2	13 58	19 25	4 4	6 52	1 37	1 7	1 45	24 56	1 39	21 0	0 11	22 4	0 39	18 55	0 41	1 13	1 53	31 14	13 37	4 20	4 53	20 41		n.a.
S 3	14 17	23 53	4 41	7 43	1 28	1 36	1 45	24 53	1 39	21 3	0 11	22 5	0 39	18 55	0 41	1 14	1 53	31 13	13 36	4 23	4 54	20 39		n.a.
M 4	14 36	27 4	5 2	8 35	1 18	2 5	1 44	24 49	1 38	21 5	0 11	22 6	0 39	18 55	0 42	1 15	1 53	31 13	13 36	4 26	4 55	20 36		n.a.
T 5	14 54	28 38	5 6	9 27	1 8	2 33	1 44	24 45	1 37	21 8	0 11	22 7	0 39	18 55	0 42	1 15	1 53	31 12	13 36	4 29	4 57	20 34		n.a.
W 6	15 12	28 22	4 51	10 20	0 58	3 2	1 43	24 41	1 37	21 10	0 10	22 8	0 39	18 55	0 42	1 16	1 53	31 12	13 35	4 31	4 58	20 31		n.a.
T 7	15 30	26 15	4 18	11 13	0 47	3 31	1 43	24 37	1 36	21 13	0 10	22 9	0 39	18 54	0 42	1 17	1 53	31 12	13 35	4 33	4 59	20 29		n.a.
F 8	15 48	22 28	3 30	12 6	0 37	4 0	1 42	24 33	1 36	21 15	0 10	22 10	0 39	18 54	0 42	1 18	1 53	31 11	13 35	4 34	5 0	20 26		n.a.
S 9	16 6	17 24	2 28	12 59	0 26	4 29	1 42	24 29	1 35	21 18	0 10	22 11	0 39	18 54	0 42	1 18	1 53	31 11	13 34	4 34	5 2	20 23		n.a.
S 10	16 23	11 24	1 18	13 51	0 15	4 57	1 41	24 24	1 34	21 20	0 10	22 12	0 38	18 54	0 42	1 19	1 54	31 10	13 34	4 33	5 3	20 21		n.a.
M11	16 40	4 52	0 4	14 43	0 4	5 26	1 40	24 19	1 34	21 23	0 10	22 13	0 38	18 54	0 42	1 20	1 54	31 10	13 34	4 33	5 4	20 18		n.a.
T 12	16 57	1s51	1s11	15 35	0n 7	5 54	1 39	24 15	1 33	21 25	0 10	22 14	0 38	18 54	0 42	1 21	1 54	31 9	13 33	4 33	5 5	20 16		n.a.
W13	17 13	8 26	2 20	16 25	0 17	6 23	1 38	24 10	1 33	21 27	0 10	22 15	0 38	18 54	0 42	1 21	1 54	31 9	13 33	4 35	5 7	20 13		n.a.
T 14	17 29	14 32	3 20	17 14	0 27	6 51	1 37	24 5	1 32	21 30	0 10	22 16	0 38	18 54	0 42	1 22	1 54	31 8	13 33	4 37	5 8	20 10		n.a.
F 15	17 45	19 51	4 8	18 1	0 37	7 19	1 36	23 59	1 31	21 32	0 9	22 16	0 38	18 54	0 42	1 23	1 54	31 8	13 32	4 40	5 9	20 8		n.a.
S 16	18 1	24 6	4 42	18 47	0 47	7 47	1 35	23 54	1 31	21 35	0 9	22 17	0 38	18 54	0 42	1 23	1 54	31 7	13 32	4 43	5 10	20 5		n.a.
S 17	18 16	27 2	5 0	19 31	0 56	8 15	1 34	23 48	1 30	21 37	0 9	22 18	0 38	18 54	0 42	1 24	1 54	31 7	13 32	4 48	5 12	20 3		n.a.
M18	18 31	28 31	5 2	20 13	1 5	8 43	1 32	23 43	1 30	21 39	0 9	22 19	0 37	18 54	0 42	1 25	1 54	31 6	13 31	4 52	5 13	20 0		n.a.
T 19	18 46	28 30	4 51	20 52	1 13	9 10	1 31	23 37	1 29	21 42	0 9	22 20	0 37	18 54	0 42	1 25	1 54	31 6	13 31	4 56	5 14	19 57		n.a.
W20	19 0	27 4	4 26	21 29	1 21	9 38	1 30	23 31	1 28	21 44	0 9	22 21	0 37	18 54	0 42	1 26	1 54	31 5	13 31	4 59	5 15	19 55		n.a.
T 21	19 14	24 25	3 49	22 4	1 28	10 5	1 28	23 25	1 28	21 46	0 9	22 22	0 37	18 54	0 42	1 26	1 54	31 5	13 30	5 1	5 17	19 52		n.a.
F 22	19 28	20 44	3 3	22 36	1 34	10 32	1 27	23 18	1 27	21 48	0 9	22 23	0 37	18 54	0 42	1 27	1 54	31 4	13 30	5 2	5 18	19 49		n.a.
S 23	19 42	16 15	2 9	23 5	1 40	10 59	1 25	23 12	1 27	21 51	0 9	22 24	0 37	18 54	0 42	1 28	1 54	31 3	13 30	5 3	5 19	19 47		n.a.
S 24	19 55	11 9	1 9	23 32	1 45	11 25	1 23	23 5	1 26	21 53	0 8	22 25	0 37	18 55	0 42	1 28	1 54	31 3	13 29	5 3	5 20	19 44		n.a.
M25	20 8	5 36	0 6	23 56	1 49	11 52	1 22	22 58	1 25	21 55	0 8	22 26	0 37	18 55	0 42	1 29	1 54	31 2	13 29	5 2	5 22	19 41		n.a.
T 26	20 20	0n14	0n58	24 17	1 52	12 18	1 20	22 51	1 25	21 57	0 8	22 26	0 37	18 55	0 42	1 29	1 54	31 2	13 29	5 3	5 23	19 39		n.a.
W27	20 32	6 12	2 1	24 36	1 55	12 43	1 18	22 44	1 24	21 59	0 8	22 27	0 36	18 55	0 42	1 30	1 54	31 1	13 28	5 3	5 24	19 36		n.a.
T 28	20 44	12 5	3 0	24 52	1 57	13 9	1 16	22 37	1 24	22 2	0 8	22 28	0 36	18 55	0 42	1 31	1 54	31 1	13 28	5 5	5 25	19 33		n.a.
F 29	20 56	17 36	3 51	25 5	1 59	13 34	1 14	22 30	1 23	22 4	0 8	22 29	0 36	18 55	0 42	1 31	1 54	31 0	13 28	5 8	5 27	19 31		n.a.
S 30	21 7	22 25	4 30	25 16	2 0	13 59	1 12	22 22	1 22	22 6	0 8	22 30	0 36	18 55	0 43	1 32	1 54	30 59	13 27	5 12	5 28	19 28		n.a.
S 31	21n18	26n 6	4n54	25n25	2n 0	14n23	1s10	22n15	1n22	22n 8	0s 8	22n31	0s36	18s56	0s43	1n32	1s55	30n59	13n27	5s16	5s29	19s25		n.a.

Julian Day Number = 1624752.5, Delta T = 03h45m24s
Ecliptic obliquity = 23°43'48, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'28, Lahiri = - 7°36'28 Julian Calendar 1 May 265 BCE == Greg. Calendar 27 Apr. 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

JUNE 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 21 55	5♊26'27	18♊41	22♊47	12♉51	28♋ 7	10♊30	17♊22	8°R55	8♈13	9♌34	16°R38	16♓12	14♒12	n.a.	M 1
T 2	16 25 52	6°23'35	3♋ 7	24°34	14° 3	28°42	10°43	17°30	8♒54	8°14	9°35	16♓27	16° 9	14°19	n.a.	T 2
W 3	16 29 48	7°20'43	17°38	26°18	15°16	29°18	10°57	17°38	8°54	8°16	9°37	16°19	16° 6	14°26	n.a.	W 3
T 4	16 33 45	8°17'50	2♌ 8	28° 0	16°29	29°54	11°10	17°45	8°53	8°17	9°38	16°13	16° 3	14°32	n.a.	T 4
F 5	16 37 41	9°14'58	16°31	29°40	17°41	0♌30	11°24	17°53	8°52	8°18	9°39	16° 9	16° 0	14°39	n.a.	F 5
S 6	16 41 38	10°12'05	0♍46	1♋18	18°54	1° 6	11°37	18° 1	8°51	8°20	9°40	16° 8	15°56	14°46	n.a.	S 6
S 7	16 45 35	11° 9'12	14°49	2°54	20° 7	1°42	11°51	18° 9	8°50	8°21	9°41	16° 8	15°53	14°52	n.a.	S 7
M 8	16 49 31	12° 6'19	28°41	4°28	21°20	2°18	12° 4	18°17	8°49	8°22	9°43	16° 8	15°50	14°59	n.a.	M 8
T 9	16 53 28	13° 3'27	12♎22	6° 0	22°33	2°54	12°18	18°24	8°48	8°23	9°44	16° 6	15°47	15° 6	n.a.	T 9
W10	16 57 24	14° 0'34	25°51	7°29	23°45	3°30	12°31	18°32	8°47	8°24	9°45	16° 2	15°44	15°12	n.a.	W10
T 11	17 1 21	14°57'41	9♏10	8°57	24°58	4° 7	12°45	18°40	8°46	8°26	9°47	15°55	15°41	15°19	n.a.	T 11
F 12	17 5 17	15°54'49	22°17	10°22	26°11	4°43	12°58	18°48	8°45	8°27	9°48	15°46	15°37	15°26	n.a.	F 12
S 13	17 9 14	16°51'56	5♐13	11°45	27°24	5°19	13°12	18°56	8°44	8°28	9°49	15°34	15°34	15°32	n.a.	S 13
S 14	17 13 10	17°49'05	17°56	13° 6	28°37	5°56	13°25	19° 3	8°43	8°29	9°51	15°21	15°31	15°39	n.a.	S 14
M15	17 17 7	18°46'14	0♑26	14°24	29°50	6°32	13°39	19°11	8°41	8°30	9°52	15° 9	15°28	15°46	n.a.	M15
T 16	17 21 4	19°43'23	12°44	15°40	1♊ 3	7° 9	13°52	19°19	8°40	8°31	9°54	14°57	15°25	15°52	n.a.	T 16
W17	17 25 0	20°40'33	24°50	16°54	2°16	7°46	14° 6	19°27	8°39	8°32	9°55	14°47	15°21	15°59	n.a.	W17
T 18	17 28 57	21°37'44	6♒47	18° 5	3°29	8°22	14°19	19°35	8°38	8°33	9°57	14°39	15°18	16° 6	n.a.	T 18
F 19	17 32 53	22°34'55	18°38	19°14	4°42	8°59	14°32	19°42	8°36	8°34	9°58	14°35	15°15	16°12	n.a.	F 19
S 20	17 36 50	23°32'07	0♓26	20°20	5°55	9°36	14°46	19°50	8°35	8°35	10° 0	14°32	15°12	16°19	n.a.	S 20
S 21	17 40 46	24°29'20	12°16	21°24	7° 9	10°13	14°59	19°58	8°33	8°35	10° 1	14°D32	15° 9	16°26	n.a.	S 21
M22	17 44 43	25°26'34	24°13	22°24	8°22	10°50	15°13	20° 6	8°32	8°36	10° 3	14°R32	15° 6	16°32	n.a.	M22
T 23	17 48 39	26°23'49	6♈24	23°22	9°35	11°27	15°26	20°14	8°30	8°37	10° 5	14°32	15° 2	16°39	n.a.	T 23
W24	17 52 36	27°21'06	18°52	24°17	10°48	12° 4	15°39	20°21	8°28	8°38	10° 6	14°30	14°59	16°46	n.a.	W24
T 25	17 56 33	28°18'23	1♉43	25° 8	12° 2	12°41	15°53	20°29	8°27	8°38	10° 8	14°26	14°56	16°52	n.a.	T 25
F 26	18 0 29	29°15'41	15° 1	25°57	13°15	13°18	16° 6	20°37	8°25	8°39	10°10	14°20	14°53	16°59	n.a.	F 26
S 27	18 4 26	0♋13'01	28°45	26°42	14°28	13°55	16°19	20°45	8°23	8°40	10°11	14°11	14°50	17° 6	n.a.	S 27
S 28	18 8 22	1°10'21	12♊56	27°23	15°42	14°33	16°32	20°53	8°22	8°40	10°13	14° 1	14°47	17°12	n.a.	S 28
M29	18 12 19	2° 7'43	27°28	28° 0	16°55	15°10	16°46	21° 0	8°20	8°41	10°15	13°51	14°43	17°19	n.a.	M29
T 30	18 16 15	3♋ 5'05	12♋16	28♋34	18♊ 9	15♌47	16♊59	21♊ 8	8♒18	8♈42	10♌16	13♓41	14♓40	17♒26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n28	28n14	5n 1	25n31	1n59	14n48	1s 8	22n 7	1n21	22n10	0s 8	22n31	0s36	18s56	0s43	1n33	1s55	30n58	13n27	5s20	5s30	19s23		n.a.
T 2	21 38	28 30	4 48	25 35	1 58	15 12	1 6	21 59	1 21	22 12	0 8	22 32	0 36	18 56	0 43	1 33	1 55	30 57	13 26	5 24	5 32	19 20		n.a.
W 3	21 48	26 48	4 18	25 37	1 56	15 35	1 4	21 51	1 20	22 14	0 7	22 33	0 36	18 56	0 43	1 34	1 55	30 57	13 26	5 28	5 33	19 17		n.a.
T 4	21 57	23 20	3 30	25 36	1 54	15 58	1 2	21 43	1 19	22 16	0 7	22 34	0 36	18 57	0 43	1 34	1 55	30 56	13 26	5 30	5 34	19 15		n.a.
F 5	22 6	18 27	2 30	25 34	1 50	16 21	1 0	21 34	1 19	22 18	0 7	22 35	0 36	18 57	0 43	1 35	1 55	30 56	13 26	5 32	5 35	19 12		n.a.
S 6	22 15	12 35	1 20	25 30	1 47	16 44	0 58	21 26	1 18	22 20	0 7	22 36	0 35	18 57	0 43	1 35	1 55	30 55	13 25	5 32	5 37	19 9		n.a.
S 7	22 23	6 9	0 7	25 24	1 43	17 6	0 56	21 17	1 18	22 22	0 7	22 36	0 35	18 57	0 43	1 36	1 55	30 54	13 25	5 32	5 38	19 6		n.a.
M 8	22 31	0s29	1s 6	25 17	1 38	17 27	0 53	21 8	1 17	22 24	0 7	22 37	0 35	18 58	0 43	1 36	1 55	30 54	13 25	5 32	5 39	19 4		n.a.
T 9	22 38	6 59	2 14	25 8	1 32	17 48	0 51	20 59	1 16	22 26	0 7	22 38	0 35	18 58	0 43	1 36	1 55	30 53	13 24	5 33	5 40	19 1		n.a.
W10	22 46	13 6	3 13	24 57	1 27	18 9	0 49	20 50	1 16	22 28	0 7	22 39	0 35	18 58	0 43	1 37	1 55	30 52	13 24	5 34	5 42	18 58		n.a.
T 11	22 52	18 31	4 1	24 45	1 20	18 29	0 46	20 41	1 15	22 30	0 7	22 39	0 35	18 59	0 43	1 37	1 55	30 52	13 24	5 37	5 43	18 55		n.a.
F 12	22 58	23 0	4 36	24 32	1 13	18 49	0 44	20 31	1 15	22 31	0 6	22 40	0 35	18 59	0 43	1 38	1 55	30 51	13 24	5 41	5 44	18 53		n.a.
S 13	23 4	26 16	4 55	24 18	1 6	19 8	0 42	20 22	1 14	22 33	0 6	22 41	0 35	18 59	0 43	1 38	1 55	30 50	13 23	5 45	5 45	18 50		n.a.
S 14	23 10	28 9	5 0	24 2	0 58	19 27	0 39	20 12	1 13	22 35	0 6	22 42	0 35	19 0	0 43	1 38	1 55	30 50	13 23	5 50	5 47	18 47		n.a.
M15	23 15	28 33	4 50	23 46	0 50	19 46	0 37	20 2	1 13	22 37	0 6	22 42	0 35	19 0	0 43	1 39	1 55	30 49	13 23	5 55	5 48	18 44		n.a.
T 16	23 20	27 31	4 26	23 29	0 41	20 3	0 34	19 52	1 12	22 38	0 6	22 43	0 35	19 0	0 43	1 39	1 55	30 48	13 23	6 0	5 49	18 42		n.a.
W17	23 24	25 12	3 51	23 11	0 32	20 21	0 32	19 42	1 12	22 40	0 6	22 44	0 34	19 1	0 43	1 39	1 56	30 48	13 22	6 4	5 50	18 39		n.a.
T 18	23 28	21 47	3 6	22 52	0 22	20 37	0 30	19 32	1 11	22 42	0 6	22 45	0 34	19 1	0 43	1 40	1 56	30 47	13 22	6 7	5 52	18 36		n.a.
F 19	23 31	17 31	2 13	22 32	0 13	20 54	0 27	19 22	1 10	22 44	0 6	22 45	0 34	19 1	0 43	1 40	1 56	30 46	13 22	6 9	5 53	18 33		n.a.
S 20	23 34	12 36	1 14	22 12	0 2	21 9	0 25	19 11	1 10	22 45	0 6	22 46	0 34	19 2	0 43	1 40	1 56	30 46	13 22	6 9	5 54	18 31		n.a.
S 21	23 37	7 14	0 12	21 52	0s 8	21 24	0 22	19 0	1 9	22 47	0 6	22 47	0 34	19 2	0 43	1 41	1 56	30 45	13 21	6 10	5 55	18 28		n.a.
M22	23 39	1 32	0n51	21 31	0 19	21 39	0 20	18 50	1 9	22 48	0 5	22 47	0 34	19 3	0 43	1 41	1 56	30 44	13 21	6 10	5 57	18 25		n.a.
T 23	23 41	4n18	1 53	21 10	0 31	21 53	0 17	18 39	1 8	22 50	0 5	22 48	0 34	19 3	0 43	1 41	1 56	30 44	13 21	6 10	5 58	18 22		n.a.
W24	23 42	10 7	2 51	20 49	0 42	22 6	0 15	18 28	1 7	22 52	0 5	22 49	0 34	19 4	0 43	1 41	1 56	30 43	13 21	6 10	5 59	18 19		n.a.
T 25	23 43	15 41	3 43	20 28	0 54	22 18	0 12	18 16	1 7	22 53	0 5	22 49	0 34	19 4	0 43	1 42	1 56	30 42	13 21	6 12	6 0	18 17		n.a.
F 26	23 44	20 44	4 24	20 8	1 7	22 30	0 10	18 5	1 6	22 55	0 5	22 50	0 34	19 5	0 43	1 42	1 56	30 42	13 20	6 14	6 1	18 14		n.a.
S 27	23 44	24 51	4 51	19 47	1 19	22 42	0 7	17 54	1 6	22 56	0 5	22 51	0 34	19 5	0 43	1 42	1 56	30 41	13 20	6 18	6 3	18 11		n.a.
S 28	23 43	27 37	5 2	19 26	1 32	22 53	0 5	17 42	1 5	22 58	0 5	22 51	0 34	19 6	0 43	1 42	1 56	30 40	13 20	6 22	6 4	18 8		n.a.
M29	23 43	28 36	4 54	19 7	1 44	23 3	0 2	17 30	1 4	22 59	0 5	22 52	0 33	19 6	0 44	1 42	1 56	30 40	13 20	6 26	6 5	18 5		n.a.
T 30	23n42	27n34	4n26	18n47	1s57	23n12	0n 0	17n19	1n 4	23n 0	0s 5	22n52	0s33	19s 7	0s44	1n42	1s56	30n39	13n20	6s30	6s 6	18s 3		n.a.

Julian Day Number = 1624783.5, Delta T = 03h45m23s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'24, Lahiri = - 7°36'24 Julian Calendar 1 June 265 BCE == Greg. Calendar 28 May 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

JULY 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 20 12	4♋ 2'29	27♋11	29♋ 4	19♊22	16♌25	17♊12	21♊16	8°R16	8♈42	10♌18	13°R32	14♓37	17♒32	n.a.	W 1
T 2	18 24 9	4°59'53	12♌ 3	29°29	20°36	17° 3	17°25	21°23	8♒14	8°43	10°20	13♓27	14°34	17°39	n.a.	T 2
F 3	18 28 5	5°57'18	26°46	29°49	21°49	17°40	17°38	21°31	8°13	8°43	10°22	13°24	14°31	17°46	n.a.	F 3
S 4	18 32 2	6°54'44	11♍14	0♌ 5	23° 3	18°18	17°52	21°39	8°11	8°44	10°24	13°D23	14°27	17°52	n.a.	S 4
S 5	18 35 58	7°52'11	25°24	0°17	24°17	18°56	18° 5	21°46	8° 9	8°44	10°25	13°23	14°24	17°59	n.a.	S 5
M 6	18 39 55	8°49'38	9♎16	0°23	25°30	19°33	18°18	21°54	8° 7	8°44	10°27	13°R23	14°21	18° 6	n.a.	M 6
T 7	18 43 51	9°47'07	22°50	0°R24	26°44	20°11	18°31	22° 2	8° 5	8°45	10°29	13°22	14°18	18°12	n.a.	T 7
W 8	18 47 48	10°44'36	6♏ 7	0°19	27°58	20°49	18°44	22° 9	8° 3	8°45	10°31	13°20	14°15	18°19	n.a.	W 8
T 9	18 51 44	11°42'07	19°10	0°10	29°11	21°27	18°56	22°17	8° 1	8°45	10°33	13°15	14°12	18°25	n.a.	T 9
F 10	18 55 41	12°39'38	1♐59	29♋54	0♋25	22° 5	19° 9	22°24	7°59	8°45	10°35	13° 7	14° 8	18°32	n.a.	F 10
S 11	18 59 38	13°37'10	14°36	29°34	1°39	22°43	19°22	22°32	7°56	8°46	10°37	12°58	14° 5	18°39	n.a.	S 11
S 12	19 3 34	14°34'44	27° 2	29° 8	2°53	23°21	19°35	22°39	7°54	8°46	10°39	12°47	14° 2	18°45	n.a.	S 12
M13	19 7 31	15°32'19	9♑18	28°37	4° 7	24° 0	19°48	22°47	7°52	8°46	10°40	12°37	13°59	18°52	n.a.	M13
T 14	19 11 27	16°29'55	21°25	28° 1	5°21	24°38	20° 1	22°54	7°50	8°46	10°42	12°27	13°56	18°59	n.a.	T 14
W15	19 15 24	17°27'33	3♒23	27°21	6°34	25°16	20°13	23° 1	7°48	8°46	10°44	12°19	13°53	19° 5	n.a.	W15
T 16	19 19 20	18°25'12	15°15	26°37	7°48	25°54	20°26	23° 9	7°46	8°46	10°46	12°13	13°49	19°12	n.a.	T 16
F 17	19 23 17	19°22'53	27° 3	25°49	9° 2	26°33	20°38	23°16	7°43	8°R46	10°48	12°10	13°46	19°19	n.a.	F 17
S 18	19 27 13	20°20'35	8♓50	25° 0	10°16	27°11	20°51	23°23	7°41	8°46	10°50	12°D 9	13°43	19°25	n.a.	S 18
S 19	19 31 10	21°18'19	20°40	24° 8	11°30	27°50	21° 3	23°31	7°39	8°46	10°52	12° 9	13°40	19°32	n.a.	S 19
M20	19 35 7	22°16'04	2♈37	23°16	12°45	28°29	21°16	23°38	7°37	8°46	10°54	12°10	13°37	19°39	n.a.	M20
T 21	19 39 3	23°13'52	14°46	22°24	13°59	29° 7	21°28	23°45	7°34	8°46	10°56	12°11	13°33	19°45	n.a.	T 21
W22	19 43 0	24°11'41	27°13	21°33	15°13	29°46	21°41	23°52	7°32	8°46	10°58	12°R11	13°30	19°52	n.a.	W22
T 23	19 46 56	25° 9'32	10♉ 1	20°45	16°27	0♍25	21°53	23°59	7°30	8°46	11° 0	12°10	13°27	19°59	n.a.	T 23
F 24	19 50 53	26° 7'25	23°16	20° 1	17°41	1° 4	22° 5	24° 6	7°27	8°45	11° 2	12° 7	13°24	20° 5	n.a.	F 24
S 25	19 54 49	27° 5'20	6♊59	19°21	18°55	1°43	22°17	24°13	7°25	8°45	11° 4	12° 3	13°21	20°12	n.a.	S 25
S 26	19 58 46	28° 3'17	21°10	18°46	20°10	2°21	22°29	24°20	7°23	8°45	11° 7	11°57	13°18	20°19	n.a.	S 26
M27	20 2 42	29° 1'16	5♋47	18°17	21°24	3° 1	22°42	24°27	7°20	8°44	11° 9	11°50	13°14	20°25	n.a.	M27
T 28	20 6 39	29°59'17	20°44	17°55	22°38	3°40	22°54	24°34	7°18	8°44	11°11	11°44	13°11	20°32	n.a.	T 28
W29	20 10 36	0♌57'19	5♌52	17°41	23°53	4°19	23° 5	24°41	7°16	8°44	11°13	11°39	13° 8	20°39	n.a.	W29
T 30	20 14 32	1°55'23	21° 2	17°D34	25° 7	4°58	23°17	24°48	7°13	8°43	11°15	11°35	13° 5	20°45	n.a.	T 30
F 31	20 18 29	2♌53'29	6♍ 3	17♋36	26♋22	5♍37	23♊29	24♊54	7♒11	8♈43	11♌17	11°D34	13♓ 2	20♒52	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n40	24n34	3n39	18n28	2s10	23n21	0n 3	17n 7	1n 3	23n 2	0s 5	22n53	0s33	19s 7	0s44	1n43	1s56	30n38	13n19	6s33	6s 8	18s 0			n.a.
T 2	23 38	19 55	2 38	18 11	2 23	23 29	0 5	16 55	1 3	23 3	0 4	22 54	0 33	19 8	0 44	1 43	1 57	30 38	13 19	6 35	6 9	17 57			n.a.
F 3	23 36	14 6	1 27	17 54	2 36	23 36	0 8	16 42	1 2	23 4	0 4	22 54	0 33	19 8	0 44	1 43	1 57	30 37	13 19	6 36	6 10	17 54			n.a.
S 4	23 33	7 37	0 11	17 38	2 49	23 43	0 10	16 30	1 1	23 6	0 4	22 55	0 33	19 9	0 44	1 43	1 57	30 36	13 19	6 37	6 11	17 51			n.a.
S 5	23 30	0 53	1s 4	17 23	3 2	23 49	0 13	16 18	1 1	23 7	0 4	22 55	0 33	19 9	0 44	1 43	1 57	30 36	13 19	6 37	6 13	17 48			n.a.
M 6	23 26	5s45	2 13	17 9	3 14	23 54	0 15	16 5	1 0	23 8	0 4	22 56	0 33	19 10	0 44	1 43	1 57	30 35	13 19	6 36	6 14	17 46			n.a.
T 7	23 22	11 59	3 14	16 58	3 26	23 59	0 18	15 52	1 0	23 10	0 4	22 56	0 33	19 10	0 44	1 43	1 57	30 34	13 19	6 37	6 15	17 43			n.a.
W 8	23 17	17 32	4 3	16 47	3 38	24 3	0 20	15 39	0 59	23 11	0 4	22 57	0 33	19 11	0 44	1 43	1 57	30 34	13 18	6 38	6 16	17 40			n.a.
T 9	23 12	22 10	4 38	16 38	3 49	24 6	0 22	15 27	0 58	23 12	0 4	22 57	0 33	19 11	0 44	1 43	1 57	30 33	13 18	6 40	6 18	17 37			n.a.
F 10	23 7	25 41	4 59	16 32	3 59	24 8	0 25	15 14	0 58	23 13	0 4	22 58	0 33	19 12	0 44	1 43	1 57	30 32	13 18	6 43	6 19	17 34			n.a.
S 11	23 1	27 52	5 4	16 27	4 8	24 10	0 27	15 0	0 57	23 14	0 4	22 58	0 33	19 12	0 44	1 43	1 57	30 31	13 18	6 46	6 20	17 31			n.a.
S 12	22 55	28 37	4 55	16 24	4 17	24 11	0 29	14 47	0 57	23 15	0 3	22 59	0 33	19 13	0 44	1 43	1 57	30 31	13 18	6 50	6 21	17 28			n.a.
M13	22 49	27 56	4 32	16 23	4 24	24 11	0 31	14 34	0 56	23 17	0 3	22 59	0 32	19 14	0 44	1 43	1 57	30 30	13 18	6 54	6 23	17 26			n.a.
T 14	22 42	25 55	3 58	16 24	4 30	24 11	0 34	14 20	0 55	23 18	0 3	23 0	0 32	19 14	0 44	1 43	1 57	30 29	13 18	6 58	6 24	17 23			n.a.
W15	22 34	22 45	3 13	16 27	4 35	24 10	0 36	14 7	0 55	23 19	0 3	23 0	0 32	19 15	0 44	1 43	1 57	30 29	13 18	7 1	6 25	17 20			n.a.
T 16	22 27	18 41	2 19	16 33	4 37	24 8	0 38	13 53	0 54	23 20	0 3	23 1	0 32	19 15	0 44	1 43	1 57	30 28	13 17	7 3	6 26	17 17			n.a.
F 17	22 19	13 54	1 20	16 40	4 39	24 5	0 40	13 39	0 54	23 21	0 3	23 1	0 32	19 16	0 44	1 43	1 58	30 27	13 17	7 5	6 27	17 14			n.a.
S 18	22 10	8 38	0 18	16 50	4 38	24 2	0 42	13 25	0 53	23 22	0 3	23 2	0 32	19 17	0 44	1 43	1 58	30 27	13 17	7 5	6 29	17 11			n.a.
S 19	22 1	3 3	0n46	17 1	4 36	23 58	0 44	13 11	0 52	23 23	0 3	23 2	0 32	19 17	0 44	1 43	1 58	30 26	13 17	7 5	6 30	17 8			n.a.
M20	21 52	2n42	1 48	17 14	4 32	23 53	0 46	12 57	0 52	23 24	0 3	23 2	0 32	19 18	0 44	1 43	1 58	30 25	13 17	7 5	6 31	17 5			n.a.
T 21	21 42	8 27	2 47	17 29	4 25	23 47	0 48	12 43	0 51	23 25	0 3	23 3	0 32	19 18	0 44	1 43	1 58	30 25	13 17	7 4	6 32	17 2			n.a.
W22	21 32	14 0	3 39	17 45	4 17	23 41	0 50	12 29	0 50	23 25	0 2	23 3	0 32	19 19	0 44	1 43	1 58	30 24	13 17	7 4	6 34	17 0			n.a.
T 23	21 22	19 8	4 22	18 2	4 7	23 34	0 52	12 14	0 50	23 26	0 2	23 4	0 32	19 20	0 44	1 43	1 58	30 23	13 17	7 5	6 35	16 57			n.a.
F 24	21 11	23 32	4 53	18 20	3 56	23 26	0 54	12 0	0 49	23 27	0 2	23 4	0 32	19 20	0 44	1 42	1 58	30 23	13 17	7 6	6 36	16 54			n.a.
S 25	21 0	26 48	5 8	18 38	3 43	23 18	0 56	11 45	0 49	23 28	0 2	23 4	0 32	19 21	0 44	1 42	1 58	30 22	13 17	7 8	6 37	16 51			n.a.
S 26	20 48	28 30	5 5	18 57	3 29	23 9	0 58	11 30	0 48	23 29	0 2	23 5	0 32	19 22	0 44	1 42	1 58	30 22	13 17	7 10	6 39	16 48			n.a.
M27	20 36	28 19	4 43	19 16	3 13	22 59	0 59	11 16	0 47	23 30	0 2	23 5	0 32	19 22	0 44	1 42	1 58	30 21	13 17	7 12	6 40	16 45			n.a.
T 28	20 24	26 4	4 1	19 36	2 57	22 48	1 1	11 1	0 47	23 30	0 2	23 5	0 32	19 23	0 44	1 42	1 58	30 20	13 17	7 15	6 41	16 42			n.a.
W29	20 11	21 58	3 2	19 54	2 40	22 37	1 3	10 46	0 46	23 31	0 2	23 6	0 31	19 23	0 44	1 42	1 58	30 20	13 17	7 17	6 42	16 39			n.a.
T 30	19 58	16 23	1 49	20 13	2 22	22 25	1 4	10 31	0 46	23 32	0 2	23 6	0 31	19 24	0 44	1 41	1 58	30 19	13 17	7 18	6 44	16 36			n.a.
F 31	19n45	9n52	0n30	20n30	2s 4	22n13	1n 6	10n15	0n45	23n33	0s 1	23n 6	0s31	19s25	0s44	1n41	1s58	30n18	13n17	7s19	6s45	16s33			n.a.

Julian Day Number = 1624813.5, Delta T = 03h45m22s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'20, Lahiri = - 7°36'20 Julian Calendar 1 July 265 BCE == Greg. Calendar 27 June 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

AUGUST 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 22 25	3♌51'36	20♍48	17♋46	27♋36	6♍17	23♊41	25♊ 1	7°R 8	8°R42	11♌19	11♓34	12♓59	20♒59	n.a.	S 1
S 2	20 26 22	4°49'44	5♎13	18° 4	28°50	6°56	23°53	25° 8	7♒ 6	8♈42	11°21	11°35	12°55	21° 5	n.a.	S 2
M 3	20 30 18	5°47'55	19°14	18°31	0♌ 5	7°35	24° 4	25°14	7° 4	8°41	11°23	11°37	12°52	21°12	n.a.	M 3
T 4	20 34 15	6°46'07	2♏51	19° 6	1°19	8°15	24°16	25°21	7° 1	8°41	11°25	11°R37	12°49	21°19	n.a.	T 4
W 5	20 38 11	7°44'20	16° 6	19°50	2°34	8°55	24°27	25°27	6°59	8°40	11°27	11°37	12°46	21°25	n.a.	W 5
T 6	20 42 8	8°42'35	29° 2	20°41	3°49	9°34	24°39	25°34	6°56	8°39	11°30	11°35	12°43	21°32	n.a.	T 6
F 7	20 46 5	9°40'52	11♐40	21°39	5° 3	10°14	24°50	25°40	6°54	8°39	11°32	11°32	12°39	21°39	n.a.	F 7
S 8	20 50 1	10°39'10	24° 5	22°45	6°18	10°54	25° 1	25°47	6°52	8°38	11°34	11°28	12°36	21°45	n.a.	S 8
S 9	20 53 58	11°37'30	6♑18	23°57	7°32	11°33	25°12	25°53	6°49	8°37	11°36	11°23	12°33	21°52	n.a.	S 9
M10	20 57 54	12°35'52	18°21	25°15	8°47	12°13	25°23	25°59	6°47	8°37	11°38	11°18	12°30	21°59	n.a.	M10
T 11	21 1 51	13°34'16	0♒18	26°39	10° 2	12°53	25°34	26° 5	6°44	8°36	11°40	11°13	12°27	22° 5	n.a.	T 11
W12	21 5 47	14°32'42	12°10	28° 8	11°16	13°33	25°45	26°11	6°42	8°35	11°42	11° 9	12°24	22°12	n.a.	W12
T 13	21 9 44	15°31'09	23°59	29°41	12°31	14°13	25°56	26°17	6°40	8°34	11°44	11° 7	12°20	22°19	n.a.	T 13
F 14	21 13 40	16°29'39	5♓47	1♌18	13°46	14°53	26° 7	26°23	6°37	8°33	11°46	11°D 6	12°17	22°25	n.a.	F 14
S 15	21 17 37	17°28'10	17°36	2°58	15° 0	15°33	26°17	26°29	6°35	8°32	11°49	11° 6	12°14	22°32	n.a.	S 15
S 16	21 21 34	18°26'44	29°29	4°42	16°15	16°14	26°28	26°35	6°33	8°31	11°51	11° 7	12°11	22°38	n.a.	S 16
M17	21 25 30	19°25'20	11♈30	6°27	17°30	16°54	26°38	26°41	6°30	8°31	11°53	11° 8	12° 8	22°45	n.a.	M17
T 18	21 29 27	20°23'58	23°42	8°14	18°45	17°34	26°49	26°46	6°28	8°30	11°55	11°10	12° 5	22°52	n.a.	T 18
W19	21 33 23	21°22'39	6♉ 9	10° 3	20° 0	18°15	26°59	26°52	6°26	8°29	11°57	11°11	12° 1	22°58	n.a.	W19
T 20	21 37 20	22°21'22	18°55	11°53	21°15	18°55	27° 9	26°58	6°23	8°27	11°59	11°R12	11°58	23° 5	n.a.	T 20
F 21	21 41 16	23°20'07	2♊ 4	13°43	22°29	19°36	27°19	27° 3	6°21	8°26	12° 1	11°12	11°55	23°12	n.a.	F 21
S 22	21 45 13	24°18'55	15°39	15°34	23°44	20°16	27°29	27° 9	6°19	8°25	12° 3	11°11	11°52	23°18	n.a.	S 22
S 23	21 49 9	25°17'45	29°41	17°26	24°59	20°57	27°39	27°14	6°17	8°24	12° 5	11° 9	11°49	23°25	n.a.	S 23
M24	21 53 6	26°16'38	14♋ 9	19°17	26°14	21°37	27°49	27°19	6°14	8°23	12° 7	11° 7	11°45	23°32	n.a.	M24
T 25	21 57 3	27°15'32	28°59	21° 8	27°29	22°18	27°58	27°24	6°12	8°22	12° 9	11° 5	11°42	23°38	n.a.	T 25
W26	22 0 59	28°14'30	14♌ 5	22°58	28°44	22°59	28° 8	27°30	6°10	8°21	12°11	11° 4	11°39	23°45	n.a.	W26
T 27	22 4 56	29°13'29	29°18	24°49	29°59	23°40	28°17	27°35	6° 8	8°20	12°13	11° 3	11°36	23°52	n.a.	T 27
F 28	22 8 52	0♍12'30	14♍27	26°38	1♍14	24°21	28°27	27°40	6° 6	8°18	12°16	11°D 3	11°33	23°58	n.a.	F 28
S 29	22 12 49	1°11'33	29°25	28°27	2°29	25° 2	28°36	27°44	6° 4	8°17	12°18	11° 3	11°30	24° 5	n.a.	S 29
S 30	22 16 45	2°10'39	14♎ 3	0♍16	3°44	25°43	28°45	27°49	6° 2	8°16	12°20	11° 4	11°26	24°12	n.a.	S 30
M31	22 20 42	3♍ 9'46	28♎17	2♍ 3	4♍59	26♍24	28♊54	27♊54	5♒59	8♈14	12♌22	11♓ 5	11♓23	24♒18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n31	2n55	0s50	20n47	1s46	21n59	1n 7	10n 0	0n44	23n33	0s 1	23n 7	0s31	19s25	0s44	1n41	1s59	30n18	13n17	7s19	6s46	16s30		n.a.
S 2	19 17	4s 1	2 5	21 2	1 28	21 45	1 9	9 45	0 44	23 34	0 1	23 7	0 31	19 26	0 44	1 41	1 59	30 17	13 17	7 18	6 47	16 27		n.a.
M 3	19 3	10 33	3 11	21 16	1 11	21 31	1 10	9 29	0 43	23 35	0 1	23 7	0 31	19 26	0 44	1 40	1 59	30 17	13 17	7 18	6 48	16 24		n.a.
T 4	18 48	16 25	4 4	21 28	0 53	21 16	1 11	9 14	0 42	23 35	0 1	23 8	0 31	19 27	0 44	1 40	1 59	30 16	13 17	7 17	6 50	16 21		n.a.
W 5	18 33	21 21	4 42	21 38	0 37	21 0	1 12	8 58	0 42	23 36	0 1	23 8	0 31	19 28	0 44	1 40	1 59	30 15	13 17	7 17	6 51	16 18		n.a.
T 6	18 18	25 8	5 5	21 47	0 21	20 44	1 14	8 43	0 41	23 36	0 1	23 8	0 31	19 28	0 44	1 39	1 59	30 15	13 17	7 18	6 52	16 16		n.a.
F 7	18 2	27 37	5 12	21 53	0 5	20 27	1 15	8 27	0 41	23 37	0 1	23 9	0 31	19 29	0 44	1 39	1 59	30 14	13 17	7 19	6 53	16 13		n.a.
S 8	17 47	28 40	5 5	21 56	0n 9	20 9	1 16	8 11	0 40	23 37	0 1	23 9	0 31	19 30	0 44	1 39	1 59	30 14	13 17	7 21	6 55	16 10		n.a.
S 9	17 30	28 18	4 44	21 57	0 23	19 51	1 17	7 55	0 39	23 38	0 1	23 9	0 31	19 30	0 44	1 38	1 59	30 13	13 17	7 23	6 56	16 7		n.a.
M10	17 14	26 35	4 10	21 56	0 36	19 32	1 18	7 39	0 39	23 38	0 0	23 9	0 31	19 31	0 44	1 38	1 59	30 12	13 17	7 25	6 57	16 4		n.a.
T 11	16 57	23 40	3 25	21 51	0 47	19 13	1 19	7 23	0 38	23 39	0 0	23 10	0 31	19 31	0 44	1 38	1 59	30 12	13 17	7 27	6 58	16 1		n.a.
W12	16 40	19 47	2 32	21 44	0 58	18 53	1 19	7 7	0 38	23 39	0 0	23 10	0 31	19 32	0 44	1 37	1 59	30 11	13 17	7 28	6 59	15 58		n.a.
T 13	16 23	15 9	1 33	21 34	1 8	18 32	1 20	6 51	0 37	23 40	0 0	23 10	0 31	19 33	0 44	1 37	1 59	30 11	13 17	7 29	7 1	15 55		n.a.
F 14	16 5	9 57	0 29	21 21	1 16	18 11	1 21	6 35	0 36	23 40	0n 0	23 10	0 31	19 33	0 44	1 36	1 59	30 10	13 18	7 29	7 2	15 52		n.a.
S 15	15 47	4 25	0n36	21 5	1 24	17 50	1 22	6 18	0 36	23 41	0 0	23 10	0 31	19 34	0 44	1 36	1 59	30 10	13 18	7 29	7 3	15 49		n.a.
S 16	15 29	1n19	1 40	20 47	1 30	17 28	1 22	6 2	0 35	23 41	0 0	23 11	0 31	19 34	0 44	1 36	1 59	30 9	13 18	7 29	7 4	15 46		n.a.
M17	15 10	7 3	2 40	20 26	1 36	17 5	1 23	5 46	0 34	23 42	0 0	23 11	0 30	19 35	0 44	1 35	1 59	30 9	13 18	7 29	7 6	15 43		n.a.
T 18	14 52	12 37	3 34	20 2	1 40	16 42	1 23	5 29	0 34	23 42	0 0	23 11	0 30	19 36	0 44	1 35	2 0	30 8	13 18	7 28	7 7	15 40		n.a.
W19	14 33	17 48	4 19	19 37	1 44	16 19	1 24	5 13	0 33	23 42	0 1	23 11	0 30	19 36	0 44	1 34	2 0	30 8	13 18	7 27	7 8	15 37		n.a.
T 20	14 14	22 21	4 53	19 9	1 47	15 55	1 24	4 56	0 33	23 43	0 1	23 11	0 30	19 37	0 44	1 34	2 0	30 7	13 18	7 27	7 9	15 34		n.a.
F 21	13 54	25 55	5 12	18 38	1 49	15 30	1 24	4 39	0 32	23 43	0 1	23 12	0 30	19 37	0 44	1 33	2 0	30 7	13 18	7 27	7 11	15 31		n.a.
S 22	13 35	28 10	5 15	18 7	1 50	15 6	1 24	4 23	0 31	23 43	0 1	23 12	0 30	19 38	0 44	1 33	2 0	30 6	13 19	7 28	7 12	15 28		n.a.
S 23	13 15	28 44	5 0	17 33	1 50	14 40	1 24	4 6	0 31	23 44	0 1	23 12	0 30	19 38	0 44	1 32	2 0	30 6	13 19	7 28	7 13	15 25		n.a.
M24	12 55	27 22	4 26	16 58	1 50	14 15	1 25	3 49	0 30	23 44	0 1	23 12	0 30	19 39	0 44	1 32	2 0	30 5	13 19	7 29	7 14	15 22		n.a.
T 25	12 34	24 4	3 33	16 21	1 49	13 49	1 25	3 32	0 29	23 44	0 1	23 12	0 30	19 40	0 44	1 31	2 0	30 5	13 19	7 30	7 15	15 19		n.a.
W26	12 14	19 6	2 24	15 43	1 48	13 22	1 24	3 15	0 29	23 44	0 1	23 12	0 30	19 40	0 44	1 31	2 0	30 4	13 19	7 30	7 17	15 16		n.a.
T 27	11 53	12 52	1 5	15 4	1 46	12 56	1 24	2 58	0 28	23 45	0 2	23 12	0 30	19 41	0 44	1 30	2 0	30 4	13 19	7 30	7 18	15 13		n.a.
F 28	11 32	5 54	0s19	14 24	1 44	12 28	1 24	2 41	0 27	23 45	0 2	23 13	0 30	19 41	0 44	1 30	2 0	30 3	13 20	7 31	7 19	15 10		n.a.
S 29	11 11	1s18	1 40	13 43	1 41	12 1	1 24	2 24	0 27	23 45	0 2	23 13	0 30	19 42	0 44	1 29	2 0	30 3	13 20	7 30	7 20	15 6		n.a.
S 30	10 50	8 16	2 53	13 2	1 37	11 33	1 24	2 7	0 26	23 45	0 2	23 13	0 30	19 42	0 44	1 29	2 0	30 2	13 20	7 30	7 22	15 3		n.a.
M31	10n28	14s37	3s53	12n19	1n34	11n 5	1n23	1n50	0n26	23n45	0n 2	23n13	0s30	19s43	0s44	1n28	2s 0	30n 2	13n20	7s30	7s23	15s 0		n.a.

Julian Day Number = 1624844.5, Delta T = 03h45m21s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'16, Lahiri = - 7°36'15 Julian Calendar 1 Aug. 265 BCE == Greg. Calendar 28 July 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

SEPTEMBER 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 24 38	4♍ 8'55	12♏ 4	3♍50	6♍14	27♍ 5	29♊ 3	27♊59	5°R57	8°R13	12♌24	11♓ 6	11♓20	24♒25	n.a.	T 1
W 2	22 28 35	5° 8'06	25°25	5°36	7°29	27°46	29°12	28° 3	5♒55	8♈12	12°26	11° 6	11°17	24°32	n.a.	W 2
T 3	22 32 31	6° 7'19	8♐22	7°21	8°44	28°28	29°20	28° 8	5°53	8°10	12°28	11°R 6	11°14	24°38	n.a.	T 3
F 4	22 36 28	7° 6'34	20°57	9° 6	9°59	29° 9	29°29	28°12	5°51	8° 9	12°30	11° 6	11°11	24°45	n.a.	F 4
S 5	22 40 25	8° 5'51	3♑16	10°49	11°14	29°50	29°37	28°16	5°50	8° 8	12°31	11° 6	11° 7	24°52	n.a.	S 5
S 6	22 44 21	9° 5'09	15°22	12°32	12°30	0♎32	29°46	28°20	5°48	8° 6	12°33	11° 5	11° 4	24°58	n.a.	S 6
M 7	22 48 18	10° 4'30	27°19	14°14	13°45	1°13	29°54	28°25	5°46	8° 5	12°35	11° 5	11° 1	25° 5	n.a.	M 7
T 8	22 52 14	11° 3'52	9♒ 9	15°55	15° 0	1°55	0♋ 2	28°29	5°44	8° 3	12°37	11°D 5	10°58	25°12	n.a.	T 8
W 9	22 56 11	12° 3'17	20°58	17°36	16°15	2°37	0°10	28°32	5°42	8° 2	12°39	11° 5	10°55	25°18	n.a.	W 9
T 10	23 0 7	13° 2'43	2♓46	19°15	17°30	3°18	0°17	28°36	5°40	8° 0	12°41	11° 5	10°51	25°25	n.a.	T 10
F 11	23 4 4	14° 2'12	14°37	20°54	18°45	4° 0	0°25	28°40	5°39	7°59	12°43	11°R 5	10°48	25°31	n.a.	F 11
S 12	23 8 0	15° 1'43	26°33	22°32	20° 0	4°42	0°32	28°44	5°37	7°57	12°45	11° 5	10°45	25°38	n.a.	S 12
S 13	23 11 57	16° 1'15	8♈35	24°10	21°15	5°24	0°40	28°47	5°35	7°56	12°47	11° 5	10°42	25°45	n.a.	S 13
M14	23 15 54	17° 0'50	20°46	25°47	22°31	6° 6	0°47	28°51	5°34	7°54	12°48	11° 4	10°39	25°51	n.a.	M14
T 15	23 19 50	18° 0'28	3♉ 8	27°23	23°46	6°48	0°54	28°54	5°32	7°53	12°50	11° 3	10°36	25°58	n.a.	T 15
W16	23 23 47	19° 0'07	15°42	28°58	25° 1	7°30	1° 1	28°57	5°31	7°51	12°52	11° 2	10°32	26° 5	n.a.	W16
T 17	23 27 43	19°59'50	28°33	0♎33	26°16	8°12	1° 7	29° 0	5°29	7°50	12°54	11° 1	10°29	26°11	n.a.	T 17
F 18	23 31 40	20°59'34	11♊41	2° 7	27°31	8°54	1°14	29° 4	5°28	7°48	12°56	11° 1	10°26	26°18	n.a.	F 18
S 19	23 35 36	21°59'21	25°10	3°41	28°46	9°36	1°20	29° 6	5°26	7°46	12°57	11°D 0	10°23	26°25	n.a.	S 19
S 20	23 39 33	22°59'10	9♋ 0	5°14	0♎ 2	10°18	1°27	29° 9	5°25	7°45	12°59	11° 1	10°20	26°31	n.a.	S 20
M21	23 43 29	23°59'02	23°11	6°46	1°17	11° 1	1°33	29°12	5°23	7°43	13° 1	11° 2	10°16	26°38	n.a.	M21
T 22	23 47 26	24°58'56	7♌43	8°18	2°32	11°43	1°39	29°15	5°22	7°41	13° 2	11° 3	10°13	26°45	n.a.	T 22
W23	23 51 23	25°58'52	22°31	9°49	3°47	12°26	1°45	29°17	5°21	7°40	13° 4	11° 4	10°10	26°51	n.a.	W23
T 24	23 55 19	26°58'51	7♍30	11°20	5° 2	13° 8	1°50	29°20	5°20	7°38	13° 6	11°R 4	10° 7	26°58	n.a.	T 24
F 25	23 59 16	27°58'51	22°31	12°50	6°18	13°51	1°56	29°22	5°18	7°37	13° 7	11° 4	10° 4	27° 5	n.a.	F 25
S 26	0 3 12	28°58'54	7♎27	14°20	7°33	14°33	2° 1	29°24	5°17	7°35	13° 9	11° 3	10° 1	27°11	n.a.	S 26
S 27	0 7 9	29°58'58	22° 9	15°48	8°48	15°16	2° 6	29°26	5°16	7°33	13°11	11° 1	9°57	27°18	n.a.	S 27
M28	0 11 5	0♎59'04	6♏30	17°17	10° 3	15°59	2°11	29°28	5°15	7°32	13°12	10°58	9°54	27°24	n.a.	M28
T 29	0 15 2	1°59'13	20°26	18°45	11°18	16°42	2°16	29°30	5°14	7°30	13°14	10°55	9°51	27°31	n.a.	T 29
W30	0 18 58	2♎59'23	3♐54	20♎12	12♎34	17♎25	2♋21	29♊32	5♒13	7♈28	13♌15	10♓52	9♓48	27♒38	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n 6	20s 2	4s38	11n36	1n29	10n37	1n23	1n33	0n25	23n46	0n 2	23n13	0s30	19s43	0s44	1n28	2s 0	30n 2	13n20	7s30	7s24	14s57		n.a.
W 2	9 45	24 17	5 6	10 53	1 25	10 8	1 22	1 16	0 24	23 46	0 2	23 13	0 30	19 44	0 44	1 27	2 0	30 1	13 21	7 29	7 25	14 54		n.a.
T 3	9 22	27 11	5 17	10 9	1 20	9 39	1 22	0 59	0 24	23 46	0 2	23 13	0 30	19 44	0 44	1 26	2 0	30 1	13 21	7 29	7 26	14 51		n.a.
F 4	9 0	28 37	5 13	9 25	1 15	9 10	1 21	0 42	0 23	23 46	0 2	23 13	0 30	19 45	0 44	1 26	2 0	30 0	13 21	7 29	7 28	14 48		n.a.
S 5	8 38	28 36	4 54	8 40	1 10	8 40	1 20	0 24	0 22	23 46	0 3	23 14	0 30	19 45	0 44	1 25	2 0	30 0	13 21	7 30	7 29	14 45		n.a.
S 6	8 16	27 11	4 23	7 56	1 4	8 11	1 20	0 7	0 22	23 46	0 3	23 14	0 30	19 46	0 44	1 25	2 0	30 0	13 22	7 30	7 30	14 42		n.a.
M 7	7 53	24 33	3 40	7 11	0 59	7 41	1 19	0s10	0 21	23 47	0 3	23 14	0 29	19 46	0 44	1 24	2 0	29 59	13 22	7 30	7 31	14 39		n.a.
T 8	7 30	20 53	2 48	6 26	0 53	7 10	1 18	0 28	0 20	23 47	0 3	23 14	0 29	19 46	0 44	1 23	2 0	29 59	13 22	7 30	7 33	14 36		n.a.
W 9	7 7	16 25	1 50	5 41	0 47	6 40	1 17	0 45	0 20	23 47	0 3	23 14	0 29	19 47	0 44	1 23	2 1	29 59	13 22	7 30	7 34	14 33		n.a.
T 10	6 44	11 20	0 46	4 55	0 41	6 10	1 16	1 2	0 19	23 47	0 3	23 14	0 29	19 47	0 44	1 22	2 1	29 58	13 23	7 30	7 35	14 30		n.a.
F 11	6 21	5 50	0n20	4 10	0 34	5 39	1 15	1 20	0 19	23 47	0 3	23 14	0 29	19 48	0 44	1 22	2 1	29 58	13 23	7 30	7 36	14 27		n.a.
S 12	5 58	0 6	1 25	3 25	0 28	5 8	1 14	1 37	0 18	23 47	0 3	23 14	0 29	19 48	0 44	1 21	2 1	29 58	13 23	7 30	7 37	14 24		n.a.
S 13	5 35	5n41	2 27	2 40	0 21	4 37	1 13	1 54	0 17	23 47	0 4	23 14	0 29	19 48	0 44	1 20	2 1	29 57	13 23	7 30	7 39	14 21		n.a.
M14	5 11	11 20	3 23	1 55	0 15	4 6	1 11	2 12	0 17	23 47	0 4	23 14	0 29	19 49	0 44	1 20	2 1	29 57	13 24	7 30	7 40	14 17		n.a.
T 15	4 48	16 37	4 11	1 11	0 8	3 35	1 10	2 29	0 16	23 47	0 4	23 14	0 29	19 49	0 44	1 19	2 1	29 57	13 24	7 31	7 41	14 14		n.a.
W16	4 24	21 18	4 47	0 26	0 1	3 3	1 9	2 46	0 15	23 48	0 4	23 14	0 29	19 50	0 44	1 18	2 1	29 57	13 24	7 31	7 42	14 11		n.a.
T 17	4 0	25 6	5 10	0s18	0s 6	2 32	1 7	3 4	0 15	23 48	0 4	23 15	0 29	19 50	0 44	1 18	2 1	29 56	13 25	7 31	7 44	14 8		n.a.
F 18	3 37	27 42	5 17	1 3	0 12	2 0	1 6	3 21	0 14	23 48	0 4	23 15	0 29	19 50	0 44	1 17	2 1	29 56	13 25	7 31	7 45	14 5		n.a.
S 19	3 13	28 46	5 8	1 46	0 19	1 29	1 4	3 39	0 13	23 48	0 4	23 15	0 29	19 51	0 44	1 16	2 1	29 56	13 25	7 32	7 46	14 2		n.a.
S 20	2 49	28 5	4 40	2 30	0 26	0 57	1 3	3 56	0 13	23 48	0 5	23 15	0 29	19 51	0 44	1 16	2 1	29 56	13 26	7 31	7 47	13 59		n.a.
M21	2 25	25 34	3 55	3 13	0 33	0 25	1 1	4 13	0 12	23 48	0 5	23 15	0 29	19 51	0 43	1 15	2 1	29 55	13 26	7 31	7 48	13 56		n.a.
T 22	2 1	21 22	2 55	3 56	0 40	0s 7	0 59	4 31	0 11	23 48	0 5	23 15	0 29	19 52	0 43	1 14	2 1	29 55	13 26	7 31	7 50	13 53		n.a.
W23	1 37	15 46	1 41	4 39	0 46	0 38	0 58	4 48	0 11	23 48	0 5	23 15	0 29	19 52	0 43	1 14	2 1	29 55	13 27	7 30	7 51	13 50		n.a.
T 24	1 13	9 10	0 20	5 21	0 53	1 10	0 56	5 6	0 10	23 48	0 5	23 15	0 29	19 52	0 43	1 13	2 1	29 55	13 27	7 30	7 52	13 46		n.a.
F 25	0 49	2 2	1s 3	6 3	1 0	1 42	0 54	5 23	0 10	23 48	0 5	23 15	0 29	19 52	0 43	1 12	2 1	29 55	13 27	7 30	7 53	13 43		n.a.
S 26	0 25	5s 8	2 21	6 44	1 6	2 14	0 52	5 40	0 9	23 48	0 5	23 15	0 29	19 53	0 43	1 12	2 1	29 55	13 28	7 31	7 54	13 40		n.a.
S 27	0 0	11 56	3 28	7 25	1 13	2 45	0 51	5 57	0 8	23 48	0 5	23 15	0 29	19 53	0 43	1 11	2 1	29 54	13 28	7 31	7 56	13 37		n.a.
M28	0s24	17 56	4 20	8 5	1 19	3 17	0 49	6 15	0 8	23 48	0 6	23 15	0 29	19 53	0 43	1 10	2 1	29 54	13 28	7 32	7 57	13 34		n.a.
T 29	0 48	22 48	4 55	8 45	1 26	3 49	0 47	6 32	0 7	23 48	0 6	23 15	0 28	19 53	0 43	1 10	2 1	29 54	13 29	7 34	7 58	13 31		n.a.
W30	1s12	26s18	5s13	9s24	1s32	4s20	0n45	6s49	0n 6	23n48	0n 6	23n15	0s28	19s54	0s43	1n 9	2s 1	29n54	13n29	7s35	7s59	13s28		n.a.

Julian Day Number = 1624875.5, Delta T = 03h45m20s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'12, Lahiri = - 7°36'11 Julian Calendar 1 Sept. 265 BCE == Greg. Calendar 28 Aug. 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

OCTOBER 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 22 55	3♎59'34	16♐57	21♎38	13♎49	18♎ 8	2♋25	29♊34	5°R12	7°R26	13♌17	10°R50	9♓45	27♒44	n.a.	T 1
F 2	0 26 51	4°59'47	29°36	23° 4	15° 4	18°51	2°30	29°35	5♒11	7♈25	13°18	10°D49	9°42	27°51	n.a.	F 2
S 3	0 30 48	6° 0'02	11♑55	24°29	16°19	19°34	2°34	29°37	5°11	7°23	13°20	10♓49	9°38	27°58	n.a.	S 3
S 4	0 34 45	7° 0'19	23°59	25°54	17°35	20°17	2°38	29°38	5°10	7°21	13°21	10°50	9°35	28° 4	n.a.	S 4
M 5	0 38 41	8° 0'37	5♒53	27°17	18°50	21° 0	2°41	29°40	5° 9	7°20	13°22	10°52	9°32	28°11	n.a.	M 5
T 6	0 42 38	9° 0'57	17°41	28°40	20° 5	21°43	2°45	29°41	5° 8	7°18	13°24	10°54	9°29	28°18	n.a.	T 6
W 7	0 46 34	10° 1'18	29°29	0♏ 2	21°20	22°26	2°48	29°42	5° 8	7°16	13°25	10°55	9°26	28°24	n.a.	W 7
T 8	0 50 31	11° 1'41	11♓19	1°23	22°35	23°10	2°52	29°43	5° 7	7°15	13°26	10°R56	9°22	28°31	n.a.	T 8
F 9	0 54 27	12° 2'05	23°15	2°42	23°51	23°53	2°55	29°43	5° 7	7°13	13°28	10°55	9°19	28°38	n.a.	F 9
S 10	0 58 24	13° 2'31	5♈20	4° 1	25° 6	24°37	2°58	29°44	5° 6	7°11	13°29	10°53	9°16	28°44	n.a.	S 10
S 11	1 2 20	14° 2'59	17°36	5°18	26°21	25°20	3° 0	29°45	5° 6	7°10	13°30	10°49	9°13	28°51	n.a.	S 11
M12	1 6 17	15° 3'29	0♉ 3	6°34	27°36	26° 4	3° 3	29°45	5° 5	7° 8	13°31	10°43	9°10	28°58	n.a.	M12
T 13	1 10 14	16° 4'00	12°42	7°48	28°51	26°47	3° 5	29°45	5° 5	7° 6	13°33	10°37	9° 7	29° 4	n.a.	T 13
W14	1 14 10	17° 4'33	25°35	9° 0	0♏ 6	27°31	3° 7	29°46	5° 5	7° 5	13°34	10°31	9° 3	29°11	n.a.	W14
T 15	1 18 7	18° 5'08	8♊40	10°10	1°22	28°15	3° 9	29°46	5° 5	7° 3	13°35	10°25	9° 0	29°17	n.a.	T 15
F 16	1 22 3	19° 5'45	21°57	11°17	2°37	28°58	3°11	29°R46	5° 4	7° 1	13°36	10°20	8°57	29°24	n.a.	F 16
S 17	1 26 0	20° 6'24	5♋29	12°22	3°52	29°42	3°12	29°46	5° 4	7° 0	13°37	10°17	8°54	29°31	n.a.	S 17
S 18	1 29 56	21° 7'05	19°14	13°24	5° 7	0♏26	3°14	29°46	5° 4	6°58	13°38	10°D16	8°51	29°37	n.a.	S 18
M19	1 33 53	22° 7'47	3♌13	14°22	6°22	1°10	3°15	29°45	5°D 4	6°56	13°39	10°17	8°48	29°44	n.a.	M19
T 20	1 37 49	23° 8'32	17°25	15°17	7°37	1°54	3°16	29°45	5° 4	6°55	13°40	10°18	8°44	29°51	n.a.	T 20
W21	1 41 46	24° 9'18	1♍50	16° 7	8°53	2°38	3°16	29°44	5° 4	6°53	13°41	10°19	8°41	29°57	n.a.	W21
T 22	1 45 43	25°10'05	16°24	16°52	10° 8	3°22	3°17	29°44	5° 4	6°52	13°42	10°R19	8°38	0♓ 4	n.a.	T 22
F 23	1 49 39	26°10'54	1♎ 2	17°31	11°23	4° 6	3°17	29°43	5° 5	6°50	13°43	10°17	8°35	0°11	n.a.	F 23
S 24	1 53 36	27°11'45	15°40	18° 4	12°38	4°51	3°R17	29°42	5° 5	6°48	13°44	10°13	8°32	0°17	n.a.	S 24
S 25	1 57 32	28°12'37	0♏ 9	18°30	13°53	5°35	3°17	29°41	5° 5	6°47	13°45	10° 7	8°28	0°24	n.a.	S 25
M26	2 1 29	29°13'31	14°24	18°48	15° 8	6°19	3°17	29°40	5° 5	6°45	13°45	9°59	8°25	0°31	n.a.	M26
T 27	2 5 25	0♏14'26	28°18	18°R58	16°23	7° 4	3°17	29°38	5° 6	6°44	13°46	9°50	8°22	0°37	n.a.	T 27
W28	2 9 22	1°15'22	11♐49	18°57	17°39	7°48	3°16	29°37	5° 6	6°42	13°47	9°42	8°19	0°44	n.a.	W28
T 29	2 13 18	2°16'19	24°55	18°47	18°54	8°33	3°15	29°36	5° 7	6°41	13°48	9°34	8°16	0°51	n.a.	T 29
F 30	2 17 15	3°17'17	7♑37	18°26	20° 9	9°17	3°14	29°34	5° 7	6°39	13°48	9°29	8°13	0°57	n.a.	F 30
S 31	2 21 12	4♏18'16	19♑59	17♏54	21♏24	10♏ 2	3♋13	29♊32	5♒ 8	6♈38	13♌49	9♓25	8♓ 9	1♓ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1s36	28s17	5s13	10s 2	1s38	4s52	0n43	7s 6	0n 6	23n48	0n 6	23n15	0s28	19s54	0s43	1n 8	2s 1	29n54	13n29	7s35	8s 0	13s25		n.a.
F 2	2 1	28 42	4 59	10 40	1 44	5 23	0 40	7 24	0 5	23 49	0 6	23 15	0 28	19 54	0 43	1 8	2 1	29 54	13 30	7 36	8 2	13 21		n.a.
S 3	2 25	27 40	4 30	11 18	1 49	5 54	0 38	7 41	0 4	23 49	0 6	23 15	0 28	19 54	0 43	1 7	2 1	29 54	13 30	7 36	8 3	13 18		n.a.
S 4	2 49	25 21	3 50	11 54	1 55	6 25	0 36	7 58	0 4	23 49	0 6	23 16	0 28	19 54	0 43	1 6	2 1	29 54	13 31	7 35	8 4	13 15		n.a.
M 5	3 13	21 57	3 1	12 30	2 0	6 56	0 34	8 15	0 3	23 49	0 7	23 16	0 28	19 54	0 43	1 6	2 1	29 54	13 31	7 35	8 5	13 12		n.a.
T 6	3 37	17 41	2 4	13 5	2 5	7 27	0 32	8 32	0 2	23 49	0 7	23 16	0 28	19 55	0 43	1 5	2 1	29 54	13 31	7 34	8 7	13 9		n.a.
W 7	4 1	12 46	1 3	13 39	2 10	7 58	0 30	8 49	0 2	23 49	0 7	23 16	0 28	19 55	0 43	1 4	2 1	29 54	13 32	7 33	8 8	13 6		n.a.
T 8	4 25	7 23	0n 2	14 12	2 15	8 28	0 27	9 5	0 1	23 49	0 7	23 16	0 28	19 55	0 43	1 4	2 1	29 54	13 32	7 33	8 9	13 3		n.a.
F 9	4 49	1 41	1 7	14 44	2 19	8 58	0 25	9 22	0 0	23 49	0 7	23 16	0 28	19 55	0 43	1 3	2 1	29 54	13 33	7 34	8 10	12 59		n.a.
S 10	5 13	4n 7	2 10	15 15	2 23	9 29	0 23	9 39	0s 0	23 49	0 7	23 16	0 28	19 55	0 43	1 2	2 1	29 54	13 33	7 34	8 11	12 56		n.a.
S 11	5 36	9 52	3 7	15 45	2 27	9 58	0 20	9 56	0 1	23 49	0 8	23 16	0 28	19 55	0 43	1 2	2 1	29 54	13 33	7 36	8 13	12 53		n.a.
M12	6 0	15 18	3 56	16 14	2 30	10 28	0 18	10 12	0 2	23 49	0 8	23 16	0 28	19 55	0 43	1 1	2 1	29 54	13 34	7 38	8 14	12 50		n.a.
T 13	6 24	20 12	4 35	16 41	2 33	10 57	0 16	10 29	0 2	23 49	0 8	23 16	0 28	19 55	0 43	1 0	2 1	29 54	13 34	7 40	8 15	12 47		n.a.
W14	6 47	24 14	5 0	17 7	2 35	11 26	0 13	10 45	0 3	23 50	0 8	23 16	0 28	19 55	0 43	1 0	2 1	29 54	13 35	7 43	8 16	12 44		n.a.
T 15	7 11	27 7	5 10	17 31	2 37	11 55	0 11	11 2	0 3	23 50	0 8	23 16	0 28	19 55	0 43	0 59	2 1	29 54	13 35	7 45	8 17	12 40		n.a.
F 16	7 34	28 33	5 4	17 54	2 38	12 24	0 8	11 18	0 4	23 50	0 8	23 16	0 28	19 55	0 43	0 58	2 1	29 54	13 36	7 47	8 19	12 37		n.a.
S 17	7 57	28 18	4 41	18 15	2 39	12 52	0 6	11 35	0 5	23 50	0 8	23 16	0 28	19 55	0 43	0 58	2 1	29 54	13 36	7 48	8 20	12 34		n.a.
S 18	8 20	26 19	4 2	18 34	2 39	13 20	0 3	11 51	0 5	23 50	0 9	23 16	0 28	19 55	0 43	0 57	2 1	29 54	13 37	7 48	8 21	12 31		n.a.
M19	8 43	22 43	3 8	18 52	2 38	13 47	0 1	12 7	0 6	23 50	0 9	23 16	0 27	19 55	0 43	0 56	2 1	29 54	13 37	7 48	8 22	12 28		n.a.
T 20	9 6	17 43	2 1	19 7	2 37	14 15	0s 1	12 23	0 7	23 50	0 9	23 16	0 27	19 55	0 43	0 56	2 1	29 54	13 37	7 48	8 23	12 24		n.a.
W21	9 29	11 40	0 46	19 19	2 34	14 42	0 4	12 39	0 7	23 50	0 9	23 16	0 27	19 55	0 43	0 55	2 1	29 54	13 38	7 47	8 25	12 21		n.a.
T 22	9 51	4 56	0s33	19 29	2 31	15 8	0 6	12 55	0 8	23 51	0 9	23 16	0 27	19 55	0 43	0 55	2 1	29 54	13 38	7 47	8 26	12 18		n.a.
F 23	10 14	2s 6	1 50	19 36	2 27	15 34	0 9	13 11	0 9	23 51	0 9	23 17	0 27	19 55	0 43	0 54	2 1	29 55	13 39	7 48	8 27	12 15		n.a.
S 24	10 36	8 59	2 59	19 40	2 21	16 0	0 11	13 26	0 9	23 51	0 10	23 17	0 27	19 55	0 42	0 53	2 1	29 55	13 39	7 50	8 28	12 12		n.a.
S 25	10 58	15 20	3 56	19 41	2 14	16 25	0 14	13 42	0 10	23 51	0 10	23 17	0 27	19 55	0 42	0 53	2 1	29 55	13 40	7 52	8 29	12 9		n.a.
M26	11 20	20 45	4 37	19 38	2 6	16 50	0 16	13 57	0 11	23 51	0 10	23 17	0 27	19 55	0 42	0 52	2 1	29 55	13 40	7 55	8 31	12 5		n.a.
T 27	11 42	24 54	5 1	19 32	1 56	17 15	0 19	14 13	0 11	23 51	0 10	23 17	0 27	19 54	0 42	0 52	2 1	29 55	13 41	7 58	8 32	12 2		n.a.
W28	12 3	27 32	5 7	19 21	1 45	17 39	0 21	14 28	0 12	23 52	0 10	23 17	0 27	19 54	0 42	0 51	2 1	29 56	13 41	8 2	8 33	11 59		n.a.
T 29	12 24	28 34	4 56	19 6	1 32	18 2	0 24	14 43	0 13	23 52	0 10	23 17	0 27	19 54	0 42	0 50	2 1	29 56	13 42	8 5	8 34	11 56		n.a.
F 30	12 46	28 1	4 31	18 46	1 18	18 25	0 26	14 58	0 13	23 52	0 11	23 17	0 27	19 54	0 42	0 50	2 1	29 56	13 42	8 7	8 35	11 53		n.a.
S 31	13s 7	26s 4	3s54	18s22	1s 2	18s48	0s29	15s13	0s14	23n52	0n11	23n17	0s27	19s54	0s42	0n49	2s 1	29n56	13n43	8s 8	8s37	11s49		n.a.

Julian Day Number = 1624905.5, Delta T = 03h45m19s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'07, Lahiri = - 7°36'07 Julian Calendar 1 Oct. 265 BCE == Greg. Calendar 27 Sept. 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

NOVEMBER 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 25 8	5♏19'15	2♒ 4	17°R11	22♏39	10♏46	3°R11	29°R31	5♒ 9	6°R36	13♌50	9°D24	8♓ 6	1♓10	n.a.	S 1
M 2	2 29 5	6°20'16	13°58	16♏17	23°54	11°31	3♋10	29♊29	5° 9	6♈35	13°50	9♓24	8° 3	1°17	n.a.	M 2
T 3	2 33 1	7°21'17	25°46	15°14	25° 9	12°16	3° 8	29°27	5°10	6°34	13°51	9°25	8° 0	1°24	n.a.	T 3
W 4	2 36 58	8°22'19	7♓34	14° 2	26°24	13° 0	3° 6	29°25	5°11	6°32	13°51	9°R26	7°57	1°30	n.a.	W 4
T 5	2 40 54	9°23'22	19°26	12°44	27°39	13°45	3° 4	29°22	5°12	6°31	13°52	9°25	7°54	1°37	n.a.	T 5
F 6	2 44 51	10°24'25	1♈28	11°22	28°54	14°30	3° 1	29°20	5°13	6°29	13°52	9°23	7°50	1°44	n.a.	F 6
S 7	2 48 47	11°25'29	13°42	9°59	0♐ 9	15°15	2°59	29°18	5°14	6°28	13°53	9°17	7°47	1°50	n.a.	S 7
S 8	2 52 44	12°26'34	26°11	8°38	1°24	16° 0	2°56	29°15	5°15	6°27	13°53	9° 9	7°44	1°57	n.a.	S 8
M 9	2 56 41	13°27'40	8♉56	7°21	2°39	16°45	2°53	29°13	5°16	6°25	13°53	8°59	7°41	2° 4	n.a.	M 9
T 10	3 0 37	14°28'47	21°57	6°11	3°54	17°30	2°50	29°10	5°17	6°24	13°54	8°48	7°38	2°10	n.a.	T 10
W11	3 4 34	15°29'54	5♊13	5°10	5° 9	18°15	2°46	29° 7	5°18	6°23	13°54	8°36	7°34	2°17	n.a.	W11
T 12	3 8 30	16°31'03	18°42	4°19	6°24	19° 0	2°43	29° 4	5°19	6°22	13°54	8°24	7°31	2°24	n.a.	T 12
F 13	3 12 27	17°32'12	2♋21	3°38	7°39	19°46	2°39	29° 1	5°20	6°21	13°55	8°15	7°28	2°30	n.a.	F 13
S 14	3 16 23	18°33'22	16° 9	3° 9	8°54	20°31	2°35	28°58	5°22	6°19	13°55	8° 8	7°25	2°37	n.a.	S 14
S 15	3 20 20	19°34'33	0♌ 2	2°51	10° 9	21°16	2°31	28°55	5°23	6°18	13°55	8° 5	7°22	2°44	n.a.	S 15
M16	3 24 17	20°35'45	14° 1	2°D44	11°24	22° 2	2°27	28°52	5°24	6°17	13°55	8° 3	7°19	2°50	n.a.	M16
T 17	3 28 13	21°36'57	28° 5	2°46	12°39	22°47	2°22	28°48	5°26	6°16	13°55	8°D 3	7°15	2°57	n.a.	T 17
W18	3 32 10	22°38'11	12♍12	2°58	13°54	23°32	2°18	28°45	5°27	6°15	13°55	8°R 3	7°12	3° 3	n.a.	W18
T 19	3 36 6	23°39'25	26°22	3°19	15° 9	24°18	2°13	28°41	5°29	6°14	13°55	8° 2	7° 9	3°10	n.a.	T 19
F 20	3 40 3	24°40'39	10♎34	3°48	16°24	25° 3	2° 8	28°38	5°30	6°13	13°R55	7°58	7° 6	3°17	n.a.	F 20
S 21	3 43 59	25°41'55	24°44	4°23	17°39	25°49	2° 3	28°34	5°32	6°12	13°55	7°52	7° 3	3°23	n.a.	S 21
S 22	3 47 56	26°43'11	8♏48	5° 5	18°54	26°35	1°57	28°30	5°34	6°11	13°55	7°43	6°59	3°30	n.a.	S 22
M23	3 51 52	27°44'27	22°42	5°52	20° 8	27°20	1°52	28°27	5°35	6°10	13°55	7°31	6°56	3°37	n.a.	M23
T 24	3 55 49	28°45'44	6♐21	6°44	21°23	28° 6	1°46	28°23	5°37	6° 9	13°55	7°17	6°53	3°43	n.a.	T 24
W25	3 59 46	29°47'01	19°42	7°40	22°38	28°52	1°40	28°19	5°39	6° 8	13°55	7° 4	6°50	3°50	n.a.	W25
T 26	4 3 42	0♐48'18	2♑43	8°40	23°53	29°38	1°35	28°15	5°41	6° 8	13°55	6°52	6°47	3°57	n.a.	T 26
F 27	4 7 39	1°49'35	15°23	9°44	25° 8	0♐23	1°28	28°11	5°43	6° 7	13°55	6°43	6°44	4° 3	n.a.	F 27
S 28	4 11 35	2°50'52	27°45	10°50	26°22	1° 9	1°22	28° 6	5°45	6° 6	13°54	6°36	6°40	4°10	n.a.	S 28
S 29	4 15 32	3°52'09	9♒51	12° 0	27°37	1°55	1°16	28° 2	5°47	6° 5	13°54	6°32	6°37	4°17	n.a.	S 29
M30	4 19 28	4♐53'25	21♒45	13♏11	28♐52	2♐41	1♋ 9	27♊58	5♒49	6♈ 4	13♌54	6♓30	6♓34	4♓23	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s27	22s58	3s 7	17s53	0s45	19s10	0s31	15s28	0s14	23n52	0n11	23n17	0s27	19s54	0s42	0n49	2s 0	29n57	13n43	8s 8	8s38	11s46		n.a.
M 2	13 48	18 57	2 12	17 20	0 26	19 31	0 34	15 43	0 15	23 53	0 11	23 17	0 27	19 53	0 42	0 48	2 0	29 57	13 44	8 8	8 39	11 43		n.a.
T 3	14 8	14 13	1 13	16 42	0 6	19 52	0 36	15 57	0 16	23 53	0 11	23 17	0 27	19 53	0 42	0 48	2 0	29 57	13 44	8 8	8 40	11 40		n.a.
W 4	14 28	8 59	0 10	16 1	0n14	20 12	0 38	16 11	0 16	23 53	0 11	23 17	0 27	19 53	0 42	0 47	2 0	29 57	13 45	8 8	8 41	11 36		n.a.
T 5	14 48	3 25	0n53	15 18	0 35	20 32	0 41	16 26	0 17	23 53	0 12	23 17	0 26	19 53	0 42	0 47	2 0	29 58	13 45	8 8	8 43	11 33		n.a.
F 6	15 7	2n21	1 55	14 33	0 55	20 52	0 43	16 40	0 18	23 53	0 12	23 17	0 26	19 53	0 42	0 46	2 0	29 58	13 46	8 9	8 44	11 30		n.a.
S 7	15 26	8 6	2 52	13 49	1 14	21 10	0 46	16 54	0 18	23 54	0 12	23 17	0 26	19 52	0 42	0 46	2 0	29 58	13 46	8 11	8 45	11 27		n.a.
S 8	15 45	13 40	3 42	13 5	1 33	21 28	0 48	17 8	0 19	23 54	0 12	23 17	0 26	19 52	0 42	0 45	2 0	29 59	13 47	8 14	8 46	11 24		n.a.
M 9	16 4	18 47	4 22	12 24	1 50	21 46	0 50	17 21	0 19	23 54	0 12	23 17	0 26	19 52	0 42	0 45	2 0	29 59	13 47	8 18	8 47	11 20		n.a.
T 10	16 23	23 8	4 50	11 47	2 4	22 3	0 52	17 35	0 20	23 54	0 12	23 18	0 26	19 51	0 42	0 44	2 0	29 59	13 48	8 22	8 49	11 17		n.a.
W11	16 41	26 22	5 2	11 15	2 17	22 19	0 55	17 48	0 21	23 55	0 13	23 18	0 26	19 51	0 42	0 44	2 0	30 0	13 48	8 27	8 50	11 14		n.a.
T 12	16 59	28 11	4 58	10 48	2 28	22 34	0 57	18 2	0 21	23 55	0 13	23 18	0 26	19 51	0 42	0 43	2 0	30 0	13 49	8 31	8 51	11 11		n.a.
F 13	17 16	28 19	4 36	10 26	2 36	22 49	0 59	18 15	0 22	23 55	0 13	23 18	0 26	19 50	0 42	0 43	2 0	30 1	13 49	8 35	8 52	11 7		n.a.
S 14	17 33	26 42	3 59	10 11	2 42	23 3	1 1	18 27	0 23	23 55	0 13	23 18	0 26	19 50	0 42	0 42	2 0	30 1	13 50	8 37	8 53	11 4		n.a.
S 15	17 50	23 26	3 7	10 1	2 46	23 17	1 3	18 40	0 23	23 56	0 13	23 18	0 26	19 50	0 42	0 42	2 0	30 1	13 50	8 39	8 55	11 1		n.a.
M16	18 7	18 48	2 4	9 56	2 49	23 30	1 5	18 53	0 24	23 56	0 13	23 18	0 26	19 49	0 42	0 42	2 0	30 2	13 51	8 39	8 56	10 58		n.a.
T 17	18 23	13 6	0 53	9 56	2 49	23 42	1 7	19 5	0 25	23 56	0 14	23 18	0 26	19 49	0 42	0 41	2 0	30 2	13 51	8 39	8 57	10 54		n.a.
W18	18 39	6 44	0s22	10 1	2 49	23 53	1 9	19 17	0 25	23 56	0 14	23 18	0 26	19 48	0 42	0 41	2 0	30 3	13 52	8 39	8 58	10 51		n.a.
T 19	18 55	0 0	1 35	10 9	2 47	24 4	1 11	19 29	0 26	23 57	0 14	23 18	0 25	19 48	0 42	0 41	2 0	30 3	13 52	8 39	8 59	10 48		n.a.
F 20	19 10	6s43	2 43	10 22	2 44	24 14	1 13	19 41	0 26	23 57	0 14	23 18	0 25	19 48	0 42	0 40	2 0	30 4	13 53	8 41	9 1	10 45		n.a.
S 21	19 25	13 6	3 40	10 37	2 40	24 23	1 15	19 53	0 27	23 57	0 14	23 18	0 25	19 47	0 42	0 40	2 0	30 4	13 53	8 43	9 2	10 41		n.a.
S 22	19 40	18 45	4 24	10 56	2 36	24 32	1 17	20 4	0 28	23 57	0 15	23 18	0 25	19 47	0 42	0 39	2 0	30 5	13 53	8 47	9 3	10 38		n.a.
M23	19 54	23 21	4 51	11 16	2 30	24 40	1 18	20 16	0 28	23 58	0 15	23 18	0 25	19 46	0 42	0 39	2 0	30 5	13 54	8 51	9 4	10 35		n.a.
T 24	20 8	26 33	5 0	11 39	2 25	24 47	1 20	20 27	0 29	23 58	0 15	23 18	0 25	19 46	0 42	0 39	1 59	30 6	13 54	8 56	9 5	10 32		n.a.
W25	20 21	28 12	4 53	12 3	2 18	24 53	1 22	20 38	0 29	23 58	0 15	23 18	0 25	19 45	0 41	0 39	1 59	30 6	13 55	9 1	9 7	10 28		n.a.
T 26	20 34	28 13	4 31	12 29	2 12	24 58	1 23	20 48	0 30	23 58	0 15	23 18	0 25	19 45	0 41	0 38	1 59	30 7	13 55	9 6	9 8	10 25		n.a.
F 27	20 47	26 44	3 55	12 56	2 5	25 3	1 25	20 59	0 31	23 59	0 15	23 18	0 25	19 44	0 41	0 38	1 59	30 7	13 56	9 9	9 9	10 22		n.a.
S 28	20 59	23 58	3 10	13 24	1 57	25 7	1 26	21 9	0 31	23 59	0 16	23 18	0 25	19 44	0 41	0 38	1 59	30 8	13 56	9 12	9 10	10 19		n.a.
S 29	21 11	20 11	2 16	13 53	1 50	25 10	1 28	21 19	0 32	23 59	0 16	23 18	0 25	19 43	0 41	0 38	1 59	30 8	13 57	9 13	9 11	10 15		n.a.
M30	21s22	15s39	1s17	14s22	1n42	25s13	1s29	21s29	0s32	23n59	0n16	23n18	0s24	19s43	0s41	0n37	1s59	30n 9	13n57	9s14	9s13	10s12		n.a.

Julian Day Number = 1624936.5, Delta T = 03h45m18s
Ecliptic obliquity = 23°43'47, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°43'03, Lahiri = - 7°36'03 Julian Calendar 1 Nov. 265 BCE == Greg. Calendar 28 Oct. 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 265 BCE
geocentric

DECEMBER 265 BCE (-264) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 23 25	5♐54'41	3♓33	14♏25	0♑ 7	3♐27	1°R 3	27°R53	5♒51	6°R 4	13°R53	6°R29	6♓31	4♓30	n.a.	T 1
W 2	4 27 21	6°55'57	15°21	15°40	1°21	4°13	0♋56	27♊49	5°53	6♈ 3	13♌53	6♓29	6°28	4°37	n.a.	W 2
T 3	4 31 18	7°57'12	27°14	16°57	2°36	4°59	0°49	27°45	5°55	6° 3	13°53	6°28	6°25	4°43	n.a.	T 3
F 4	4 35 15	8°58'27	9♈17	18°16	3°51	5°45	0°42	27°40	5°57	6° 2	13°52	6°25	6°21	4°50	n.a.	F 4
S 5	4 39 11	9°59'42	21°35	19°35	5° 5	6°32	0°35	27°36	6° 0	6° 1	13°52	6°20	6°18	4°56	n.a.	S 5
S 6	4 43 8	11° 0'56	4♉12	20°56	6°20	7°18	0°28	27°31	6° 2	6° 1	13°51	6°12	6°15	5° 3	n.a.	S 6
M 7	4 47 4	12° 2'10	17°10	22°19	7°35	8° 4	0°21	27°26	6° 4	6° 0	13°51	6° 1	6°12	5°10	n.a.	M 7
T 8	4 51 1	13° 3'23	0♊29	23°42	8°49	8°50	0°14	27°22	6° 7	6° 0	13°50	5°48	6° 9	5°16	n.a.	T 8
W 9	4 54 57	14° 4'36	14° 8	25° 6	10° 4	9°36	0° 6	27°17	6° 9	6° 0	13°49	5°35	6° 5	5°23	n.a.	W 9
T 10	4 58 54	15° 5'49	28° 4	26°31	11°18	10°23	29♊59	27°12	6°11	5°59	13°49	5°23	6° 2	5°30	n.a.	T 10
F 11	5 2 51	16° 7'01	12♋11	27°56	12°33	11° 9	29°51	27° 7	6°14	5°59	13°48	5°12	5°59	5°36	n.a.	F 11
S 12	5 6 47	17° 8'13	26°24	29°23	13°47	11°55	29°43	27° 3	6°16	5°59	13°48	5° 5	5°56	5°43	n.a.	S 12
S 13	5 10 44	18° 9'25	10♌40	0♐50	15° 1	12°42	29°36	26°58	6°19	5°58	13°47	5° 0	5°53	5°50	n.a.	S 13
M14	5 14 40	19°10'36	24°54	2°17	16°16	13°28	29°28	26°53	6°21	5°58	13°46	4°58	5°50	5°56	n.a.	M14
T 15	5 18 37	20°11'47	9♍ 4	3°46	17°30	14°15	29°20	26°48	6°24	5°58	13°45	4°D58	5°46	6° 3	n.a.	T 15
W16	5 22 33	21°12'58	23° 9	5°15	18°45	15° 1	29°12	26°43	6°27	5°58	13°45	4°R58	5°43	6°10	n.a.	W16
T 17	5 26 30	22°14'08	7♎ 7	6°44	19°59	15°48	29° 4	26°38	6°29	5°57	13°44	4°57	5°40	6°16	n.a.	T 17
F 18	5 30 26	23°15'18	21° 0	8°15	21°13	16°34	28°56	26°33	6°32	5°57	13°43	4°54	5°37	6°23	n.a.	F 18
S 19	5 34 23	24°16'27	4♏45	9°46	22°27	17°21	28°48	26°28	6°35	5°57	13°42	4°48	5°34	6°30	n.a.	S 19
S 20	5 38 20	25°17'36	18°22	11°17	23°42	18° 8	28°40	26°23	6°38	5°57	13°41	4°40	5°31	6°36	n.a.	S 20
M21	5 42 16	26°18'45	1♐50	12°49	24°56	18°54	28°32	26°18	6°40	5°D57	13°40	4°29	5°27	6°43	n.a.	M21
T 22	5 46 13	27°19'53	15° 5	14°21	26°10	19°41	28°24	26°13	6°43	5°57	13°39	4°17	5°24	6°49	n.a.	T 22
W23	5 50 9	28°21'00	28° 6	15°55	27°24	20°28	28°16	26° 8	6°46	5°57	13°38	4° 5	5°21	6°56	n.a.	W23
T 24	5 54 6	29°22'06	10♑52	17°28	28°38	21°14	28° 8	26° 3	6°49	5°57	13°37	3°54	5°18	7° 3	n.a.	T 24
F 25	5 58 2	0♑23'11	23°22	19° 3	29°52	22° 1	28° 0	25°59	6°52	5°58	13°36	3°44	5°15	7° 9	n.a.	F 25
S 26	6 1 59	1°24'14	5♒38	20°38	1♒ 6	22°48	27°52	25°54	6°55	5°58	13°35	3°38	5°11	7°16	n.a.	S 26
S 27	6 5 56	2°25'17	17°41	22°13	2°20	23°35	27°44	25°49	6°58	5°58	13°34	3°34	5° 8	7°23	n.a.	S 27
M28	6 9 52	3°26'18	29°34	23°50	3°34	24°21	27°36	25°44	7° 1	5°58	13°33	3°D32	5° 5	7°29	n.a.	M28
T 29	6 13 49	4°27'18	11♓22	25°26	4°48	25° 8	27°28	25°39	7° 4	5°58	13°32	3°33	5° 2	7°36	n.a.	T 29
W30	6 17 45	5°28'17	23° 9	27° 4	6° 2	25°55	27°20	25°34	7° 7	5°59	13°31	3°34	4°59	7°43	n.a.	W30
T 31	6 21 42	6♑29'14	5♈ 1	28♐42	7♒16	26♐42	27♊12	25♊29	7♒10	5♈59	13♌30	3°R34	4♓56	7♓49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21 s33	10 s34	0 s16	14 s51	1n35	25 s14	1 s30	21 s38	0 s33	24n 0	0n16	23n18	0 s24	19 s42	0 s41	0n37	1 s59	30n 9	13n58	9 s14	9 s14	10 s 9			n.a.
W 2	21 44	5 7	0n47	15 21	1 27	25 15	1 32	21 48	0 34	24 0	0 16	23 18	0 24	19 42	0 41	0 37	1 59	30 10	13 58	9 14	9 15	10 5			n.a.
T 3	21 54	0n32	1 47	15 51	1 19	25 15	1 33	21 57	0 34	24 0	0 16	23 18	0 24	19 41	0 41	0 37	1 59	30 11	13 59	9 15	9 16	10 2			n.a.
F 4	22 4	6 14	2 44	16 20	1 11	25 14	1 34	22 6	0 35	24 0	0 17	23 18	0 24	19 41	0 41	0 36	1 59	30 11	13 59	9 16	9 17	9 59			n.a.
S 5	22 13	11 49	3 34	16 50	1 3	25 13	1 35	22 14	0 35	24 0	0 17	23 18	0 24	19 40	0 41	0 36	1 59	30 12	14 0	9 18	9 18	9 56			n.a.
S 6	22 22	17 4	4 15	17 19	0 55	25 10	1 36	22 23	0 36	24 1	0 17	23 18	0 24	19 39	0 41	0 36	1 59	30 12	14 0	9 21	9 20	9 52			n.a.
M 7	22 30	21 42	4 45	17 49	0 47	25 7	1 37	22 31	0 36	24 1	0 17	23 18	0 24	19 39	0 41	0 36	1 59	30 13	14 1	9 25	9 21	9 49			n.a.
T 8	22 38	25 22	4 59	18 17	0 39	25 4	1 38	22 39	0 37	24 1	0 17	23 18	0 24	19 38	0 41	0 36	1 59	30 13	14 1	9 30	9 22	9 46			n.a.
W 9	22 46	27 41	4 57	18 46	0 31	24 59	1 39	22 47	0 38	24 1	0 17	23 18	0 24	19 38	0 41	0 36	1 59	30 14	14 2	9 35	9 23	9 43			n.a.
T 10	22 53	28 20	4 37	19 14	0 24	24 53	1 39	22 54	0 38	24 1	0 18	23 18	0 24	19 37	0 41	0 36	1 59	30 15	14 2	9 39	9 24	9 39			n.a.
F 11	23 0	27 10	4 1	19 41	0 16	24 47	1 40	23 2	0 39	24 1	0 18	23 18	0 23	19 36	0 41	0 36	1 58	30 15	14 2	9 43	9 26	9 36			n.a.
S 12	23 6	24 13	3 9	20 7	0 9	24 40	1 41	23 8	0 39	24 2	0 18	23 18	0 23	19 36	0 41	0 36	1 58	30 16	14 3	9 46	9 27	9 33			n.a.
S 13	23 12	19 46	2 5	20 33	0 1	24 33	1 41	23 15	0 40	24 2	0 18	23 18	0 23	19 35	0 41	0 36	1 58	30 17	14 3	9 48	9 28	9 29			n.a.
M14	23 17	14 13	0 53	20 58	0 s 6	24 24	1 42	23 22	0 40	24 2	0 18	23 18	0 23	19 34	0 41	0 35	1 58	30 17	14 4	9 48	9 29	9 26			n.a.
T 15	23 22	7 56	0 s22	21 23	0 13	24 15	1 42	23 28	0 41	24 2	0 18	23 18	0 23	19 34	0 41	0 35	1 58	30 18	14 4	9 48	9 30	9 23			n.a.
W16	23 26	1 18	1 35	21 46	0 20	24 5	1 42	23 34	0 42	24 2	0 19	23 18	0 23	19 33	0 41	0 35	1 58	30 19	14 5	9 48	9 31	9 19			n.a.
T 17	23 30	5 s20	2 42	22 9	0 27	23 55	1 42	23 40	0 42	24 2	0 19	23 18	0 23	19 32	0 41	0 35	1 58	30 19	14 5	9 49	9 33	9 16			n.a.
F 18	23 33	11 39	3 39	22 30	0 34	23 43	1 43	23 45	0 43	24 2	0 19	23 18	0 23	19 31	0 41	0 35	1 58	30 20	14 5	9 50	9 34	9 13			n.a.
S 19	23 36	17 22	4 22	22 51	0 41	23 31	1 43	23 50	0 43	24 2	0 19	23 18	0 23	19 31	0 41	0 35	1 58	30 21	14 6	9 52	9 35	9 10			n.a.
S 20	23 39	22 9	4 50	23 11	0 47	23 18	1 43	23 55	0 44	24 2	0 19	23 18	0 22	19 30	0 41	0 36	1 58	30 21	14 6	9 55	9 36	9 6			n.a.
M21	23 41	25 42	5 2	23 29	0 53	23 5	1 43	24 0	0 44	24 3	0 19	23 18	0 22	19 29	0 41	0 36	1 58	30 22	14 7	9 59	9 37	9 3			n.a.
T 22	23 42	27 48	4 57	23 47	0 59	22 51	1 42	24 4	0 45	24 3	0 19	23 18	0 22	19 29	0 41	0 36	1 58	30 23	14 7	10 3	9 39	9 0			n.a.
W23	23 43	28 19	4 36	24 3	1 5	22 36	1 42	24 8	0 45	24 3	0 20	23 18	0 22	19 28	0 41	0 36	1 58	30 23	14 7	10 8	9 40	8 56			n.a.
T 24	23 44	27 18	4 2	24 18	1 10	22 21	1 42	24 12	0 46	24 3	0 20	23 18	0 22	19 27	0 41	0 36	1 58	30 24	14 8	10 12	9 41	8 53			n.a.
F 25	23 44	24 55	3 17	24 32	1 16	22 4	1 41	24 15	0 46	24 3	0 20	23 18	0 22	19 26	0 41	0 36	1 58	30 25	14 8	10 15	9 42	8 50			n.a.
S 26	23 43	21 24	2 23	24 44	1 21	21 48	1 41	24 19	0 47	24 3	0 20	23 18	0 22	19 26	0 41	0 36	1 57	30 25	14 9	10 18	9 43	8 46			n.a.
S 27	23 42	17 3	1 24	24 55	1 26	21 30	1 40	24 22	0 47	24 3	0 20	23 18	0 22	19 25	0 41	0 36	1 57	30 26	14 9	10 19	9 44	8 43			n.a.
M28	23 41	12 6	0 21	25 5	1 30	21 12	1 40	24 24	0 48	24 3	0 20	23 18	0 22	19 24	0 41	0 36	1 57	30 27	14 9	10 20	9 46	8 40			n.a.
T 29	23 39	6 45	0n42	25 14	1 35	20 54	1 39	24 27	0 48	24 3	0 20	23 18	0 21	19 23	0 41	0 37	1 57	30 27	14 10	10 20	9 47	8 36			n.a.
W30	23 37	1 10	1 43	25 21	1 39	20 35	1 38	24 29	0 49	24 3	0 21	23 18	0 21	19 22	0 41	0 37	1 57	30 28	14 10	10 19	9 48	8 33			n.a.
T 31	23 s34	4n28	2n41	25 s26	1 s43	20 s15	1 s37	24 s31	0 s49	24n 3	0n21	23n18	0 s21	19 s22	0 s41	0n37	1 s57	30n29	14n10	10 s19	9 s49	8 s30			n.a.

Julian Day Number = 1624966.5, Delta T = 03h45m17s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'59, Lahiri = - 7°35'59 Julian Calendar 1 Dec. 265 BCE == Greg. Calendar 27 Nov. 265 BCE

The year -264 astronomical counting style corresponds to year 265 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

JANUARY 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 25 38	7♑30'10	17♈ 3	0♑21	8♒30	27♐29	27°R 4	25°R24	7♒13	5♈59	13°R28	3°R34	4♓52	7♓56	n.a.	F 1
S 2	6 29 35	8°31'04	29°20	2° 1	9°43	28°16	26♊57	25♊20	7°16	6° 0	13♌27	3♓31	4°49	8° 3	n.a.	S 2
S 3	6 33 31	9°31'57	11♉58	3°41	10°57	29° 3	26°49	25°15	7°19	6° 0	13°26	3°27	4°46	8° 9	n.a.	S 3
M 4	6 37 28	10°32'48	24°59	5°22	12°11	29°50	26°41	25°10	7°22	6° 1	13°25	3°20	4°43	8°16	n.a.	M 4
T 5	6 41 25	11°33'38	8♊26	7° 4	13°24	0♑37	26°34	25° 6	7°26	6° 1	13°23	3°12	4°40	8°22	n.a.	T 5
W 6	6 45 21	12°34'26	22°17	8°47	14°38	1°24	26°26	25° 1	7°29	6° 2	13°22	3° 3	4°37	8°29	n.a.	W 6
T 7	6 49 18	13°35'13	6♋31	10°30	15°51	2°11	26°19	24°57	7°32	6° 2	13°21	2°54	4°33	8°36	n.a.	T 7
F 8	6 53 14	14°35'58	21° 1	12°14	17° 4	2°58	26°12	24°52	7°35	6° 3	13°19	2°47	4°30	8°42	n.a.	F 8
S 9	6 57 11	15°36'42	5♌42	13°59	18°18	3°45	26° 4	24°48	7°38	6° 4	13°18	2°42	4°27	8°49	n.a.	S 9
S 10	7 1 7	16°37'25	20°25	15°45	19°31	4°32	25°57	24°43	7°42	6° 4	13°17	2°40	4°24	8°56	n.a.	S 10
M11	7 5 4	17°38'06	5♍ 4	17°31	20°44	5°19	25°50	24°39	7°45	6° 5	13°15	2°D39	4°21	9° 2	n.a.	M11
T 12	7 9 0	18°38'45	19°34	19°19	21°57	6° 6	25°43	24°34	7°48	6° 6	13°14	2°40	4°17	9° 9	n.a.	T 12
W13	7 12 57	19°39'24	3♎51	21° 7	23°10	6°53	25°36	24°30	7°52	6° 7	13°13	2°41	4°14	9°16	n.a.	W13
T 14	7 16 54	20°40'01	17°54	22°55	24°24	7°40	25°30	24°26	7°55	6° 7	13°11	2°R42	4°11	9°22	n.a.	T 14
F 15	7 20 50	21°40'37	1♏41	24°45	25°36	8°27	25°23	24°22	7°58	6° 8	13°10	2°41	4° 8	9°29	n.a.	F 15
S 16	7 24 47	22°41'12	15°14	26°35	26°49	9°14	25°17	24°18	8° 2	6° 9	13° 8	2°39	4° 5	9°36	n.a.	S 16
S 17	7 28 43	23°41'45	28°33	28°26	28° 2	10° 1	25°10	24°14	8° 5	6°10	13° 7	2°35	4° 2	9°42	n.a.	S 17
M18	7 32 40	24°42'17	11♐37	0♒17	29°15	10°48	25° 4	24°10	8° 8	6°11	13° 5	2°30	3°58	9°49	n.a.	M18
T 19	7 36 36	25°42'47	24°29	2° 9	0♓28	11°36	24°58	24° 6	8°12	6°12	13° 4	2°23	3°55	9°56	n.a.	T 19
W20	7 40 33	26°43'16	7♑ 9	4° 1	1°40	12°23	24°52	24° 2	8°15	6°13	13° 2	2°16	3°52	10° 2	n.a.	W20
T 21	7 44 29	27°43'43	19°36	5°53	2°53	13°10	24°47	23°59	8°18	6°14	13° 1	2°10	3°49	10° 9	n.a.	T 21
F 22	7 48 26	28°44'08	1♒51	7°45	4° 5	13°57	24°41	23°55	8°22	6°15	12°59	2° 5	3°46	10°15	n.a.	F 22
S 23	7 52 23	29°44'32	13°57	9°37	5°18	14°44	24°36	23°52	8°25	6°16	12°58	2° 2	3°43	10°22	n.a.	S 23
S 24	7 56 19	0♒44'53	25°54	11°29	6°30	15°31	24°30	23°48	8°29	6°17	12°56	2° 1	3°39	10°29	n.a.	S 24
M25	8 0 16	1°45'13	7♓44	13°20	7°42	16°19	24°25	23°45	8°32	6°19	12°55	2°D 1	3°36	10°35	n.a.	M25
T 26	8 4 12	2°45'30	19°31	15°10	8°55	17° 6	24°20	23°41	8°36	6°20	12°53	2° 2	3°33	10°42	n.a.	T 26
W27	8 8 9	3°45'46	1♈18	16°58	10° 7	17°53	24°15	23°38	8°39	6°21	12°52	2° 3	3°30	10°49	n.a.	W27
T 28	8 12 5	4°45'59	13°10	18°44	11°19	18°40	24°11	23°35	8°42	6°22	12°50	2° 5	3°27	10°55	n.a.	T 28
F 29	8 16 2	5°46'10	25°10	20°29	12°31	19°27	24° 6	23°32	8°46	6°24	12°49	2° 7	3°23	11° 2	n.a.	F 29
S 30	8 19 58	6°46'19	7♉25	22°10	13°42	20°14	24° 2	23°29	8°49	6°25	12°47	2°R 7	3°20	11° 9	n.a.	S 30
S 31	8 23 55	7♒46'26	19♉59	23♒48	14♓54	21♑ 1	23♊58	23♊26	8♒53	6♈26	12♌46	2♓ 6	3♓17	11♓15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s31	10n 2	3n32	25s30	1s46	19s54	1s36	24s32	0s50	24n 3	0n21	23n18	0s21	19s21	0s41	0n37	1s57	30n29	14n11	10s19	9s50	8s26		n.a.
S 2	23 27	15 19	4 14	25 32	1 49	19 34	1 35	24 33	0 50	24 3	0 21	23 18	0 21	19 20	0 41	0 37	1 57	30 30	14 11	10 20	9 51	8 23		n.a.
S 3	23 23	20 8	4 46	25 33	1 52	19 12	1 34	24 34	0 51	24 3	0 21	23 18	0 21	19 19	0 41	0 38	1 57	30 31	14 11	10 22	9 53	8 20		n.a.
M 4	23 18	24 9	5 3	25 32	1 55	18 50	1 33	24 35	0 51	24 2	0 21	23 18	0 21	19 18	0 41	0 38	1 57	30 31	14 12	10 24	9 54	8 16		n.a.
T 5	23 13	27 0	5 5	25 29	1 57	18 28	1 32	24 35	0 52	24 2	0 21	23 18	0 21	19 17	0 41	0 38	1 57	30 32	14 12	10 27	9 55	8 13		n.a.
W 6	23 8	28 19	4 50	25 24	1 58	18 5	1 30	24 36	0 52	24 2	0 21	23 18	0 20	19 17	0 41	0 38	1 57	30 33	14 12	10 31	9 56	8 10		n.a.
T 7	23 2	27 50	4 16	25 18	2 0	17 42	1 29	24 35	0 53	24 2	0 22	23 18	0 20	19 16	0 41	0 39	1 57	30 33	14 13	10 34	9 57	8 6		n.a.
F 8	22 55	25 27	3 25	25 10	2 1	17 18	1 27	24 35	0 53	24 2	0 22	23 17	0 20	19 15	0 41	0 39	1 57	30 34	14 13	10 36	9 59	8 3		n.a.
S 9	22 48	21 20	2 20	25 0	2 1	16 53	1 26	24 34	0 54	24 2	0 22	23 17	0 20	19 14	0 41	0 39	1 57	30 35	14 13	10 38	10 0	8 0		n.a.
S 10	22 41	15 54	1 6	24 48	2 2	16 29	1 24	24 33	0 54	24 2	0 22	23 17	0 20	19 13	0 41	0 40	1 56	30 36	14 13	10 39	10 1	7 56		n.a.
M11	22 33	9 34	0s13	24 34	2 1	16 3	1 22	24 32	0 54	24 2	0 22	23 17	0 20	19 12	0 41	0 40	1 56	30 36	14 14	10 39	10 2	7 53		n.a.
T 12	22 25	2 48	1 30	24 18	2 0	15 38	1 21	24 30	0 55	24 2	0 22	23 17	0 20	19 12	0 41	0 40	1 56	30 37	14 14	10 39	10 3	7 50		n.a.
W13	22 16	4s 0	2 41	24 1	1 59	15 12	1 19	24 28	0 55	24 2	0 22	23 17	0 20	19 11	0 41	0 41	1 56	30 38	14 14	10 38	10 4	7 46		n.a.
T 14	22 7	10 30	3 41	23 41	1 57	14 45	1 17	24 26	0 56	24 1	0 22	23 17	0 19	19 10	0 41	0 41	1 56	30 38	14 14	10 38	10 6	7 43		n.a.
F 15	21 58	16 21	4 26	23 19	1 55	14 19	1 15	24 23	0 56	24 1	0 22	23 17	0 19	19 9	0 41	0 42	1 56	30 39	14 15	10 38	10 7	7 40		n.a.
S 16	21 48	21 19	4 56	22 55	1 52	13 51	1 13	24 21	0 57	24 1	0 23	23 17	0 19	19 8	0 41	0 42	1 56	30 40	14 15	10 39	10 8	7 36		n.a.
S 17	21 37	25 6	5 10	22 30	1 49	13 24	1 10	24 18	0 57	24 1	0 23	23 17	0 19	19 7	0 41	0 42	1 56	30 40	14 15	10 41	10 9	7 33		n.a.
M18	21 27	27 31	5 6	22 2	1 45	12 56	1 8	24 14	0 57	24 1	0 23	23 17	0 19	19 6	0 41	0 43	1 56	30 41	14 15	10 43	10 10	7 30		n.a.
T 19	21 15	28 24	4 48	21 32	1 40	12 28	1 6	24 11	0 58	24 1	0 23	23 17	0 19	19 5	0 41	0 43	1 56	30 42	14 16	10 45	10 11	7 26		n.a.
W20	21 4	27 47	4 15	21 1	1 34	12 0	1 3	24 7	0 58	24 1	0 23	23 17	0 19	19 4	0 41	0 44	1 56	30 42	14 16	10 47	10 13	7 23		n.a.
T 21	20 52	25 45	3 31	20 27	1 28	11 31	1 1	24 2	0 59	24 1	0 23	23 17	0 19	19 4	0 41	0 44	1 56	30 43	14 16	10 50	10 14	7 20		n.a.
F 22	20 40	22 32	2 37	19 52	1 22	11 2	0 58	23 58	0 59	24 0	0 23	23 17	0 18	19 3	0 40	0 45	1 56	30 44	14 16	10 51	10 15	7 16		n.a.
S 23	20 27	18 24	1 37	19 15	1 14	10 33	0 56	23 53	0 59	24 0	0 23	23 17	0 18	19 2	0 40	0 45	1 56	30 44	14 16	10 53	10 16	7 13		n.a.
S 24	20 14	13 34	0 33	18 36	1 6	10 3	0 53	23 48	1 0	24 0	0 23	23 17	0 18	19 1	0 40	0 46	1 56	30 45	14 17	10 53	10 17	7 10		n.a.
M25	20 1	8 17	0n31	17 56	0 58	9 33	0 50	23 43	1 0	24 0	0 23	23 17	0 18	19 0	0 40	0 46	1 56	30 45	14 17	10 53	10 18	7 6		n.a.
T 26	19 47	2 45	1 35	17 15	0 48	9 3	0 47	23 37	1 0	24 0	0 24	23 17	0 18	18 59	0 40	0 47	1 56	30 46	14 17	10 53	10 20	7 3		n.a.
W27	19 33	2n52	2 34	16 33	0 38	8 33	0 45	23 31	1 1	24 0	0 24	23 17	0 18	18 58	0 40	0 47	1 55	30 47	14 17	10 52	10 21	7 0		n.a.
T 28	19 18	8 26	3 27	15 49	0 27	8 3	0 42	23 25	1 1	24 0	0 24	23 17	0 18	18 57	0 40	0 48	1 55	30 47	14 17	10 51	10 22	6 56		n.a.
F 29	19 3	13 45	4 12	15 5	0 16	7 32	0 39	23 19	1 1	24 0	0 24	23 17	0 18	18 56	0 40	0 48	1 55	30 48	14 17	10 51	10 23	6 53		n.a.
S 30	18 48	18 39	4 46	14 21	0 4	7 2	0 36	23 12	1 2	23 59	0 24	23 17	0 17	18 55	0 40	0 49	1 55	30 48	14 17	10 51	10 24	6 50		n.a.
S 31	18s33	22n53	5n 8	13s36	0n 9	6s31	0s32	23s 5	1s 2	23n59	0n24	23n17	0s17	18s54	0s40	0n50	1s55	30n49	14n18	10s51	10s25	6s46		n.a.

Julian Day Number = 1624997.5, Delta T = 03h45m16s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'55, Lahiri = - 7°35'54 Julian Calendar 1 Jan. 264 BCE == Greg. Calendar 28 Dec. 265 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

FEBRUARY 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 27 52	8♒46'30	2♊56	25♒23	16♓ 6	21♉49	23°R54	23°R24	8♒56	6♈28	12°R44	2°R 5	3♓14	11♓22	n.a.	M 1
T 2	8 31 48	9°46'32	16°19	26°53	17°17	22°36	23♊50	23♊21	9° 0	6°29	12♌42	2♓ 2	3°11	11°29	n.a.	T 2
W 3	8 35 45	10°46'33	0♋10	28°18	18°29	23°23	23°47	23°18	9° 3	6°30	12°41	1°59	3° 8	11°35	n.a.	W 3
T 4	8 39 41	11°46'31	14°27	29°37	19°40	24°10	23°43	23°16	9° 7	6°32	12°39	1°56	3° 4	11°42	n.a.	T 4
F 5	8 43 38	12°46'26	29° 6	0♓51	20°51	24°57	23°40	23°14	9°10	6°33	12°38	1°54	3° 1	11°49	n.a.	F 5
S 6	8 47 34	13°46'20	14♌ 2	1°58	22° 3	25°44	23°37	23°11	9°13	6°35	12°36	1°52	2°58	11°55	n.a.	S 6
S 7	8 51 31	14°46'11	29° 6	2°58	23°14	26°31	23°34	23° 9	9°17	6°36	12°34	1°D51	2°55	12° 2	n.a.	S 7
M 8	8 55 27	15°46'01	14♍ 9	3°50	24°24	27°18	23°31	23° 7	9°20	6°38	12°33	1°52	2°52	12° 8	n.a.	M 8
T 9	8 59 24	16°45'48	29° 3	4°35	25°35	28° 6	23°29	23° 5	9°24	6°40	12°31	1°53	2°49	12°15	n.a.	T 9
W10	9 3 21	17°45'33	13♎41	5°11	26°46	28°53	23°27	23° 3	9°27	6°41	12°30	1°54	2°45	12°22	n.a.	W10
T 11	9 7 17	18°45'17	27°59	5°39	27°56	29°40	23°25	23° 2	9°31	6°43	12°28	1°55	2°42	12°28	n.a.	T 11
F 12	9 11 14	19°44'59	11♏55	5°59	29° 7	0♒27	23°23	23° 0	9°34	6°44	12°27	1°55	2°39	12°35	n.a.	F 12
S 13	9 15 10	20°44'39	25°28	6°10	0♈17	1°14	23°21	22°59	9°37	6°46	12°25	1°R55	2°36	12°42	n.a.	S 13
S 14	9 19 7	21°44'18	8♐40	6°R12	1°27	2° 1	23°19	22°57	9°41	6°48	12°24	1°55	2°33	12°48	n.a.	S 14
M15	9 23 3	22°43'55	21°33	6° 6	2°38	2°48	23°18	22°56	9°44	6°49	12°22	1°54	2°29	12°55	n.a.	M15
T 16	9 27 0	23°43'29	4♑ 9	5°52	3°48	3°35	23°17	22°55	9°48	6°51	12°20	1°53	2°26	13° 2	n.a.	T 16
W17	9 30 56	24°43'02	16°32	5°31	4°57	4°22	23°16	22°54	9°51	6°53	12°19	1°52	2°23	13° 8	n.a.	W17
T 18	9 34 53	25°42'33	28°43	5° 3	6° 7	5° 9	23°15	22°53	9°54	6°55	12°17	1°51	2°20	13°15	n.a.	T 18
F 19	9 38 50	26°42'02	10♒45	4°28	7°17	5°56	23°15	22°52	9°58	6°57	12°16	1°50	2°17	13°22	n.a.	F 19
S 20	9 42 46	27°41'28	22°40	3°48	8°26	6°43	23°14	22°51	10° 1	6°58	12°14	1°50	2°14	13°28	n.a.	S 20
S 21	9 46 43	28°40'53	4♓31	3° 4	9°35	7°30	23°D14	22°50	10° 4	7° 0	12°13	1°D50	2°10	13°35	n.a.	S 21
M22	9 50 39	29°40'15	16°18	2°16	10°45	8°17	23°14	22°50	10° 8	7° 2	12°11	1°50	2° 7	13°42	n.a.	M22
T 23	9 54 36	0♓39'35	28° 6	1°25	11°54	9° 4	23°15	22°49	10°11	7° 4	12°10	1°50	2° 4	13°48	n.a.	T 23
W24	9 58 32	1°38'53	9♈55	0°33	13° 2	9°51	23°15	22°49	10°14	7° 6	12° 8	1°R50	2° 1	13°55	n.a.	W24
T 25	10 2 29	2°38'08	21°50	29♒41	14°11	10°37	23°16	22°49	10°17	7° 8	12° 7	1°50	1°58	14° 2	n.a.	T 25
F 26	10 6 25	3°37'21	3♉53	28°50	15°20	11°24	23°16	22°D49	10°21	7°10	12° 5	1°50	1°55	14° 8	n.a.	F 26
S 27	10 10 22	4°36'32	16° 9	28° 0	16°28	12°11	23°17	22°49	10°24	7°12	12° 4	1°50	1°51	14°15	n.a.	S 27
S 28	10 14 18	5♓35'41	28♉40	27♒13	17♈36	12♒58	23♊19	22♊49	10♒27	7♈14	12♌ 3	1♓50	1♓48	14♓21	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s17	26n 9	5n15	12s52	0n22	6s 0	0s29	22s58	1s 2	23n59	0n24	23n17	0s17	18s54	0s41	0n50	1s55	30n50	14n18	10s52	10s27	6s43		n.a.
T 2	18 1	28 5	5 5	12 8	0 36	5 29	0 26	22 50	1 3	23 59	0 24	23 17	0 17	18 53	0 41	0 51	1 55	30 50	14 18	10 53	10 28	6 39		n.a.
W 3	17 45	28 22	4 38	11 26	0 50	4 57	0 23	22 43	1 3	23 59	0 24	23 17	0 17	18 52	0 41	0 51	1 55	30 51	14 18	10 54	10 29	6 36		n.a.
T 4	17 28	26 48	3 53	10 44	1 4	4 26	0 19	22 35	1 3	23 59	0 24	23 17	0 17	18 51	0 41	0 52	1 55	30 51	14 18	10 55	10 30	6 33		n.a.
F 5	17 11	23 23	2 51	10 5	1 19	3 55	0 16	22 27	1 4	23 59	0 24	23 17	0 17	18 50	0 41	0 53	1 55	30 52	14 18	10 56	10 31	6 29		n.a.
S 6	16 54	18 22	1 37	9 27	1 33	3 23	0 12	22 18	1 4	23 59	0 24	23 17	0 16	18 49	0 41	0 53	1 55	30 52	14 18	10 56	10 32	6 26		n.a.
S 7	16 36	12 10	0 15	8 52	1 48	2 51	0 9	22 9	1 4	23 59	0 24	23 17	0 16	18 48	0 41	0 54	1 55	30 53	14 18	10 56	10 33	6 23		n.a.
M 8	16 18	5 16	1s 8	8 20	2 2	2 20	0 5	22 0	1 5	23 59	0 25	23 17	0 16	18 47	0 41	0 55	1 55	30 54	14 18	10 56	10 35	6 19		n.a.
T 9	16 0	1s50	2 25	7 51	2 16	1 48	0 2	21 51	1 5	23 59	0 25	23 17	0 16	18 46	0 41	0 55	1 55	30 54	14 18	10 56	10 36	6 16		n.a.
W10	15 42	8 42	3 32	7 25	2 29	1 16	0n 2	21 42	1 5	23 59	0 25	23 17	0 16	18 45	0 41	0 56	1 55	30 55	14 18	10 56	10 37	6 13		n.a.
T 11	15 23	14 58	4 23	7 3	2 42	0 45	0 5	21 32	1 5	23 58	0 25	23 17	0 16	18 44	0 41	0 57	1 55	30 55	14 18	10 55	10 38	6 9		n.a.
F 12	15 4	20 19	4 58	6 44	2 54	0 13	0 9	21 22	1 6	23 58	0 25	23 17	0 16	18 43	0 41	0 57	1 55	30 56	14 18	10 55	10 39	6 6		n.a.
S 13	14 45	24 27	5 15	6 30	3 5	0n19	0 13	21 12	1 6	23 58	0 25	23 17	0 16	18 42	0 41	0 58	1 55	30 56	14 18	10 55	10 40	6 2		n.a.
S 14	14 26	27 12	5 15	6 20	3 15	0 51	0 17	21 1	1 6	23 58	0 25	23 17	0 15	18 42	0 41	0 59	1 55	30 57	14 18	10 55	10 42	5 59		n.a.
M15	14 6	28 25	4 59	6 14	3 24	1 22	0 21	20 51	1 6	23 58	0 25	23 17	0 15	18 41	0 41	1 0	1 54	30 57	14 18	10 56	10 43	5 56		n.a.
T 16	13 46	28 8	4 28	6 12	3 31	1 54	0 24	20 40	1 7	23 58	0 25	23 17	0 15	18 40	0 41	1 0	1 54	30 57	14 18	10 56	10 44	5 52		n.a.
W17	13 26	26 26	3 46	6 15	3 37	2 26	0 28	20 29	1 7	23 58	0 25	23 17	0 15	18 39	0 41	1 1	1 54	30 58	14 18	10 56	10 45	5 49		n.a.
T 18	13 6	23 30	2 54	6 21	3 41	2 57	0 32	20 17	1 7	23 58	0 25	23 17	0 15	18 38	0 41	1 2	1 54	30 58	14 18	10 57	10 46	5 46		n.a.
F 19	12 46	19 35	1 55	6 32	3 43	3 29	0 36	20 6	1 7	23 58	0 25	23 17	0 15	18 37	0 41	1 3	1 54	30 59	14 18	10 57	10 47	5 42		n.a.
S 20	12 25	14 55	0 51	6 46	3 44	4 0	0 40	19 54	1 7	23 59	0 25	23 17	0 15	18 36	0 41	1 3	1 54	30 59	14 18	10 57	10 48	5 39		n.a.
S 21	12 4	9 44	0n15	7 3	3 42	4 31	0 44	19 42	1 8	23 59	0 25	23 17	0 15	18 35	0 41	1 4	1 54	31 0	14 18	10 57	10 50	5 35		n.a.
M22	11 43	4 15	1 20	7 23	3 39	5 2	0 48	19 30	1 8	23 59	0 25	23 18	0 14	18 34	0 41	1 5	1 54	31 0	14 18	10 57	10 51	5 32		n.a.
T 23	11 22	1n23	2 21	7 46	3 34	5 33	0 52	19 18	1 8	23 59	0 25	23 18	0 14	18 33	0 41	1 6	1 54	31 0	14 18	10 57	10 52	5 29		n.a.
W24	11 1	6 59	3 16	8 11	3 27	6 4	0 56	19 5	1 8	23 59	0 25	23 18	0 14	18 33	0 41	1 6	1 54	31 1	14 18	10 57	10 53	5 25		n.a.
T 25	10 40	12 22	4 4	8 37	3 19	6 35	1 0	18 53	1 8	23 59	0 26	23 18	0 14	18 32	0 41	1 7	1 54	31 1	14 18	10 57	10 54	5 22		n.a.
F 26	10 18	17 21	4 41	9 5	3 9	7 6	1 4	18 40	1 8	23 59	0 26	23 18	0 14	18 31	0 41	1 8	1 54	31 2	14 18	10 57	10 55	5 19		n.a.
S 27	9 56	21 44	5 6	9 33	2 57	7 36	1 8	18 27	1 8	23 59	0 26	23 18	0 14	18 30	0 41	1 9	1 54	31 2	14 18	10 57	10 57	5 15		n.a.
S 28	9s34	25n15	5n17	10s 0	2n45	8n 6	1n13	18s13	1s 9	23n59	0n26	23n18	0s14	18s29	0s41	1n10	1s54	31n 2	14n17	10s57	10s58	5s12		n.a.

Julian Day Number = 1625028.5, Delta T = 03h45m15s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'51, Lahiri = - 7°35'50 Julian Calendar 1 Feb. 264 BCE == Greg. Calendar 28 Jan. 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

MARCH 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 18 15	6♓34'47	11♊32	26°R29	18♈44	13♒45	23♊20	22♊49	10♒30	7♈16	12°R 1	1°D50	1♓45	14♓28	n.a.	M 1
T 2	10 22 12	7°33'50	24°47	25♒49	19°52	14°31	23°21	22°50	10°33	7°18	12♌ 0	1♓50	1°42	14°35	n.a.	T 2
W 3	10 26 8	8°32'51	8♋28	25°14	21° 0	15°18	23°23	22°50	10°37	7°20	11°58	1°51	1°39	14°41	n.a.	W 3
T 4	10 30 5	9°31'50	22°36	24°44	22° 8	16° 5	23°25	22°51	10°40	7°22	11°57	1°51	1°35	14°48	n.a.	T 4
F 5	10 34 1	10°30'47	7♌10	24°19	23°15	16°51	23°27	22°51	10°43	7°24	11°56	1°52	1°32	14°55	n.a.	F 5
S 6	10 37 58	11°29'41	22° 4	23°59	24°22	17°38	23°30	22°52	10°46	7°26	11°54	1°52	1°29	15° 1	n.a.	S 6
S 7	10 41 54	12°28'32	7♍12	23°45	25°29	18°25	23°32	22°53	10°49	7°28	11°53	1°R52	1°26	15° 8	n.a.	S 7
M 8	10 45 51	13°27'22	22°26	23°36	26°36	19°11	23°35	22°54	10°52	7°30	11°52	1°52	1°23	15°15	n.a.	M 8
T 9	10 49 47	14°26'09	7♎36	23°D33	27°42	19°58	23°38	22°55	10°55	7°32	11°50	1°51	1°20	15°21	n.a.	T 9
W10	10 53 44	15°24'55	22°32	23°35	28°48	20°44	23°41	22°56	10°58	7°34	11°49	1°49	1°16	15°28	n.a.	W10
T 11	10 57 41	16°23'38	7♏ 7	23°43	29°55	21°31	23°44	22°58	11° 1	7°36	11°48	1°48	1°13	15°35	n.a.	T 11
F 12	11 1 37	17°22'20	21°16	23°56	1♉ 0	22°17	23°47	22°59	11° 4	7°38	11°47	1°46	1°10	15°41	n.a.	F 12
S 13	11 5 34	18°21'01	4♐58	24°13	2° 6	23° 4	23°51	23° 1	11° 7	7°41	11°45	1°45	1° 7	15°48	n.a.	S 13
S 14	11 9 30	19°19'39	18°13	24°35	3°12	23°50	23°54	23° 2	11°10	7°43	11°44	1°D44	1° 4	15°55	n.a.	S 14
M15	11 13 27	20°18'16	1♑ 4	25° 2	4°17	24°36	23°58	23° 4	11°13	7°45	11°43	1°45	1° 1	16° 1	n.a.	M15
T 16	11 17 23	21°16'51	13°35	25°33	5°22	25°23	24° 2	23° 6	11°15	7°47	11°42	1°46	0°57	16° 8	n.a.	T 16
W17	11 21 20	22°15'24	25°49	26° 8	6°26	26° 9	24° 7	23° 8	11°18	7°49	11°41	1°47	0°54	16°14	n.a.	W17
T 18	11 25 16	23°13'55	7♒51	26°47	7°31	26°55	24°11	23°10	11°21	7°52	11°40	1°49	0°51	16°21	n.a.	T 18
F 19	11 29 13	24°12'24	19°44	27°30	8°35	27°42	24°15	23°12	11°24	7°54	11°39	1°50	0°48	16°28	n.a.	F 19
S 20	11 33 10	25°10'52	1♓33	28°17	9°39	28°28	24°20	23°14	11°26	7°56	11°38	1°R51	0°45	16°34	n.a.	S 20
S 21	11 37 6	26° 9'17	13°20	29° 6	10°43	29°14	24°25	23°17	11°29	7°58	11°37	1°50	0°41	16°41	n.a.	S 21
M22	11 41 3	27° 7'41	25° 7	29°59	11°46	0♓ 0	24°30	23°19	11°32	8° 0	11°36	1°48	0°38	16°48	n.a.	M22
T 23	11 44 59	28° 6'03	6♈58	0♓56	12°49	0°46	24°35	23°22	11°34	8° 3	11°35	1°45	0°35	16°54	n.a.	T 23
W24	11 48 56	29° 4'23	18°53	1°55	13°52	1°32	24°41	23°24	11°37	8° 5	11°34	1°41	0°32	17° 1	n.a.	W24
T 25	11 52 52	0♈ 2'41	0♉55	2°57	14°55	2°18	24°46	23°27	11°40	8° 7	11°33	1°36	0°29	17° 8	n.a.	T 25
F 26	11 56 49	1° 0'56	13° 6	4° 2	15°57	3° 4	24°52	23°30	11°42	8° 9	11°32	1°31	0°26	17°14	n.a.	F 26
S 27	12 0 45	1°59'10	25°29	5° 9	16°59	3°50	24°58	23°33	11°45	8°12	11°31	1°27	0°22	17°21	n.a.	S 27
S 28	12 4 42	2°57'22	8♊ 4	6°19	18° 0	4°36	25° 4	23°36	11°47	8°14	11°30	1°23	0°19	17°28	n.a.	S 28
M29	12 8 38	3°55'32	20°57	7°31	19° 2	5°22	25°10	23°39	11°49	8°16	11°29	1°21	0°16	17°34	n.a.	M29
T 30	12 12 35	4°53'40	4♋ 8	8°46	20° 2	6° 8	25°16	23°43	11°52	8°18	11°28	1°D20	0°13	17°41	n.a.	T 30
W31	12 16 32	5♈51'45	17♋40	10♓ 3	21♉ 3	6♓53	25♊22	23♊46	11♒54	8♈21	11♌28	1♓21	0♓10	17♓48	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9s12	27n36	5n13	10s28	2n31	8n36	1n17	18s 0	1s 9	23n59	0n26	23n18	0s13	18s28	0s41	1n10	1s54	31n 3	14n17	10s57	10s59	5s 8		n.a.
T 2	8 50	28 30	4 53	10 55	2 17	9 6	1 21	17 46	1 9	23 59	0 26	23 19	0 13	18 27	0 41	1 11	1 54	31 3	14 17	10 57	11 0	5 5		n.a.
W 3	8 28	27 42	4 15	11 21	2 2	9 36	1 25	17 32	1 9	23 59	0 26	23 19	0 13	18 27	0 41	1 12	1 54	31 3	14 17	10 57	11 1	5 2		n.a.
T 4	8 5	25 7	3 21	11 45	1 47	10 5	1 29	17 18	1 9	24 0	0 26	23 19	0 13	18 26	0 41	1 13	1 54	31 3	14 17	10 57	11 2	4 58		n.a.
F 5	7 43	20 51	2 13	12 8	1 32	10 35	1 33	17 4	1 9	24 0	0 26	23 19	0 13	18 25	0 41	1 14	1 54	31 4	14 17	10 56	11 3	4 55		n.a.
S 6	7 20	15 11	0 54	12 29	1 16	11 3	1 37	16 50	1 9	24 0	0 26	23 19	0 13	18 24	0 41	1 15	1 54	31 4	14 17	10 56	11 5	4 51		n.a.
S 7	6 58	8 31	0s30	12 49	1 1	11 32	1 41	16 35	1 9	24 0	0 26	23 19	0 13	18 23	0 41	1 16	1 54	31 4	14 17	10 56	11 6	4 48		n.a.
M 8	6 35	1 20	1 52	13 6	0 46	12 1	1 45	16 21	1 9	24 0	0 26	23 20	0 13	18 22	0 41	1 16	1 54	31 4	14 16	10 56	11 7	4 45		n.a.
T 9	6 12	5s53	3 5	13 21	0 31	12 29	1 49	16 6	1 10	24 0	0 26	23 20	0 12	18 22	0 41	1 17	1 54	31 5	14 16	10 57	11 8	4 41		n.a.
W10	5 49	12 39	4 5	13 34	0 16	12 56	1 53	15 51	1 10	24 1	0 26	23 20	0 12	18 21	0 41	1 18	1 54	31 5	14 16	10 57	11 9	4 38		n.a.
T 11	5 26	18 34	4 48	13 45	0 2	13 24	1 57	15 36	1 10	24 1	0 26	23 20	0 12	18 20	0 41	1 19	1 54	31 5	14 16	10 58	11 10	4 35		n.a.
F 12	5 3	23 17	5 11	13 54	0s12	13 51	2 1	15 21	1 10	24 1	0 26	23 20	0 12	18 19	0 41	1 20	1 54	31 5	14 16	10 58	11 11	4 31		n.a.
S 13	4 40	26 33	5 16	14 0	0 25	14 18	2 5	15 6	1 10	24 1	0 26	23 21	0 12	18 18	0 41	1 21	1 54	31 5	14 15	10 59	11 13	4 28		n.a.
S 14	4 16	28 14	5 4	14 5	0 38	14 45	2 9	14 50	1 10	24 1	0 26	23 21	0 12	18 18	0 41	1 22	1 54	31 6	14 15	10 59	11 14	4 24		n.a.
M15	3 53	28 20	4 36	14 7	0 50	15 11	2 13	14 34	1 10	24 2	0 26	23 21	0 12	18 17	0 41	1 22	1 54	31 6	14 15	10 59	11 15	4 21		n.a.
T 16	3 30	26 57	3 56	14 7	1 2	15 37	2 17	14 19	1 10	24 2	0 26	23 21	0 12	18 16	0 41	1 23	1 54	31 6	14 15	10 59	11 16	4 18		n.a.
W17	3 6	24 17	3 6	14 6	1 13	16 2	2 20	14 3	1 10	24 2	0 26	23 21	0 11	18 15	0 41	1 24	1 54	31 6	14 15	10 58	11 17	4 14		n.a.
T 18	2 43	20 36	2 9	14 2	1 23	16 27	2 24	13 47	1 10	24 2	0 26	23 22	0 11	18 15	0 41	1 25	1 54	31 6	14 14	10 57	11 18	4 11		n.a.
F 19	2 20	16 7	1 6	13 56	1 33	16 52	2 28	13 31	1 10	24 3	0 26	23 22	0 11	18 14	0 41	1 26	1 54	31 6	14 14	10 57	11 19	4 7		n.a.
S 20	1 56	11 5	0 2	13 48	1 42	17 16	2 32	13 14	1 10	24 3	0 26	23 22	0 11	18 13	0 41	1 27	1 54	31 6	14 14	10 57	11 21	4 4		n.a.
S 21	1 33	5 40	1n 3	13 38	1 50	17 40	2 35	12 58	1 10	24 3	0 27	23 22	0 11	18 12	0 41	1 28	1 54	31 6	14 14	10 57	11 22	4 1		n.a.
M22	1 9	0 4	2 5	13 27	1 58	18 4	2 39	12 42	1 10	24 3	0 27	23 23	0 11	18 12	0 41	1 29	1 53	31 7	14 13	10 58	11 23	3 57		n.a.
T 23	0 46	5n34	3 1	13 13	2 5	18 27	2 42	12 25	1 10	24 4	0 27	23 23	0 11	18 11	0 41	1 30	1 53	31 7	14 13	10 59	11 24	3 54		n.a.
W24	0 22	11 1	3 50	12 58	2 11	18 49	2 46	12 8	1 10	24 4	0 27	23 23	0 11	18 10	0 41	1 30	1 53	31 7	14 13	11 0	11 25	3 50		n.a.
T 25	0n 1	16 8	4 29	12 40	2 17	19 12	2 49	11 52	1 10	24 4	0 27	23 23	0 11	18 9	0 41	1 31	1 53	31 7	14 13	11 2	11 26	3 47		n.a.
F 26	0 25	20 40	4 57	12 21	2 22	19 33	2 52	11 35	1 10	24 4	0 27	23 24	0 10	18 9	0 41	1 32	1 53	31 7	14 12	11 4	11 27	3 44		n.a.
S 27	0 48	24 23	5 11	12 1	2 27	19 55	2 56	11 18	1 10	24 5	0 27	23 24	0 10	18 8	0 41	1 33	1 53	31 7	14 12	11 5	11 28	3 40		n.a.
S 28	1 11	27 1	5 11	11 38	2 31	20 16	2 59	11 1	1 9	24 5	0 27	23 24	0 10	18 7	0 41	1 34	1 53	31 7	14 12	11 7	11 30	3 37		n.a.
M29	1 35	28 19	4 55	11 14	2 34	20 36	3 2	10 44	1 9	24 5	0 27	23 24	0 10	18 7	0 41	1 35	1 53	31 7	14 12	11 8	11 31	3 34		n.a.
T 30	1 58	28 3	4 23	10 48	2 37	20 56	3 5	10 27	1 9	24 5	0 27	23 25	0 10	18 6	0 41	1 36	1 53	31 7	14 11	11 8	11 32	3 30		n.a.
W31	2n21	26n 7	3n36	10s21	2s39	21n15	3n 8	10s 9	1s 9	24n 6	0n27	23n25	0s10	18s 5	0s42	1n37	1s53	31n 7	14n11	11s 8	11s33	3s27		n.a.

Julian Day Number = 1625056.5, Delta T = 03h45m14s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'47, Lahiri = - 7°35'46 Julian Calendar 1 March 264 BCE == Greg. Calendar 25 Feb. 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

APRIL 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 20 28	6♈49'49	1♌35	11♓22	22♉ 3	7♓39	25♊29	23♊49	11♒57	8♈23	11°R27	1♓22	0♓ 6	17♓54	n.a.	T 1
F 2	12 24 25	7°47'50	15°54	12°44	23° 3	8°25	25°36	23°53	11°59	8°25	11♌26	1°23	0° 3	18° 1	n.a.	F 2
S 3	12 28 21	8°45'49	0♍34	14° 8	24° 2	9°10	25°43	23°57	12° 1	8°27	11°25	1°R24	0° 0	18° 8	n.a.	S 3
S 4	12 32 18	9°43'47	15°31	15°33	25° 1	9°56	25°49	24° 0	12° 3	8°30	11°25	1°23	29♒57	18°14	n.a.	S 4
M 5	12 36 14	10°41'42	0♎39	17° 1	26° 0	10°42	25°57	24° 4	12° 5	8°32	11°24	1°21	29°54	18°21	n.a.	M 5
T 6	12 40 11	11°39'36	15°48	18°31	26°58	11°27	26° 4	24° 8	12° 8	8°34	11°23	1°16	29°51	18°28	n.a.	T 6
W 7	12 44 7	12°37'28	0♏48	20° 3	27°55	12°12	26°11	24°12	12°10	8°36	11°23	1°11	29°47	18°34	n.a.	W 7
T 8	12 48 4	13°35'19	15°30	21°37	28°52	12°58	26°19	24°16	12°12	8°39	11°22	1° 4	29°44	18°41	n.a.	T 8
F 9	12 52 1	14°33'08	29°49	23°13	29°49	13°43	26°26	24°20	12°14	8°41	11°22	0°58	29°41	18°47	n.a.	F 9
S 10	12 55 57	15°30'56	13♐39	24°52	0♊45	14°28	26°34	24°25	12°16	8°43	11°21	0°53	29°38	18°54	n.a.	S 10
S 11	12 59 54	16°28'43	27° 1	26°32	1°41	15°14	26°42	24°29	12°18	8°45	11°21	0°49	29°35	19° 1	n.a.	S 11
M12	13 3 50	17°26'28	9♑55	28°14	2°36	15°59	26°50	24°33	12°20	8°48	11°20	0°48	29°32	19° 7	n.a.	M12
T 13	13 7 47	18°24'13	22°27	29°58	3°30	16°44	26°58	24°38	12°21	8°50	11°20	0°D47	29°28	19°14	n.a.	T 13
W14	13 11 43	19°21'56	4♒39	1♈44	4°24	17°29	27° 6	24°43	12°23	8°52	11°19	0°48	29°25	19°21	n.a.	W14
T 15	13 15 40	20°19'37	16°39	3°32	5°18	18°14	27°15	24°47	12°25	8°54	11°19	0°49	29°22	19°27	n.a.	T 15
F 16	13 19 36	21°17'18	28°29	5°23	6°11	18°59	27°23	24°52	12°27	8°56	11°19	0°R50	29°19	19°34	n.a.	F 16
S 17	13 23 33	22°14'57	10♓16	7°15	7° 3	19°44	27°32	24°57	12°28	8°59	11°18	0°50	29°16	19°41	n.a.	S 17
S 18	13 27 30	23°12'35	22° 2	9° 9	7°54	20°29	27°41	25° 2	12°30	9° 1	11°18	0°47	29°12	19°47	n.a.	S 18
M19	13 31 26	24°10'12	3♈53	11° 5	8°45	21°14	27°49	25° 7	12°32	9° 3	11°18	0°43	29° 9	19°54	n.a.	M19
T 20	13 35 23	25° 7'47	15°49	13° 3	9°35	21°59	27°58	25°12	12°33	9° 5	11°18	0°36	29° 6	20° 1	n.a.	T 20
W21	13 39 19	26° 5'21	27°54	15° 3	10°25	22°44	28° 7	25°17	12°35	9° 7	11°17	0°27	29° 3	20° 7	n.a.	W21
T 22	13 43 16	27° 2'54	10♉ 8	17° 5	11°14	23°28	28°17	25°22	12°36	9°10	11°17	0°17	29° 0	20°14	n.a.	T 22
F 23	13 47 12	28° 0'26	22°33	19° 8	12° 2	24°13	28°26	25°27	12°38	9°12	11°17	0° 6	28°57	20°21	n.a.	F 23
S 24	13 51 9	28°57'57	5♊ 9	21°14	12°49	24°57	28°35	25°33	12°39	9°14	11°17	29♒56	28°53	20°27	n.a.	S 24
S 25	13 55 5	29°55'26	17°57	23°20	13°35	25°42	28°45	25°38	12°40	9°16	11°17	29°48	28°50	20°34	n.a.	S 25
M26	13 59 2	0♉52'54	0♋58	25°28	14°21	26°27	28°54	25°44	12°42	9°18	11°D17	29°42	28°47	20°41	n.a.	M26
T 27	14 2 59	1°50'20	14°13	27°37	15° 5	27°11	29° 4	25°49	12°43	9°20	11°17	29°39	28°44	20°47	n.a.	T 27
W28	14 6 55	2°47'45	27°44	29°48	15°49	27°55	29°14	25°55	12°44	9°22	11°17	29°D37	28°41	20°54	n.a.	W28
T 29	14 10 52	3°45'09	11♌32	1♉59	16°32	28°40	29°24	26° 1	12°45	9°25	11°17	29°37	28°38	21° 1	n.a.	T 29
F 30	14 14 48	4♉42'31	25♌38	4♉10	17♊13	29♓24	29♊33	26♊ 6	12♒46	9♈27	11♌17	29°R38	28♒34	21♓ 7	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n45	22n34	2n36	9s51	2s41	21n34	3n11	9s52	1s 9	24n 6	0n27	23n25	0s10	18s 5	0s42	1n38	1s53	31n 7	14n11	11s 7	11s34	3s23		n.a.
F 2	3 8	17 35	1 24	9 21	2 42	21 52	3 13	9 35	1 9	24 6	0 27	23 26	0 10	18 4	0 42	1 39	1 53	31 6	14 10	11 7	11 35	3 20		n.a.
S 3	3 31	11 29	0 5	8 48	2 42	22 10	3 16	9 17	1 9	24 6	0 27	23 26	0 10	18 4	0 42	1 39	1 53	31 6	14 10	11 6	11 36	3 17		n.a.
S 4	3 54	4 36	1s16	8 15	2 42	22 28	3 19	9 0	1 9	24 7	0 27	23 26	0 9	18 3	0 42	1 40	1 53	31 6	14 10	11 7	11 38	3 13		n.a.
M 5	4 17	2s35	2 32	7 39	2 41	22 44	3 21	8 42	1 9	24 7	0 27	23 26	0 9	18 2	0 42	1 41	1 53	31 6	14 9	11 8	11 39	3 10		n.a.
T 6	4 40	9 38	3 38	7 2	2 40	23 1	3 23	8 25	1 9	24 7	0 27	23 27	0 9	18 2	0 42	1 42	1 53	31 6	14 9	11 9	11 40	3 6		n.a.
W 7	5 3	16 3	4 27	6 24	2 38	23 16	3 26	8 7	1 8	24 8	0 27	23 27	0 9	18 1	0 42	1 43	1 53	31 6	14 9	11 11	11 41	3 3		n.a.
T 8	5 26	21 26	4 58	5 44	2 35	23 32	3 28	7 49	1 8	24 8	0 27	23 27	0 9	18 1	0 42	1 44	1 53	31 6	14 8	11 13	11 42	3 0		n.a.
F 9	5 48	25 23	5 9	5 3	2 32	23 46	3 30	7 31	1 8	24 8	0 27	23 28	0 9	18 0	0 42	1 45	1 53	31 6	14 8	11 16	11 43	2 56		n.a.
S 10	6 11	27 42	5 2	4 20	2 29	24 0	3 32	7 14	1 8	24 8	0 27	23 28	0 9	18 0	0 42	1 46	1 53	31 6	14 8	11 18	11 44	2 53		n.a.
S 11	6 33	28 20	4 38	3 36	2 24	24 14	3 34	6 56	1 8	24 8	0 27	23 28	0 9	17 59	0 42	1 47	1 53	31 5	14 7	11 19	11 45	2 49		n.a.
M12	6 56	27 21	4 1	2 50	2 20	24 27	3 35	6 38	1 8	24 9	0 27	23 28	0 9	17 59	0 42	1 47	1 53	31 5	14 7	11 19	11 47	2 46		n.a.
T 13	7 18	25 0	3 12	2 4	2 14	24 39	3 37	6 20	1 7	24 9	0 27	23 29	0 8	17 58	0 42	1 48	1 54	31 5	14 7	11 20	11 48	2 43		n.a.
W14	7 40	21 32	2 17	1 16	2 8	24 51	3 38	6 2	1 7	24 9	0 27	23 29	0 8	17 58	0 42	1 49	1 54	31 5	14 6	11 19	11 49	2 39		n.a.
T 15	8 2	17 15	1 16	0 26	2 2	25 2	3 39	5 44	1 7	24 9	0 27	23 29	0 8	17 57	0 42	1 50	1 54	31 5	14 6	11 19	11 50	2 36		n.a.
F 16	8 24	12 20	0 13	0n24	1 55	25 13	3 40	5 26	1 7	24 10	0 27	23 30	0 8	17 57	0 42	1 51	1 54	31 4	14 6	11 19	11 51	2 32		n.a.
S 17	8 46	7 2	0n51	1 16	1 48	25 23	3 41	5 8	1 7	24 10	0 27	23 30	0 8	17 56	0 42	1 52	1 54	31 4	14 5	11 19	11 52	2 29		n.a.
S 18	9 8	1 29	1 52	2 8	1 40	25 33	3 42	4 50	1 6	24 10	0 27	23 30	0 8	17 56	0 42	1 53	1 54	31 4	14 5	11 20	11 53	2 26		n.a.
M19	9 29	4n 7	2 48	3 2	1 32	25 42	3 43	4 32	1 6	24 10	0 28	23 31	0 8	17 55	0 42	1 54	1 54	31 4	14 5	11 21	11 54	2 22		n.a.
T 20	9 50	9 38	3 37	3 57	1 23	25 50	3 43	4 13	1 6	24 10	0 28	23 31	0 8	17 55	0 42	1 54	1 54	31 3	14 4	11 24	11 56	2 19		n.a.
W21	10 12	14 51	4 17	4 52	1 14	25 58	3 44	3 55	1 6	24 11	0 28	23 31	0 8	17 55	0 42	1 55	1 54	31 3	14 4	11 27	11 57	2 15		n.a.
T 22	10 33	19 33	4 46	5 48	1 4	26 5	3 44	3 37	1 5	24 11	0 28	23 31	0 7	17 54	0 42	1 56	1 54	31 3	14 4	11 31	11 58	2 12		n.a.
F 23	10 54	23 29	5 2	6 44	0 55	26 12	3 44	3 19	1 5	24 11	0 28	23 32	0 7	17 54	0 42	1 57	1 54	31 2	14 3	11 34	11 59	2 9		n.a.
S 24	11 14	26 23	5 3	7 41	0 45	26 18	3 43	3 1	1 5	24 11	0 28	23 32	0 7	17 54	0 42	1 58	1 54	31 2	14 3	11 38	12 0	2 5		n.a.
S 25	11 35	27 59	4 50	8 38	0 34	26 24	3 43	2 43	1 5	24 11	0 28	23 32	0 7	17 53	0 42	1 59	1 54	31 2	14 3	11 41	12 1	2 2		n.a.
M26	11 55	28 4	4 21	9 36	0 24	26 28	3 42	2 25	1 4	24 11	0 28	23 33	0 7	17 53	0 42	1 59	1 54	31 1	14 2	11 43	12 2	1 58		n.a.
T 27	12 15	26 34	3 38	10 33	0 13	26 33	3 41	2 7	1 4	24 11	0 28	23 33	0 7	17 53	0 42	2 0	1 54	31 1	14 2	11 44	12 3	1 55		n.a.
W28	12 35	23 30	2 42	11 29	0 3	26 37	3 40	1 48	1 4	24 11	0 28	23 33	0 7	17 52	0 42	2 1	1 54	31 1	14 1	11 45	12 5	1 52		n.a.
T 29	12 55	19 3	1 35	12 26	0n 8	26 40	3 39	1 30	1 3	24 12	0 28	23 33	0 7	17 52	0 43	2 2	1 54	31 0	14 1	11 45	12 6	1 48		n.a.
F 30	13n15	13n28	0n21	13n21	0n18	26n43	3n37	1s12	1s 3	24n12	0n28	23n34	0s 7	17s52	0s43	2n 3	1s54	31n 0	14n 1	11s44	12s 7	1s45		n.a.

Julian Day Number = 1625087.5, Delta T = 03h45m13s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'43, Lahiri = - 7°35'42 Julian Calendar 1 Apr. 264 BCE == Greg. Calendar 28 March 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

MAY 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 18 45	5♉39'52	10♍ 1	6♉22	17♊54	0♈ 8	29♊44	26♊12	12♒47	9♈29	11♌17	29°R37	28♒31	21♓14	n.a.	S 1
S 2	14 22 41	6°37'12	24°39	8°34	18°33	0°52	29°54	26°18	12°48	9°31	11°18	29♒35	28°28	21°21	n.a.	S 2
M 3	14 26 38	7°34'30	9♎28	10°45	19°12	1°36	0♋ 4	26°24	12°49	9°33	11°18	29°31	28°25	21°27	n.a.	M 3
T 4	14 30 34	8°31'48	24°20	12°56	19°49	2°20	0°14	26°30	12°50	9°35	11°18	29°24	28°22	21°34	n.a.	T 4
W 5	14 34 31	9°29'04	9♏ 8	15° 6	20°25	3° 4	0°25	26°36	12°51	9°37	11°18	29°14	28°18	21°41	n.a.	W 5
T 6	14 38 28	10°26'20	23°44	17°15	20°59	3°48	0°35	26°42	12°52	9°39	11°18	29° 4	28°15	21°47	n.a.	T 6
F 7	14 42 24	11°23'35	8♐ 0	19°22	21°33	4°32	0°46	26°48	12°53	9°41	11°19	28°54	28°12	21°54	n.a.	F 7
S 8	14 46 21	12°20'49	21°51	21°29	22° 5	5°16	0°56	26°55	12°53	9°43	11°19	28°45	28° 9	22° 0	n.a.	S 8
S 9	14 50 17	13°18'03	5♑14	23°33	22°35	5°59	1° 7	27° 1	12°54	9°45	11°19	28°37	28° 6	22° 7	n.a.	S 9
M10	14 54 14	14°15'16	18°12	25°36	23° 5	6°43	1°18	27° 7	12°55	9°47	11°20	28°33	28° 3	22°14	n.a.	M10
T 11	14 58 10	15°12'29	0♒45	27°36	23°32	7°27	1°29	27°14	12°55	9°49	11°20	28°30	27°59	22°20	n.a.	T 11
W12	15 2 7	16° 9'41	13° 0	29°35	23°58	8°10	1°40	27°20	12°56	9°51	11°21	28°D29	27°56	22°27	n.a.	W12
T 13	15 6 3	17° 6'53	25° 0	1♊32	24°23	8°54	1°51	27°27	12°56	9°53	11°21	28°R29	27°53	22°34	n.a.	T 13
F 14	15 10 0	18° 4'05	6♓51	3°26	24°45	9°37	2° 2	27°33	12°57	9°54	11°22	28°29	27°50	22°40	n.a.	F 14
S 15	15 13 57	19° 1'16	18°38	5°18	25° 6	10°20	2°13	27°40	12°57	9°56	11°22	28°28	27°47	22°47	n.a.	S 15
S 16	15 17 53	19°58'27	0♈27	7° 8	25°26	11° 4	2°24	27°46	12°57	9°58	11°23	28°24	27°43	22°54	n.a.	S 16
M17	15 21 50	20°55'37	12°22	8°55	25°43	11°47	2°36	27°53	12°58	10° 0	11°24	28°18	27°40	23° 0	n.a.	M17
T 18	15 25 46	21°52'48	24°26	10°40	25°58	12°30	2°47	28° 0	12°58	10° 2	11°24	28° 9	27°37	23° 7	n.a.	T 18
W19	15 29 43	22°49'58	6♉41	12°23	26°12	13°13	2°58	28° 7	12°58	10° 3	11°25	27°58	27°34	23°14	n.a.	W19
T 20	15 33 39	23°47'07	19°10	14° 3	26°23	13°56	3°10	28°13	12°58	10° 5	11°26	27°45	27°31	23°20	n.a.	T 20
F 21	15 37 36	24°44'17	1♊51	15°41	26°32	14°39	3°22	28°20	12°58	10° 7	11°26	27°32	27°28	23°27	n.a.	F 21
S 22	15 41 33	25°41'26	14°46	17°16	26°40	15°22	3°33	28°27	12°R58	10° 9	11°27	27°20	27°24	23°34	n.a.	S 22
S 23	15 45 29	26°38'35	27°53	18°49	26°45	16° 5	3°45	28°34	12°58	10°10	11°28	27°10	27°21	23°40	n.a.	S 23
M24	15 49 26	27°35'43	11♋12	20°20	26°47	16°48	3°57	28°41	12°58	10°12	11°29	27° 2	27°18	23°47	n.a.	M24
T 25	15 53 22	28°32'51	24°41	21°48	26°R48	17°31	4° 9	28°48	12°58	10°14	11°30	26°57	27°15	23°54	n.a.	T 25
W26	15 57 19	29°29'58	8♌21	23°13	26°46	18°13	4°20	28°55	12°58	10°15	11°30	26°54	27°12	24° 0	n.a.	W26
T 27	16 1 15	0♊27'05	22°11	24°36	26°42	18°56	4°32	29° 2	12°58	10°17	11°31	26°54	27° 9	24° 7	n.a.	T 27
F 28	16 5 12	1°24'11	6♍12	25°57	26°35	19°38	4°44	29°10	12°58	10°18	11°32	26°54	27° 5	24°14	n.a.	F 28
S 29	16 9 8	2°21'17	20°23	27°14	26°26	20°21	4°56	29°17	12°57	10°20	11°33	26°53	27° 2	24°20	n.a.	S 29
S 30	16 13 5	3°18'23	4♎43	28°30	26°14	21° 3	5° 9	29°24	12°57	10°22	11°34	26°50	26°59	24°27	n.a.	S 30
M31	16 17 2	4♊15'28	19♎10	29♊42	26♊ 1	21♈45	5♋21	29♊31	12♒57	10♈23	11♌35	26♒45	26♒56	24♓34	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n34	7n 3	0s55	14n15	0n29	26n45	3n36	0s54	1s 3	24n12	0n28	23n34	0s 7	17s51	0s43	2n 4	1s54	31n 0	14n 0	11s44	12s 8	1s41		n.a.
S 2	13 53	0 11	2 9	15 8	0 39	26 47	3 34	0 36	1 2	24 12	0 28	23 34	0 6	17 51	0 43	2 4	1 54	30 59	14 0	11 45	12 9	1 38		n.a.
M 3	14 12	6s46	3 15	16 0	0 49	26 48	3 31	0 18	1 2	24 12	0 28	23 34	0 6	17 51	0 43	2 5	1 54	30 59	14 0	11 47	12 10	1 35		n.a.
T 4	14 31	13 23	4 8	16 50	0 58	26 48	3 29	0 0	1 2	24 12	0 28	23 35	0 6	17 51	0 43	2 6	1 54	30 58	13 59	11 49	12 11	1 31		n.a.
W 5	14 50	19 11	4 44	17 38	1 7	26 48	3 26	0n18	1 1	24 12	0 28	23 35	0 6	17 50	0 43	2 7	1 54	30 58	13 59	11 53	12 12	1 28		n.a.
T 6	15 8	23 47	5 1	18 23	1 15	26 48	3 23	0 36	1 1	24 12	0 28	23 35	0 6	17 50	0 43	2 7	1 54	30 58	13 59	11 56	12 13	1 24		n.a.
F 7	15 26	26 49	4 58	19 7	1 23	26 47	3 20	0 54	1 1	24 12	0 28	23 36	0 6	17 50	0 43	2 8	1 54	30 57	13 58	12 0	12 15	1 21		n.a.
S 8	15 44	28 6	4 38	19 49	1 31	26 45	3 16	1 12	1 0	24 12	0 28	23 36	0 6	17 50	0 43	2 9	1 54	30 57	13 58	12 3	12 16	1 18		n.a.
S 9	16 1	27 41	4 3	20 27	1 37	26 43	3 12	1 29	1 0	24 12	0 28	23 36	0 6	17 50	0 43	2 10	1 54	30 56	13 57	12 6	12 17	1 14		n.a.
M10	16 19	25 43	3 17	21 4	1 44	26 40	3 8	1 47	1 0	24 12	0 28	23 36	0 6	17 50	0 43	2 10	1 54	30 56	13 57	12 7	12 18	1 11		n.a.
T 11	16 36	22 32	2 22	21 38	1 49	26 37	3 3	2 5	0 59	24 12	0 28	23 36	0 6	17 50	0 43	2 11	1 54	30 55	13 57	12 8	12 19	1 7		n.a.
W12	16 52	18 25	1 21	22 9	1 54	26 34	2 58	2 23	0 59	24 12	0 28	23 37	0 5	17 49	0 43	2 12	1 54	30 55	13 56	12 9	12 20	1 4		n.a.
T 13	17 9	13 38	0 19	22 38	1 58	26 30	2 53	2 40	0 58	24 11	0 29	23 37	0 5	17 49	0 43	2 13	1 54	30 54	13 56	12 8	12 21	1 1		n.a.
F 14	17 25	8 25	0n44	23 4	2 1	26 25	2 48	2 58	0 58	24 11	0 29	23 37	0 5	17 49	0 43	2 13	1 54	30 54	13 56	12 9	12 22	0 57		n.a.
S 15	17 41	2 57	1 45	23 28	2 4	26 20	2 42	3 16	0 58	24 11	0 29	23 37	0 5	17 49	0 43	2 14	1 54	30 53	13 55	12 9	12 23	0 54		n.a.
S 16	17 57	2n38	2 41	23 49	2 5	26 14	2 35	3 33	0 57	24 11	0 29	23 38	0 5	17 49	0 43	2 15	1 54	30 53	13 55	12 10	12 25	0 51		n.a.
M17	18 12	8 10	3 30	24 8	2 7	26 8	2 29	3 51	0 57	24 11	0 29	23 38	0 5	17 49	0 43	2 15	1 54	30 52	13 55	12 12	12 26	0 47		n.a.
T 18	18 27	13 27	4 10	24 25	2 7	26 2	2 22	4 8	0 56	24 11	0 29	23 38	0 5	17 49	0 43	2 16	1 54	30 52	13 54	12 16	12 27	0 44		n.a.
W19	18 42	18 18	4 40	24 39	2 7	25 55	2 14	4 25	0 56	24 11	0 29	23 38	0 5	17 49	0 43	2 17	1 55	30 51	13 54	12 19	12 28	0 40		n.a.
T 20	18 57	22 28	4 57	24 51	2 6	25 47	2 6	4 43	0 55	24 10	0 29	23 38	0 5	17 49	0 43	2 17	1 55	30 51	13 53	12 24	12 29	0 37		n.a.
F 21	19 11	25 40	4 59	25 0	2 4	25 39	1 58	5 0	0 55	24 10	0 29	23 39	0 5	17 49	0 43	2 18	1 55	30 50	13 53	12 28	12 30	0 34		n.a.
S 22	19 25	27 35	4 47	25 8	2 2	25 31	1 50	5 17	0 55	24 10	0 29	23 39	0 4	17 49	0 43	2 19	1 55	30 49	13 53	12 33	12 31	0 30		n.a.
S 23	19 38	28 1	4 19	25 13	1 59	25 22	1 41	5 34	0 54	24 9	0 29	23 39	0 4	17 49	0 43	2 19	1 55	30 49	13 52	12 36	12 32	0 27		n.a.
M24	19 52	26 51	3 36	25 17	1 55	25 12	1 31	5 51	0 54	24 9	0 29	23 39	0 4	17 49	0 43	2 20	1 55	30 48	13 52	12 39	12 33	0 23		n.a.
T 25	20 5	24 5	2 41	25 19	1 51	25 3	1 21	6 8	0 53	24 9	0 29	23 39	0 4	17 49	0 44	2 20	1 55	30 48	13 52	12 41	12 34	0 20		n.a.
W26	20 17	19 57	1 36	25 19	1 46	24 52	1 11	6 25	0 53	24 9	0 29	23 39	0 4	17 49	0 44	2 21	1 55	30 47	13 51	12 42	12 36	0 17		n.a.
T 27	20 30	14 41	0 25	25 17	1 40	24 42	1 0	6 42	0 52	24 8	0 29	23 40	0 4	17 49	0 44	2 22	1 55	30 47	13 51	12 42	12 37	0 13		n.a.
F 28	20 41	8 35	0s49	25 14	1 34	24 30	0 49	6 59	0 52	24 8	0 29	23 40	0 4	17 49	0 44	2 22	1 55	30 46	13 51	12 42	12 38	0 10		n.a.
S 29	20 53	2 0	2 1	25 9	1 27	24 19	0 38	7 15	0 51	24 7	0 29	23 40	0 4	17 50	0 44	2 23	1 55	30 45	13 50	12 42	12 39	0 6		n.a.
S 30	21 4	4s44	3 6	25 3	1 20	24 6	0 26	7 32	0 51	24 7	0 29	23 40	0 4	17 50	0 44	2 23	1 55	30 45	13 50	12 43	12 40	0 3		n.a.
M31	21n15	11s16	3s59	24n56	1n12	23n54	0n14	7n48	0s50	24n 7	0n29	23n40	0s 4	17s50	0s44	2n24	1s55	30n44	13n50	12s45	12s41	0n 0		n.a.

Julian Day Number = 1625117.5, Delta T = 03h45m12s
Ecliptic obliquity = 23°43'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'39, Lahiri = - 7°35'38 Julian Calendar 1 May 264 BCE == Greg. Calendar 27 Apr. 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

JUNE 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 20 58	5♊12'33	3♏39	0♋52	25°R44	22♈28	5♋33	29♊39	12°R56	10♈25	11♘36	26°R38	26♒53	24♓40	n.a.	T 1
W 2	16 24 55	6° 9'38	18° 4	1°59	25♊26	23°10	5°45	29°46	12♒56	10°26	11°37	26♒28	26°49	24°47	n.a.	W 2
T 3	16 28 51	7° 6'43	2♐20	3° 3	25° 5	23°52	5°57	29°53	12°55	10°27	11°38	26°17	26°46	24°54	n.a.	T 3
F 4	16 32 48	8° 3'48	16°20	4° 3	24°42	24°34	6°10	0♋ 1	12°55	10°29	11°40	26° 6	26°43	25° 0	n.a.	F 4
S 5	16 36 44	9° 0'54	29°59	5° 1	24°17	25°16	6°22	0° 8	12°54	10°30	11°41	25°55	26°40	25° 7	n.a.	S 5
S 6	16 40 41	9°57'59	13♑17	5°56	23°50	25°58	6°35	0°15	12°53	10°32	11°42	25°47	26°37	25°14	n.a.	S 6
M 7	16 44 37	10°55'05	26°11	6°47	23°21	26°39	6°47	0°23	12°53	10°33	11°43	25°42	26°34	25°20	n.a.	M 7
T 8	16 48 34	11°52'12	8♒44	7°35	22°50	27°21	7° 0	0°30	12°52	10°34	11°44	25°39	26°30	25°27	n.a.	T 8
W 9	16 52 31	12°49'18	20°58	8°19	22°18	28° 3	7°12	0°38	12°51	10°35	11°46	25°D37	26°27	25°34	n.a.	W 9
T 10	16 56 27	13°46'26	2♓59	9° 0	21°44	28°45	7°25	0°45	12°50	10°37	11°47	25°37	26°24	25°40	n.a.	T 10
F 11	17 0 24	14°43'34	14°52	9°37	21° 9	29°26	7°37	0°53	12°49	10°38	11°48	25°R38	26°21	25°47	n.a.	F 11
S 12	17 4 20	15°40'42	26°41	10° 9	20°34	0♉ 8	7°50	1° 1	12°48	10°39	11°49	25°37	26°18	25°54	n.a.	S 12
S 13	17 8 17	16°37'51	8♈33	10°38	19°57	0°49	8° 3	1° 8	12°47	10°40	11°51	25°35	26°15	26° 0	n.a.	S 13
M14	17 12 13	17°35'01	20°31	11° 2	19°20	1°30	8°15	1°16	12°46	10°41	11°52	25°30	26°11	26° 7	n.a.	M14
T 15	17 16 10	18°32'12	2♉40	11°22	18°43	2°12	8°28	1°23	12°45	10°43	11°54	25°24	26° 8	26°14	n.a.	T 15
W16	17 20 7	19°29'23	15° 5	11°38	18° 6	2°53	8°41	1°31	12°44	10°44	11°55	25°15	26° 5	26°20	n.a.	W16
T 17	17 24 3	20°26'35	27°45	11°48	17°29	3°34	8°54	1°39	12°43	10°45	11°56	25° 4	26° 2	26°27	n.a.	T 17
F 18	17 28 0	21°23'48	10♊43	11°54	16°52	4°15	9° 7	1°46	12°42	10°46	11°58	24°53	25°59	26°34	n.a.	F 18
S 19	17 31 56	22°21'01	23°58	11°R56	16°16	4°56	9°19	1°54	12°41	10°47	11°59	24°43	25°55	26°40	n.a.	S 19
S 20	17 35 53	23°18'15	7♋27	11°52	15°41	5°37	9°32	2° 2	12°39	10°48	12° 1	24°34	25°52	26°47	n.a.	S 20
M21	17 39 49	24°15'30	21° 9	11°43	15° 7	6°18	9°45	2° 9	12°38	10°49	12° 2	24°28	25°49	26°54	n.a.	M21
T 22	17 43 46	25°12'45	5♌ 1	11°29	14°34	6°58	9°58	2°17	12°37	10°49	12° 4	24°24	25°46	27° 0	n.a.	T 22
W23	17 47 42	26°10'01	19° 0	11°11	14° 3	7°39	10°11	2°25	12°35	10°50	12° 6	24°D22	25°43	27° 7	n.a.	W23
T 24	17 51 39	27° 7'17	3♍ 3	10°48	13°33	8°19	10°24	2°33	12°34	10°51	12° 7	24°22	25°40	27°14	n.a.	T 24
F 25	17 55 36	28° 4'34	17°11	10°20	13° 5	9° 0	10°37	2°40	12°32	10°52	12° 9	24°23	25°36	27°20	n.a.	F 25
S 26	17 59 32	29° 1'51	1♎20	9°49	12°39	9°40	10°50	2°48	12°31	10°53	12°10	24°R24	25°33	27°27	n.a.	S 26
S 27	18 3 29	29°59'09	15°30	9°13	12°15	10°21	11° 3	2°56	12°29	10°53	12°12	24°22	25°30	27°34	n.a.	S 27
M28	18 7 25	0♋56'27	29°39	8°34	11°53	11° 1	11°16	3° 3	12°28	10°54	12°14	24°19	25°27	27°40	n.a.	M28
T 29	18 11 22	1°53'46	13♏44	7°53	11°34	11°41	11°29	3°11	12°26	10°55	12°15	24°14	25°24	27°47	n.a.	T 29
W30	18 15 18	2♋51'06	27♏44	7♋10	11♊16	12♉21	11♋43	3♋19	12♒24	10♈55	12♘17	24♒ 7	25♒21	27♓54	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n26	17s13	4s37	24n47	1n 3	23n41	0n 1	8n 5	0s50	24n 6	0n29	23n40	0s 4	17s50	0s44	2n24	1s55	30n43	13n49	12s47	12s42	0n 4		n.a.
W 2	21 36	22 10	4 58	24 37	0 54	23 27	0s12	8 21	0 49	24 6	0 30	23 40	0 3	17 50	0 44	2 25	1 55	30 43	13 49	12 51	12 43	0 7		n.a.
T 3	21 46	25 46	4 59	24 26	0 45	23 13	0 25	8 37	0 49	24 5	0 30	23 40	0 3	17 50	0 44	2 25	1 55	30 42	13 49	12 55	12 44	0 10		n.a.
F 4	21 55	27 42	4 43	24 14	0 34	22 59	0 38	8 53	0 48	24 5	0 30	23 41	0 3	17 51	0 44	2 26	1 55	30 42	13 48	12 58	12 45	0 14		n.a.
S 5	22 4	27 54	4 10	24 2	0 24	22 44	0 52	9 9	0 48	24 4	0 30	23 41	0 3	17 51	0 44	2 26	1 55	30 41	13 48	13 2	12 47	0 17		n.a.
S 6	22 13	26 27	3 24	23 48	0 13	22 29	1 6	9 25	0 47	24 4	0 30	23 41	0 3	17 51	0 44	2 27	1 55	30 40	13 48	13 5	12 48	0 21		n.a.
M 7	22 21	23 37	2 29	23 34	0 1	22 14	1 20	9 41	0 47	24 3	0 30	23 41	0 3	17 51	0 44	2 27	1 55	30 40	13 47	13 7	12 49	0 24		n.a.
T 8	22 29	19 43	1 28	23 19	0s11	21 58	1 34	9 57	0 46	24 2	0 30	23 41	0 3	17 52	0 44	2 28	1 56	30 39	13 47	13 8	12 50	0 27		n.a.
W 9	22 37	15 4	0 25	23 4	0 24	21 42	1 48	10 12	0 45	24 2	0 30	23 41	0 3	17 52	0 44	2 28	1 56	30 38	13 47	13 8	12 51	0 31		n.a.
T 10	22 44	9 55	0n39	22 49	0 36	21 26	2 2	10 28	0 45	24 1	0 30	23 41	0 3	17 52	0 44	2 29	1 56	30 38	13 47	13 8	12 52	0 34		n.a.
F 11	22 51	4 29	1 41	22 33	0 50	21 10	2 16	10 43	0 44	24 0	0 30	23 41	0 3	17 52	0 44	2 29	1 56	30 37	13 46	13 8	12 53	0 38		n.a.
S 12	22 57	1n 4	2 37	22 17	1 3	20 53	2 30	10 58	0 44	24 0	0 30	23 41	0 3	17 53	0 44	2 30	1 56	30 36	13 46	13 8	12 54	0 41		n.a.
S 13	23 3	6 36	3 28	22 1	1 17	20 37	2 44	11 13	0 43	23 59	0 30	23 41	0 2	17 53	0 44	2 30	1 56	30 36	13 46	13 9	12 55	0 44		n.a.
M14	23 8	11 56	4 9	21 45	1 31	20 21	2 58	11 29	0 43	23 58	0 30	23 41	0 2	17 53	0 44	2 30	1 56	30 35	13 45	13 10	12 56	0 48		n.a.
T 15	23 14	16 55	4 40	21 29	1 46	20 4	3 11	11 43	0 42	23 58	0 30	23 41	0 2	17 54	0 44	2 31	1 56	30 34	13 45	13 13	12 57	0 51		n.a.
W16	23 18	21 18	4 58	21 13	2 0	19 48	3 24	11 58	0 41	23 57	0 30	23 41	0 2	17 54	0 44	2 31	1 56	30 34	13 45	13 16	12 59	0 54		n.a.
T 17	23 23	24 48	5 3	20 58	2 15	19 32	3 36	12 13	0 41	23 56	0 30	23 41	0 2	17 54	0 44	2 32	1 56	30 33	13 45	13 19	13 0	0 58		n.a.
F 18	23 27	27 8	4 52	20 43	2 29	19 17	3 49	12 28	0 40	23 55	0 31	23 41	0 2	17 55	0 44	2 32	1 56	30 32	13 44	13 23	13 1	1 1		n.a.
S 19	23 30	28 0	4 25	20 28	2 44	19 2	4 0	12 42	0 39	23 54	0 31	23 41	0 2	17 55	0 44	2 32	1 56	30 31	13 44	13 26	13 2	1 5		n.a.
S 20	23 33	27 14	3 43	20 15	2 58	18 47	4 11	12 56	0 39	23 53	0 31	23 41	0 2	17 56	0 44	2 33	1 56	30 31	13 44	13 29	13 3	1 8		n.a.
M21	23 36	24 48	2 48	20 2	3 12	18 33	4 22	13 11	0 38	23 53	0 31	23 41	0 2	17 56	0 45	2 33	1 56	30 30	13 44	13 32	13 4	1 11		n.a.
T 22	23 38	20 53	1 42	19 49	3 25	18 19	4 32	13 25	0 38	23 52	0 31	23 41	0 2	17 56	0 45	2 33	1 56	30 29	13 43	13 33	13 5	1 15		n.a.
W23	23 40	15 46	0 29	19 38	3 38	18 6	4 41	13 39	0 37	23 51	0 31	23 41	0 2	17 57	0 45	2 33	1 56	30 29	13 43	13 33	13 6	1 18		n.a.
T 24	23 42	9 47	0s46	19 28	3 50	17 54	4 50	13 53	0 36	23 50	0 31	23 41	0 1	17 57	0 45	2 34	1 57	30 28	13 43	13 33	13 7	1 21		n.a.
F 25	23 43	3 18	1 59	19 19	4 1	17 43	4 58	14 6	0 36	23 49	0 31	23 41	0 1	17 58	0 45	2 34	1 57	30 27	13 43	13 33	13 8	1 25		n.a.
S 26	23 44	3s21	3 5	19 11	4 11	17 32	5 6	14 20	0 35	23 48	0 31	23 41	0 1	17 58	0 45	2 34	1 57	30 27	13 42	13 33	13 9	1 28		n.a.
S 27	23 44	9 50	3 59	19 5	4 20	17 22	5 13	14 33	0 34	23 47	0 31	23 41	0 1	17 59	0 45	2 34	1 57	30 26	13 42	13 33	13 10	1 31		n.a.
M28	23 44	15 49	4 39	18 59	4 28	17 13	5 19	14 47	0 34	23 46	0 31	23 41	0 1	17 59	0 45	2 35	1 57	30 25	13 42	13 34	13 12	1 35		n.a.
T 29	23 43	20 56	5 1	18 56	4 34	17 5	5 25	15 0	0 33	23 45	0 31	23 40	0 1	18 0	0 45	2 35	1 57	30 24	13 42	13 36	13 13	1 38		n.a.
W30	23n42	24s51	5s 6	18n53	4s39	16n58	5s30	15n13	0s32	23n44	0n31	23n40	0s 1	18s 0	0s45	2n35	1s57	30n24	13n42	13s38	13s14	1n42		n.a.

Julian Day Number = 1625148.5, Delta T = 03h45m11s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'34, Lahiri = - 7°35'34 Julian Calendar 1 June 264 BCE == Greg. Calendar 28 May 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

JULY 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 19 15	3♋48'26	11♐33	6°R25	11°R 1	13♉ 1	11♋56	3♋27	12°R23	10♈56	12♌19	23°R59	25♒17	28♓ 0	n.a.	T 1
F 2	18 23 11	4°45'48	25° 9	5♋39	10♊49	13°41	12° 9	3°34	12♒21	10°57	12°21	23♒51	25°14	28° 7	n.a.	F 2
S 3	18 27 8	5°43'11	8♑29	4°54	10°39	14°21	12°22	3°42	12°19	10°57	12°22	23°44	25°11	28°14	n.a.	S 3
S 4	18 31 5	6°40'34	21°31	4°10	10°31	15° 1	12°35	3°50	12°17	10°58	12°24	23°38	25° 8	28°20	n.a.	S 4
M 5	18 35 1	7°37'59	4♒15	3°28	10°25	15°40	12°48	3°58	12°16	10°58	12°26	23°34	25° 5	28°27	n.a.	M 5
T 6	18 38 58	8°35'25	16°42	2°49	10°22	16°20	13° 1	4° 5	12°14	10°59	12°28	23°32	25° 1	28°34	n.a.	T 6
W 7	18 42 54	9°32'52	28°53	2°13	10°D21	17° 0	13°15	4°13	12°12	10°59	12°30	23°D32	24°58	28°40	n.a.	W 7
T 8	18 46 51	10°30'21	10♓53	1°42	10°23	17°39	13°28	4°21	12°10	10°59	12°32	23°33	24°55	28°47	n.a.	T 8
F 9	18 50 47	11°27'51	22°46	1°15	10°27	18°18	13°41	4°29	12° 8	11° 0	12°33	23°35	24°52	28°54	n.a.	F 9
S 10	18 54 44	12°25'22	4♈36	0°54	10°33	18°58	13°54	4°36	12° 6	11° 0	12°35	23°36	24°49	29° 0	n.a.	S 10
S 11	18 58 41	13°22'56	16°28	0°39	10°41	19°37	14° 7	4°44	12° 4	11° 0	12°37	23°R36	24°46	29° 7	n.a.	S 11
M12	19 2 37	14°20'30	28°27	0°30	10°52	20°16	14°20	4°52	12° 2	11° 1	12°39	23°35	24°42	29°14	n.a.	M12
T 13	19 6 34	15°18'06	10♉39	0°D28	11° 4	20°55	14°34	4°59	12° 0	11° 1	12°41	23°32	24°39	29°20	n.a.	T 13
W14	19 10 30	16°15'44	23° 7	0°33	11°19	21°34	14°47	5° 7	11°58	11° 1	12°43	23°28	24°36	29°27	n.a.	W14
T 15	19 14 27	17°13'24	5♊54	0°45	11°36	22°13	15° 0	5°15	11°56	11° 1	12°45	23°23	24°33	29°34	n.a.	T 15
F 16	19 18 23	18°11'05	19° 3	1° 5	11°54	22°52	15°13	5°22	11°54	11° 1	12°47	23°17	24°30	29°40	n.a.	F 16
S 17	19 22 20	19° 8'48	2♋33	1°31	12°14	23°30	15°26	5°30	11°52	11° 1	12°49	23°12	24°27	29°47	n.a.	S 17
S 18	19 26 16	20° 6'33	16°22	2° 5	12°36	24° 9	15°39	5°38	11°49	11° 2	12°51	23° 7	24°23	29°54	n.a.	S 18
M19	19 30 13	21° 4'18	0♌27	2°46	13° 0	24°47	15°53	5°45	11°47	11°R 2	12°53	23° 4	24°20	0♈ 0	n.a.	M19
T 20	19 34 10	22° 2'06	14°44	3°35	13°26	25°26	16° 6	5°53	11°45	11° 2	12°55	23° 2	24°17	0° 7	n.a.	T 20
W21	19 38 6	22°59'54	29° 9	4°30	13°53	26° 4	16°19	6° 0	11°43	11° 1	12°57	23°D 2	24°14	0°14	n.a.	W21
T 22	19 42 3	23°57'44	13♍35	5°31	14°21	26°42	16°32	6° 8	11°40	11° 1	12°59	23° 3	24°11	0°20	n.a.	T 22
F 23	19 45 59	24°55'36	27°59	6°40	14°51	27°20	16°45	6°15	11°38	11° 1	13° 1	23° 5	24° 7	0°27	n.a.	F 23
S 24	19 49 56	25°53'28	12♎18	7°54	15°23	27°58	16°58	6°23	11°36	11° 1	13° 3	23° 6	24° 4	0°34	n.a.	S 24
S 25	19 53 52	26°51'22	26°29	9°14	15°55	28°36	17°11	6°30	11°34	11° 1	13° 5	23°R 6	24° 1	0°40	n.a.	S 25
M26	19 57 49	27°49'17	10♏29	10°39	16°30	29°14	17°24	6°38	11°31	11° 1	13° 7	23° 6	23°58	0°47	n.a.	M26
T 27	20 1 45	28°47'14	24°19	12°10	17° 5	29°52	17°37	6°45	11°29	11° 1	13° 9	23° 4	23°55	0°54	n.a.	T 27
W28	20 5 42	29°45'12	7♐56	13°45	17°42	0♊29	17°51	6°52	11°27	11° 0	13°11	23° 2	23°52	1° 0	n.a.	W28
T 29	20 9 39	0♌43'12	21°21	15°24	18°20	1° 7	18° 4	7° 0	11°24	11° 0	13°13	22°58	23°48	1° 7	n.a.	T 29
F 30	20 13 35	1°41'14	4♑31	17° 6	18°59	1°44	18°17	7° 7	11°22	11° 0	13°15	22°55	23°45	1°14	n.a.	F 30
S 31	20 17 32	2♌39'16	17♑28	18♋52	19♊39	2♊22	18♋30	7♋14	11♒20	10♈59	13♌18	22♒52	23♒42	1♈21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n40	27s16	4s52	18n52	4s42	16n51	5s34	15n26	0s32	23n43	0n31	23n40	0s 1	18s 1	0s45	2n35	1s57	30n23	13n41	13s41	13s15	1n45		n.a.
F 2	23 39	28 1	4 22	18 53	4 44	16 46	5 38	15 39	0 31	23 41	0 32	23 40	0 1	18 1	0 45	2 35	1 57	30 22	13 41	13 44	13 16	1 48		n.a.
S 3	23 36	27 5	3 39	18 55	4 43	16 41	5 41	15 51	0 30	23 40	0 32	23 40	0 1	18 2	0 45	2 36	1 57	30 22	13 41	13 46	13 17	1 52		n.a.
S 4	23 33	24 41	2 44	18 59	4 41	16 37	5 44	16 4	0 30	23 39	0 32	23 40	0 1	18 2	0 45	2 36	1 57	30 21	13 41	13 48	13 18	1 55		n.a.
M 5	23 30	21 5	1 42	19 4	4 37	16 34	5 46	16 16	0 29	23 38	0 32	23 40	0 0	18 3	0 45	2 36	1 57	30 20	13 41	13 50	13 19	1 58		n.a.
T 6	23 27	16 37	0 37	19 11	4 31	16 32	5 48	16 28	0 28	23 37	0 32	23 40	0 0	18 3	0 45	2 36	1 57	30 19	13 40	13 50	13 20	2 2		n.a.
W 7	23 23	11 33	0n29	19 19	4 24	16 31	5 49	16 41	0 27	23 36	0 32	23 39	0 0	18 4	0 45	2 36	1 57	30 19	13 40	13 50	13 21	2 5		n.a.
T 8	23 18	6 9	1 33	19 28	4 15	16 30	5 50	16 52	0 27	23 34	0 32	23 39	0 0	18 4	0 45	2 36	1 57	30 18	13 40	13 50	13 22	2 8		n.a.
F 9	23 14	0 35	2 32	19 39	4 5	16 30	5 51	17 4	0 26	23 33	0 32	23 39	0 0	18 5	0 45	2 36	1 58	30 17	13 40	13 49	13 23	2 12		n.a.
S 10	23 8	4n58	3 24	19 50	3 53	16 31	5 51	17 16	0 25	23 32	0 32	23 39	0 0	18 6	0 45	2 36	1 58	30 16	13 40	13 49	13 25	2 15		n.a.
S 11	23 3	10 21	4 8	20 3	3 40	16 32	5 50	17 27	0 25	23 30	0 32	23 39	0n 0	18 6	0 45	2 36	1 58	30 16	13 40	13 49	13 26	2 18		n.a.
M12	22 57	15 26	4 42	20 17	3 27	16 35	5 49	17 39	0 24	23 29	0 32	23 38	0 0	18 7	0 45	2 36	1 58	30 15	13 40	13 49	13 27	2 22		n.a.
T 13	22 50	19 59	5 3	20 32	3 12	16 37	5 48	17 50	0 23	23 28	0 33	23 38	0 0	18 7	0 45	2 36	1 58	30 14	13 39	13 50	13 28	2 25		n.a.
W14	22 44	23 47	5 11	20 47	2 57	16 41	5 47	18 1	0 22	23 26	0 33	23 38	0 0	18 8	0 45	2 36	1 58	30 14	13 39	13 52	13 29	2 29		n.a.
T 15	22 36	26 32	5 4	21 3	2 41	16 45	5 45	18 12	0 21	23 25	0 33	23 38	0 0	18 9	0 45	2 36	1 58	30 13	13 39	13 53	13 30	2 32		n.a.
F 16	22 29	27 56	4 40	21 19	2 25	16 49	5 43	18 23	0 21	23 24	0 33	23 38	0 1	18 9	0 45	2 36	1 58	30 12	13 39	13 55	13 31	2 35		n.a.
S 17	22 21	27 43	4 1	21 35	2 8	16 54	5 41	18 33	0 20	23 22	0 33	23 37	0 1	18 10	0 45	2 36	1 58	30 11	13 39	13 57	13 32	2 39		n.a.
S 18	22 12	25 48	3 7	21 51	1 52	16 59	5 38	18 44	0 19	23 21	0 33	23 37	0 1	18 10	0 45	2 36	1 58	30 11	13 39	13 59	13 33	2 42		n.a.
M19	22 3	22 15	2 0	22 7	1 35	17 5	5 36	18 54	0 18	23 19	0 33	23 37	0 1	18 11	0 45	2 36	1 58	30 10	13 39	14 0	13 34	2 45		n.a.
T 20	21 54	17 20	0 45	22 22	1 19	17 11	5 33	19 4	0 18	23 18	0 33	23 37	0 1	18 12	0 45	2 36	1 58	30 9	13 39	14 0	13 35	2 49		n.a.
W21	21 45	11 23	0s33	22 36	1 3	17 18	5 29	19 14	0 17	23 16	0 33	23 36	0 1	18 12	0 45	2 36	1 58	30 9	13 39	14 0	13 36	2 52		n.a.
T 22	21 35	4 50	1 50	22 50	0 47	17 24	5 26	19 24	0 16	23 15	0 33	23 36	0 1	18 13	0 45	2 36	1 58	30 8	13 39	14 0	13 37	2 55		n.a.
F 23	21 24	1s56	3 0	23 2	0 32	17 31	5 22	19 33	0 15	23 13	0 33	23 36	0 1	18 14	0 45	2 36	1 59	30 7	13 38	13 59	13 38	2 59		n.a.
S 24	21 13	8 34	3 58	23 12	0 17	17 38	5 18	19 43	0 14	23 12	0 34	23 36	0 1	18 14	0 45	2 36	1 59	30 7	13 38	13 59	13 39	3 2		n.a.
S 25	21 2	14 41	4 41	23 21	0 3	17 46	5 14	19 52	0 14	23 10	0 34	23 35	0 1	18 15	0 45	2 36	1 59	30 6	13 38	13 59	13 41	3 5		n.a.
M26	20 51	19 59	5 7	23 28	0n10	17 53	5 10	20 1	0 13	23 8	0 34	23 35	0 1	18 16	0 45	2 36	1 59	30 5	13 38	13 59	13 42	3 9		n.a.
T 27	20 39	24 9	5 14	23 33	0 23	18 1	5 6	20 10	0 12	23 7	0 34	23 35	0 2	18 16	0 45	2 35	1 59	30 5	13 38	14 0	13 43	3 12		n.a.
W28	20 27	26 53	5 4	23 35	0 35	18 9	5 2	20 19	0 11	23 5	0 34	23 35	0 2	18 17	0 45	2 35	1 59	30 4	13 38	14 0	13 44	3 15		n.a.
T 29	20 14	28 3	4 37	23 35	0 46	18 17	4 57	20 28	0 10	23 3	0 34	23 34	0 2	18 18	0 45	2 35	1 59	30 3	13 38	14 1	13 45	3 19		n.a.
F 30	20 1	27 34	3 55	23 33	0 56	18 24	4 53	20 36	0 9	23 2	0 34	23 34	0 2	18 18	0 45	2 35	1 59	30 3	13 38	14 3	13 46	3 22		n.a.
S 31	19n48	25s35	3s 3	23n27	1n 5	18n32	4s48	20n45	0s 9	23n 0	0n34	23n34	0n 2	18s19	0s45	2n35	1s59	30n 2	13n38	14s 3	13s47	3n25		n.a.

Julian Day Number = 1625178.5, Delta T = 03h45m10s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'30, Lahiri = - 7°35'30 Julian Calendar 1 July 264 BCE == Greg. Calendar 27 June 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

AUGUST 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 21 28	3♌37'21	0♒11	20♋41	20♊20	2♊59	18♋42	7♋22	11°R17	10°R59	13♌20	22°R50	23♒39	1♈27	n.a.	S 1
M 2	20 25 25	4°35'27	12°40	22°31	21° 3	3°36	18°55	7°29	11♒15	10♈58	13°22	22♒49	23°36	1°34	n.a.	M 2
T 3	20 29 21	5°33'36	24°56	24°24	21°46	4°13	19° 8	7°36	11°13	10°58	13°24	22°D49	23°33	1°41	n.a.	T 3
W 4	20 33 18	6°31'46	7♓ 1	26°18	22°30	4°50	19°21	7°43	11°10	10°57	13°26	22°49	23°29	1°47	n.a.	W 4
T 5	20 37 14	7°29'58	18°58	28°12	23°15	5°27	19°34	7°50	11° 8	10°57	13°28	22°50	23°26	1°54	n.a.	T 5
F 6	20 41 11	8°28'12	0♈49	0♌ 8	24° 2	6° 4	19°47	7°57	11° 5	10°56	13°30	22°52	23°23	2° 1	n.a.	F 6
S 7	20 45 8	9°26'28	12°38	2° 4	24°49	6°40	20° 0	8° 4	11° 3	10°56	13°32	22°53	23°20	2° 7	n.a.	S 7
S 8	20 49 4	10°24'46	24°30	4° 0	25°36	7°17	20°12	8°11	11° 1	10°55	13°34	22°54	23°17	2°14	n.a.	S 8
M 9	20 53 1	11°23'06	6♉29	5°56	26°25	7°53	20°25	8°18	10°58	10°54	13°37	22°R54	23°13	2°21	n.a.	M 9
T 10	20 56 57	12°21'29	18°39	7°51	27°14	8°29	20°38	8°25	10°56	10°54	13°39	22°54	23°10	2°27	n.a.	T 10
W11	21 0 54	13°19'54	1♊ 6	9°46	28° 5	9° 5	20°50	8°32	10°53	10°53	13°41	22°54	23° 7	2°34	n.a.	W11
T 12	21 4 50	14°18'21	13°52	11°41	28°55	9°42	21° 3	8°39	10°51	10°52	13°43	22°53	23° 4	2°41	n.a.	T 12
F 13	21 8 47	15°16'51	27° 2	13°35	29°47	10°17	21°16	8°46	10°48	10°52	13°45	22°52	23° 1	2°47	n.a.	F 13
S 14	21 12 43	16°15'23	10♋37	15°28	0♋39	10°53	21°28	8°52	10°46	10°51	13°47	22°51	22°58	2°54	n.a.	S 14
S 15	21 16 40	17°13'57	24°36	17°20	1°32	11°29	21°41	8°59	10°44	10°50	13°49	22°51	22°54	3° 1	n.a.	S 15
M16	21 20 37	18°12'33	8♌57	19°11	2°26	12° 5	21°53	9° 6	10°41	10°49	13°52	22°50	22°51	3° 7	n.a.	M16
T 17	21 24 33	19°11'11	23°36	21° 1	3°20	12°40	22° 6	9°12	10°39	10°48	13°54	22°D50	22°48	3°14	n.a.	T 17
W18	21 28 30	20° 9'51	8♍25	22°51	4°15	13°15	22°18	9°19	10°37	10°47	13°56	22°50	22°45	3°21	n.a.	W18
T 19	21 32 26	21° 8'33	23°17	24°39	5°10	13°51	22°30	9°25	10°34	10°46	13°58	22°50	22°42	3°27	n.a.	T 19
F 20	21 36 23	22° 7'17	8♎ 5	26°26	6° 6	14°26	22°43	9°32	10°32	10°45	14° 0	22°50	22°39	3°34	n.a.	F 20
S 21	21 40 19	23° 6'03	22°43	28°13	7° 2	15° 1	22°55	9°38	10°30	10°44	14° 2	22°R50	22°35	3°41	n.a.	S 21
S 22	21 44 16	24° 4'50	7♏ 5	29°58	7°59	15°35	23° 7	9°44	10°27	10°43	14° 4	22°50	22°32	3°47	n.a.	S 22
M23	21 48 12	25° 3'39	21° 8	1♍42	8°56	16°10	23°19	9°50	10°25	10°42	14° 6	22°D50	22°29	3°54	n.a.	M23
T 24	21 52 9	26° 2'31	4♐52	3°26	9°54	16°45	23°31	9°57	10°23	10°41	14° 8	22°50	22°26	4° 1	n.a.	T 24
W25	21 56 5	27° 1'24	18°17	5° 8	10°53	17°19	23°43	10° 3	10°20	10°40	14°11	22°51	22°23	4° 7	n.a.	W25
T 26	22 0 2	28° 0'19	1♑24	6°49	11°51	17°53	23°55	10° 9	10°18	10°39	14°13	22°51	22°19	4°14	n.a.	T 26
F 27	22 3 59	28°59'16	14°14	8°30	12°51	18°27	24° 7	10°15	10°16	10°38	14°15	22°52	22°16	4°21	n.a.	F 27
S 28	22 7 55	29°58'14	26°50	10° 9	13°50	19° 1	24°19	10°21	10°14	10°37	14°17	22°52	22°13	4°28	n.a.	S 28
S 29	22 11 52	0♍57'15	9♒14	11°48	14°50	19°35	24°31	10°27	10°11	10°35	14°19	22°53	22°10	4°34	n.a.	S 29
M30	22 15 48	1°56'18	21°27	13°26	15°51	20° 9	24°42	10°32	10° 9	10°34	14°21	22°R53	22° 7	4°41	n.a.	M30
T 31	22 19 45	2♍55'22	3♓32	15♍ 3	16♋52	20♊42	24♋54	10♋38	10♒ 7	10♈33	14♌23	22♒53	22♒ 4	4♈48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19n35	22s20	2s 2	23n19	1n13	18n40	4s43	20n53	0s 8	22n58	0n34	23n33	0n 2	18s20	0s45	2n34	1s59	30n 1	13n38	14s 4	13s48	3n29			n.a.
M 2	19 21	18 6	0 56	23 9	1 21	18 48	4 38	21 1	0 7	22 57	0 35	23 33	0 2	18 20	0 45	2 34	1 59	30 1	13 38	14 5	13 49	3 32			n.a.
T 3	19 7	13 11	0n12	22 56	1 27	18 56	4 33	21 9	0 6	22 55	0 35	23 33	0 2	18 21	0 45	2 34	1 59	30 0	13 38	14 5	13 50	3 35			n.a.
W 4	18 52	7 50	1 18	22 40	1 33	19 4	4 28	21 17	0 5	22 53	0 35	23 32	0 2	18 22	0 45	2 34	1 59	29 59	13 38	14 4	13 51	3 39			n.a.
T 5	18 37	2 17	2 20	22 21	1 37	19 11	4 22	21 24	0 4	22 51	0 35	23 32	0 2	18 22	0 45	2 33	1 59	29 59	13 38	14 4	13 52	3 42			n.a.
F 6	18 22	3n18	3 15	22 1	1 41	19 19	4 17	21 32	0 3	22 50	0 35	23 32	0 2	18 23	0 45	2 33	1 59	29 58	13 38	14 4	13 53	3 45			n.a.
S 7	18 6	8 45	4 2	21 38	1 44	19 26	4 12	21 39	0 2	22 48	0 35	23 31	0 3	18 24	0 45	2 33	1 59	29 57	13 38	14 3	13 54	3 49			n.a.
S 8	17 51	13 55	4 39	21 12	1 46	19 33	4 6	21 46	0 1	22 46	0 35	23 31	0 3	18 24	0 45	2 33	2 0	29 57	13 38	14 3	13 55	3 52			n.a.
M 9	17 34	18 37	5 4	20 45	1 47	19 40	4 1	21 53	0 1	22 44	0 35	23 31	0 3	18 25	0 45	2 32	2 0	29 56	13 38	14 3	13 56	3 55			n.a.
T 10	17 18	22 38	5 16	20 16	1 48	19 47	3 55	22 0	0n 0	22 43	0 35	23 30	0 3	18 26	0 45	2 32	2 0	29 55	13 38	14 3	13 57	3 58			n.a.
W11	17 1	25 44	5 14	19 45	1 48	19 53	3 50	22 6	0 1	22 41	0 36	23 30	0 3	18 26	0 45	2 32	2 0	29 55	13 38	14 3	13 59	4 2			n.a.
T 12	16 44	27 38	4 56	19 13	1 48	19 59	3 44	22 13	0 2	22 39	0 36	23 30	0 3	18 27	0 45	2 31	2 0	29 54	13 38	14 3	14 0	4 5			n.a.
F 13	16 27	28 4	4 23	18 39	1 46	20 5	3 39	22 19	0 3	22 37	0 36	23 29	0 3	18 28	0 45	2 31	2 0	29 54	13 39	14 4	14 1	4 8			n.a.
S 14	16 9	26 51	3 33	18 4	1 45	20 11	3 33	22 25	0 4	22 35	0 36	23 29	0 3	18 28	0 45	2 30	2 0	29 53	13 39	14 4	14 2	4 12			n.a.
S 15	15 51	23 56	2 30	17 27	1 42	20 16	3 27	22 31	0 5	22 33	0 36	23 29	0 3	18 29	0 45	2 30	2 0	29 52	13 39	14 4	14 3	4 15			n.a.
M16	15 33	19 28	1 16	16 50	1 40	20 21	3 22	22 37	0 6	22 31	0 36	23 28	0 3	18 30	0 45	2 30	2 0	29 52	13 39	14 4	14 4	4 18			n.a.
T 17	15 15	13 45	0s 4	16 11	1 37	20 25	3 16	22 42	0 7	22 29	0 36	23 28	0 3	18 30	0 45	2 29	2 0	29 51	13 39	14 4	14 5	4 22			n.a.
W18	14 56	7 12	1 25	15 32	1 33	20 30	3 10	22 48	0 8	22 28	0 37	23 27	0 4	18 31	0 45	2 29	2 0	29 51	13 39	14 4	14 6	4 25			n.a.
T 19	14 37	0 14	2 41	14 52	1 29	20 33	3 4	22 53	0 9	22 26	0 37	23 27	0 4	18 32	0 45	2 28	2 0	29 50	13 39	14 4	14 7	4 28			n.a.
F 20	14 18	6s42	3 46	14 11	1 25	20 37	2 58	22 58	0 10	22 24	0 37	23 27	0 4	18 32	0 45	2 28	2 0	29 50	13 39	14 4	14 8	4 32			n.a.
S 21	13 59	13 11	4 35	13 29	1 20	20 40	2 53	23 3	0 11	22 22	0 37	23 26	0 4	18 33	0 45	2 28	2 0	29 49	13 39	14 4	14 9	4 35			n.a.
S 22	13 39	18 50	5 6	12 47	1 15	20 43	2 47	23 8	0 12	22 20	0 37	23 26	0 4	18 33	0 45	2 27	2 0	29 49	13 39	14 4	14 10	4 38			n.a.
M23	13 19	23 21	5 17	12 5	1 10	20 45	2 41	23 13	0 13	22 18	0 37	23 26	0 4	18 34	0 45	2 27	2 0	29 48	13 40	14 4	14 11	4 41			n.a.
T 24	12 59	26 27	5 10	11 22	1 5	20 46	2 35	23 18	0 14	22 16	0 37	23 25	0 4	18 35	0 45	2 26	2 0	29 48	13 40	14 4	14 12	4 45			n.a.
W25	12 39	27 58	4 47	10 39	0 59	20 48	2 30	23 22	0 15	22 14	0 37	23 25	0 4	18 35	0 45	2 26	2 0	29 47	13 40	14 4	14 13	4 48			n.a.
T 26	12 19	27 52	4 9	9 56	0 53	20 48	2 24	23 26	0 16	22 12	0 38	23 24	0 4	18 36	0 45	2 25	2 1	29 46	13 40	14 4	14 14	4 51			n.a.
F 27	11 58	26 15	3 18	9 12	0 47	20 49	2 18	23 30	0 17	22 10	0 38	23 24	0 4	18 37	0 45	2 25	2 1	29 46	13 40	14 4	14 15	4 55			n.a.
S 28	11 37	23 19	2 20	8 29	0 41	20 48	2 12	23 34	0 18	22 8	0 38	23 24	0 5	18 37	0 45	2 24	2 1	29 46	13 40	14 3	14 16	4 58			n.a.
S 29	11 16	19 22	1 15	7 45	0 34	20 48	2 7	23 38	0 19	22 6	0 38	23 23	0 5	18 38	0 45	2 24	2 1	29 45	13 41	14 3	14 17	5 1			n.a.
M30	10 55	14 39	0 8	7 1	0 28	20 47	2 1	23 42	0 20	22 4	0 38	23 23	0 5	18 38	0 45	2 23	2 1	29 45	13 41	14 3	14 18	5 4			n.a.
T 31	10n33	9s25	0n59	6n17	0n21	20n45	1s55	23n45	0n22	22n 2	0n38	23n23	0n 5	18s39	0s45	2n23	2s 1	29n44	13n41	14s 3	14s20	5n 8			n.a.

Julian Day Number = 1625209.5, Delta T = 03h45m09s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'26, Lahiri = - 7°35'26 Julian Calendar 1 Aug. 264 BCE == Greg. Calendar 28 July 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

SEPTEMBER 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 23 41	3♍54'29	15♓30	16♍39	17♋53	21♊16	25♋ 6	10♋44	10°R 5	10°R32	14♌25	22°R52	22♒ 0	4♈54	n.a.	W 1
T 2	22 27 38	4°53'38	27°23	18°14	18°55	21°49	25°17	10°49	10♒ 3	10♈30	14°27	22♒51	21°57	5° 1	n.a.	T 2
F 3	22 31 34	5°52'49	9♈12	19°48	19°57	22°22	25°29	10°55	10° 1	10°29	14°29	22°49	21°54	5° 8	n.a.	F 3
S 4	22 35 31	6°52'03	21° 2	21°22	20°59	22°55	25°40	11° 0	9°59	10°28	14°31	22°47	21°51	5°14	n.a.	S 4
S 5	22 39 28	7°51'19	2♉54	22°54	22° 2	23°28	25°51	11° 6	9°57	10°26	14°33	22°45	21°48	5°21	n.a.	S 5
M 6	22 43 24	8°50'37	14°53	24°26	23° 5	24° 1	26° 3	11°11	9°55	10°25	14°35	22°43	21°44	5°28	n.a.	M 6
T 7	22 47 21	9°49'58	27° 2	25°57	24° 8	24°33	26°14	11°16	9°53	10°24	14°37	22°41	21°41	5°34	n.a.	T 7
W 8	22 51 17	10°49'21	9♊24	27°28	25°12	25° 6	26°25	11°22	9°51	10°22	14°39	22°D41	21°38	5°41	n.a.	W 8
T 9	22 55 14	11°48'47	22° 6	28°57	26°16	25°38	26°36	11°27	9°49	10°21	14°41	22°41	21°35	5°48	n.a.	T 9
F 10	22 59 10	12°48'15	5♋ 9	0♎26	27°20	26°10	26°47	11°32	9°47	10°19	14°43	22°42	21°32	5°54	n.a.	F 10
S 11	23 3 7	13°47'45	18°39	1°54	28°25	26°41	26°58	11°37	9°45	10°18	14°45	22°44	21°29	6° 1	n.a.	S 11
S 12	23 7 3	14°47'18	2♌35	3°21	29°30	27°13	27° 9	11°42	9°43	10°16	14°47	22°45	21°25	6° 8	n.a.	S 12
M13	23 11 0	15°46'53	16°58	4°48	0♌35	27°45	27°19	11°46	9°41	10°15	14°49	22°R46	21°22	6°14	n.a.	M13
T 14	23 14 57	16°46'31	1♍44	6°13	1°41	28°16	27°30	11°51	9°39	10°13	14°51	22°46	21°19	6°21	n.a.	T 14
W15	23 18 53	17°46'10	16°47	7°38	2°46	28°47	27°40	11°56	9°38	10°12	14°52	22°44	21°16	6°28	n.a.	W15
T 16	23 22 50	18°45'52	1♎59	9° 2	3°52	29°18	27°51	12° 0	9°36	10°10	14°54	22°42	21°13	6°34	n.a.	T 16
F 17	23 26 46	19°45'36	17° 9	10°24	4°59	29°48	28° 1	12° 5	9°34	10° 9	14°56	22°38	21°10	6°41	n.a.	F 17
S 18	23 30 43	20°45'21	2♏ 8	11°46	6° 5	0♋19	28°11	12° 9	9°33	10° 7	14°58	22°34	21° 6	6°48	n.a.	S 18
S 19	23 34 39	21°45'09	16°48	13° 7	7°12	0°49	28°22	12°13	9°31	10° 6	15° 0	22°30	21° 3	6°55	n.a.	S 19
M20	23 38 36	22°44'58	1♐ 3	14°27	8°19	1°19	28°32	12°17	9°30	10° 4	15° 1	22°27	21° 0	7° 1	n.a.	M20
T 21	23 42 32	23°44'50	14°52	15°45	9°26	1°49	28°42	12°21	9°28	10° 2	15° 3	22°26	20°57	7° 8	n.a.	T 21
W22	23 46 29	24°44'43	28°15	17° 3	10°33	2°19	28°51	12°25	9°27	10° 1	15° 5	22°D26	20°54	7°15	n.a.	W22
T 23	23 50 25	25°44'38	11♑15	18°19	11°41	2°48	29° 1	12°29	9°25	9°59	15° 7	22°26	20°50	7°21	n.a.	T 23
F 24	23 54 22	26°44'34	23°54	19°33	12°49	3°17	29°11	12°33	9°24	9°58	15° 8	22°28	20°47	7°28	n.a.	F 24
S 25	23 58 19	27°44'32	6♒17	20°46	13°57	3°46	29°20	12°37	9°22	9°56	15°10	22°30	20°44	7°35	n.a.	S 25
S 26	0 2 15	28°44'32	18°27	21°58	15° 5	4°15	29°30	12°41	9°21	9°54	15°12	22°R31	20°41	7°41	n.a.	S 26
M27	0 6 12	29°44'34	0♓29	23° 7	16°13	4°44	29°39	12°44	9°20	9°53	15°13	22°30	20°38	7°48	n.a.	M27
T 28	0 10 8	0♎44'38	12°24	24°14	17°22	5°12	29°48	12°47	9°18	9°51	15°15	22°28	20°35	7°55	n.a.	T 28
W29	0 14 5	1°44'43	24°16	25°19	18°30	5°40	29°58	12°51	9°17	9°49	15°17	22°24	20°31	8° 1	n.a.	W29
T 30	0 18 1	2♎44'51	6♈ 6	26♎22	19♌39	6♋ 8	0♌ 7	12♋54	9♒16	9♈48	15♌18	22♒19	20♒28	8♈ 8	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n12	3s55	2n 2	5n33	0n14	20n43	1s50	23n49	0n23	22n 0	0n39	23n22	0n 5	18s40	0s45	2n22	2s 1	29n44	13n41	14s 4	14s21	5n11		n.a.
T 2	9 50	1n41	3 0	4 49	0 7	20 40	1 44	23 52	0 24	21 58	0 39	23 22	0 5	18 40	0 45	2 22	2 1	29 43	13 41	14 4	14 22	5 14		n.a.
F 3	9 28	7 12	3 49	4 5	0 0	20 36	1 38	23 55	0 25	21 56	0 39	23 22	0 5	18 41	0 45	2 21	2 1	29 43	13 42	14 5	14 23	5 18		n.a.
S 4	9 6	12 27	4 29	3 22	0s 7	20 33	1 33	23 58	0 26	21 54	0 39	23 21	0 5	18 41	0 45	2 20	2 1	29 42	13 42	14 5	14 24	5 21		n.a.
S 5	8 43	17 16	4 57	2 38	0 14	20 28	1 27	24 1	0 27	21 52	0 39	23 21	0 5	18 42	0 45	2 20	2 1	29 42	13 42	14 6	14 25	5 24		n.a.
M 6	8 21	21 28	5 13	1 55	0 21	20 23	1 22	24 4	0 28	21 50	0 39	23 21	0 5	18 42	0 45	2 19	2 1	29 41	13 42	14 7	14 26	5 27		n.a.
T 7	7 58	24 50	5 15	1 12	0 28	20 18	1 16	24 6	0 29	21 48	0 39	23 20	0 6	18 43	0 45	2 19	2 1	29 41	13 42	14 7	14 27	5 31		n.a.
W 8	7 36	27 7	5 2	0 29	0 35	20 12	1 11	24 9	0 31	21 46	0 40	23 20	0 6	18 43	0 45	2 18	2 1	29 41	13 43	14 7	14 28	5 34		n.a.
T 9	7 13	28 4	4 35	0s13	0 42	20 5	1 5	24 11	0 32	21 44	0 40	23 19	0 6	18 44	0 45	2 18	2 1	29 40	13 43	14 7	14 29	5 37		n.a.
F 10	6 50	27 31	3 53	0 56	0 49	19 58	1 0	24 13	0 33	21 42	0 40	23 19	0 6	18 44	0 45	2 17	2 1	29 40	13 43	14 7	14 30	5 40		n.a.
S 11	6 27	25 20	2 57	1 38	0 56	19 50	0 55	24 15	0 34	21 40	0 40	23 19	0 6	18 45	0 45	2 16	2 1	29 40	13 43	14 6	14 31	5 44		n.a.
S 12	6 4	21 35	1 49	2 19	1 4	19 42	0 50	24 17	0 35	21 39	0 40	23 18	0 6	18 45	0 45	2 16	2 1	29 39	13 44	14 6	14 32	5 47		n.a.
M13	5 40	16 27	0 32	3 0	1 11	19 33	0 45	24 19	0 37	21 37	0 40	23 18	0 6	18 46	0 45	2 15	2 1	29 39	13 44	14 6	14 33	5 50		n.a.
T 14	5 17	10 13	0s49	3 41	1 18	19 23	0 39	24 21	0 38	21 35	0 41	23 18	0 6	18 46	0 45	2 14	2 1	29 39	13 44	14 6	14 34	5 53		n.a.
W15	4 53	3 19	2 8	4 21	1 24	19 13	0 34	24 22	0 39	21 33	0 41	23 18	0 6	18 47	0 45	2 14	2 1	29 38	13 45	14 6	14 35	5 57		n.a.
T 16	4 30	3s50	3 19	5 1	1 31	19 3	0 29	24 24	0 40	21 31	0 41	23 17	0 6	18 47	0 45	2 13	2 1	29 38	13 45	14 7	14 36	6 0		n.a.
F 17	4 6	10 44	4 15	5 40	1 38	18 51	0 25	24 25	0 41	21 29	0 41	23 17	0 7	18 48	0 45	2 13	2 1	29 38	13 45	14 8	14 37	6 3		n.a.
S 18	3 42	16 56	4 54	6 18	1 44	18 40	0 20	24 27	0 43	21 27	0 41	23 17	0 7	18 48	0 45	2 12	2 1	29 37	13 46	14 9	14 38	6 6		n.a.
S 19	3 19	22 1	5 12	6 56	1 51	18 27	0 15	24 28	0 44	21 25	0 42	23 16	0 7	18 48	0 45	2 11	2 1	29 37	13 46	14 11	14 39	6 10		n.a.
M20	2 55	25 40	5 10	7 34	1 57	18 15	0 10	24 29	0 45	21 23	0 42	23 16	0 7	18 49	0 45	2 11	2 1	29 37	13 46	14 12	14 40	6 13		n.a.
T 21	2 31	27 39	4 50	8 10	2 3	18 1	0 6	24 30	0 47	21 21	0 42	23 16	0 7	18 49	0 45	2 10	2 1	29 37	13 46	14 12	14 41	6 16		n.a.
W22	2 7	27 57	4 14	8 46	2 9	17 47	0 1	24 31	0 48	21 19	0 42	23 16	0 7	18 50	0 45	2 9	2 1	29 36	13 47	14 12	14 42	6 19		n.a.
T 23	1 43	26 41	3 27	9 20	2 15	17 33	0n 4	24 31	0 49	21 18	0 42	23 15	0 7	18 50	0 45	2 9	2 2	29 36	13 47	14 12	14 43	6 23		n.a.
F 24	1 19	24 3	2 30	9 54	2 20	17 18	0 8	24 32	0 51	21 16	0 42	23 15	0 7	18 50	0 45	2 8	2 2	29 36	13 47	14 11	14 44	6 26		n.a.
S 25	0 54	20 20	1 27	10 27	2 25	17 2	0 12	24 33	0 52	21 14	0 43	23 15	0 7	18 51	0 45	2 7	2 2	29 36	13 48	14 11	14 45	6 29		n.a.
S 26	0 30	15 50	0 22	10 58	2 30	16 46	0 17	24 33	0 53	21 12	0 43	23 15	0 8	18 51	0 45	2 7	2 2	29 35	13 48	14 11	14 46	6 32		n.a.
M27	0 6	10 46	0n43	11 29	2 35	16 30	0 21	24 33	0 55	21 10	0 43	23 14	0 8	18 51	0 45	2 6	2 2	29 35	13 49	14 11	14 47	6 36		n.a.
T 28	0s18	5 21	1 46	11 58	2 39	16 13	0 25	24 34	0 56	21 8	0 43	23 14	0 8	18 52	0 45	2 5	2 2	29 35	13 49	14 11	14 48	6 39		n.a.
W29	0 42	0n12	2 44	12 26	2 43	15 55	0 29	24 34	0 58	21 7	0 43	23 14	0 8	18 52	0 45	2 5	2 2	29 35	13 49	14 13	14 49	6 42		n.a.
T 30	1s 6	5n43	3n34	12s52	2s46	15n37	0n33	24n34	0n59	21n 5	0n44	23n14	0n 8	18s52	0s45	2n 4	2s 2	29n35	13n50	14s15	14s50	6n45		n.a.

Julian Day Number = 1625240.5, Delta T = 03h45m08s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'22, Lahiri = - 7°35'21 Julian Calendar 1 Sept. 264 BCE == Greg. Calendar 28 Aug. 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

OCTOBER 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 21 58	3♎45'00	17♈57	27♎21	20♌49	6♋35	0♌15	12♋57	9°R15	9°R46	15♌20	22°R11	20♒25	8♈15	n.a.	F 1
S 2	0 25 54	4°45'11	29°49	28°18	21°58	7° 3	0°24	13° 0	9♒14	9♈44	15°21	22♒ 3	20°22	8°21	n.a.	S 2
S 3	0 29 51	5°45'25	11♉46	29°10	23° 7	7°30	0°33	13° 3	9°13	9°43	15°23	21°54	20°19	8°28	n.a.	S 3
M 4	0 33 48	6°45'40	23°48	29°59	24°17	7°57	0°41	13° 6	9°12	9°41	15°24	21°46	20°16	8°35	n.a.	M 4
T 5	0 37 44	7°45'58	5♊59	0♏44	25°27	8°23	0°50	13° 9	9°11	9°39	15°26	21°40	20°12	8°42	n.a.	T 5
W 6	0 41 41	8°46'18	18°21	1°24	26°37	8°49	0°58	13°11	9°10	9°38	15°27	21°36	20° 9	8°48	n.a.	W 6
T 7	0 45 37	9°46'40	0♋59	1°58	27°47	9°15	1° 6	13°14	9° 9	9°36	15°29	21°34	20° 6	8°55	n.a.	T 7
F 8	0 49 34	10°47'03	13°55	2°26	28°57	9°41	1°14	13°16	9° 9	9°34	15°30	21°D33	20° 3	9° 2	n.a.	F 8
S 9	0 53 30	11°47'29	27°14	2°47	0♍ 8	10° 6	1°22	13°19	9° 8	9°32	15°31	21°34	20° 0	9° 8	n.a.	S 9
S 10	0 57 27	12°47'57	10♌59	3° 1	1°18	10°31	1°30	13°21	9° 7	9°31	15°33	21°35	19°56	9°15	n.a.	S 10
M11	1 1 23	13°48'27	25°11	3°R 7	2°29	10°56	1°38	13°23	9° 6	9°29	15°34	21°R35	19°53	9°22	n.a.	M11
T 12	1 5 20	14°48'59	9♍48	3° 4	3°40	11°21	1°45	13°25	9° 6	9°27	15°35	21°34	19°50	9°28	n.a.	T 12
W13	1 9 17	15°49'33	24°48	2°51	4°51	11°45	1°52	13°27	9° 5	9°26	15°37	21°30	19°47	9°35	n.a.	W13
T 14	1 13 13	16°50'08	10♎ 2	2°29	6° 2	12° 9	2° 0	13°29	9° 5	9°24	15°38	21°24	19°44	9°42	n.a.	T 14
F 15	1 17 10	17°50'45	25°21	1°57	7°13	12°32	2° 7	13°30	9° 4	9°22	15°39	21°16	19°41	9°48	n.a.	F 15
S 16	1 21 6	18°51'24	10♏33	1°14	8°25	12°55	2°14	13°32	9° 4	9°21	15°40	21° 7	19°37	9°55	n.a.	S 16
S 17	1 25 3	19°52'05	25°27	0°21	9°36	13°18	2°21	13°33	9° 4	9°19	15°41	20°58	19°34	10° 2	n.a.	S 17
M18	1 28 59	20°52'46	9♐56	29♎19	10°48	13°40	2°27	13°35	9° 3	9°17	15°43	20°50	19°31	10° 9	n.a.	M18
T 19	1 32 56	21°53'29	23°56	28° 9	12° 0	14° 2	2°34	13°36	9° 3	9°16	15°44	20°44	19°28	10°15	n.a.	T 19
W20	1 36 52	22°54'14	7♑26	26°53	13°11	14°24	2°40	13°37	9° 3	9°14	15°45	20°41	19°25	10°22	n.a.	W20
T 21	1 40 49	23°54'59	20°28	25°33	14°23	14°45	2°46	13°38	9° 3	9°12	15°46	20°D39	19°22	10°29	n.a.	T 21
F 22	1 44 46	24°55'46	3♒ 6	24°11	15°35	15° 6	2°52	13°39	9° 3	9°11	15°47	20°40	19°18	10°35	n.a.	F 22
S 23	1 48 42	25°56'34	15°25	22°51	16°47	15°27	2°58	13°40	9°D 3	9° 9	15°48	20°R40	19°15	10°42	n.a.	S 23
S 24	1 52 39	26°57'22	27°29	21°34	18° 0	15°47	3° 4	13°41	9° 3	9° 8	15°49	20°40	19°12	10°49	n.a.	S 24
M25	1 56 35	27°58'12	9♓24	20°24	19°12	16° 7	3° 9	13°41	9° 3	9° 6	15°50	20°38	19° 9	10°55	n.a.	M25
T 26	2 0 32	28°59'03	21°15	19°22	20°24	16°26	3°15	13°42	9° 3	9° 4	15°51	20°34	19° 6	11° 2	n.a.	T 26
W27	2 4 28	29°59'55	3♈ 4	18°31	21°37	16°45	3°20	13°42	9° 3	9° 3	15°51	20°27	19° 2	11° 9	n.a.	W27
T 28	2 8 25	1♏ 0'48	14°54	17°50	22°49	17° 3	3°25	13°42	9° 3	9° 1	15°52	20°17	18°59	11°15	n.a.	T 28
F 29	2 12 21	2° 1'43	26°48	17°21	24° 2	17°21	3°30	13°R42	9° 4	9° 0	15°53	20° 4	18°56	11°22	n.a.	F 29
S 30	2 16 18	3° 2'38	8♉47	17° 4	25°15	17°39	3°35	13°42	9° 4	8°58	15°54	19°50	18°53	11°29	n.a.	S 30
S 31	2 20 14	4♏ 3'35	20♉52	16°D57	26♍28	17♋56	3♌39	13♋42	9♒ 4	8♈57	15♌55	19♒36	18♒50	11♈36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s30	11n 3	4n15	13s17	2s49	15n19	0n37	24n34	1n 1	21n 3	0n44	23n13	0n 8	18s52	0s45	2n 3	2s 2	29n35	13n50	14s17	14s51	6n49		n.a.
S 2	1 55	15 59	4 45	13 39	2 51	15 0	0 41	24 34	1 2	21 2	0 44	23 13	0 8	18 53	0 45	2 3	2 2	29 34	13 50	14 20	14 52	6 52		n.a.
S 3	2 19	20 21	5 3	14 0	2 53	14 40	0 44	24 34	1 4	21 0	0 44	23 13	0 8	18 53	0 45	2 2	2 2	29 34	13 51	14 23	14 53	6 55		n.a.
M 4	2 43	23 55	5 8	14 19	2 54	14 20	0 48	24 34	1 5	20 58	0 44	23 13	0 8	18 53	0 45	2 1	2 2	29 34	13 51	14 25	14 54	6 58		n.a.
T 5	3 7	26 28	4 59	14 35	2 54	14 0	0 52	24 34	1 7	20 56	0 45	23 13	0 9	18 53	0 45	2 1	2 2	29 34	13 52	14 27	14 56	7 1		n.a.
W 6	3 31	27 47	4 35	14 48	2 53	13 39	0 55	24 34	1 8	20 55	0 45	23 13	0 9	18 54	0 44	2 0	2 2	29 34	13 52	14 29	14 57	7 5		n.a.
T 7	3 55	27 42	3 58	14 59	2 52	13 18	0 58	24 34	1 10	20 53	0 45	23 12	0 9	18 54	0 44	1 59	2 2	29 34	13 52	14 29	14 58	7 8		n.a.
F 8	4 19	26 7	3 9	15 6	2 49	12 56	1 2	24 33	1 11	20 52	0 45	23 12	0 9	18 54	0 44	1 59	2 2	29 34	13 53	14 29	14 59	7 11		n.a.
S 9	4 43	23 3	2 7	15 10	2 45	12 34	1 5	24 33	1 13	20 50	0 46	23 12	0 9	18 54	0 44	1 58	2 2	29 34	13 53	14 29	15 0	7 14		n.a.
S 10	5 7	18 36	0 57	15 10	2 40	12 12	1 8	24 32	1 14	20 49	0 46	23 12	0 9	18 54	0 44	1 57	2 2	29 34	13 54	14 29	15 1	7 17		n.a.
M11	5 31	12 59	0s19	15 6	2 34	11 49	1 11	24 32	1 16	20 47	0 46	23 12	0 9	18 54	0 44	1 56	2 2	29 34	13 54	14 29	15 2	7 21		n.a.
T 12	5 54	6 30	1 36	14 58	2 26	11 26	1 14	24 32	1 18	20 46	0 46	23 12	0 9	18 55	0 44	1 56	2 2	29 34	13 54	14 29	15 3	7 24		n.a.
W13	6 18	0s29	2 48	14 45	2 16	11 2	1 17	24 31	1 19	20 44	0 46	23 12	0 9	18 55	0 44	1 55	2 2	29 34	13 55	14 30	15 4	7 27		n.a.
T 14	6 42	7 32	3 50	14 26	2 5	10 38	1 19	24 31	1 21	20 43	0 47	23 12	0 10	18 55	0 44	1 55	2 2	29 34	13 55	14 32	15 5	7 30		n.a.
F 15	7 5	14 10	4 34	14 3	1 52	10 14	1 22	24 30	1 23	20 41	0 47	23 12	0 10	18 55	0 44	1 54	2 2	29 34	13 56	14 35	15 6	7 33		n.a.
S 16	7 28	19 54	5 0	13 34	1 38	9 49	1 24	24 29	1 24	20 40	0 47	23 12	0 10	18 55	0 44	1 53	2 2	29 34	13 56	14 38	15 7	7 37		n.a.
S 17	7 52	24 16	5 4	13 0	1 22	9 24	1 27	24 29	1 26	20 39	0 47	23 12	0 10	18 55	0 44	1 53	2 2	29 34	13 57	14 41	15 8	7 40		n.a.
M18	8 15	26 57	4 48	12 21	1 4	8 59	1 29	24 28	1 28	20 37	0 48	23 12	0 10	18 55	0 44	1 52	2 2	29 34	13 57	14 43	15 9	7 43		n.a.
T 19	8 38	27 50	4 15	11 38	0 45	8 33	1 31	24 28	1 30	20 36	0 48	23 12	0 10	18 55	0 44	1 51	2 2	29 34	13 58	14 45	15 10	7 46		n.a.
W20	9 1	27 0	3 29	10 52	0 25	8 7	1 33	24 27	1 31	20 35	0 48	23 12	0 10	18 55	0 44	1 51	2 2	29 34	13 58	14 46	15 11	7 49		n.a.
T 21	9 23	24 41	2 34	10 3	0 4	7 41	1 36	24 27	1 33	20 34	0 48	23 12	0 10	18 55	0 44	1 50	2 2	29 34	13 58	14 47	15 12	7 52		n.a.
F 22	9 46	21 12	1 32	9 14	0n17	7 15	1 37	24 26	1 35	20 32	0 48	23 12	0 11	18 55	0 44	1 49	2 2	29 34	13 59	14 47	15 13	7 56		n.a.
S 23	10 8	16 51	0 28	8 25	0 37	6 48	1 39	24 26	1 37	20 31	0 49	23 12	0 11	18 55	0 44	1 49	2 1	29 35	13 59	14 47	15 14	7 59		n.a.
S 24	10 31	11 56	0n36	7 38	0 56	6 21	1 41	24 25	1 39	20 30	0 49	23 12	0 11	18 55	0 44	1 48	2 1	29 35	14 0	14 47	15 15	8 2		n.a.
M25	10 53	6 38	1 38	6 55	1 14	5 54	1 43	24 24	1 41	20 29	0 49	23 12	0 11	18 55	0 44	1 48	2 1	29 35	14 0	14 47	15 16	8 5		n.a.
T 26	11 15	1 9	2 35	6 16	1 31	5 26	1 44	24 24	1 43	20 28	0 49	23 12	0 11	18 55	0 44	1 47	2 1	29 35	14 1	14 49	15 17	8 8		n.a.
W27	11 36	4n21	3 25	5 43	1 46	4 59	1 46	24 24	1 44	20 27	0 50	23 12	0 11	18 55	0 44	1 46	2 1	29 35	14 1	14 51	15 18	8 11		n.a.
T 28	11 58	9 43	4 6	5 16	1 58	4 31	1 47	24 23	1 46	20 26	0 50	23 12	0 11	18 55	0 44	1 46	2 1	29 35	14 2	14 54	15 19	8 15		n.a.
F 29	12 19	14 44	4 36	4 55	2 9	4 3	1 48	24 23	1 48	20 25	0 50	23 12	0 11	18 55	0 44	1 45	2 1	29 36	14 2	14 58	15 20	8 18		n.a.
S 30	12 41	19 14	4 55	4 40	2 17	3 35	1 49	24 22	1 50	20 24	0 50	23 12	0 12	18 54	0 44	1 45	2 1	29 36	14 3	15 3	15 21	8 21		n.a.
S 31	13s 1	23n 0	5n 0	4s32	2n24	3n 7	1n50	24n22	1n52	20n23	0n51	23n12	0n12	18s54	0s44	1n44	2s 1	29n36	14n 3	15s 7	15s22	8n24		n.a.

Julian Day Number = 1625270.5, Delta T = 03h45m07s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'18, Lahiri = - 7°35'17 Julian Calendar 1 Oct. 264 BCE == Greg. Calendar 27 Sept. 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

NOVEMBER 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 24 11	5♏ 4'33	3♊ 4	17♎ 2	27♍41	18♋12	3♌44	13°R42	9♒ 5	8°R55	15♌55	19°R23	18♒47	11♈42	n.a.	M 1
T 2	2 28 8	6° 5'33	15°24	17°17	28°54	18°28	3°48	13♋42	9° 5	8♈54	15°56	19♒12	18°43	11°49	n.a.	T 2
W 3	2 32 4	7° 6'33	27°54	17°40	0♎ 7	18°44	3°52	13°41	9° 6	8°52	15°57	19° 3	18°40	11°56	n.a.	W 3
T 4	2 36 1	8° 7'35	10♋36	18°12	1°20	18°59	3°56	13°41	9° 6	8°51	15°57	18°58	18°37	12° 2	n.a.	T 4
F 5	2 39 57	9° 8'38	23°32	18°52	2°33	19°14	4° 0	13°40	9° 7	8°49	15°58	18°55	18°34	12° 9	n.a.	F 5
S 6	2 43 54	10° 9'42	6♌46	19°37	3°46	19°28	4° 3	13°39	9° 8	8°48	15°58	18°D54	18°31	12°16	n.a.	S 6
S 7	2 47 50	11°10'48	20°21	20°29	5° 0	19°41	4° 7	13°38	9° 8	8°47	15°59	18°R54	18°27	12°22	n.a.	S 7
M 8	2 51 47	12°11'55	4♍18	21°26	6°13	19°54	4°10	13°37	9° 9	8°45	15°59	18°54	18°24	12°29	n.a.	M 8
T 9	2 55 44	13°13'02	18°38	22°27	7°27	20° 7	4°13	13°36	9°10	8°44	16° 0	18°51	18°21	12°36	n.a.	T 9
W10	2 59 40	14°14'11	3♎19	23°32	8°40	20°18	4°16	13°35	9°11	8°43	16° 0	18°46	18°18	12°43	n.a.	W10
T 11	3 3 37	15°15'21	18°18	24°41	9°54	20°30	4°18	13°33	9°12	8°41	16° 1	18°38	18°15	12°49	n.a.	T 11
F 12	3 7 33	16°16'32	3♏25	25°52	11° 8	20°40	4°21	13°32	9°13	8°40	16° 1	18°28	18°12	12°56	n.a.	F 12
S 13	3 11 30	17°17'43	18°31	27° 6	12°21	20°50	4°23	13°30	9°14	8°39	16° 1	18°16	18° 8	13° 3	n.a.	S 13
S 14	3 15 26	18°18'56	3♐25	28°23	13°35	20°59	4°25	13°29	9°15	8°38	16° 2	18° 4	18° 5	13° 9	n.a.	S 14
M15	3 19 23	19°20'08	17°59	29°41	14°49	21° 8	4°27	13°27	9°16	8°36	16° 2	17°53	18° 2	13°16	n.a.	M15
T 16	3 23 19	20°21'22	2♑ 6	1♏ 1	16° 3	21°16	4°29	13°25	9°17	8°35	16° 2	17°44	17°59	13°23	n.a.	T 16
W17	3 27 16	21°22'35	15°43	2°22	17°17	21°24	4°30	13°23	9°19	8°34	16° 2	17°39	17°56	13°29	n.a.	W17
T 18	3 31 13	22°23'49	28°52	3°44	18°31	21°30	4°31	13°21	9°20	8°33	16° 2	17°36	17°53	13°36	n.a.	T 18
F 19	3 35 9	23°25'03	11♒34	5° 8	19°45	21°36	4°32	13°19	9°21	8°32	16° 2	17°35	17°49	13°43	n.a.	F 19
S 20	3 39 6	24°26'17	23°56	6°33	20°59	21°42	4°33	13°17	9°23	8°31	16° 3	17°35	17°46	13°50	n.a.	S 20
S 21	3 43 2	25°27'32	6♓ 1	7°58	22°13	21°47	4°34	13°14	9°24	8°30	16° 3	17°34	17°43	13°56	n.a.	S 21
M22	3 46 59	26°28'46	17°56	9°25	23°27	21°50	4°35	13°12	9°26	8°29	16°R 3	17°33	17°40	14° 3	n.a.	M22
T 23	3 50 55	27°30'00	29°45	10°52	24°41	21°54	4°35	13° 9	9°27	8°28	16° 3	17°28	17°37	14°10	n.a.	T 23
W24	3 54 52	28°31'14	11♈34	12°19	25°55	21°56	4°R35	13° 6	9°29	8°27	16° 3	17°22	17°33	14°16	n.a.	W24
T 25	3 58 48	29°32'29	23°27	13°47	27° 9	21°58	4°35	13° 4	9°30	8°26	16° 3	17°12	17°30	14°23	n.a.	T 25
F 26	4 2 45	0♐33'43	5♉25	15°16	28°23	21°59	4°35	13° 1	9°32	8°25	16° 2	16°59	17°27	14°30	n.a.	F 26
S 27	4 6 42	1°34'58	17°32	16°45	29°38	21°R59	4°34	12°58	9°34	8°24	16° 2	16°46	17°24	14°36	n.a.	S 27
S 28	4 10 38	2°36'12	29°48	18°15	0♏52	21°59	4°34	12°55	9°35	8°23	16° 2	16°32	17°21	14°43	n.a.	S 28
M29	4 14 35	3°37'27	12♊14	19°45	2° 6	21°58	4°33	12°51	9°37	8°22	16° 2	16°18	17°18	14°50	n.a.	M29
T 30	4 18 31	4♐38'42	24♊51	21♏15	3♏21	21♋56	4♌32	12♋48	9♒39	8♈22	16♌ 2	16♒ 7	17♒14	14♈57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13 s22	25n48	4n52	4 s29	2n29	2n38	1n51	24n22	1n55	20n23	0n51	23n13	0n12	18 s54	0 s44	1n43	2 s 1	29n36	14n 4	15 s11	15 s23	8n27		n.a.
T 2	13 43	27 23	4 30	4 31	2 32	2 9	1 52	24 22	1 57	20 22	0 51	23 13	0 12	18 54	0 44	1 43	2 1	29 36	14 4	15 15	15 24	8 30		n.a.
W 3	14 3	27 38	3 55	4 39	2 34	1 41	1 53	24 22	1 59	20 21	0 51	23 13	0 12	18 54	0 44	1 42	2 1	29 37	14 5	15 17	15 25	8 34		n.a.
T 4	14 23	26 25	3 8	4 51	2 35	1 12	1 54	24 22	2 1	20 20	0 52	23 13	0 12	18 54	0 44	1 42	2 1	29 37	14 5	15 19	15 26	8 37		n.a.
F 5	14 43	23 47	2 10	5 6	2 34	0 43	1 54	24 22	2 3	20 20	0 52	23 13	0 12	18 53	0 43	1 41	2 1	29 37	14 6	15 20	15 27	8 40		n.a.
S 6	15 3	19 50	1 4	5 25	2 32	0 14	1 55	24 22	2 5	20 19	0 52	23 13	0 12	18 53	0 43	1 41	2 1	29 38	14 6	15 20	15 28	8 43		n.a.
S 7	15 22	14 46	0 s 8	5 47	2 30	0 s15	1 55	24 22	2 7	20 19	0 52	23 14	0 13	18 53	0 43	1 40	2 1	29 38	14 7	15 20	15 29	8 46		n.a.
M 8	15 41	8 48	1 20	6 12	2 26	0 44	1 55	24 22	2 10	20 18	0 53	23 14	0 13	18 53	0 43	1 40	2 1	29 38	14 7	15 20	15 30	8 49		n.a.
T 9	16 0	2 15	2 30	6 39	2 22	1 13	1 56	24 22	2 12	20 18	0 53	23 14	0 13	18 53	0 43	1 39	2 1	29 39	14 8	15 21	15 31	8 52		n.a.
W10	16 18	4 s34	3 31	7 7	2 17	1 43	1 56	24 23	2 14	20 17	0 53	23 14	0 13	18 52	0 43	1 39	2 1	29 39	14 8	15 23	15 32	8 56		n.a.
T 11	16 36	11 15	4 19	7 38	2 12	2 12	1 56	24 23	2 16	20 17	0 54	23 15	0 13	18 52	0 43	1 38	2 1	29 39	14 9	15 25	15 33	8 59		n.a.
F 12	16 54	17 20	4 50	8 9	2 7	2 41	1 56	24 24	2 19	20 17	0 54	23 15	0 13	18 52	0 43	1 38	2 1	29 40	14 9	15 29	15 34	9 2		n.a.
S 13	17 12	22 20	5 0	8 41	2 1	3 10	1 56	24 25	2 21	20 16	0 54	23 15	0 13	18 51	0 43	1 37	2 1	29 40	14 10	15 32	15 35	9 5		n.a.
S 14	17 29	25 49	4 49	9 15	1 55	3 39	1 55	24 26	2 23	20 16	0 54	23 16	0 13	18 51	0 43	1 37	2 1	29 40	14 10	15 36	15 36	9 8		n.a.
M15	17 46	27 30	4 20	9 49	1 48	4 9	1 55	24 27	2 26	20 16	0 55	23 16	0 14	18 51	0 43	1 36	2 1	29 41	14 11	15 39	15 37	9 11		n.a.
T 16	18 3	27 18	3 35	10 23	1 41	4 38	1 55	24 28	2 28	20 16	0 55	23 16	0 14	18 50	0 43	1 36	2 1	29 41	14 11	15 42	15 38	9 14		n.a.
W17	18 19	25 26	2 40	10 58	1 34	5 7	1 54	24 29	2 31	20 16	0 55	23 16	0 14	18 50	0 43	1 36	2 1	29 42	14 12	15 44	15 39	9 17		n.a.
T 18	18 35	22 13	1 37	11 33	1 27	5 36	1 53	24 30	2 33	20 16	0 55	23 17	0 14	18 50	0 43	1 35	2 1	29 42	14 12	15 45	15 40	9 20		n.a.
F 19	18 51	18 2	0 32	12 8	1 20	6 4	1 53	24 32	2 35	20 16	0 56	23 17	0 14	18 49	0 43	1 35	2 1	29 42	14 13	15 45	15 41	9 24		n.a.
S 20	19 7	13 11	0n34	12 43	1 13	6 33	1 52	24 33	2 38	20 16	0 56	23 18	0 14	18 49	0 43	1 34	2 0	29 43	14 13	15 45	15 42	9 27		n.a.
S 21	19 21	7 56	1 36	13 18	1 6	7 2	1 51	24 35	2 40	20 16	0 56	23 18	0 14	18 48	0 43	1 34	2 0	29 43	14 14	15 45	15 42	9 30		n.a.
M22	19 36	2 29	2 33	13 53	0 58	7 30	1 50	24 37	2 43	20 16	0 57	23 18	0 14	18 48	0 43	1 34	2 0	29 44	14 14	15 46	15 43	9 33		n.a.
T 23	19 50	3n 0	3 23	14 27	0 51	7 59	1 49	24 39	2 46	20 16	0 57	23 19	0 15	18 47	0 43	1 33	2 0	29 44	14 15	15 47	15 44	9 36		n.a.
W24	20 4	8 22	4 5	15 2	0 44	8 27	1 48	24 41	2 48	20 16	0 57	23 19	0 15	18 47	0 43	1 33	2 0	29 45	14 15	15 49	15 45	9 39		n.a.
T 25	20 18	13 28	4 35	15 36	0 36	8 55	1 47	24 43	2 51	20 17	0 57	23 19	0 15	18 47	0 43	1 33	2 0	29 45	14 16	15 52	15 46	9 42		n.a.
F 26	20 31	18 6	4 54	16 9	0 29	9 23	1 46	24 45	2 53	20 17	0 58	23 20	0 15	18 46	0 43	1 32	2 0	29 46	14 16	15 56	15 47	9 45		n.a.
S 27	20 44	22 3	5 0	16 42	0 22	9 51	1 45	24 48	2 56	20 17	0 58	23 20	0 15	18 46	0 43	1 32	2 0	29 46	14 17	16 0	15 48	9 48		n.a.
S 28	20 56	25 6	4 52	17 14	0 14	10 18	1 43	24 51	2 58	20 18	0 58	23 21	0 15	18 45	0 43	1 32	2 0	29 47	14 17	16 4	15 49	9 51		n.a.
M29	21 8	27 0	4 31	17 46	0 7	10 45	1 42	24 53	3 1	20 18	0 58	23 21	0 15	18 45	0 43	1 31	2 0	29 47	14 18	16 8	15 50	9 54		n.a.
T 30	21 s19	27n33	3n55	18 s17	0n 0	11 s12	1n41	24n56	3n 4	20n19	0n59	23n22	0n15	18 s44	0 s43	1n31	2 s 0	29n48	14n18	16 s12	15 s51	9n58		n.a.

Julian Day Number = 1625301.5, Delta T = 03h45m06s
Ecliptic obliquity = 23°43'45, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'13, Lahiri = - 7°35'13 Julian Calendar 1 Nov. 264 BCE == Greg. Calendar 28 Oct. 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 264 BCE
geocentric

DECEMBER 264 BCE (-263) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 22 28	5♐39'57	7♋38	22♏46	4♏35	21°R53	4°R30	12°R45	9♒41	8°R21	16°R 1	15°R59	17♒11	15♈ 3	n.a.	W 1
T 2	4 26 24	6°41'11	20°35	24°17	5°49	21♋49	4♌29	12♋42	9°43	8♈20	16♌ 1	15♒53	17° 8	15°10	n.a.	T 2
F 3	4 30 21	7°42'26	3♌44	25°48	7° 4	21°45	4°27	12°38	9°45	8°19	16° 1	15°50	17° 5	15°17	n.a.	F 3
S 4	4 34 18	8°43'42	17° 5	27°20	8°18	21°39	4°26	12°34	9°47	8°19	16° 0	15°D50	17° 2	15°23	n.a.	S 4
S 5	4 38 14	9°44'57	0♍40	28°53	9°33	21°33	4°24	12°31	9°49	8°18	16° 0	15°50	16°59	15°30	n.a.	S 5
M 6	4 42 11	10°46'12	14°30	0♐25	10°47	21°26	4°21	12°27	9°51	8°17	16° 0	15°R50	16°55	15°37	n.a.	M 6
T 7	4 46 7	11°47'27	28°37	1°58	12° 2	21°19	4°19	12°23	9°53	8°17	15°59	15°49	16°52	15°43	n.a.	T 7
W 8	4 50 4	12°48'42	12♎58	3°32	13°16	21°10	4°16	12°19	9°55	8°16	15°59	15°45	16°49	15°50	n.a.	W 8
T 9	4 54 0	13°49'58	27°32	5° 6	14°31	21° 1	4°14	12°15	9°58	8°16	15°58	15°39	16°46	15°57	n.a.	T 9
F 10	4 57 57	14°51'13	12♏14	6°40	15°45	20°51	4°11	12°11	10° 0	8°15	15°58	15°31	16°43	16° 4	n.a.	F 10
S 11	5 1 53	15°52'28	26°56	8°15	17° 0	20°40	4° 7	12° 7	10° 2	8°15	15°57	15°21	16°39	16°10	n.a.	S 11
S 12	5 5 50	16°53'43	11♐32	9°50	18°14	20°28	4° 4	12° 3	10° 5	8°15	15°56	15°11	16°36	16°17	n.a.	S 12
M13	5 9 47	17°54'57	25°52	11°25	19°29	20°15	4° 1	11°59	10° 7	8°14	15°56	15° 2	16°33	16°24	n.a.	M13
T 14	5 13 43	18°56'10	9♑53	13° 2	20°44	20° 2	3°57	11°55	10° 9	8°14	15°55	14°55	16°30	16°30	n.a.	T 14
W15	5 17 40	19°57'23	23°29	14°38	21°58	19°48	3°53	11°50	10°12	8°14	15°54	14°51	16°27	16°37	n.a.	W15
T 16	5 21 36	20°58'36	6♒39	16°15	23°13	19°33	3°49	11°46	10°14	8°13	15°54	14°48	16°24	16°44	n.a.	T 16
F 17	5 25 33	21°59'47	19°26	17°53	24°27	19°17	3°45	11°42	10°17	8°13	15°53	14°D48	16°20	16°51	n.a.	F 17
S 18	5 29 29	23° 0'57	1♓51	19°31	25°42	19° 1	3°40	11°37	10°19	8°13	15°52	14°49	16°17	16°57	n.a.	S 18
S 19	5 33 26	24° 2'06	14° 0	21° 9	26°57	18°44	3°36	11°33	10°22	8°13	15°51	14°50	16°14	17° 4	n.a.	S 19
M20	5 37 23	25° 3'14	25°58	22°48	28°11	18°26	3°31	11°28	10°25	8°13	15°50	14°R51	16°11	17°11	n.a.	M20
T 21	5 41 19	26° 4'22	7♈49	24°28	29°26	18° 8	3°26	11°23	10°27	8°13	15°50	14°50	16° 8	17°17	n.a.	T 21
W22	5 45 16	27° 5'28	19°40	26° 8	0♐41	17°49	3°21	11°19	10°30	8°12	15°49	14°47	16° 5	17°24	n.a.	W22
T 23	5 49 12	28° 6'32	1♉34	27°49	1°55	17°30	3°16	11°14	10°33	8°D12	15°48	14°42	16° 1	17°31	n.a.	T 23
F 24	5 53 9	29° 7'36	13°36	29°31	3°10	17° 9	3°11	11° 9	10°35	8°12	15°47	14°35	15°58	17°37	n.a.	F 24
S 25	5 57 5	0♑ 8'39	25°49	1♑13	4°25	16°49	3° 5	11° 5	10°38	8°12	15°46	14°27	15°55	17°44	n.a.	S 25
S 26	6 1 2	1° 9'41	8♊15	2°55	5°39	16°28	2°59	11° 0	10°41	8°13	15°45	14°18	15°52	17°51	n.a.	S 26
M27	6 4 58	2°10'41	20°55	4°39	6°54	16° 6	2°54	10°55	10°44	8°13	15°44	14°10	15°49	17°58	n.a.	M27
T 28	6 8 55	3°11'41	3♋50	6°23	8° 9	15°44	2°48	10°50	10°47	8°13	15°43	14° 4	15°45	18° 4	n.a.	T 28
W29	6 12 52	4°12'39	16°58	8° 7	9°23	15°22	2°42	10°45	10°50	8°13	15°42	13°59	15°42	18°11	n.a.	W29
T 30	6 16 48	5°13'36	0♌19	9°52	10°38	14°59	2°35	10°41	10°53	8°13	15°41	13°56	15°39	18°18	n.a.	T 30
F 31	6 20 45	6♑14'32	13♌51	11♑37	11♐52	14♋36	2♌29	10♋36	10♒56	8♈14	15♌39	13°D55	15♒36	18♈24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	21s31	26n38	3n 8	18s48	0s 7	11s39	1n39	24n59	3n 6	20n19	0n59	23n22	0n16	18s43	0s43	1n31	2s 0	29n48	14n19	16s14	15s52	10n 1			n.a.
T 2	21 41	24 16	2 10	19 17	0 14	12 6	1 37	25 3	3 9	20 20	0 59	23 22	0 16	18 43	0 43	1 31	2 0	29 49	14 19	16 16	15 53	10 4			n.a.
F 3	21 52	20 35	1 4	19 46	0 20	12 32	1 36	25 6	3 12	20 20	1 0	23 23	0 16	18 42	0 43	1 31	2 0	29 50	14 20	16 17	15 54	10 7			n.a.
S 4	22 1	15 48	0s 7	20 14	0 27	12 58	1 34	25 9	3 14	20 21	1 0	23 23	0 16	18 42	0 43	1 30	2 0	29 50	14 20	16 17	15 55	10 10			n.a.
S 5	22 11	10 9	1 18	20 42	0 34	13 23	1 32	25 13	3 17	20 22	1 0	23 24	0 16	18 41	0 43	1 30	2 0	29 51	14 21	16 17	15 56	10 13			n.a.
M 6	22 20	3 55	2 26	21 8	0 40	13 49	1 30	25 17	3 19	20 23	1 0	23 24	0 16	18 41	0 42	1 30	2 0	29 51	14 21	16 17	15 57	10 16			n.a.
T 7	22 28	2s36	3 27	21 34	0 46	14 14	1 29	25 21	3 22	20 24	1 1	23 25	0 16	18 40	0 42	1 30	2 0	29 52	14 22	16 17	15 58	10 19			n.a.
W 8	22 37	9 6	4 16	21 58	0 52	14 38	1 27	25 25	3 25	20 24	1 1	23 25	0 16	18 39	0 42	1 30	1 59	29 53	14 22	16 18	15 59	10 22			n.a.
T 9	22 44	15 12	4 49	22 21	0 58	15 2	1 25	25 29	3 27	20 25	1 1	23 26	0 17	18 39	0 42	1 29	1 59	29 53	14 23	16 20	16 0	10 25			n.a.
F 10	22 51	20 29	5 3	22 44	1 4	15 26	1 23	25 33	3 30	20 26	1 1	23 26	0 17	18 38	0 42	1 29	1 59	29 54	14 23	16 23	16 1	10 28			n.a.
S 11	22 58	24 32	4 58	23 5	1 9	15 50	1 20	25 37	3 32	20 27	1 2	23 27	0 17	18 37	0 42	1 29	1 59	29 54	14 24	16 26	16 2	10 31			n.a.
S 12	23 4	26 56	4 33	23 25	1 14	16 13	1 18	25 41	3 35	20 28	1 2	23 27	0 17	18 37	0 42	1 29	1 59	29 55	14 24	16 29	16 3	10 34			n.a.
M13	23 10	27 30	3 51	23 44	1 20	16 36	1 16	25 46	3 38	20 30	1 2	23 28	0 17	18 36	0 42	1 29	1 59	29 56	14 25	16 31	16 4	10 37			n.a.
T 14	23 16	26 16	2 56	24 2	1 24	16 58	1 14	25 50	3 40	20 31	1 2	23 28	0 17	18 35	0 42	1 29	1 59	29 56	14 25	16 33	16 5	10 40			n.a.
W15	23 21	23 30	1 52	24 18	1 29	17 20	1 12	25 55	3 42	20 32	1 3	23 29	0 17	18 35	0 42	1 29	1 59	29 57	14 25	16 35	16 6	10 43			n.a.
T 16	23 25	19 32	0 44	24 34	1 33	17 41	1 9	25 59	3 45	20 33	1 3	23 29	0 17	18 34	0 42	1 29	1 59	29 58	14 26	16 35	16 7	10 46			n.a.
F 17	23 29	14 47	0n25	24 47	1 38	18 2	1 7	26 4	3 47	20 34	1 3	23 30	0 18	18 33	0 42	1 29	1 59	29 58	14 26	16 35	16 8	10 49			n.a.
S 18	23 33	9 32	1 30	25 0	1 41	18 22	1 5	26 9	3 50	20 36	1 3	23 30	0 18	18 33	0 42	1 29	1 59	29 59	14 27	16 35	16 9	10 52			n.a.
S 19	23 36	4 3	2 31	25 11	1 45	18 42	1 2	26 14	3 52	20 37	1 4	23 31	0 18	18 32	0 42	1 29	1 59	30 0	14 27	16 35	16 10	10 55			n.a.
M20	23 38	1n29	3 23	25 20	1 48	19 2	1 0	26 18	3 54	20 38	1 4	23 31	0 18	18 31	0 42	1 29	1 59	30 0	14 28	16 35	16 11	10 58			n.a.
T 21	23 40	6 54	4 6	25 28	1 51	19 20	0 57	26 23	3 56	20 40	1 4	23 32	0 18	18 30	0 42	1 29	1 59	30 1	14 28	16 35	16 12	11 1			n.a.
W22	23 42	12 5	4 39	25 34	1 54	19 39	0 55	26 28	3 58	20 41	1 4	23 32	0 18	18 30	0 42	1 29	1 59	30 2	14 28	16 36	16 13	11 4			n.a.
T 23	23 43	16 50	5 0	25 39	1 56	19 57	0 52	26 32	4 0	20 43	1 5	23 33	0 18	18 29	0 42	1 29	1 58	30 2	14 29	16 37	16 14	11 7			n.a.
F 24	23 44	21 0	5 8	25 42	1 58	20 14	0 50	26 37	4 2	20 44	1 5	23 34	0 18	18 28	0 42	1 29	1 58	30 3	14 29	16 39	16 15	11 10			n.a.
S 25	23 44	24 19	5 2	25 43	2 0	20 30	0 47	26 42	4 4	20 46	1 5	23 34	0 18	18 27	0 42	1 29	1 58	30 4	14 30	16 42	16 15	11 13			n.a.
S 26	23 43	26 35	4 42	25 43	2 1	20 47	0 45	26 46	4 6	20 47	1 5	23 35	0 19	18 26	0 42	1 29	1 58	30 4	14 30	16 44	16 16	11 16			n.a.
M27	23 43	27 32	4 7	25 40	2 2	21 2	0 42	26 51	4 8	20 49	1 6	23 35	0 19	18 26	0 42	1 29	1 58	30 5	14 30	16 46	16 17	11 19			n.a.
T 28	23 41	27 0	3 20	25 36	2 2	21 17	0 39	26 55	4 9	20 50	1 6	23 36	0 19	18 25	0 42	1 29	1 58	30 6	14 31	16 48	16 18	11 22			n.a.
W29	23 40	24 58	2 21	25 30	2 2	21 31	0 37	26 59	4 11	20 52	1 6	23 36	0 19	18 24	0 42	1 30	1 58	30 6	14 31	16 50	16 19	11 25			n.a.
T 30	23 37	21 31	1 13	25 23	2 1	21 45	0 34	27 3	4 12	20 54	1 6	23 37	0 19	18 23	0 42	1 30	1 58	30 7	14 32	16 51	16 20	11 28			n.a.
F 31	23s35	16n52	0n 0	25s13	2s 0	21s58	0n31	27n 7	4n14	20n55	1n 7	23n37	0n19	18s22	0s42	1n30	1s58	30n 8	14n32	16s51	16s21	11n31			n.a.

Julian Day Number = 1625331.5, Delta T = 03h45m05s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'09, Lahiri = - 7°35'09 Julian Calendar 1 Dec. 264 BCE == Greg. Calendar 27 Nov. 264 BCE

The year -263 astronomical counting style corresponds to year 264 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

JANUARY 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 24 41	7♑15'27	27♌33	13♑23	13♐ 7	14°R13	2°R23	10°R31	10♒59	8♈14	15°R38	13♒56	15♒33	18♈31	n.a.	S 1
S 2	6 28 38	8°16'22	11♍24	15°10	14°22	13♋49	2♌16	10♋26	11° 2	8°14	15♌37	13°57	15°30	18°38	n.a.	S 2
M 3	6 32 34	9°17'15	25°22	16°56	15°36	13°25	2° 9	10°21	11° 5	8°14	15°36	13°59	15°26	18°45	n.a.	M 3
T 4	6 36 31	10°18'07	9♎28	18°43	16°51	13° 1	2° 2	10°16	11° 8	8°15	15°35	13°R59	15°23	18°51	n.a.	T 4
W 5	6 40 27	11°18'58	23°39	20°30	18° 6	12°37	1°56	10°11	11°11	8°15	15°33	13°59	15°20	18°58	n.a.	W 5
T 6	6 44 24	12°19'48	7♏54	22°18	19°21	12°13	1°49	10° 6	11°14	8°16	15°32	13°57	15°17	19° 5	n.a.	T 6
F 7	6 48 21	13°20'37	22° 9	24° 4	20°35	11°49	1°41	10° 1	11°17	8°16	15°31	13°53	15°14	19°11	n.a.	F 7
S 8	6 52 17	14°21'25	6♐22	25°51	21°50	11°25	1°34	9°56	11°20	8°17	15°30	13°49	15°11	19°18	n.a.	S 8
S 9	6 56 14	15°22'12	20°28	27°37	23° 5	11° 1	1°27	9°52	11°23	8°17	15°28	13°44	15° 7	19°25	n.a.	S 9
M10	7 0 10	16°22'57	4♑22	29°22	24°19	10°38	1°20	9°47	11°26	8°18	15°27	13°40	15° 4	19°32	n.a.	M10
T 11	7 4 7	17°23'41	18° 2	1♒ 6	25°34	10°14	1°12	9°42	11°30	8°19	15°26	13°37	15° 1	19°38	n.a.	T 11
W12	7 8 3	18°24'24	1♒23	2°48	26°49	9°51	1° 5	9°37	11°33	8°19	15°24	13°35	14°58	19°45	n.a.	W12
T 13	7 12 0	19°25'05	14°25	4°29	28° 3	9°28	0°57	9°32	11°36	8°20	15°23	13°D34	14°55	19°52	n.a.	T 13
F 14	7 15 57	20°25'44	27° 8	6° 7	29°18	9° 5	0°49	9°27	11°39	8°21	15°22	13°35	14°51	19°58	n.a.	F 14
S 15	7 19 53	21°26'21	9♓33	7°42	0♑32	8°43	0°42	9°23	11°43	8°22	15°20	13°36	14°48	20° 5	n.a.	S 15
S 16	7 23 50	22°26'56	21°44	9°13	1°47	8°21	0°34	9°18	11°46	8°22	15°19	13°38	14°45	20°12	n.a.	S 16
M17	7 27 46	23°27'29	3♈44	10°40	3° 2	7°59	0°26	9°13	11°49	8°23	15°17	13°40	14°42	20°18	n.a.	M17
T 18	7 31 43	24°28'01	15°37	12° 3	4°16	7°38	0°18	9° 9	11°53	8°24	15°16	13°41	14°39	20°25	n.a.	T 18
W19	7 35 39	25°28'30	27°29	13°20	5°31	7°18	0°11	9° 4	11°56	8°25	15°14	13°R41	14°36	20°32	n.a.	W19
T 20	7 39 36	26°28'58	9♉24	14°31	6°46	6°58	0° 3	8°59	11°59	8°26	15°13	13°40	14°32	20°39	n.a.	T 20
F 21	7 43 32	27°29'24	21°27	15°36	8° 0	6°39	29♋55	8°55	12° 3	8°27	15°11	13°39	14°29	20°45	n.a.	F 21
S 22	7 47 29	28°29'47	3♊42	16°32	9°15	6°20	29°47	8°50	12° 6	8°28	15°10	13°37	14°26	20°52	n.a.	S 22
S 23	7 51 26	29°30'09	16°12	17°21	10°29	6° 2	29°39	8°46	12° 9	8°29	15° 8	13°35	14°23	20°59	n.a.	S 23
M24	7 55 22	0♒30'28	29° 0	18° 2	11°44	5°44	29°31	8°42	12°13	8°30	15° 7	13°33	14°20	21° 5	n.a.	M24
T 25	7 59 19	1°30'46	12♋ 8	18°33	12°58	5°28	29°23	8°37	12°16	8°31	15° 5	13°31	14°17	21°12	n.a.	T 25
W26	8 3 15	2°31'02	25°35	18°55	14°13	5°12	29°15	8°33	12°19	8°32	15° 4	13°30	14°13	21°19	n.a.	W26
T 27	8 7 12	3°31'15	9♌20	19° 7	15°27	4°56	29° 8	8°29	12°23	8°33	15° 2	13°D30	14°10	21°26	n.a.	T 27
F 28	8 11 8	4°31'27	23°19	19°R 9	16°42	4°42	29° 0	8°25	12°26	8°34	15° 1	13°30	14° 7	21°32	n.a.	F 28
S 29	8 15 5	5°31'37	7♍30	19° 2	17°57	4°28	28°52	8°21	12°30	8°36	14°59	13°30	14° 4	21°39	n.a.	S 29
S 30	8 19 1	6°31'45	21°47	18°45	19°11	4°15	28°44	8°17	12°33	8°37	14°58	13°31	14° 1	21°46	n.a.	S 30
M31	8 22 58	7♒31'51	6♎ 8	18♒20	20♑26	4♋ 2	28♋36	8♋13	12♒37	8♈38	14♌56	13♒32	13♒57	21♈52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s32	11n19	1s14	25s 1	1s59	22s10	0n29	27n11	4n15	20n57	1n 7	23n38	0n19	18s21	0s42	1n30	1s58	30n 9	14n32	16s51	16s22	11n34		n.a.
S 2	23 28	5 9	2 24	24 47	1 57	22 22	0 26	27 15	4 16	20 59	1 7	23 38	0 19	18 21	0 42	1 30	1 58	30 9	14 33	16 50	16 23	11 37		n.a.
M 3	23 24	1s18	3 27	24 31	1 54	22 33	0 23	27 19	4 17	21 0	1 7	23 39	0 19	18 20	0 42	1 30	1 58	30 10	14 33	16 50	16 24	11 40		n.a.
T 4	23 19	7 44	4 17	24 14	1 51	22 44	0 21	27 22	4 18	21 2	1 7	23 39	0 20	18 19	0 42	1 31	1 58	30 11	14 33	16 50	16 25	11 43		n.a.
W 5	23 14	13 49	4 53	23 54	1 47	22 53	0 18	27 25	4 19	21 4	1 8	23 40	0 20	18 18	0 42	1 31	1 58	30 11	14 34	16 50	16 26	11 46		n.a.
T 6	23 9	19 11	5 10	23 32	1 42	23 2	0 15	27 28	4 20	21 6	1 8	23 40	0 20	18 17	0 42	1 31	1 58	30 12	14 34	16 51	16 27	11 49		n.a.
F 7	23 3	23 30	5 9	23 9	1 37	23 11	0 13	27 31	4 21	21 8	1 8	23 41	0 20	18 16	0 42	1 31	1 57	30 13	14 34	16 52	16 28	11 52		n.a.
S 8	22 57	26 22	4 48	22 43	1 31	23 18	0 10	27 34	4 21	21 9	1 8	23 41	0 20	18 15	0 42	1 32	1 57	30 14	14 35	16 53	16 29	11 55		n.a.
S 9	22 50	27 33	4 11	22 16	1 24	23 25	0 7	27 37	4 22	21 11	1 8	23 42	0 20	18 14	0 42	1 32	1 57	30 14	14 35	16 54	16 30	11 58		n.a.
M10	22 43	26 58	3 18	21 47	1 16	23 32	0 5	27 39	4 22	21 13	1 8	23 42	0 20	18 14	0 42	1 32	1 57	30 15	14 35	16 55	16 31	12 1		n.a.
T 11	22 35	24 44	2 16	21 16	1 8	23 37	0 2	27 41	4 22	21 15	1 9	23 42	0 20	18 13	0 42	1 33	1 57	30 16	14 36	16 56	16 32	12 4		n.a.
W12	22 27	21 10	1 6	20 44	0 59	23 42	0s 1	27 43	4 22	21 17	1 9	23 43	0 20	18 12	0 42	1 33	1 57	30 16	14 36	16 57	16 33	12 7		n.a.
T 13	22 18	16 38	0n 5	20 10	0 49	23 46	0 3	27 45	4 22	21 19	1 9	23 43	0 21	18 11	0 42	1 33	1 57	30 17	14 36	16 57	16 33	12 10		n.a.
F 14	22 9	11 28	1 14	19 36	0 39	23 49	0 6	27 46	4 22	21 20	1 9	23 44	0 21	18 10	0 42	1 34	1 57	30 18	14 36	16 57	16 34	12 13		n.a.
S 15	22 0	5 57	2 18	19 0	0 27	23 52	0 8	27 48	4 22	21 22	1 9	23 44	0 21	18 9	0 42	1 34	1 57	30 18	14 37	16 56	16 35	12 16		n.a.
S 16	21 50	0 20	3 15	18 25	0 15	23 54	0 11	27 49	4 22	21 24	1 9	23 45	0 21	18 8	0 42	1 34	1 57	30 19	14 37	16 56	16 36	12 19		n.a.
M17	21 40	5n12	4 2	17 48	0 2	23 55	0 13	27 50	4 22	21 26	1 10	23 45	0 21	18 7	0 42	1 35	1 57	30 20	14 37	16 56	16 37	12 21		n.a.
T 18	21 29	10 30	4 39	17 12	0n11	23 56	0 16	27 51	4 21	21 28	1 10	23 46	0 21	18 6	0 42	1 35	1 57	30 21	14 37	16 55	16 38	12 24		n.a.
W19	21 18	15 24	5 3	16 37	0 26	23 55	0 18	27 52	4 21	21 30	1 10	23 46	0 21	18 5	0 42	1 36	1 57	30 21	14 38	16 55	16 39	12 27		n.a.
T 20	21 7	19 45	5 15	16 2	0 40	23 54	0 21	27 52	4 20	21 31	1 10	23 46	0 21	18 4	0 42	1 36	1 57	30 22	14 38	16 55	16 40	12 30		n.a.
F 21	20 55	23 22	5 13	15 28	0 56	23 52	0 23	27 52	4 19	21 33	1 10	23 47	0 21	18 3	0 42	1 36	1 57	30 23	14 38	16 56	16 41	12 33		n.a.
S 22	20 43	26 0	4 57	14 56	1 11	23 50	0 26	27 53	4 18	21 35	1 10	23 47	0 21	18 2	0 42	1 37	1 57	30 23	14 38	16 56	16 42	12 36		n.a.
S 23	20 30	27 25	4 26	14 26	1 27	23 47	0 28	27 53	4 17	21 37	1 10	23 48	0 22	18 1	0 42	1 37	1 56	30 24	14 38	16 57	16 43	12 39		n.a.
M24	20 17	27 25	3 42	13 59	1 43	23 43	0 31	27 52	4 16	21 39	1 10	23 48	0 22	18 0	0 42	1 38	1 56	30 25	14 39	16 57	16 44	12 42		n.a.
T 25	20 4	25 54	2 45	13 34	1 59	23 38	0 33	27 52	4 15	21 40	1 11	23 48	0 22	17 59	0 42	1 38	1 56	30 25	14 39	16 58	16 45	12 45		n.a.
W26	19 50	22 53	1 38	13 12	2 15	23 33	0 35	27 52	4 14	21 42	1 11	23 49	0 22	17 58	0 42	1 39	1 56	30 26	14 39	16 58	16 46	12 48		n.a.
T 27	19 36	18 30	0 23	12 54	2 30	23 26	0 37	27 51	4 13	21 44	1 11	23 49	0 22	17 57	0 42	1 39	1 56	30 27	14 39	16 58	16 47	12 51		n.a.
F 28	19 22	13 3	0s54	12 40	2 44	23 20	0 40	27 50	4 12	21 46	1 11	23 49	0 22	17 56	0 42	1 40	1 56	30 27	14 39	16 58	16 48	12 53		n.a.
S 29	19 7	6 52	2 9	12 29	2 58	23 12	0 42	27 50	4 11	21 47	1 11	23 50	0 22	17 56	0 42	1 40	1 56	30 28	14 40	16 58	16 48	12 56		n.a.
S 30	18 52	0 17	3 17	12 22	3 10	23 4	0 44	27 49	4 9	21 49	1 11	23 50	0 22	17 55	0 42	1 41	1 56	30 29	14 40	16 58	16 49	12 59		n.a.
M31	18s37	6s19	4s12	12s20	3n21	22s55	0s46	27n48	4n 8	21n51	1n11	23n50	0n22	17s54	0s42	1n41	1s56	30n29	14n40	16s58	16s50	13n 2		n.a.

Julian Day Number = 1625362.5, Delta T = 03h45m04s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'05, Lahiri = - 7°35'05 Julian Calendar 1 Jan. 263 BCE == Greg. Calendar 28 Dec. 264 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

FEBRUARY 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 26 54	8♒31'56	20♎27	17°R46	21♑40	3°R50	28°R29	8°R 9	12♒40	8♈39	14°R55	13♒32	13♒54	21♈59	n.a.	T 1
W 2	8 30 51	9°31'59	4♏42	17♒ 5	22°55	3♋40	28♋21	8♋ 5	12°43	8°41	14♌53	13°R32	13°51	22° 6	n.a.	W 2
T 3	8 34 48	10°32'00	18°51	16°18	24° 9	3°30	28°13	8° 1	12°47	8°42	14°51	13°32	13°48	22°13	n.a.	T 3
F 4	8 38 44	11°32'00	2♐51	15°25	25°24	3°20	28° 6	7°58	12°50	8°44	14°50	13°32	13°45	22°19	n.a.	F 4
S 5	8 42 41	12°31'58	16°40	14°29	26°38	3°12	27°58	7°54	12°54	8°45	14°48	13°32	13°42	22°26	n.a.	S 5
S 6	8 46 37	13°31'54	0♑18	13°30	27°53	3° 4	27°51	7°50	12°57	8°46	14°47	13°D32	13°38	22°33	n.a.	S 6
M 7	8 50 34	14°31'49	13°44	12°30	29° 7	2°57	27°44	7°47	13° 1	8°48	14°45	13°32	13°35	22°39	n.a.	M 7
T 8	8 54 30	15°31'41	26°57	11°30	0♒21	2°51	27°36	7°44	13° 4	8°49	14°43	13°32	13°32	22°46	n.a.	T 8
W 9	8 58 27	16°31'32	9♒55	10°32	1°36	2°46	27°29	7°40	13° 7	8°51	14°42	13°R32	13°29	22°53	n.a.	W 9
T 10	9 2 24	17°31'20	22°40	9°37	2°50	2°41	27°22	7°37	13°11	8°52	14°40	13°32	13°26	23° 0	n.a.	T 10
F 11	9 6 20	18°31'06	5♓12	8°46	4° 5	2°37	27°15	7°34	13°14	8°54	14°39	13°32	13°23	23° 6	n.a.	F 11
S 12	9 10 17	19°30'50	17°31	7°59	5°19	2°34	27° 8	7°31	13°18	8°56	14°37	13°31	13°19	23°13	n.a.	S 12
S 13	9 14 13	20°30'32	29°38	7°17	6°34	2°32	27° 2	7°28	13°21	8°57	14°36	13°30	13°16	23°20	n.a.	S 13
M14	9 18 10	21°30'11	11♈37	6°41	7°48	2°31	26°55	7°25	13°25	8°59	14°34	13°29	13°13	23°26	n.a.	M14
T 15	9 22 6	22°29'49	23°31	6°11	9° 2	2°D30	26°49	7°23	13°28	9° 0	14°32	13°28	13°10	23°33	n.a.	T 15
W16	9 26 3	23°29'23	5♉23	5°47	10°17	2°30	26°42	7°20	13°31	9° 2	14°31	13°27	13° 7	23°40	n.a.	W16
T 17	9 29 59	24°28'56	17°17	5°29	11°31	2°31	26°36	7°17	13°35	9° 4	14°29	13°27	13° 3	23°47	n.a.	T 17
F 18	9 33 56	25°28'26	29°18	5°18	12°46	2°32	26°30	7°15	13°38	9° 6	14°28	13°D27	13° 0	23°53	n.a.	F 18
S 19	9 37 52	26°27'54	11♊31	5°D12	14° 0	2°35	26°24	7°13	13°42	9° 7	14°26	13°27	12°57	24° 0	n.a.	S 19
S 20	9 41 49	27°27'19	24° 0	5°13	15°14	2°37	26°18	7°10	13°45	9° 9	14°25	13°28	12°54	24° 7	n.a.	S 20
M21	9 45 46	28°26'42	6♋49	5°19	16°29	2°41	26°12	7° 8	13°48	9°11	14°23	13°29	12°51	24°13	n.a.	M21
T 22	9 49 42	29°26'02	20° 0	5°31	17°43	2°45	26° 6	7° 6	13°52	9°13	14°22	13°30	12°48	24°20	n.a.	T 22
W23	9 53 39	0♓25'21	3♌36	5°48	18°57	2°50	26° 1	7° 4	13°55	9°15	14°20	13°31	12°44	24°27	n.a.	W23
T 24	9 57 35	1°24'36	17°36	6°10	20°11	2°56	25°56	7° 2	13°58	9°16	14°19	13°R31	12°41	24°34	n.a.	T 24
F 25	10 1 32	2°23'50	1♍57	6°37	21°26	3° 2	25°50	7° 1	14° 2	9°18	14°17	13°31	12°38	24°40	n.a.	F 25
S 26	10 5 28	3°23'01	16°34	7° 8	22°40	3° 9	25°45	6°59	14° 5	9°20	14°16	13°29	12°35	24°47	n.a.	S 26
S 27	10 9 25	4°22'10	1♎21	7°43	23°54	3°17	25°41	6°57	14° 8	9°22	14°14	13°27	12°32	24°54	n.a.	S 27
M28	10 13 21	5♓21'18	16♎ 9	8♒23	25♒ 9	3♋25	25♋36	6♋56	14♒12	9♈24	14♌13	13♒24	12♒29	25♈ 1	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s21	12s35	4s52	12s21	3n31	22s45	0s48	27n47	4n 6	21n52	1n11	23n51	0n22	17s53	0s42	1n42	1s56	30n30	14n40	16s58	16s51	13n 5		n.a.
W 2	18 5	18 9	5 13	12 26	3 39	22 35	0 50	27 45	4 5	21 54	1 11	23 51	0 22	17 52	0 42	1 43	1 56	30 30	14 40	16 58	16 52	13 8		n.a.
T 3	17 49	22 41	5 16	12 34	3 45	22 24	0 52	27 44	4 3	21 56	1 11	23 51	0 23	17 51	0 42	1 43	1 56	30 31	14 40	16 58	16 53	13 11		n.a.
F 4	17 32	25 52	4 59	12 46	3 49	22 12	0 54	27 43	4 2	21 57	1 11	23 52	0 23	17 50	0 42	1 44	1 56	30 32	14 40	16 58	16 54	13 14		n.a.
S 5	17 15	27 27	4 26	13 1	3 50	22 0	0 56	27 42	4 0	21 59	1 11	23 52	0 23	17 49	0 42	1 44	1 56	30 32	14 40	16 58	16 55	13 16		n.a.
S 6	16 58	27 21	3 37	13 18	3 50	21 47	0 58	27 40	3 59	22 0	1 11	23 52	0 23	17 48	0 42	1 45	1 56	30 33	14 40	16 58	16 56	13 19		n.a.
M 7	16 40	25 38	2 38	13 37	3 48	21 33	1 0	27 39	3 57	22 2	1 11	23 53	0 23	17 47	0 42	1 46	1 56	30 33	14 40	16 58	16 57	13 22		n.a.
T 8	16 22	22 30	1 31	13 58	3 43	21 19	1 1	27 37	3 55	22 3	1 11	23 53	0 23	17 46	0 42	1 46	1 56	30 34	14 41	16 58	16 58	13 25		n.a.
W 9	16 4	18 18	0 20	14 19	3 37	21 4	1 3	27 35	3 53	22 5	1 11	23 53	0 23	17 45	0 42	1 47	1 55	30 34	14 41	16 58	16 59	13 28		n.a.
T 10	15 46	13 20	0n50	14 42	3 29	20 48	1 5	27 34	3 52	22 6	1 11	23 53	0 23	17 44	0 42	1 48	1 55	30 35	14 41	16 58	17 0	13 31		n.a.
F 11	15 28	7 54	1 57	15 4	3 20	20 32	1 6	27 32	3 50	22 8	1 11	23 54	0 23	17 43	0 42	1 48	1 55	30 36	14 41	16 58	17 0	13 33		n.a.
S 12	15 9	2 17	2 57	15 27	3 9	20 16	1 8	27 30	3 48	22 9	1 11	23 54	0 23	17 42	0 42	1 49	1 55	30 36	14 41	16 58	17 1	13 36		n.a.
S 13	14 50	3n20	3 49	15 49	2 57	19 58	1 9	27 29	3 46	22 10	1 11	23 54	0 23	17 41	0 42	1 50	1 55	30 37	14 41	16 58	17 2	13 39		n.a.
M14	14 30	8 46	4 29	16 10	2 45	19 40	1 11	27 27	3 45	22 12	1 11	23 54	0 23	17 40	0 42	1 50	1 55	30 37	14 41	16 59	17 3	13 42		n.a.
T 15	14 11	13 50	4 58	16 31	2 31	19 22	1 12	27 25	3 43	22 13	1 11	23 55	0 23	17 39	0 42	1 51	1 55	30 38	14 41	16 59	17 4	13 45		n.a.
W16	13 51	18 23	5 13	16 50	2 18	19 3	1 13	27 23	3 41	22 14	1 11	23 55	0 24	17 38	0 42	1 52	1 55	30 38	14 41	16 59	17 5	13 48		n.a.
T 17	13 31	22 14	5 16	17 8	2 3	18 44	1 14	27 21	3 39	22 15	1 11	23 55	0 24	17 37	0 42	1 52	1 55	30 39	14 41	16 59	17 6	13 50		n.a.
F 18	13 11	25 11	5 4	17 25	1 49	18 23	1 16	27 19	3 37	22 17	1 11	23 55	0 24	17 36	0 42	1 53	1 55	30 39	14 41	16 59	17 7	13 53		n.a.
S 19	12 51	27 3	4 39	17 40	1 35	18 3	1 17	27 17	3 35	22 18	1 11	23 55	0 24	17 35	0 42	1 54	1 55	30 40	14 41	16 59	17 8	13 56		n.a.
S 20	12 30	27 36	4 1	17 54	1 20	17 42	1 18	27 16	3 33	22 19	1 11	23 56	0 24	17 34	0 42	1 55	1 55	30 40	14 41	16 59	17 9	13 59		n.a.
M21	12 9	26 42	3 9	18 6	1 6	17 20	1 19	27 14	3 32	22 20	1 11	23 56	0 24	17 33	0 42	1 55	1 55	30 40	14 41	16 59	17 10	14 2		n.a.
T 22	11 48	24 18	2 6	18 17	0 52	16 58	1 20	27 12	3 30	22 21	1 11	23 56	0 24	17 32	0 42	1 56	1 55	30 41	14 41	16 58	17 11	14 4		n.a.
W23	11 27	20 28	0 55	18 26	0 39	16 36	1 21	27 10	3 28	22 22	1 11	23 56	0 24	17 31	0 42	1 57	1 55	30 41	14 41	16 58	17 11	14 7		n.a.
T 24	11 6	15 23	0s23	18 33	0 25	16 13	1 21	27 8	3 26	22 23	1 11	23 56	0 24	17 30	0 42	1 58	1 55	30 42	14 41	16 58	17 12	14 10		n.a.
F 25	10 45	9 21	1 40	18 39	0 12	15 49	1 22	27 6	3 24	22 24	1 11	23 57	0 24	17 29	0 42	1 59	1 55	30 42	14 40	16 58	17 13	14 13		n.a.
S 26	10 23	2 43	2 52	18 43	0s 0	15 26	1 23	27 4	3 22	22 25	1 11	23 57	0 24	17 28	0 42	1 59	1 55	30 43	14 40	16 59	17 14	14 15		n.a.
S 27	10 1	4s 6	3 54	18 45	0 12	15 1	1 23	27 2	3 20	22 26	1 11	23 57	0 24	17 27	0 42	2 0	1 55	30 43	14 40	16 59	17 15	14 18		n.a.
M28	9s40	10s43	4s40	18s46	0s24	14s37	1s24	27n 0	3n19	22n27	1n11	23n57	0n24	17s26	0s42	2n 1	1s55	30n43	14n40	17s 0	17s16	14n21		n.a.

Julian Day Number = 1625393.5, Delta T = 03h45m03s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°42'01, Lahiri = - 7°35'00 Julian Calendar 1 Feb. 263 BCE == Greg. Calendar 28 Jan. 263 BCE

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

MARCH 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 17 18	6♓20'23	0♏52	9♒ 6	26♒23	3♋34	25°R31	6°R55	14♒15	9♈26	14°R11	13°R21	12♒25	25♈ 7	n.a.	T 1
W 2	10 21 15	7°19'26	15°23	9°53	27°37	3°43	25♋27	6♋53	14°18	9°28	14♌10	13♒18	12°22	25°14	n.a.	W 2
T 3	10 25 11	8°18'28	29°38	10°43	28°51	3°53	25°23	6°52	14°21	9°30	14° 8	13°17	12°19	25°21	n.a.	T 3
F 4	10 29 8	9°17'28	13♐35	11°37	0♓ 5	4° 4	25°19	6°51	14°24	9°32	14° 7	13°D17	12°16	25°27	n.a.	F 4
S 5	10 33 4	10°16'26	27°14	12°33	1°20	4°15	25°15	6°50	14°28	9°34	14° 6	13°18	12°13	25°34	n.a.	S 5
S 6	10 37 1	11°15'22	10♑34	13°32	2°34	4°26	25°11	6°49	14°31	9°36	14° 4	13°19	12° 9	25°41	n.a.	S 6
M 7	10 40 57	12°14'17	23°39	14°34	3°48	4°38	25° 7	6°49	14°34	9°38	14° 3	13°21	12° 6	25°48	n.a.	M 7
T 8	10 44 54	13°13'09	6♒29	15°39	5° 2	4°51	25° 4	6°48	14°37	9°40	14° 1	13°22	12° 3	25°54	n.a.	T 8
W 9	10 48 50	14°12'00	19° 6	16°46	6°16	5° 4	25° 1	6°48	14°40	9°42	14° 0	13°R22	12° 0	26° 1	n.a.	W 9
T 10	10 52 47	15°10'48	1♓33	17°56	7°31	5°18	24°58	6°47	14°43	9°44	13°59	13°21	11°57	26° 8	n.a.	T 10
F 11	10 56 43	16° 9'34	13°50	19° 8	8°45	5°32	24°55	6°47	14°46	9°46	13°57	13°17	11°54	26°14	n.a.	F 11
S 12	11 0 40	17° 8'19	25°58	20°22	9°59	5°47	24°52	6°47	14°49	9°48	13°56	13°13	11°50	26°21	n.a.	S 12
S 13	11 4 37	18° 7'01	7♈59	21°38	11°13	6° 2	24°50	6°D47	14°52	9°50	13°55	13° 7	11°47	26°28	n.a.	S 13
M14	11 8 33	19° 5'41	19°55	22°56	12°27	6°17	24°48	6°47	14°55	9°53	13°54	13° 0	11°44	26°35	n.a.	M14
T 15	11 12 30	20° 4'18	1♉48	24°16	13°41	6°34	24°46	6°47	14°58	9°55	13°52	12°54	11°41	26°41	n.a.	T 15
W16	11 16 26	21° 2'54	13°39	25°38	14°55	6°50	24°44	6°47	15° 1	9°57	13°51	12°48	11°38	26°48	n.a.	W16
T 17	11 20 23	22° 1'28	25°33	27° 2	16° 9	7° 7	24°42	6°48	15° 4	9°59	13°50	12°43	11°34	26°55	n.a.	T 17
F 18	11 24 19	22°59'59	7♊32	28°28	17°23	7°24	24°40	6°48	15° 7	10° 1	13°49	12°40	11°31	27° 1	n.a.	F 18
S 19	11 28 16	23°58'28	19°42	29°56	18°37	7°42	24°39	6°49	15°10	10° 3	13°48	12°D38	11°28	27° 8	n.a.	S 19
S 20	11 32 12	24°56'55	2♋ 7	1♓26	19°52	8° 0	24°38	6°50	15°13	10° 6	13°47	12°38	11°25	27°15	n.a.	S 20
M21	11 36 9	25°55'19	14°51	2°57	21° 6	8°19	24°37	6°50	15°16	10° 8	13°46	12°40	11°22	27°22	n.a.	M21
T 22	11 40 6	26°53'41	27°59	4°30	22°20	8°38	24°36	6°51	15°18	10°10	13°44	12°41	11°19	27°28	n.a.	T 22
W23	11 44 2	27°52'01	11♌34	6° 5	23°34	8°57	24°36	6°52	15°21	10°12	13°43	12°R42	11°15	27°35	n.a.	W23
T 24	11 47 59	28°50'19	25°37	7°41	24°48	9°17	24°35	6°54	15°24	10°14	13°42	12°41	11°12	27°42	n.a.	T 24
F 25	11 51 55	29°48'35	10♍ 6	9°20	26° 2	9°37	24°35	6°55	15°27	10°17	13°41	12°38	11° 9	27°48	n.a.	F 25
S 26	11 55 52	0♈46'48	24°58	11° 0	27°16	9°58	24°D35	6°56	15°29	10°19	13°40	12°34	11° 6	27°55	n.a.	S 26
S 27	11 59 48	1°45'00	10♎ 4	12°42	28°29	10°19	24°35	6°58	15°32	10°21	13°39	12°27	11° 3	28° 2	n.a.	S 27
M28	12 3 45	2°43'10	25°15	14°25	29°43	10°40	24°35	6°59	15°34	10°23	13°39	12°20	11° 0	28° 9	n.a.	M28
T 29	12 7 41	3°41'18	10♏21	16°11	0♈57	11° 1	24°36	7° 1	15°37	10°26	13°38	12°12	10°56	28°15	n.a.	T 29
W30	12 11 38	4°39'25	25°12	17°58	2°11	11°23	24°36	7° 3	15°40	10°28	13°37	12° 6	10°53	28°22	n.a.	W30
T 31	12 15 34	5♈37'30	9♐42	19♓47	3♈25	11♋45	24♋37	7♋ 4	15♒42	10♈30	13♌36	12♒ 1	10♒50	28♈29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	9s18	16s41	5s 7	18s45	0s35	14s12	1s24	26n58	3n17	22n27	1n11	23n57	0n24	17s25	0s42	2n 2	1s55	30n44	14n40	17s 1	17s17	14n24		n.a.	T 1
W 2	8 55	21 38	5 14	18 43	0 45	13 46	1 25	26 55	3 15	22 28	1 11	23 57	0 24	17 24	0 42	2 2	1 55	30 44	14 40	17 2	17 18	14 27		n.a.	W 2
T 3	8 33	25 13	5 2	18 39	0 56	13 21	1 25	26 53	3 13	22 29	1 11	23 57	0 25	17 23	0 42	2 3	1 55	30 44	14 40	17 2	17 19	14 29		n.a.	T 3
F 4	8 11	27 12	4 31	18 33	1 5	12 54	1 26	26 51	3 11	22 30	1 11	23 57	0 25	17 22	0 42	2 4	1 55	30 45	14 40	17 2	17 20	14 32		n.a.	F 4
S 5	7 48	27 28	3 47	18 26	1 14	12 28	1 26	26 49	3 10	22 30	1 11	23 58	0 25	17 22	0 42	2 5	1 54	30 45	14 40	17 2	17 20	14 35		n.a.	S 5
S 6	7 26	26 8	2 50	18 17	1 23	12 1	1 26	26 47	3 8	22 31	1 11	23 58	0 25	17 21	0 42	2 6	1 54	30 45	14 39	17 1	17 21	14 38		n.a.	S 6
M 7	7 3	23 22	1 46	18 6	1 31	11 34	1 26	26 45	3 6	22 31	1 11	23 58	0 25	17 20	0 42	2 7	1 54	30 46	14 39	17 1	17 22	14 40		n.a.	M 7
T 8	6 40	19 29	0 38	17 54	1 39	11 7	1 26	26 43	3 4	22 32	1 11	23 58	0 25	17 19	0 42	2 7	1 54	30 46	14 39	17 1	17 23	14 43		n.a.	T 8
W 9	6 17	14 47	0n31	17 40	1 46	10 39	1 26	26 40	3 3	22 32	1 10	23 58	0 25	17 18	0 42	2 8	1 54	30 46	14 39	17 1	17 24	14 46		n.a.	W 9
T 10	5 54	9 32	1 38	17 25	1 52	10 11	1 26	26 38	3 1	22 33	1 10	23 58	0 25	17 17	0 42	2 9	1 54	30 46	14 39	17 1	17 25	14 48		n.a.	T 10
F 11	5 31	4 0	2 39	17 8	1 58	9 43	1 26	26 36	2 59	22 33	1 10	23 58	0 25	17 16	0 42	2 10	1 54	30 47	14 39	17 2	17 26	14 51		n.a.	F 11
S 12	5 8	1n36	3 31	16 50	2 4	9 14	1 26	26 33	2 57	22 34	1 10	23 58	0 25	17 15	0 42	2 11	1 54	30 47	14 38	17 3	17 27	14 54		n.a.	S 12
S 13	4 45	7 5	4 14	16 29	2 9	8 46	1 25	26 31	2 56	22 34	1 10	23 58	0 25	17 14	0 42	2 12	1 54	30 47	14 38	17 5	17 28	14 57		n.a.	S 13
M14	4 22	12 16	4 45	16 8	2 13	8 17	1 25	26 28	2 54	22 34	1 10	23 58	0 25	17 13	0 42	2 13	1 54	30 47	14 38	17 7	17 29	14 59		n.a.	M14
T 15	3 59	16 59	5 4	15 44	2 17	7 47	1 25	26 26	2 52	22 35	1 10	23 58	0 25	17 13	0 42	2 13	1 54	30 47	14 38	17 9	17 29	15 2		n.a.	T 15
W16	3 35	21 2	5 10	15 19	2 20	7 18	1 24	26 23	2 51	22 35	1 10	23 58	0 25	17 12	0 42	2 14	1 54	30 48	14 38	17 11	17 30	15 5		n.a.	W16
T 17	3 12	24 16	5 2	14 53	2 23	6 49	1 24	26 21	2 49	22 35	1 10	23 58	0 25	17 11	0 42	2 15	1 54	30 48	14 37	17 12	17 31	15 7		n.a.	T 17
F 18	2 49	26 27	4 41	14 25	2 25	6 19	1 23	26 18	2 47	22 35	1 10	23 58	0 25	17 10	0 42	2 16	1 54	30 48	14 37	17 13	17 32	15 10		n.a.	F 18
S 19	2 25	27 26	4 8	13 55	2 27	5 49	1 23	26 16	2 46	22 35	1 9	23 58	0 25	17 9	0 42	2 17	1 54	30 48	14 37	17 13	17 33	15 13		n.a.	S 19
S 20	2 2	27 4	3 22	13 24	2 28	5 19	1 22	26 13	2 44	22 36	1 9	23 58	0 25	17 8	0 42	2 18	1 54	30 48	14 37	17 13	17 34	15 15		n.a.	S 20
M21	1 38	25 17	2 25	12 51	2 29	4 49	1 21	26 10	2 43	22 36	1 9	23 58	0 26	17 8	0 42	2 19	1 54	30 48	14 36	17 13	17 35	15 18		n.a.	M21
T 22	1 15	22 6	1 19	12 17	2 29	4 18	1 20	26 7	2 41	22 36	1 9	23 58	0 26	17 7	0 42	2 20	1 54	30 48	14 36	17 12	17 36	15 21		n.a.	T 22
W23	0 51	17 37	0 6	11 42	2 29	3 48	1 19	26 4	2 39	22 36	1 9	23 58	0 26	17 6	0 42	2 21	1 54	30 49	14 36	17 12	17 37	15 24		n.a.	W23
T 24	0 28	12 3	1s 9	11 4	2 28	3 17	1 18	26 1	2 38	22 36	1 9	23 58	0 26	17 5	0 42	2 21	1 54	30 49	14 36	17 12	17 37	15 26		n.a.	T 24
F 25	0 5	5 41	2 22	10 25	2 27	2 47	1 17	25 58	2 36	22 36	1 9	23 58	0 26	17 4	0 42	2 22	1 54	30 49	14 35	17 13	17 38	15 29		n.a.	F 25
S 26	0n19	1s 9	3 28	9 45	2 25	2 16	1 16	25 55	2 35	22 36	1 9	23 58	0 26	17 4	0 42	2 23	1 54	30 49	14 35	17 15	17 39	15 32		n.a.	S 26
S 27	0 42	8 0	4 19	9 3	2 22	1 45	1 15	25 52	2 33	22 35	1 9	23 58	0 26	17 3	0 42	2 24	1 54	30 49	14 35	17 16	17 40	15 34		n.a.	S 27
M28	1 6	14 25	4 53	8 20	2 19	1 15	1 14	25 49	2 32	22 35	1 8	23 58	0 26	17 2	0 42	2 25	1 54	30 49	14 35	17 18	17 41	15 37		n.a.	M28
T 29	1 29	19 56	5 6	7 36	2 15	0 44	1 13	25 46	2 30	22 35	1 8	23 58	0 26	17 1	0 42	2 26	1 54	30 49	14 34	17 21	17 42	15 39		n.a.	T 29
W30	1 52	24 7	4 59	6 49	2 11	0 13	1 12	25 42	2 29	22 35	1 8	23 58	0 26	17 1	0 42	2 27	1 54	30 49	14 34	17 22	17 43	15 42		n.a.	W30
T 31	2n16	26s39	4s32	6s 2	2s 7	0n18	1s10	25n39	2n27	22n34	1n 8	23n58	0n26	17s 0	0s42	2n28	1s54	30n49	14n34	17s24	17s44	15n45		n.a.	T 31

Julian Day Number = 1625421.5, Delta T = 03h45m02s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'57, Lahiri = - 7°34'57 Julian Calendar 1 March 263 BCE == Greg. Calendar 25 Feb. 263 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

APRIL 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 19 31	6♈35'34	23♐46	21♓37	4♈39	12♋ 8	24♋38	7♋ 6	15♒45	10♈32	13°R35	11°R58	10♒47	28♈36	n.a.	F 1
S 2	12 23 28	7°33'36	7♑25	23°30	5°53	12°30	24°40	7° 9	15°47	10°35	13♌34	11°D58	10°44	28°42	n.a.	S 2
S 3	12 27 24	8°31'37	20°41	25°24	7° 7	12°54	24°41	7°11	15°49	10°37	13°34	11♒58	10°40	28°49	n.a.	S 3
M 4	12 31 21	9°29'36	3♒35	27°20	8°21	13°17	24°43	7°13	15°52	10°39	13°33	11°59	10°37	28°56	n.a.	M 4
T 5	12 35 17	10°27'34	16°12	29°17	9°35	13°41	24°44	7°15	15°54	10°41	13°32	11°R59	10°34	29° 2	n.a.	T 5
W 6	12 39 14	11°25'30	28°35	1♈17	10°49	14° 4	24°46	7°18	15°56	10°44	13°31	11°58	10°31	29° 9	n.a.	W 6
T 7	12 43 10	12°23'25	10♓47	3°18	12° 2	14°29	24°48	7°20	15°59	10°46	13°31	11°54	10°28	29°16	n.a.	T 7
F 8	12 47 7	13°21'19	22°52	5°21	13°16	14°53	24°51	7°23	16° 1	10°48	13°30	11°48	10°25	29°23	n.a.	F 8
S 9	12 51 3	14°19'10	4♈51	7°25	14°30	15°18	24°53	7°26	16° 3	10°50	13°29	11°39	10°21	29°29	n.a.	S 9
S 10	12 55 0	15°17'01	16°46	9°30	15°44	15°43	24°56	7°29	16° 5	10°53	13°29	11°28	10°18	29°36	n.a.	S 10
M11	12 58 57	16°14'49	28°38	11°37	16°58	16° 8	24°59	7°32	16° 7	10°55	13°28	11°16	10°15	29°43	n.a.	M11
T 12	13 2 53	17°12'36	10♉30	13°45	18°12	16°34	25° 2	7°35	16° 9	10°57	13°28	11° 3	10°12	29°49	n.a.	T 12
W13	13 6 50	18°10'22	22°22	15°55	19°26	17° 0	25° 5	7°38	16°11	10°59	13°27	10°52	10° 9	29°56	n.a.	W13
T 14	13 10 46	19° 8'06	4♊18	18° 4	20°39	17°26	25° 8	7°41	16°13	11° 2	13°27	10°42	10° 5	0♉ 3	n.a.	T 14
F 15	13 14 43	20° 5'48	16°19	20°15	21°53	17°52	25°12	7°45	16°15	11° 4	13°26	10°35	10° 2	0°10	n.a.	F 15
S 16	13 18 39	21° 3'29	28°29	22°26	23° 7	18°18	25°15	7°48	16°17	11° 6	13°26	10°31	9°59	0°16	n.a.	S 16
S 17	13 22 36	22° 1'08	10♋52	24°37	24°21	18°45	25°19	7°52	16°19	11° 8	13°26	10°28	9°56	0°23	n.a.	S 17
M18	13 26 32	22°58'45	23°32	26°48	25°34	19°12	25°23	7°55	16°21	11°10	13°25	10°D28	9°53	0°30	n.a.	M18
T 19	13 30 29	23°56'21	6♌34	28°58	26°48	19°39	25°27	7°59	16°23	11°13	13°25	10°R28	9°50	0°37	n.a.	T 19
W20	13 34 26	24°53'55	20° 2	1♉ 8	28° 2	20° 7	25°32	8° 3	16°24	11°15	13°25	10°28	9°46	0°43	n.a.	W20
T 21	13 38 22	25°51'27	3♍59	3°16	29°16	20°34	25°36	8° 7	16°26	11°17	13°24	10°26	9°43	0°50	n.a.	T 21
F 22	13 42 19	26°48'58	18°24	5°24	0♉29	21° 2	25°41	8°11	16°28	11°19	13°24	10°22	9°40	0°57	n.a.	F 22
S 23	13 46 15	27°46'27	3♎15	7°30	1°43	21°30	25°46	8°15	16°29	11°21	13°24	10°15	9°37	1° 3	n.a.	S 23
S 24	13 50 12	28°43'55	18°25	9°34	2°57	21°58	25°51	8°19	16°31	11°24	13°24	10° 6	9°34	1°10	n.a.	S 24
M25	13 54 8	29°41'22	3♏45	11°36	4°11	22°27	25°56	8°23	16°32	11°26	13°24	9°56	9°31	1°17	n.a.	M25
T 26	13 58 5	0♉38'48	19° 3	13°36	5°24	22°55	26° 1	8°27	16°34	11°28	13°24	9°46	9°27	1°24	n.a.	T 26
W27	14 2 1	1°36'12	4♐ 8	15°34	6°38	23°24	26° 7	8°32	16°35	11°30	13°24	9°36	9°24	1°30	n.a.	W27
T 28	14 5 58	2°33'36	18°51	17°29	7°52	23°53	26°12	8°36	16°37	11°32	13°23	9°29	9°21	1°37	n.a.	T 28
F 29	14 9 55	3°30'59	3♑ 6	19°22	9° 5	24°22	26°18	8°41	16°38	11°34	13°D23	9°24	9°18	1°44	n.a.	F 29
S 30	14 13 51	4♉28'21	16♑53	21♉13	10♉19	24♋52	26♋24	8♋45	16♒39	11♈37	13♌24	9♒22	9♒15	1♉50	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	2n39	27s24	3s49	5s13	2s 1	0n49	1s 9	25n35	2n26	22n34	1n 8	23n58	0n26	16s59	0s43	2n29	1s54	30n49	14n33	17s24	17s44	15n47			n.a.
S 2	3 2	26 25	2 54	4 23	1 56	1 20	1 8	25 32	2 24	22 34	1 8	23 58	0 26	16 58	0 43	2 29	1 54	30 49	14 33	17 25	17 45	15 50			n.a.
S 3	3 25	23 57	1 52	3 31	1 49	1 51	1 6	25 28	2 23	22 33	1 8	23 58	0 26	16 58	0 43	2 30	1 54	30 49	14 33	17 25	17 46	15 53			n.a.
M 4	3 48	20 19	0 45	2 38	1 43	2 22	1 5	25 24	2 21	22 33	1 8	23 58	0 26	16 57	0 43	2 31	1 54	30 49	14 33	17 24	17 47	15 55			n.a.
T 5	4 11	15 49	0n23	1 44	1 35	2 53	1 3	25 20	2 20	22 33	1 8	23 58	0 26	16 56	0 43	2 32	1 54	30 49	14 32	17 24	17 48	15 58			n.a.
W 6	4 34	10 45	1 28	0 49	1 28	3 23	1 1	25 16	2 19	22 32	1 7	23 58	0 26	16 56	0 43	2 33	1 54	30 48	14 32	17 25	17 49	16 0			n.a.
T 7	4 57	5 20	2 27	0n 7	1 19	3 54	1 0	25 12	2 17	22 32	1 7	23 58	0 26	16 55	0 43	2 34	1 54	30 48	14 32	17 26	17 50	16 3			n.a.
F 8	5 20	0n11	3 20	1 4	1 11	4 25	0 58	25 8	2 16	22 31	1 7	23 58	0 26	16 54	0 43	2 35	1 54	30 48	14 31	17 28	17 51	16 6			n.a.
S 9	5 43	5 39	4 3	2 2	1 2	4 55	0 56	25 4	2 14	22 31	1 7	23 58	0 26	16 54	0 43	2 36	1 54	30 48	14 31	17 30	17 51	16 8			n.a.
S 10	6 5	10 53	4 35	3 1	0 52	5 26	0 54	25 0	2 13	22 30	1 7	23 57	0 27	16 53	0 43	2 37	1 54	30 48	14 31	17 33	17 52	16 11			n.a.
M11	6 28	15 42	4 55	4 0	0 43	5 56	0 53	24 55	2 12	22 29	1 7	23 57	0 27	16 53	0 43	2 37	1 54	30 48	14 30	17 36	17 53	16 13			n.a.
T 12	6 50	19 55	5 2	4 59	0 33	6 26	0 51	24 51	2 10	22 29	1 7	23 57	0 27	16 52	0 43	2 38	1 54	30 48	14 30	17 40	17 54	16 16			n.a.
W13	7 13	23 21	4 56	5 59	0 22	6 56	0 49	24 46	2 9	22 28	1 7	23 57	0 27	16 51	0 43	2 39	1 54	30 47	14 30	17 43	17 55	16 19			n.a.
T 14	7 35	25 48	4 37	6 59	0 12	7 26	0 47	24 41	2 8	22 27	1 6	23 57	0 27	16 51	0 43	2 40	1 54	30 47	14 29	17 46	17 56	16 21			n.a.
F 15	7 57	27 6	4 6	7 59	0 1	7 56	0 45	24 37	2 7	22 26	1 6	23 57	0 27	16 50	0 43	2 41	1 54	30 47	14 29	17 48	17 57	16 24			n.a.
S 16	8 19	27 6	3 23	8 58	0n 9	8 26	0 43	24 32	2 5	22 26	1 6	23 57	0 27	16 50	0 43	2 42	1 54	30 47	14 28	17 49	17 58	16 26			n.a.
S 17	8 41	25 46	2 30	9 57	0 20	8 55	0 41	24 27	2 4	22 25	1 6	23 56	0 27	16 49	0 43	2 43	1 54	30 47	14 28	17 50	17 58	16 29			n.a.
M18	9 2	23 6	1 29	10 55	0 30	9 24	0 39	24 21	2 3	22 24	1 6	23 56	0 27	16 49	0 43	2 44	1 54	30 46	14 28	17 50	17 59	16 31			n.a.
T 19	9 24	19 11	0 21	11 52	0 40	9 53	0 37	24 16	2 1	22 23	1 6	23 56	0 27	16 48	0 43	2 44	1 54	30 46	14 27	17 50	18 0	16 34			n.a.
W20	9 45	14 11	0s51	12 48	0 51	10 22	0 34	24 11	2 0	22 22	1 6	23 56	0 27	16 48	0 43	2 45	1 54	30 46	14 27	17 50	18 1	16 37			n.a.
T 21	10 6	8 17	2 1	13 42	1 0	10 51	0 32	24 5	1 59	22 21	1 6	23 56	0 27	16 47	0 43	2 46	1 54	30 46	14 27	17 50	18 2	16 39			n.a.
F 22	10 28	1 47	3 6	14 34	1 10	11 19	0 30	24 0	1 58	22 20	1 6	23 55	0 27	16 47	0 43	2 47	1 54	30 45	14 26	17 51	18 3	16 42			n.a.
S 23	10 48	4s59	4 1	15 25	1 19	11 47	0 28	23 54	1 56	22 19	1 5	23 55	0 27	16 46	0 43	2 48	1 54	30 45	14 26	17 53	18 4	16 44			n.a.
S 24	11 9	11 36	4 40	16 13	1 27	12 15	0 26	23 48	1 55	22 18	1 5	23 55	0 27	16 46	0 43	2 49	1 54	30 45	14 26	17 56	18 4	16 47			n.a.
M25	11 30	17 35	4 59	17 0	1 35	12 42	0 23	23 42	1 54	22 17	1 5	23 55	0 27	16 45	0 43	2 50	1 54	30 44	14 25	17 58	18 5	16 49			n.a.
T 26	11 50	22 26	4 57	17 44	1 42	13 9	0 21	23 36	1 53	22 16	1 5	23 55	0 27	16 45	0 43	2 50	1 54	30 44	14 25	18 1	18 6	16 52			n.a.
W27	12 10	25 43	4 34	18 26	1 49	13 36	0 19	23 30	1 52	22 15	1 5	23 54	0 27	16 45	0 43	2 51	1 54	30 44	14 24	18 4	18 7	16 54			n.a.
T 28	12 30	27 8	3 53	19 5	1 55	14 2	0 16	23 24	1 50	22 14	1 5	23 54	0 27	16 44	0 43	2 52	1 54	30 43	14 24	18 6	18 8	16 57			n.a.
F 29	12 50	26 40	2 59	19 42	2 0	14 29	0 14	23 18	1 49	22 12	1 5	23 54	0 27	16 44	0 43	2 53	1 54	30 43	14 24	18 7	18 9	16 59			n.a.
S 30	13n10	24s34	1s56	20n17	2n 5	14n54	0s12	23n11	1n48	22n11	1n 5	23n54	0n28	16s43	0s44	2n54	1s54	30n43	14n23	18s 8	18s10	17n 2			n.a.

Julian Day Number = 1625452.5, Delta T = 03h45m01s
Ecliptic obliquity = 23°43'44, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'53, Lahiri = - 7°34'52 Julian Calendar 1 Apr. 263 BCE == Greg. Calendar 28 March 263 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

MAY 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 17 48	5♉25'43	0♒11	23♉ 1	11♉33	25♋21	26♋30	8♋50	16♒41	11♈39	13♌24	9°R21	9♒11	1♉57	n.a.	S 1
M 2	14 21 44	6°23'03	13° 4	24°46	12°46	25°51	26°36	8°55	16°42	11°41	13°24	9♒21	9° 8	2° 4	n.a.	M 2
T 3	14 25 41	7°20'23	25°37	26°28	14° 0	26°21	26°42	9° 0	16°43	11°43	13°24	9°20	9° 5	2°11	n.a.	T 3
W 4	14 29 37	8°17'43	7♓54	28° 8	15°14	26°51	26°48	9° 5	16°44	11°45	13°24	9°18	9° 2	2°17	n.a.	W 4
T 5	14 33 34	9°15'01	19°59	29°45	16°27	27°21	26°55	9°10	16°45	11°47	13°24	9°14	8°59	2°24	n.a.	T 5
F 6	14 37 30	10°12'19	1♈57	1♊19	17°41	27°51	27° 2	9°15	16°46	11°49	13°24	9° 6	8°56	2°31	n.a.	F 6
S 7	14 41 27	11° 9'36	13°51	2°50	18°54	28°22	27° 9	9°20	16°47	11°51	13°25	8°56	8°52	2°38	n.a.	S 7
S 8	14 45 24	12° 6'53	25°42	4°18	20° 8	28°53	27°16	9°25	16°48	11°53	13°25	8°44	8°49	2°44	n.a.	S 8
M 9	14 49 20	13° 4'09	7♉34	5°43	21°22	29°24	27°23	9°30	16°49	11°55	13°25	8°30	8°46	2°51	n.a.	M 9
T 10	14 53 17	14° 1'24	19°27	7° 6	22°35	29°55	27°30	9°36	16°50	11°57	13°25	8°16	8°43	2°58	n.a.	T 10
W11	14 57 13	14°58'39	1♊24	8°25	23°49	0♌26	27°37	9°41	16°51	11°59	13°26	8° 3	8°40	3° 4	n.a.	W11
T 12	15 1 10	15°55'52	13°24	9°42	25° 3	0°57	27°45	9°47	16°51	12° 1	13°26	7°52	8°37	3°11	n.a.	T 12
F 13	15 5 6	16°53'06	25°31	10°55	26°16	1°29	27°52	9°52	16°52	12° 3	13°27	7°44	8°33	3°18	n.a.	F 13
S 14	15 9 3	17°50'18	7♋47	12° 5	27°30	2° 0	28° 0	9°58	16°53	12° 5	13°27	7°38	8°30	3°25	n.a.	S 14
S 15	15 12 59	18°47'29	20°14	13°13	28°43	2°32	28° 8	10° 4	16°53	12° 7	13°28	7°35	8°27	3°31	n.a.	S 15
M16	15 16 56	19°44'40	2♌56	14°16	29°57	3° 4	28°16	10° 9	16°54	12° 9	13°28	7°D34	8°24	3°38	n.a.	M16
T 17	15 20 53	20°41'50	15°57	15°17	1♊11	3°36	28°24	10°15	16°54	12°10	13°29	7°R34	8°21	3°45	n.a.	T 17
W18	15 24 49	21°38'59	29°20	16°14	2°24	4° 8	28°32	10°21	16°55	12°12	13°29	7°34	8°17	3°51	n.a.	W18
T 19	15 28 46	22°36'08	13♍ 8	17° 8	3°38	4°40	28°41	10°27	16°55	12°14	13°30	7°33	8°14	3°58	n.a.	T 19
F 20	15 32 42	23°33'15	27°23	17°58	4°51	5°13	28°49	10°33	16°55	12°16	13°30	7°29	8°11	4° 5	n.a.	F 20
S 21	15 36 39	24°30'22	12♎ 2	18°44	6° 5	5°45	28°58	10°39	16°56	12°18	13°31	7°23	8° 8	4°12	n.a.	S 21
S 22	15 40 35	25°27'29	27° 2	19°27	7°18	6°18	29° 6	10°45	16°56	12°19	13°32	7°15	8° 5	4°18	n.a.	S 22
M23	15 44 32	26°24'35	12♏14	20° 5	8°32	6°51	29°15	10°51	16°56	12°21	13°33	7° 6	8° 2	4°25	n.a.	M23
T 24	15 48 29	27°21'40	27°28	20°40	9°45	7°24	29°24	10°58	16°56	12°23	13°33	6°56	7°58	4°32	n.a.	T 24
W25	15 52 25	28°18'46	12♐32	21°10	10°59	7°57	29°33	11° 4	16°56	12°25	13°34	6°47	7°55	4°39	n.a.	W25
T 26	15 56 22	29°15'51	27°19	21°37	12°12	8°30	29°42	11°10	16°57	12°26	13°35	6°40	7°52	4°45	n.a.	T 26
F 27	16 0 18	0♑12'57	11♑40	21°58	13°26	9° 4	29°51	11°17	16°R57	12°28	13°36	6°35	7°49	4°52	n.a.	F 27
S 28	16 4 15	1°10'02	25°33	22°16	14°39	9°37	0♌ 0	11°23	16°57	12°30	13°37	6°33	7°46	4°59	n.a.	S 28
S 29	16 8 11	2° 7'08	8♒57	22°29	15°53	10°11	0°10	11°30	16°56	12°31	13°38	6°D32	7°43	5° 5	n.a.	S 29
M30	16 12 8	3° 4'14	21°54	22°37	17° 6	10°44	0°19	11°36	16°56	12°33	13°38	6°33	7°39	5°12	n.a.	M30
T 31	16 16 4	4♊ 1'19	4♓29	22°R41	18♊20	11♌18	0♌29	11♋43	16♒56	12♈34	13♌39	6°R33	7♒36	5♉19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	13n29	21s 9	0s48	20n49	2n 8	15n20	0s 9	23n 4	1n47	22n10	1n 5	23n53	0n28	16s43	0s44	2n54	1s54	30n42	14n23	18s 8	18s10	17n 4			n.a.
M 2	13 49	16 47	0n20	21 19	2 12	15 45	0 7	22 58	1 46	22 9	1 4	23 53	0 28	16 43	0 44	2 55	1 54	30 42	14 23	18 8	18 11	17 7			n.a.
T 3	14 8	11 48	1 25	21 46	2 14	16 10	0 5	22 51	1 45	22 7	1 4	23 53	0 28	16 42	0 44	2 56	1 54	30 42	14 22	18 8	18 12	17 9			n.a.
W 4	14 26	6 29	2 25	22 11	2 15	16 34	0 2	22 44	1 43	22 6	1 4	23 52	0 28	16 42	0 44	2 57	1 54	30 41	14 22	18 9	18 13	17 12			n.a.
T 5	14 45	1 0	3 17	22 33	2 16	16 58	0n 0	22 37	1 42	22 4	1 4	23 52	0 28	16 42	0 44	2 58	1 54	30 41	14 21	18 10	18 14	17 14			n.a.
F 6	15 3	4n27	4 0	22 54	2 16	17 21	0 3	22 30	1 41	22 3	1 4	23 52	0 28	16 42	0 44	2 58	1 54	30 40	14 21	18 12	18 15	17 17			n.a.
S 7	15 21	9 41	4 32	23 12	2 16	17 44	0 5	22 22	1 40	22 2	1 4	23 52	0 28	16 41	0 44	2 59	1 55	30 40	14 21	18 14	18 15	17 19			n.a.
S 8	15 39	14 34	4 52	23 27	2 14	18 7	0 7	22 15	1 39	22 0	1 4	23 51	0 28	16 41	0 44	3 0	1 55	30 39	14 20	18 18	18 16	17 22			n.a.
M 9	15 57	18 54	4 59	23 41	2 12	18 29	0 10	22 7	1 38	21 59	1 4	23 51	0 28	16 41	0 44	3 1	1 55	30 39	14 20	18 21	18 17	17 24			n.a.
T 10	16 14	22 30	4 54	23 53	2 9	18 50	0 12	21 59	1 37	21 57	1 4	23 51	0 28	16 41	0 44	3 1	1 55	30 39	14 19	18 25	18 18	17 27			n.a.
W11	16 32	25 11	4 35	24 2	2 6	19 11	0 15	21 51	1 36	21 56	1 3	23 50	0 28	16 40	0 44	3 2	1 55	30 38	14 19	18 28	18 19	17 29			n.a.
T 12	16 48	26 44	4 5	24 10	2 1	19 32	0 17	21 43	1 35	21 54	1 3	23 50	0 28	16 40	0 44	3 3	1 55	30 38	14 19	18 31	18 20	17 31			n.a.
F 13	17 5	27 2	3 23	24 16	1 56	19 52	0 19	21 35	1 33	21 52	1 3	23 49	0 28	16 40	0 44	3 4	1 55	30 37	14 18	18 33	18 20	17 34			n.a.
S 14	17 21	26 0	2 30	24 20	1 50	20 11	0 22	21 27	1 32	21 51	1 3	23 49	0 28	16 40	0 44	3 4	1 55	30 37	14 18	18 35	18 21	17 36			n.a.
S 15	17 37	23 40	1 30	24 22	1 43	20 30	0 24	21 19	1 31	21 49	1 3	23 49	0 28	16 40	0 44	3 5	1 55	30 36	14 18	18 36	18 22	17 39			n.a.
M16	17 53	20 8	0 25	24 23	1 36	20 49	0 26	21 10	1 30	21 47	1 3	23 48	0 28	16 40	0 44	3 6	1 55	30 36	14 17	18 36	18 23	17 41			n.a.
T 17	18 9	15 33	0s44	24 22	1 28	21 7	0 29	21 2	1 29	21 45	1 3	23 48	0 28	16 40	0 44	3 6	1 55	30 35	14 17	18 36	18 24	17 44			n.a.
W18	18 24	10 5	1 53	24 19	1 19	21 24	0 31	20 53	1 28	21 44	1 3	23 48	0 28	16 39	0 44	3 7	1 55	30 34	14 16	18 36	18 25	17 46			n.a.
T 19	18 39	4 0	2 56	24 15	1 10	21 41	0 33	20 44	1 27	21 42	1 3	23 47	0 28	16 39	0 44	3 8	1 55	30 34	14 16	18 36	18 26	17 48			n.a.
F 20	18 53	2s29	3 52	24 10	1 0	21 57	0 36	20 35	1 26	21 40	1 3	23 47	0 29	16 39	0 44	3 9	1 55	30 33	14 16	18 37	18 26	17 51			n.a.
S 21	19 7	8 59	4 33	24 3	0 49	22 12	0 38	20 26	1 25	21 38	1 3	23 46	0 29	16 39	0 44	3 9	1 55	30 33	14 15	18 39	18 27	17 53			n.a.
S 22	19 21	15 8	4 57	23 55	0 37	22 27	0 40	20 17	1 24	21 36	1 2	23 46	0 29	16 39	0 44	3 10	1 55	30 32	14 15	18 41	18 28	17 56			n.a.
M23	19 35	20 27	5 1	23 46	0 25	22 41	0 42	20 7	1 23	21 34	1 2	23 45	0 29	16 39	0 44	3 10	1 55	30 32	14 15	18 43	18 29	17 58			n.a.
T 24	19 48	24 25	4 43	23 36	0 13	22 55	0 45	19 58	1 22	21 32	1 2	23 45	0 29	16 39	0 44	3 11	1 55	30 31	14 14	18 46	18 30	18 0			n.a.
W25	20 1	26 38	4 6	23 25	0s 1	23 8	0 47	19 48	1 21	21 30	1 2	23 44	0 29	16 39	0 44	3 12	1 55	30 30	14 14	18 48	18 30	18 3			n.a.
T 26	20 14	26 54	3 12	23 13	0 14	23 20	0 49	19 38	1 20	21 28	1 2	23 44	0 29	16 39	0 45	3 12	1 55	30 30	14 13	18 50	18 31	18 5			n.a.
F 27	20 26	25 20	2 8	23 0	0 29	23 32	0 51	19 28	1 19	21 26	1 2	23 43	0 29	16 39	0 45	3 13	1 55	30 29	14 13	18 51	18 32	18 8			n.a.
S 28	20 38	22 15	0 58	22 47	0 43	23 43	0 53	19 18	1 18	21 24	1 2	23 43	0 29	16 39	0 45	3 14	1 55	30 29	14 13	18 52	18 33	18 10			n.a.
S 29	20 50	18 2	0n13	22 33	0 58	23 53	0 55	19 8	1 17	21 22	1 2	23 42	0 29	16 39	0 45	3 14	1 55	30 28	14 12	18 52	18 34	18 12			n.a.
M30	21 1	13 6	1 21	22 18	1 14	24 2	0 57	18 58	1 16	21 20	1 2	23 42	0 29	16 39	0 45	3 15	1 55	30 27	14 12	18 52	18 35	18 15			n.a.
T 31	21n12	7s46	2n23	22n 2	1s29	24n11	0n59	18n48	1n15	21n18	1n 2	23n41	0n29	16s39	0s45	3n15	1s56	30n27	14n12	18s52	18s35	18n17			n.a.

Julian Day Number = 1625482.5, Delta T = 03h45m00s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'49, Lahiri = - 7°34'48 Julian Calendar 1 May 263 BCE == Greg. Calendar 27 Apr. 263 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

JUNE 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 20 1	4♊58'26	16♓46	22°R40	19♊33	11♌52	0♌38	11♋49	16°R56	12♈36	13♌40	6°R33	7♒33	5♉26	n.a.	W 1
T 2	16 23 58	5°55'32	28°51	22♊35	20°47	12°26	0°48	11°56	16♒56	12°37	13°41	6♒30	7°30	5°32	n.a.	T 2
F 3	16 27 54	6°52'39	10♈47	22°24	22° 0	13° 0	0°58	12° 3	16°55	12°39	13°42	6°25	7°27	5°39	n.a.	F 3
S 4	16 31 51	7°49'46	22°39	22°10	23°14	13°35	1° 8	12°10	16°55	12°40	13°44	6°18	7°23	5°46	n.a.	S 4
S 5	16 35 47	8°46'53	4♉30	21°51	24°27	14° 9	1°18	12°16	16°54	12°42	13°45	6° 9	7°20	5°53	n.a.	S 5
M 6	16 39 44	9°44'01	16°23	21°29	25°41	14°44	1°28	12°23	16°54	12°43	13°46	5°59	7°17	5°59	n.a.	M 6
T 7	16 43 40	10°41'09	28°21	21° 2	26°54	15°18	1°38	12°30	16°54	12°45	13°47	5°48	7°14	6° 6	n.a.	T 7
W 8	16 47 37	11°38'17	10♊24	20°32	28° 8	15°53	1°49	12°37	16°53	12°46	13°48	5°38	7°11	6°13	n.a.	W 8
T 9	16 51 33	12°35'26	22°34	20° 0	29°21	16°28	1°59	12°44	16°52	12°47	13°49	5°30	7° 8	6°19	n.a.	T 9
F 10	16 55 30	13°32'35	4♋53	19°24	0♋35	17° 3	2°10	12°51	16°52	12°49	13°51	5°24	7° 4	6°26	n.a.	F 10
S 11	16 59 27	14°29'44	17°21	18°47	1°48	17°38	2°20	12°58	16°51	12°50	13°52	5°20	7° 1	6°33	n.a.	S 11
S 12	17 3 23	15°26'54	0♌ 0	18° 9	3° 2	18°13	2°31	13° 5	16°50	12°51	13°53	5°D19	6°58	6°40	n.a.	S 12
M13	17 7 20	16°24'03	12°53	17°30	4°15	18°48	2°42	13°12	16°49	12°52	13°54	5°19	6°55	6°46	n.a.	M13
T 14	17 11 16	17°21'13	26° 0	16°50	5°29	19°24	2°52	13°19	16°49	12°54	13°56	5°20	6°52	6°53	n.a.	T 14
W15	17 15 13	18°18'23	9♍26	16°12	6°42	19°59	3° 3	13°27	16°48	12°55	13°57	5°21	6°49	7° 0	n.a.	W15
T 16	17 19 9	19°15'33	23°11	15°35	7°55	20°35	3°14	13°34	16°47	12°56	13°58	5°R21	6°45	7° 7	n.a.	T 16
F 17	17 23 6	20°12'43	7♎16	15° 0	9° 9	21°10	3°25	13°41	16°46	12°57	14° 0	5°20	6°42	7°13	n.a.	F 17
S 18	17 27 3	21° 9'54	21°41	14°27	10°22	21°46	3°36	13°48	16°45	12°58	14° 1	5°17	6°39	7°20	n.a.	S 18
S 19	17 30 59	22° 7'05	6♏22	13°58	11°36	22°22	3°47	13°56	16°44	12°59	14° 3	5°12	6°36	7°27	n.a.	S 19
M20	17 34 56	23° 4'16	21°13	13°33	12°49	22°58	3°59	14° 3	16°43	13° 0	14° 4	5° 6	6°33	7°33	n.a.	M20
T 21	17 38 52	24° 1'28	6♐ 9	13°12	14° 2	23°34	4°10	14°10	16°42	13° 1	14° 6	5° 0	6°29	7°40	n.a.	T 21
W22	17 42 49	24°58'40	20°58	12°55	15°16	24°10	4°21	14°18	16°40	13° 2	14° 7	4°55	6°26	7°47	n.a.	W22
T 23	17 46 45	25°55'54	5♑34	12°44	16°29	24°46	4°33	14°25	16°39	13° 3	14° 9	4°50	6°23	7°54	n.a.	T 23
F 24	17 50 42	26°53'08	19°50	12°39	17°42	25°23	4°44	14°33	16°38	13° 4	14°10	4°48	6°20	8° 0	n.a.	F 24
S 25	17 54 38	27°50'23	3♒42	12°D38	18°56	25°59	4°56	14°40	16°37	13° 5	14°12	4°D47	6°17	8° 7	n.a.	S 25
S 26	17 58 35	28°47'39	17° 7	12°44	20° 9	26°36	5° 7	14°47	16°35	13° 6	14°14	4°47	6°14	8°14	n.a.	S 26
M27	18 2 32	29°44'56	0♓ 8	12°56	21°22	27°12	5°19	14°55	16°34	13° 7	14°15	4°49	6°10	8°21	n.a.	M27
T 28	18 6 28	0♋42'14	12°47	13°14	22°36	27°49	5°31	15° 2	16°32	13° 7	14°17	4°50	6° 7	8°27	n.a.	T 28
W29	18 10 25	1°39'33	25° 7	13°38	23°49	28°26	5°42	15°10	16°31	13° 8	14°18	4°51	6° 4	8°34	n.a.	W29
T 30	18 14 21	2♋36'53	7♈14	14♊ 8	25♋ 2	29♌ 3	5♌54	15♋17	16♒29	13♈ 9	14♌20	4°R51	6♒ 1	8♉41	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n23	2s16	3n17	21n46	1s45	24n19	1n 1	18n37	1n14	21n16	1n 2	23n41	0n29	16s40	0s45	3n16	1s56	30n26	14n11	18s52	18s36	18n19		n.a.
T 2	21 33	3n13	4 2	21 30	2 1	24 27	1 3	18 27	1 13	21 13	1 2	23 40	0 29	16 40	0 45	3 16	1 56	30 26	14 11	18 52	18 37	18 22		n.a.
F 3	21 43	8 31	4 35	21 14	2 17	24 34	1 5	18 16	1 12	21 11	1 2	23 40	0 29	16 40	0 45	3 17	1 56	30 25	14 11	18 54	18 38	18 24		n.a.
S 4	21 53	13 29	4 56	20 58	2 32	24 40	1 6	18 5	1 11	21 9	1 2	23 39	0 29	16 40	0 45	3 18	1 56	30 24	14 10	18 55	18 39	18 26		n.a.
S 5	22 2	17 56	5 4	20 41	2 48	24 45	1 8	17 54	1 10	21 7	1 1	23 39	0 29	16 40	0 45	3 18	1 56	30 24	14 10	18 58	18 40	18 29		n.a.
M 6	22 11	21 42	4 59	20 25	3 3	24 49	1 10	17 43	1 9	21 4	1 1	23 38	0 30	16 40	0 45	3 19	1 56	30 23	14 10	19 0	18 40	18 31		n.a.
T 7	22 19	24 36	4 41	20 9	3 17	24 53	1 12	17 32	1 8	21 2	1 1	23 37	0 30	16 41	0 45	3 19	1 56	30 22	14 9	19 3	18 41	18 33		n.a.
W 8	22 27	26 25	4 11	19 53	3 30	24 56	1 13	17 20	1 7	20 59	1 1	23 37	0 30	16 41	0 45	3 20	1 56	30 22	14 9	19 5	18 42	18 36		n.a.
T 9	22 35	26 59	3 28	19 38	3 43	24 58	1 15	17 9	1 6	20 57	1 1	23 36	0 30	16 41	0 45	3 20	1 56	30 21	14 9	19 7	18 43	18 38		n.a.
F 10	22 42	26 14	2 36	19 24	3 55	25 0	1 16	16 57	1 5	20 55	1 1	23 36	0 30	16 41	0 45	3 20	1 56	30 20	14 8	19 9	18 44	18 40		n.a.
S 11	22 49	24 9	1 35	19 11	4 5	25 1	1 18	16 45	1 4	20 52	1 1	23 35	0 30	16 41	0 45	3 21	1 56	30 19	14 8	19 10	18 44	18 43		n.a.
S 12	22 55	20 51	0 29	18 58	4 14	25 1	1 19	16 33	1 3	20 50	1 1	23 34	0 30	16 42	0 45	3 21	1 56	30 19	14 8	19 10	18 45	18 45		n.a.
M13	23 1	16 30	0s41	18 47	4 22	25 0	1 21	16 22	1 3	20 47	1 1	23 34	0 30	16 42	0 45	3 22	1 56	30 18	14 7	19 10	18 46	18 47		n.a.
T 14	23 7	11 17	1 49	18 37	4 28	24 59	1 22	16 9	1 2	20 44	1 1	23 33	0 30	16 42	0 45	3 22	1 56	30 17	14 7	19 10	18 47	18 49		n.a.
W15	23 12	5 27	2 53	18 28	4 33	24 56	1 23	15 57	1 1	20 42	1 1	23 32	0 30	16 43	0 45	3 23	1 56	30 17	14 7	19 10	18 48	18 52		n.a.
T 16	23 17	0s46	3 49	18 21	4 36	24 53	1 24	15 45	1 0	20 39	1 1	23 32	0 30	16 43	0 45	3 23	1 56	30 16	14 7	19 10	18 48	18 54		n.a.
F 17	23 22	7 5	4 33	18 16	4 38	24 50	1 25	15 32	0 59	20 37	1 1	23 31	0 30	16 43	0 45	3 23	1 56	30 15	14 6	19 10	18 49	18 56		n.a.
S 18	23 26	13 10	5 0	18 13	4 38	24 45	1 26	15 20	0 58	20 34	1 1	23 30	0 30	16 44	0 45	3 24	1 57	30 15	14 6	19 11	18 50	18 58		n.a.
S 19	23 29	18 39	5 9	18 11	4 36	24 40	1 27	15 7	0 57	20 31	1 1	23 30	0 30	16 44	0 45	3 24	1 57	30 14	14 6	19 12	18 51	19 1		n.a.
M20	23 33	23 3	4 57	18 11	4 33	24 34	1 28	14 55	0 56	20 29	1 1	23 29	0 30	16 44	0 45	3 24	1 57	30 13	14 5	19 13	18 52	19 3		n.a.
T 21	23 35	25 56	4 25	18 14	4 28	24 27	1 29	14 42	0 55	20 26	1 1	23 28	0 30	16 45	0 46	3 25	1 57	30 12	14 5	19 15	18 53	19 5		n.a.
W22	23 38	27 0	3 35	18 18	4 22	24 20	1 30	14 29	0 54	20 23	1 1	23 27	0 31	16 45	0 46	3 25	1 57	30 12	14 5	19 16	18 53	19 7		n.a.
T 23	23 40	26 8	2 32	18 24	4 14	24 12	1 31	14 16	0 53	20 20	1 1	23 27	0 31	16 45	0 46	3 25	1 57	30 11	14 5	19 17	18 54	19 10		n.a.
F 24	23 41	23 34	1 20	18 32	4 5	24 3	1 32	14 2	0 53	20 17	1 1	23 26	0 31	16 46	0 46	3 26	1 57	30 10	14 4	19 18	18 55	19 12		n.a.
S 25	23 43	19 39	0 6	18 41	3 56	23 54	1 32	13 49	0 52	20 15	1 1	23 25	0 31	16 46	0 46	3 26	1 57	30 9	14 4	19 18	18 56	19 14		n.a.
S 26	23 43	14 50	1n 7	18 53	3 45	23 43	1 33	13 36	0 51	20 12	1 0	23 24	0 31	16 47	0 46	3 26	1 57	30 9	14 4	19 18	18 57	19 16		n.a.
M27	23 44	9 28	2 14	19 6	3 33	23 32	1 33	13 22	0 50	20 9	1 0	23 24	0 31	16 47	0 46	3 27	1 57	30 8	14 4	19 18	18 57	19 19		n.a.
T 28	23 44	3 53	3 12	19 21	3 21	23 21	1 34	13 8	0 49	20 6	1 0	23 23	0 31	16 48	0 46	3 27	1 57	30 7	14 3	19 17	18 58	19 21		n.a.
W29	23 43	1n43	4 0	19 36	3 8	23 9	1 34	12 55	0 48	20 3	1 0	23 22	0 31	16 48	0 46	3 27	1 57	30 6	14 3	19 17	18 59	19 23		n.a.
T 30	23n42	7n 8	4n37	19n54	2s54	22n56	1n34	12n41	0n47	20n 0	1n 0	23n21	0n31	16s49	0s46	3n27	1s57	30n 6	14n 3	19s17	19s 0	19n25		n.a.

Julian Day Number = 1625513.5, Delta T = 03h44m59s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'45, Lahiri = - 7°34'44 Julian Calendar 1 June 263 BCE == Greg. Calendar 28 May 263 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

JULY 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 18 18	3♋34'15	19♈11	14♊44	26♋15	29♌40	6♌ 6	15♋25	16°R28	13♈10	14♌22	4°R50	5♒58	8♉47	n.a.	F 1
S 2	18 22 14	4°31'38	1♉ 4	15°27	27°29	0♍17	6°18	15°33	16♒26	13°10	14°24	4♒48	5°55	8°54	n.a.	S 2
S 3	18 26 11	5°29'02	12°57	16°15	28°42	0°54	6°30	15°40	16°25	13°11	14°25	4°44	5°51	9° 1	n.a.	S 3
M 4	18 30 7	6°26'27	24°53	17°10	29°55	1°31	6°42	15°48	16°23	13°12	14°27	4°40	5°48	9° 8	n.a.	M 4
T 5	18 34 4	7°23'54	6♊55	18°10	1♌ 8	2° 9	6°54	15°55	16°21	13°12	14°29	4°35	5°45	9°14	n.a.	T 5
W 6	18 38 1	8°21'22	19° 7	19°16	2°22	2°46	7° 6	16° 3	16°20	13°13	14°31	4°31	5°42	9°21	n.a.	W 6
T 7	18 41 57	9°18'52	1♋28	20°28	3°35	3°24	7°18	16°11	16°18	13°13	14°32	4°27	5°39	9°28	n.a.	T 7
F 8	18 45 54	10°16'22	14° 2	21°45	4°48	4° 1	7°30	16°18	16°16	13°14	14°34	4°24	5°35	9°34	n.a.	F 8
S 9	18 49 50	11°13'54	26°48	23° 7	6° 1	4°39	7°43	16°26	16°14	13°14	14°36	4°23	5°32	9°41	n.a.	S 9
S 10	18 53 47	12°11'27	9♌47	24°34	7°14	5°17	7°55	16°34	16°13	13°14	14°38	4°D23	5°29	9°48	n.a.	S 10
M11	18 57 43	13° 9'01	22°58	26° 6	8°28	5°55	8° 7	16°41	16°11	13°15	14°40	4°24	5°26	9°55	n.a.	M11
T 12	19 1 40	14° 6'36	6♍23	27°43	9°41	6°33	8°20	16°49	16° 9	13°15	14°42	4°25	5°23	10° 1	n.a.	T 12
W13	19 5 37	15° 4'12	20° 1	29°23	10°54	7°11	8°32	16°57	16° 7	13°15	14°44	4°27	5°20	10° 8	n.a.	W13
T 14	19 9 33	16° 1'50	3♎52	1♋ 7	12° 7	7°49	8°45	17° 4	16° 5	13°16	14°46	4°28	5°16	10°15	n.a.	T 14
F 15	19 13 30	16°59'28	17°56	2°55	13°20	8°27	8°57	17°12	16° 3	13°16	14°48	4°R28	5°13	10°22	n.a.	F 15
S 16	19 17 26	17°57'07	2♏10	4°45	14°33	9° 6	9°10	17°20	16° 1	13°16	14°50	4°27	5°10	10°28	n.a.	S 16
S 17	19 21 23	18°54'48	16°33	6°38	15°46	9°44	9°22	17°27	15°59	13°16	14°51	4°26	5° 7	10°35	n.a.	S 17
M18	19 25 19	19°52'30	1♐ 2	8°33	16°59	10°23	9°35	17°35	15°57	13°16	14°53	4°25	5° 4	10°42	n.a.	M18
T 19	19 29 16	20°50'13	15°30	10°30	18°12	11° 1	9°48	17°43	15°55	13°17	14°55	4°23	5° 1	10°48	n.a.	T 19
W20	19 33 12	21°47'57	29°54	12°28	19°25	11°40	10° 0	17°50	15°53	13°17	14°57	4°21	4°57	10°55	n.a.	W20
T 21	19 37 9	22°45'43	14♑ 7	14°28	20°38	12°19	10°13	17°58	15°50	13°17	14°59	4°20	4°54	11° 2	n.a.	T 21
F 22	19 41 6	23°43'31	28° 6	16°27	21°51	12°57	10°26	18° 6	15°48	13°R17	15° 2	4°D20	4°51	11° 9	n.a.	F 22
S 23	19 45 2	24°41'20	11♒46	18°28	23° 4	13°36	10°38	18°13	15°46	13°17	15° 4	4°20	4°48	11°15	n.a.	S 23
S 24	19 48 59	25°39'10	25° 6	20°28	24°17	14°15	10°51	18°21	15°44	13°17	15° 6	4°20	4°45	11°22	n.a.	S 24
M25	19 52 55	26°37'02	8♓ 4	22°28	25°30	14°54	11° 4	18°28	15°42	13°17	15° 8	4°21	4°41	11°29	n.a.	M25
T 26	19 56 52	27°34'56	20°44	24°28	26°43	15°34	11°17	18°36	15°39	13°16	15°10	4°22	4°38	11°36	n.a.	T 26
W27	20 0 48	28°32'52	3♈ 6	26°27	27°56	16°13	11°30	18°44	15°37	13°16	15°12	4°22	4°35	11°42	n.a.	W27
T 28	20 4 45	29°30'50	15°14	28°26	29° 9	16°52	11°42	18°51	15°35	13°16	15°14	4°23	4°32	11°49	n.a.	T 28
F 29	20 8 41	0♌28'50	27°13	0♌24	0♍21	17°32	11°55	18°59	15°33	13°16	15°16	4°R23	4°29	11°56	n.a.	F 29
S 30	20 12 38	1°26'52	9♉ 7	2°21	1°34	18°11	12° 8	19° 6	15°30	13°16	15°18	4°23	4°26	12° 2	n.a.	S 30
S 31	20 16 35	2♌24'56	21♉ 0	4♌17	2♍47	18♍51	12♌21	19♋14	15♒28	13♈15	15♌20	4♒23	4♒22	12♉ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n41	12n13	5n 1	20n12	2s40	22n42	1n34	12n27	0n46	19n57	1n 0	23n21	0n31	16s49	0s46	3n27	1s57	30n 5	14n 3	19s17	19s 1	19n27		n.a.
S 2	23 39	16 50	5 12	20 31	2 25	22 28	1 35	12 13	0 45	19 54	1 0	23 20	0 31	16 50	0 46	3 28	1 57	30 4	14 2	19 18	19 1	19 30		n.a.
S 3	23 37	20 48	5 9	20 51	2 11	22 13	1 35	11 59	0 45	19 51	1 0	23 19	0 31	16 50	0 46	3 28	1 58	30 3	14 2	19 19	19 2	19 32		n.a.
M 4	23 34	23 57	4 53	21 11	1 56	21 57	1 35	11 45	0 44	19 48	1 0	23 18	0 31	16 51	0 46	3 28	1 58	30 3	14 2	19 20	19 3	19 34		n.a.
T 5	23 31	26 4	4 24	21 31	1 41	21 41	1 35	11 30	0 43	19 45	1 0	23 17	0 32	16 51	0 46	3 28	1 58	30 2	14 2	19 21	19 4	19 36		n.a.
W 6	23 28	26 59	3 43	21 52	1 26	21 24	1 34	11 16	0 42	19 41	1 0	23 16	0 32	16 52	0 46	3 28	1 58	30 1	14 2	19 22	19 4	19 38		n.a.
T 7	23 24	26 34	2 51	22 12	1 11	21 7	1 34	11 1	0 41	19 38	1 0	23 16	0 32	16 52	0 46	3 28	1 58	30 0	14 1	19 23	19 5	19 40		n.a.
F 8	23 20	24 48	1 49	22 32	0 56	20 49	1 34	10 47	0 40	19 35	1 0	23 15	0 32	16 53	0 46	3 29	1 58	30 0	14 1	19 23	19 6	19 43		n.a.
S 9	23 15	21 44	0 42	22 51	0 42	20 30	1 33	10 32	0 39	19 32	1 0	23 14	0 32	16 53	0 46	3 29	1 58	29 59	14 1	19 24	19 7	19 45		n.a.
S 10	23 10	17 32	0s30	23 9	0 28	20 11	1 33	10 17	0 39	19 29	1 0	23 13	0 32	16 54	0 46	3 29	1 58	29 58	14 1	19 24	19 8	19 47		n.a.
M11	23 4	12 26	1 41	23 26	0 14	19 51	1 32	10 2	0 38	19 25	1 0	23 12	0 32	16 55	0 46	3 29	1 58	29 57	14 1	19 24	19 8	19 49		n.a.
T 12	22 58	6 41	2 47	23 41	0 1	19 31	1 32	9 47	0 37	19 22	1 0	23 11	0 32	16 55	0 46	3 29	1 58	29 57	14 1	19 23	19 9	19 51		n.a.
W13	22 52	0 33	3 46	23 55	0n11	19 10	1 31	9 32	0 36	19 19	1 0	23 10	0 32	16 56	0 46	3 29	1 58	29 56	14 0	19 23	19 10	19 53		n.a.
T 14	22 45	5s42	4 32	24 7	0 23	18 49	1 30	9 17	0 35	19 16	1 0	23 9	0 32	16 56	0 46	3 29	1 58	29 55	14 0	19 23	19 11	19 55		n.a.
F 15	22 38	11 46	5 2	24 16	0 34	18 27	1 30	9 2	0 34	19 12	1 0	23 9	0 32	16 57	0 46	3 29	1 58	29 54	14 0	19 23	19 12	19 57		n.a.
S 16	22 30	17 17	5 15	24 23	0 45	18 5	1 29	8 46	0 34	19 9	1 0	23 8	0 32	16 58	0 46	3 29	1 58	29 54	14 0	19 23	19 12	20 0		n.a.
S 17	22 23	21 54	5 8	24 28	0 54	17 42	1 28	8 31	0 33	19 5	1 0	23 7	0 33	16 58	0 46	3 29	1 58	29 53	14 0	19 23	19 13	20 2		n.a.
M18	22 14	25 13	4 42	24 30	1 3	17 18	1 27	8 15	0 32	19 2	1 0	23 6	0 33	16 59	0 46	3 29	1 59	29 52	14 0	19 23	19 14	20 4		n.a.
T 19	22 5	26 52	3 58	24 30	1 11	16 55	1 26	8 0	0 31	18 59	1 0	23 5	0 33	17 0	0 46	3 29	1 59	29 51	14 0	19 24	19 15	20 6		n.a.
W20	21 56	26 43	2 59	24 26	1 19	16 30	1 24	7 44	0 30	18 55	1 0	23 4	0 33	17 1	0 46	3 29	1 59	29 51	14 0	19 24	19 15	20 8		n.a.
T 21	21 47	24 47	1 49	24 20	1 25	16 6	1 23	7 29	0 29	18 52	1 0	23 3	0 33	17 1	0 46	3 29	1 59	29 50	13 59	19 24	19 16	20 10		n.a.
F 22	21 37	21 21	0 34	24 12	1 30	15 41	1 22	7 13	0 29	18 48	1 0	23 2	0 33	17 2	0 46	3 29	1 59	29 49	13 59	19 25	19 17	20 12		n.a.
S 23	21 27	16 49	0n41	24 1	1 35	15 15	1 20	6 57	0 28	18 45	1 0	23 1	0 33	17 2	0 46	3 29	1 59	29 49	13 59	19 25	19 18	20 14		n.a.
S 24	21 16	11 33	1 52	23 47	1 39	14 49	1 19	6 41	0 27	18 41	1 0	23 0	0 33	17 3	0 46	3 29	1 59	29 48	13 59	19 24	19 19	20 16		n.a.
M25	21 5	5 55	2 56	23 31	1 42	14 23	1 17	6 25	0 26	18 38	1 0	22 59	0 33	17 4	0 46	3 29	1 59	29 47	13 59	19 24	19 19	20 18		n.a.
T 26	20 54	0 12	3 50	23 12	1 45	13 57	1 16	6 9	0 25	18 34	1 0	22 58	0 33	17 4	0 46	3 29	1 59	29 46	13 59	19 24	19 20	20 20		n.a.
W27	20 42	5n23	4 31	22 51	1 46	13 30	1 14	5 53	0 25	18 31	1 0	22 57	0 33	17 5	0 46	3 28	1 59	29 46	13 59	19 24	19 21	20 22		n.a.
T 28	20 30	10 39	4 59	22 28	1 47	13 2	1 12	5 37	0 24	18 27	1 0	22 56	0 34	17 6	0 46	3 28	1 59	29 45	13 59	19 24	19 22	20 24		n.a.
F 29	20 17	15 29	5 14	22 3	1 47	12 35	1 10	5 20	0 23	18 23	1 0	22 55	0 34	17 6	0 46	3 28	1 59	29 44	13 59	19 24	19 22	20 26		n.a.
S 30	20 5	19 41	5 16	21 37	1 47	12 7	1 8	5 4	0 22	18 20	1 0	22 54	0 34	17 7	0 46	3 28	1 59	29 43	13 59	19 24	19 23	20 28		n.a.
S 31	19n52	23n 6	5n 4	21n 8	1n46	11n38	1n 7	4n48	0n21	18n16	1n 0	22n53	0n34	17s 8	0s46	3n28	1s59	29n43	13n59	19s24	19s24	20n30		n.a.

Julian Day Number = 1625543.5, Delta T = 03h44m58s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'40, Lahiri = - 7°34'40 Julian Calendar 1 July 263 BCE == Greg. Calendar 27 June 263 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

AUGUST 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 20 31	3♌23'02	2♊58	6♌11	4♍ 0	19♍30	12♌34	19♋21	15°R26	13°R15	15♌22	4°R23	4♒19	12♉16	n.a.	M 1
T 2	20 24 28	4°21'10	15° 3	8° 5	5°12	20°10	12°47	19°29	15♒23	13♈15	15°24	4°D23	4°16	12°23	n.a.	T 2
W 3	20 28 24	5°19'20	27°21	9°57	6°25	20°50	13° 0	19°36	15°21	13°14	15°26	4♒23	4°13	12°29	n.a.	W 3
T 4	20 32 21	6°17'33	9♋53	11°49	7°38	21°30	13°13	19°44	15°19	13°14	15°29	4°23	4°10	12°36	n.a.	T 4
F 5	20 36 17	7°15'47	22°41	13°39	8°50	22°10	13°26	19°51	15°16	13°13	15°31	4°23	4° 7	12°43	n.a.	F 5
S 6	20 40 14	8°14'03	5♌46	15°28	10° 3	22°50	13°39	19°59	15°14	13°13	15°33	4°R23	4° 3	12°50	n.a.	S 6
S 7	20 44 10	9°12'21	19° 8	17°16	11°16	23°30	13°52	20° 6	15°11	13°12	15°35	4°23	4° 0	12°56	n.a.	S 7
M 8	20 48 7	10°10'40	2♍45	19° 2	12°28	24°10	14° 5	20°14	15° 9	13°12	15°37	4°22	3°57	13° 3	n.a.	M 8
T 9	20 52 4	11° 9'02	16°36	20°48	13°41	24°50	14°18	20°21	15° 7	13°11	15°39	4°22	3°54	13°10	n.a.	T 9
W10	20 56 0	12° 7'25	0♎37	22°32	14°53	25°31	14°31	20°28	15° 4	13°11	15°41	4°21	3°51	13°16	n.a.	W10
T 11	20 59 57	13° 5'50	14°45	24°15	16° 6	26°11	14°44	20°36	15° 2	13°10	15°44	4°20	3°47	13°23	n.a.	T 11
F 12	21 3 53	14° 4'17	28°57	25°57	17°18	26°52	14°57	20°43	14°59	13° 9	15°46	4°19	3°44	13°30	n.a.	F 12
S 13	21 7 50	15° 2'45	13♏11	27°38	18°31	27°32	15°10	20°50	14°57	13° 9	15°48	4°D19	3°41	13°37	n.a.	S 13
S 14	21 11 46	16° 1'15	27°24	29°18	19°43	28°13	15°23	20°57	14°55	13° 8	15°50	4°19	3°38	13°43	n.a.	S 14
M15	21 15 43	16°59'47	11♐33	0♍57	20°56	28°54	15°36	21° 5	14°52	13° 7	15°52	4°20	3°35	13°50	n.a.	M15
T 16	21 19 39	17°58'21	25°37	2°34	22° 8	29°34	15°49	21°12	14°50	13° 6	15°54	4°21	3°32	13°57	n.a.	T 16
W17	21 23 36	18°56'56	9♑33	4°11	23°20	0♎15	16° 2	21°19	14°47	13° 6	15°57	4°22	3°28	14° 3	n.a.	W17
T 18	21 27 33	19°55'33	23°18	5°46	24°32	0°56	16°15	21°26	14°45	13° 5	15°59	4°23	3°25	14°10	n.a.	T 18
F 19	21 31 29	20°54'13	6♒52	7°21	25°45	1°37	16°28	21°33	14°43	13° 4	16° 1	4°R23	3°22	14°17	n.a.	F 19
S 20	21 35 26	21°52'54	20°12	8°54	26°57	2°19	16°41	21°40	14°40	13° 3	16° 3	4°22	3°19	14°24	n.a.	S 20
S 21	21 39 22	22°51'37	3♓17	10°27	28° 9	3° 0	16°54	21°47	14°38	13° 2	16° 5	4°21	3°16	14°30	n.a.	S 21
M22	21 43 19	23°50'22	16° 6	11°58	29°21	3°41	17° 7	21°54	14°35	13° 1	16° 7	4°18	3°12	14°37	n.a.	M22
T 23	21 47 15	24°49'09	28°40	13°29	0♎33	4°22	17°20	22° 1	14°33	13° 0	16° 9	4°15	3° 9	14°44	n.a.	T 23
W24	21 51 12	25°47'59	11♈ 0	14°58	1°45	5° 4	17°33	22° 7	14°31	12°59	16°12	4°12	3° 6	14°51	n.a.	W24
T 25	21 55 8	26°46'51	23° 8	16°26	2°57	5°45	17°46	22°14	14°28	12°58	16°14	4° 9	3° 3	14°57	n.a.	T 25
F 26	21 59 5	27°45'45	5♉ 6	17°54	4° 9	6°27	17°59	22°21	14°26	12°57	16°16	4° 6	3° 0	15° 4	n.a.	F 26
S 27	22 3 1	28°44'42	17° 0	19°20	5°21	7° 8	18°12	22°28	14°24	12°56	16°18	4° 4	2°57	15°11	n.a.	S 27
S 28	22 6 58	29°43'41	28°52	20°46	6°33	7°50	18°25	22°34	14°21	12°55	16°20	4°D 4	2°53	15°17	n.a.	S 28
M29	22 10 55	0♍42'42	10♊49	22°10	7°45	8°32	18°38	22°41	14°19	12°54	16°22	4° 4	2°50	15°24	n.a.	M29
T 30	22 14 51	1°41'46	22°54	23°33	8°57	9°14	18°51	22°48	14°17	12°52	16°24	4° 5	2°47	15°31	n.a.	T 30
W31	22 18 48	2♍40'53	5♋13	24♍55	10♎ 8	9♎56	19♌ 4	22♋54	14♒15	12♈51	16♌26	4♒ 7	2♒44	15♉38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	19n38	25n33	4n38	20n38	1n44	11n10	1n 4	4n31	0n20	18n12	1n 1	22n52	0n34	17s 9	0s46	3n28	1s59	29n42	13n59	19s24	19s25	20n32			n.a.
T 2	19 24	26 52	4 1	20 7	1 42	10 41	1 2	4 15	0 20	18 9	1 1	22 51	0 34	17 9	0 46	3 27	2 0	29 41	13 59	19 24	19 25	20 35			n.a.
W 3	19 10	26 53	3 11	19 34	1 40	10 12	1 0	3 58	0 19	18 5	1 1	22 50	0 34	17 10	0 46	3 27	2 0	29 41	13 59	19 24	19 26	20 37			n.a.
T 4	18 56	25 33	2 12	19 0	1 37	9 42	0 58	3 41	0 18	18 1	1 1	22 49	0 34	17 11	0 47	3 27	2 0	29 40	13 59	19 24	19 27	20 39			n.a.
F 5	18 41	22 51	1 4	18 25	1 33	9 13	0 56	3 25	0 17	17 58	1 1	22 48	0 34	17 11	0 47	3 27	2 0	29 39	13 59	19 24	19 28	20 41			n.a.
S 6	18 26	18 56	0s 8	17 49	1 30	8 43	0 53	3 8	0 17	17 54	1 1	22 47	0 34	17 12	0 47	3 27	2 0	29 39	13 59	19 24	19 28	20 42			n.a.
S 7	18 10	13 59	1 21	17 12	1 25	8 13	0 51	2 51	0 16	17 50	1 1	22 46	0 35	17 13	0 47	3 26	2 0	29 38	13 59	19 24	19 29	20 44			n.a.
M 8	17 54	8 16	2 31	16 34	1 21	7 42	0 48	2 34	0 15	17 46	1 1	22 45	0 35	17 14	0 47	3 26	2 0	29 37	13 59	19 24	19 30	20 46			n.a.
T 9	17 38	2 5	3 33	15 56	1 16	7 12	0 46	2 17	0 14	17 42	1 1	22 44	0 35	17 14	0 47	3 26	2 0	29 37	13 59	19 24	19 31	20 48			n.a.
W10	17 22	4s16	4 23	15 17	1 11	6 41	0 43	2 1	0 13	17 39	1 1	22 43	0 35	17 15	0 47	3 25	2 0	29 36	13 59	19 24	19 32	20 50			n.a.
T 11	17 5	10 27	4 58	14 37	1 5	6 10	0 41	1 44	0 13	17 35	1 1	22 42	0 35	17 16	0 47	3 25	2 0	29 35	13 59	19 24	19 32	20 52			n.a.
F 12	16 48	16 8	5 15	13 57	1 0	5 39	0 38	1 27	0 12	17 31	1 1	22 41	0 35	17 17	0 47	3 25	2 0	29 35	13 59	19 25	19 33	20 54			n.a.
S 13	16 31	20 56	5 13	13 17	0 54	5 8	0 35	1 10	0 11	17 27	1 1	22 40	0 35	17 17	0 47	3 24	2 0	29 34	13 59	19 25	19 34	20 56			n.a.
S 14	16 14	24 32	4 51	12 36	0 48	4 37	0 32	0 53	0 10	17 23	1 1	22 39	0 35	17 18	0 47	3 24	2 0	29 33	13 59	19 25	19 35	20 58			n.a.
M15	15 56	26 36	4 12	11 55	0 41	4 5	0 29	0 35	0 10	17 19	1 1	22 38	0 35	17 19	0 47	3 24	2 0	29 33	13 59	19 25	19 35	21 0			n.a.
T 16	15 38	26 57	3 18	11 13	0 35	3 34	0 27	0 18	0 9	17 16	1 1	22 37	0 35	17 19	0 47	3 23	2 0	29 32	13 59	19 24	19 36	21 2			n.a.
W17	15 19	25 35	2 13	10 31	0 28	3 2	0 24	0 1	0 8	17 12	1 1	22 36	0 36	17 20	0 47	3 23	2 0	29 31	13 59	19 24	19 37	21 4			n.a.
T 18	15 1	22 41	1 1	9 50	0 21	2 30	0 21	0s16	0 7	17 8	1 1	22 35	0 36	17 21	0 47	3 23	2 1	29 31	13 59	19 24	19 38	21 6			n.a.
F 19	14 42	18 33	0n14	9 8	0 14	1 59	0 17	0 33	0 6	17 4	1 1	22 34	0 36	17 22	0 47	3 22	2 1	29 30	13 59	19 24	19 38	21 8			n.a.
S 20	14 23	13 34	1 26	8 26	0 7	1 27	0 14	0 50	0 6	17 0	1 1	22 33	0 36	17 22	0 47	3 22	2 1	29 30	13 59	19 24	19 39	21 10			n.a.
S 21	14 4	8 3	2 33	7 44	0s 0	0 55	0 11	1 8	0 5	16 56	1 2	22 32	0 36	17 23	0 47	3 21	2 1	29 29	14 0	19 24	19 40	21 12			n.a.
M22	13 44	2 19	3 30	7 2	0 8	0 23	0 8	1 25	0 4	16 52	1 2	22 31	0 36	17 24	0 47	3 21	2 1	29 28	14 0	19 25	19 41	21 14			n.a.
T 23	13 24	3n22	4 16	6 20	0 15	0s 9	0 5	1 42	0 3	16 48	1 2	22 30	0 36	17 24	0 47	3 21	2 1	29 28	14 0	19 26	19 41	21 15			n.a.
W24	13 4	8 49	4 49	5 38	0 23	0 41	0 2	2 0	0 3	16 44	1 2	22 29	0 36	17 25	0 47	3 20	2 1	29 27	14 0	19 26	19 42	21 17			n.a.
T 25	12 44	13 51	5 8	4 57	0 30	1 13	0s 2	2 17	0 2	16 40	1 2	22 28	0 37	17 26	0 47	3 20	2 1	29 27	14 0	19 27	19 43	21 19			n.a.
F 26	12 24	18 18	5 14	4 16	0 38	1 45	0 5	2 34	0 1	16 36	1 2	22 27	0 37	17 26	0 47	3 19	2 1	29 26	14 0	19 28	19 43	21 21			n.a.
S 27	12 3	22 0	5 6	3 34	0 46	2 17	0 8	2 52	0 0	16 32	1 2	22 26	0 37	17 27	0 47	3 19	2 1	29 26	14 0	19 28	19 44	21 23			n.a.
S 28	11 42	24 47	4 45	2 54	0 53	2 49	0 12	3 9	0s 0	16 28	1 2	22 25	0 37	17 28	0 46	3 18	2 1	29 25	14 1	19 28	19 45	21 25			n.a.
M29	11 21	26 29	4 12	2 13	1 1	3 20	0 15	3 26	0 1	16 24	1 2	22 24	0 37	17 28	0 46	3 18	2 1	29 25	14 1	19 28	19 46	21 27			n.a.
T 30	11 0	26 59	3 27	1 33	1 8	3 52	0 19	3 44	0 2	16 20	1 2	22 23	0 37	17 29	0 46	3 17	2 1	29 24	14 1	19 28	19 46	21 28			n.a.
W31	10n39	26n 9	2n32	0n53	1s16	4s24	0s22	4s 1	0s 2	16n16	1n 2	22n22	0n37	17s30	0s46	3n17	2s 1	29n24	14n 1	19s28	19s47	21n30			n.a.

Julian Day Number = 1625574.5, Delta T = 03h44m57s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'36, Lahiri = - 7°34'36 Julian Calendar 1 Aug. 263 BCE == Greg. Calendar 28 July 263 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

SEPTEMBER 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 22 44	3♍40'02	17♋49	26♍16	11♎20	10♎38	19♌17	23♋ 1	14°R12	12°R50	16♌28	4♒ 9	2♒41	15♉44	n.a.	T 1
F 2	22 26 41	4°39'13	0♌45	27°35	12°32	11°20	19°29	23° 7	14♒10	12♈49	16°30	4°R10	2°38	15°51	n.a.	F 2
S 3	22 30 37	5°38'26	14° 5	28°54	13°43	12° 2	19°42	23°13	14° 8	12°48	16°33	4° 9	2°34	15°58	n.a.	S 3
S 4	22 34 34	6°37'42	27°46	0♎11	14°55	12°44	19°55	23°20	14° 6	12°46	16°35	4° 7	2°31	16° 4	n.a.	S 4
M 5	22 38 30	7°36'59	11♍49	1°26	16° 7	13°26	20° 8	23°26	14° 4	12°45	16°37	4° 4	2°28	16°11	n.a.	M 5
T 6	22 42 27	8°36'19	26° 8	2°41	17°18	14° 9	20°20	23°32	14° 2	12°44	16°39	3°59	2°25	16°18	n.a.	T 6
W 7	22 46 24	9°35'41	10♎38	3°53	18°30	14°51	20°33	23°38	13°59	12°42	16°41	3°54	2°22	16°25	n.a.	W 7
T 8	22 50 20	10°35'05	25°12	5° 4	19°41	15°34	20°46	23°44	13°57	12°41	16°43	3°48	2°18	16°31	n.a.	T 8
F 9	22 54 17	11°34'31	9♏44	6°13	20°52	16°16	20°58	23°50	13°55	12°40	16°45	3°44	2°15	16°38	n.a.	F 9
S 10	22 58 13	12°33'59	24°10	7°20	22° 4	16°59	21°11	23°56	13°53	12°38	16°47	3°41	2°12	16°45	n.a.	S 10
S 11	23 2 10	13°33'28	8♐24	8°25	23°15	17°42	21°24	24° 2	13°51	12°37	16°49	3°D39	2° 9	16°51	n.a.	S 11
M12	23 6 6	14°33'00	22°25	9°28	24°26	18°25	21°36	24° 8	13°49	12°35	16°51	3°39	2° 6	16°58	n.a.	M12
T 13	23 10 3	15°32'33	6♑12	10°28	25°37	19° 7	21°49	24°14	13°47	12°34	16°53	3°40	2° 3	17° 5	n.a.	T 13
W14	23 13 59	16°32'08	19°46	11°25	26°48	19°50	22° 1	24°19	13°45	12°32	16°55	3°42	1°59	17°12	n.a.	W14
T 15	23 17 56	17°31'45	3♒ 7	12°19	27°59	20°33	22°13	24°25	13°44	12°31	16°56	3°R42	1°56	17°18	n.a.	T 15
F 16	23 21 52	18°31'24	16°16	13°10	29°10	21°16	22°26	24°30	13°42	12°29	16°58	3°42	1°53	17°25	n.a.	F 16
S 17	23 25 49	19°31'05	29°13	13°58	0♏21	22° 0	22°38	24°36	13°40	12°28	17° 0	3°39	1°50	17°32	n.a.	S 17
S 18	23 29 46	20°30'48	11♓59	14°41	1°32	22°43	22°50	24°41	13°38	12°26	17° 2	3°34	1°47	17°39	n.a.	S 18
M19	23 33 42	21°30'32	24°34	15°20	2°43	23°26	23° 3	24°47	13°36	12°25	17° 4	3°26	1°44	17°45	n.a.	M19
T 20	23 37 39	22°30'19	6♈57	15°54	3°53	24° 9	23°15	24°52	13°35	12°23	17° 6	3°17	1°40	17°52	n.a.	T 20
W21	23 41 35	23°30'08	19°10	16°22	5° 4	24°53	23°27	24°57	13°33	12°22	17° 8	3° 8	1°37	17°59	n.a.	W21
T 22	23 45 32	24°29'59	1♉14	16°45	6°15	25°36	23°39	25° 2	13°31	12°20	17° 9	2°58	1°34	18° 5	n.a.	T 22
F 23	23 49 28	25°29'53	13°10	17° 1	7°25	26°20	23°51	25° 7	13°30	12°18	17°11	2°49	1°31	18°12	n.a.	F 23
S 24	23 53 25	26°29'49	25° 2	17°10	8°35	27° 3	24° 3	25°12	13°28	12°17	17°13	2°43	1°28	18°19	n.a.	S 24
S 25	23 57 21	27°29'47	6♊53	17°R11	9°46	27°47	24°15	25°17	13°27	12°15	17°15	2°38	1°24	18°26	n.a.	S 25
M26	0 1 18	28°29'47	18°46	17° 4	10°56	28°31	24°27	25°22	13°25	12°14	17°16	2°35	1°21	18°32	n.a.	M26
T 27	0 5 15	29°29'49	0♋48	16°49	12° 6	29°15	24°39	25°27	13°24	12°12	17°18	2°D35	1°18	18°39	n.a.	T 27
W28	0 9 11	0♎29'54	13° 3	16°24	13°16	29°58	24°50	25°31	13°22	12°10	17°20	2°35	1°15	18°46	n.a.	W28
T 29	0 13 8	1°30'01	25°37	15°50	14°26	0♏42	25° 2	25°36	13°21	12° 9	17°22	2°36	1°12	18°52	n.a.	T 29
F 30	0 17 4	2♎30'11	8♌33	15♎ 7	15♏36	1♏26	25♌14	25♋40	13♒19	12♈ 7	17♌23	2°R36	1♒ 9	18♉59	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	10n17	23n59	1n28	0n14	1s24	4s56	0s26	4s18	0s 3	16n12	1n 2	22n21	0n37	17s30	0s46	3n16	2s 1	29n23	14n 1	19s27	19s48	21n32			n.a.
F 2	9 55	20 32	0 19	0s25	1 31	5 27	0 29	4 36	0 4	16 8	1 3	22 20	0 38	17 31	0 46	3 16	2 1	29 23	14 1	19 27	19 49	21 34			n.a.
S 3	9 33	15 57	0s54	1 4	1 39	5 59	0 33	4 53	0 5	16 4	1 3	22 19	0 38	17 32	0 46	3 15	2 1	29 22	14 2	19 27	19 49	21 36			n.a.
S 4	9 11	10 26	2 5	1 41	1 46	6 30	0 36	5 10	0 5	16 0	1 3	22 18	0 38	17 32	0 46	3 15	2 1	29 22	14 2	19 28	19 50	21 38			n.a.
M 5	8 49	4 17	3 11	2 18	1 53	7 1	0 40	5 28	0 6	15 56	1 3	22 17	0 38	17 33	0 46	3 14	2 1	29 21	14 2	19 28	19 51	21 39			n.a.
T 6	8 26	2s12	4 6	2 55	2 0	7 32	0 43	5 45	0 7	15 52	1 3	22 16	0 38	17 33	0 46	3 14	2 1	29 21	14 2	19 29	19 52	21 41			n.a.
W 7	8 4	8 37	4 45	3 30	2 7	8 3	0 47	6 2	0 8	15 48	1 3	22 16	0 38	17 34	0 46	3 13	2 1	29 20	14 2	19 31	19 52	21 43			n.a.
T 8	7 41	14 37	5 7	4 5	2 14	8 34	0 50	6 20	0 8	15 44	1 3	22 15	0 38	17 35	0 46	3 12	2 2	29 20	14 3	19 32	19 53	21 45			n.a.
F 9	7 18	19 46	5 9	4 39	2 21	9 4	0 54	6 37	0 9	15 40	1 3	22 14	0 38	17 35	0 46	3 12	2 2	29 19	14 3	19 33	19 54	21 47			n.a.
S 10	6 55	23 44	4 51	5 12	2 27	9 35	0 57	6 54	0 10	15 36	1 3	22 13	0 39	17 36	0 46	3 11	2 2	29 19	14 3	19 34	19 54	21 48			n.a.
S 11	6 32	26 10	4 15	5 43	2 33	10 5	1 1	7 11	0 10	15 33	1 3	22 12	0 39	17 36	0 46	3 11	2 2	29 19	14 3	19 34	19 55	21 50			n.a.
M12	6 9	26 55	3 25	6 14	2 39	10 35	1 5	7 28	0 11	15 29	1 4	22 11	0 39	17 37	0 46	3 10	2 2	29 18	14 4	19 34	19 56	21 52			n.a.
T 13	5 46	25 58	2 23	6 43	2 45	11 5	1 8	7 45	0 12	15 25	1 4	22 10	0 39	17 38	0 46	3 9	2 2	29 18	14 4	19 34	19 57	21 54			n.a.
W14	5 23	23 29	1 15	7 10	2 50	11 34	1 12	8 3	0 13	15 21	1 4	22 9	0 39	17 38	0 46	3 9	2 2	29 17	14 4	19 34	19 57	21 55			n.a.
T 15	4 59	19 45	0 3	7 36	2 55	12 3	1 15	8 20	0 13	15 17	1 4	22 8	0 39	17 39	0 46	3 8	2 2	29 17	14 4	19 33	19 58	21 57			n.a.
F 16	4 36	15 5	1n 7	8 0	2 59	12 32	1 19	8 37	0 14	15 13	1 4	22 8	0 39	17 39	0 46	3 8	2 2	29 17	14 5	19 34	19 59	21 59			n.a.
S 17	4 12	9 48	2 13	8 22	3 3	13 1	1 22	8 54	0 15	15 9	1 4	22 7	0 40	17 40	0 46	3 7	2 2	29 16	14 5	19 34	20 0	22 1			n.a.
S 18	3 48	4 12	3 11	8 42	3 6	13 29	1 26	9 10	0 15	15 5	1 4	22 6	0 40	17 40	0 46	3 6	2 2	29 16	14 5	19 36	20 0	22 2			n.a.
M19	3 24	1n28	3 59	9 0	3 9	13 57	1 29	9 27	0 16	15 1	1 4	22 5	0 40	17 41	0 46	3 6	2 2	29 16	14 6	19 37	20 1	22 4			n.a.
T 20	3 1	6 59	4 34	9 15	3 11	14 25	1 33	9 44	0 17	14 57	1 5	22 4	0 40	17 41	0 46	3 5	2 2	29 15	14 6	19 39	20 2	22 6			n.a.
W21	2 37	12 9	4 57	9 27	3 12	14 53	1 36	10 1	0 17	14 53	1 5	22 3	0 40	17 42	0 46	3 4	2 2	29 15	14 6	19 42	20 2	22 8			n.a.
T 22	2 13	16 48	5 6	9 36	3 12	15 20	1 40	10 18	0 18	14 49	1 5	22 3	0 40	17 42	0 46	3 4	2 2	29 15	14 7	19 44	20 3	22 9			n.a.
F 23	1 49	20 45	5 1	9 42	3 11	15 46	1 43	10 34	0 19	14 45	1 5	22 2	0 40	17 42	0 46	3 3	2 2	29 14	14 7	19 46	20 4	22 11			n.a.
S 24	1 25	23 50	4 43	9 43	3 9	16 13	1 46	10 51	0 19	14 41	1 5	22 1	0 41	17 43	0 46	3 2	2 2	29 14	14 7	19 47	20 5	22 13			n.a.
S 25	1 0	25 53	4 13	9 41	3 6	16 39	1 50	11 7	0 20	14 37	1 5	22 0	0 41	17 43	0 46	3 2	2 2	29 14	14 8	19 49	20 5	22 14			n.a.
M26	0 36	26 46	3 32	9 34	3 1	17 4	1 53	11 24	0 21	14 33	1 5	22 0	0 41	17 44	0 46	3 1	2 2	29 14	14 8	19 49	20 6	22 16			n.a.
T 27	0 12	26 25	2 42	9 22	2 55	17 30	1 56	11 40	0 21	14 30	1 6	21 59	0 41	17 44	0 46	3 1	2 2	29 13	14 8	19 49	20 7	22 18			n.a.
W28	0s12	24 47	1 43	9 5	2 47	17 54	1 59	11 56	0 22	14 26	1 6	21 58	0 41	17 44	0 46	3 0	2 2	29 13	14 9	19 49	20 7	22 19			n.a.
T 29	0 36	21 53	0 37	8 43	2 37	18 19	2 3	12 13	0 23	14 22	1 6	21 57	0 41	17 45	0 46	2 59	2 2	29 13	14 9	19 49	20 8	22 21			n.a.
F 30	1s 0	17n50	0s32	8s16	2s26	18s43	2s 6	12s29	0s23	14n18	1n 6	21n57	0n42	17s45	0s46	2n59	2s 2	29n13	14n 9	19s49	20s 9	22n23			n.a.

Julian Day Number = 1625605.5, Delta T = 03h44m56s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'32, Lahiri = - 7°34'32 Julian Calendar 1 Sept. 263 BCE == Greg. Calendar 28 Aug. 263 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

OCTOBER 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 21 1	3♎30'22	21♌56	14°R15	16♏46	2♏10	25♌25	25♋45	13°R18	12°R 5	17♌25	2°R34	1♒ 5	19♉ 6	n.a.	S 1
S 2	0 24 57	4°30'35	5♍47	13♎14	17°56	2°55	25°37	25°49	13♒17	12♈ 4	17°26	2♒30	1° 2	19°13	n.a.	S 2
M 3	0 28 54	5°30'51	20° 5	12° 7	19° 5	3°39	25°48	25°53	13°16	12° 2	17°28	2°24	0°59	19°19	n.a.	M 3
T 4	0 32 50	6°31'08	4♎45	10°53	20°15	4°23	25°59	25°57	13°15	12° 0	17°30	2°15	0°56	19°26	n.a.	T 4
W 5	0 36 47	7°31'27	19°40	9°36	21°24	5° 7	26°11	26° 1	13°13	11°59	17°31	2° 4	0°53	19°33	n.a.	W 5
T 6	0 40 43	8°31'49	4♏42	8°17	22°34	5°52	26°22	26° 5	13°12	11°57	17°33	1°54	0°49	19°39	n.a.	T 6
F 7	0 44 40	9°32'12	19°40	6°59	23°43	6°36	26°33	26° 9	13°11	11°55	17°34	1°45	0°46	19°46	n.a.	F 7
S 8	0 48 37	10°32'36	4♐25	5°45	24°52	7°21	26°44	26°13	13°10	11°53	17°36	1°38	0°43	19°53	n.a.	S 8
S 9	0 52 33	11°33'02	18°53	4°36	26° 1	8° 5	26°55	26°16	13° 9	11°52	17°37	1°34	0°40	20° 0	n.a.	S 9
M10	0 56 30	12°33'30	2♑59	3°36	27°10	8°50	27° 6	26°20	13° 9	11°50	17°38	1°32	0°37	20° 6	n.a.	M10
T 11	1 0 26	13°33'59	16°43	2°45	28°19	9°34	27°17	26°24	13° 8	11°48	17°40	1°D31	0°34	20°13	n.a.	T 11
W12	1 4 23	14°34'29	0♒ 7	2° 4	29°27	10°19	27°28	26°27	13° 7	11°47	17°41	1°R32	0°30	20°20	n.a.	W12
T 13	1 8 19	15°35'01	13°13	1°36	0♐36	11° 4	27°38	26°30	13° 6	11°45	17°43	1°31	0°27	20°26	n.a.	T 13
F 14	1 12 16	16°35'34	26° 4	1°19	1°44	11°49	27°49	26°33	13° 5	11°43	17°44	1°29	0°24	20°33	n.a.	F 14
S 15	1 16 12	17°36'08	8♓42	1°D13	2°52	12°34	27°59	26°36	13° 5	11°42	17°45	1°24	0°21	20°40	n.a.	S 15
S 16	1 20 9	18°36'44	21°10	1°19	4° 1	13°19	28°10	26°39	13° 4	11°40	17°46	1°15	0°18	20°47	n.a.	S 16
M17	1 24 6	19°37'22	3♈29	1°35	5° 9	14° 4	28°20	26°42	13° 4	11°38	17°48	1° 4	0°15	20°53	n.a.	M17
T 18	1 28 2	20°38'00	15°41	2° 1	6°16	14°49	28°30	26°45	13° 3	11°37	17°49	0°51	0°11	21° 0	n.a.	T 18
W19	1 31 59	21°38'41	27°45	2°35	7°24	15°34	28°40	26°48	13° 3	11°35	17°50	0°37	0° 8	21° 7	n.a.	W19
T 20	1 35 55	22°39'23	9♉43	3°18	8°31	16°19	28°51	26°50	13° 2	11°33	17°51	0°22	0° 5	21°13	n.a.	T 20
F 21	1 39 52	23°40'06	21°37	4° 7	9°39	17° 4	29° 0	26°53	13° 2	11°32	17°52	0° 9	0° 2	21°20	n.a.	F 21
S 22	1 43 48	24°40'51	3♊27	5° 3	10°46	17°50	29°10	26°55	13° 2	11°30	17°53	29♑57	29♑59	21°27	n.a.	S 22
S 23	1 47 45	25°41'38	15°17	6° 4	11°53	18°35	29°20	26°57	13° 1	11°28	17°55	29°49	29°55	21°34	n.a.	S 23
M24	1 51 41	26°42'26	27°10	7°10	12°59	19°20	29°30	27° 0	13° 1	11°27	17°56	29°43	29°52	21°40	n.a.	M24
T 25	1 55 38	27°43'16	9♋ 9	8°20	14° 6	20° 6	29°39	27° 2	13° 1	11°25	17°57	29°41	29°49	21°47	n.a.	T 25
W26	1 59 35	28°44'08	21°20	9°33	15°12	20°51	29°49	27° 4	13° 1	11°23	17°58	29°40	29°46	21°54	n.a.	W26
T 27	2 3 31	29°45'01	3♌48	10°50	16°18	21°37	29°58	27° 5	13°D 1	11°22	17°58	29°40	29°43	22° 0	n.a.	T 27
F 28	2 7 28	0♏45'56	16°39	12° 9	17°24	22°22	0♍ 7	27° 7	13° 1	11°20	17°59	29°39	29°40	22° 7	n.a.	F 28
S 29	2 11 24	1°46'52	29°55	13°30	18°30	23° 8	0°16	27° 9	13° 1	11°19	18° 0	29°37	29°36	22°14	n.a.	S 29
S 30	2 15 21	2°47'49	13♍42	14°53	19°36	23°54	0°25	27°10	13° 1	11°17	18° 1	29°32	29°33	22°21	n.a.	S 30
M31	2 19 17	3♏48'48	27♍59	16♎17	20♐41	24♏39	0♍34	27♋12	13♒ 1	11♈16	18♌ 2	29♑25	29♑30	22♉27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s25	12n46	1s41	7s43	2s13	19s 6	2s 9	12s45	0s24	14n14	1n 6	21n56	0n42	17s46	0s46	2n58	2s 2	29n13	14n10	19s49	20s 9	22n24		n.a.
S 2	1 49	6 55	2 47	7 5	1 58	19 29	2 12	13 1	0 25	14 10	1 6	21 55	0 42	17 46	0 46	2 57	2 2	29 12	14 10	19 50	20 10	22 26		n.a.
M 3	2 13	0 33	3 45	6 23	1 41	19 52	2 15	13 17	0 25	14 7	1 6	21 55	0 42	17 46	0 46	2 56	2 2	29 12	14 11	19 52	20 11	22 28		n.a.
T 4	2 37	6s 1	4 29	5 37	1 23	20 14	2 18	13 32	0 26	14 3	1 7	21 54	0 42	17 47	0 46	2 56	2 2	29 12	14 11	19 54	20 12	22 29		n.a.
W 5	3 1	12 20	4 55	4 49	1 3	20 35	2 20	13 48	0 26	13 59	1 7	21 54	0 42	17 47	0 46	2 55	2 2	29 12	14 11	19 56	20 12	22 31		n.a.
T 6	3 25	17 58	5 2	3 59	0 43	20 56	2 23	14 4	0 27	13 56	1 7	21 53	0 42	17 47	0 46	2 54	2 2	29 12	14 12	19 59	20 13	22 32		n.a.
F 7	3 49	22 28	4 48	3 9	0 22	21 17	2 26	14 19	0 28	13 52	1 7	21 52	0 43	17 47	0 46	2 54	2 2	29 12	14 12	20 1	20 14	22 34		n.a.
S 8	4 13	25 27	4 15	2 20	0 1	21 37	2 28	14 34	0 28	13 48	1 7	21 52	0 43	17 48	0 46	2 53	2 2	29 12	14 13	20 2	20 14	22 36		n.a.
S 9	4 37	26 40	3 26	1 34	0n19	21 56	2 31	14 50	0 29	13 45	1 7	21 51	0 43	17 48	0 46	2 52	2 2	29 12	14 13	20 3	20 15	22 37		n.a.
M10	5 1	26 7	2 25	0 52	0 38	22 15	2 33	15 5	0 30	13 41	1 8	21 51	0 43	17 48	0 46	2 52	2 2	29 11	14 13	20 4	20 16	22 39		n.a.
T 11	5 25	23 57	1 18	0 15	0 56	22 33	2 36	15 20	0 30	13 37	1 8	21 50	0 43	17 48	0 46	2 51	2 2	29 11	14 14	20 4	20 16	22 40		n.a.
W12	5 49	20 30	0 7	0n16	1 12	22 51	2 38	15 35	0 31	13 34	1 8	21 50	0 43	17 49	0 45	2 50	2 2	29 11	14 14	20 4	20 17	22 42		n.a.
T 13	6 12	16 4	1n 2	0 41	1 27	23 8	2 40	15 50	0 31	13 30	1 8	21 49	0 44	17 49	0 45	2 50	2 2	29 11	14 15	20 4	20 18	22 44		n.a.
F 14	6 36	11 0	2 6	0 59	1 39	23 25	2 42	16 4	0 32	13 27	1 8	21 49	0 44	17 49	0 45	2 49	2 2	29 11	14 15	20 4	20 19	22 45		n.a.
S 15	6 59	5 35	3 3	1 12	1 50	23 40	2 45	16 19	0 33	13 23	1 9	21 48	0 44	17 49	0 45	2 48	2 2	29 11	14 15	20 5	20 19	22 47		n.a.
S 16	7 23	0 1	3 50	1 18	1 59	23 56	2 47	16 33	0 33	13 20	1 9	21 48	0 44	17 49	0 45	2 48	2 2	29 11	14 16	20 7	20 20	22 48		n.a.
M17	7 46	5n28	4 26	1 18	2 7	24 10	2 48	16 47	0 34	13 16	1 9	21 48	0 44	17 49	0 45	2 47	2 2	29 11	14 16	20 10	20 21	22 50		n.a.
T 18	8 9	10 41	4 49	1 13	2 13	24 24	2 50	17 1	0 34	13 13	1 9	21 47	0 45	17 49	0 45	2 47	2 2	29 11	14 17	20 13	20 21	22 51		n.a.
W19	8 32	15 26	4 59	1 3	2 17	24 38	2 52	17 15	0 35	13 9	1 9	21 47	0 45	17 49	0 45	2 46	2 2	29 11	14 17	20 16	20 22	22 53		n.a.
T 20	8 55	19 34	4 56	0 48	2 20	24 51	2 53	17 29	0 36	13 6	1 10	21 47	0 45	17 50	0 45	2 45	2 2	29 11	14 18	20 19	20 23	22 54		n.a.
F 21	9 18	22 52	4 39	0 30	2 21	25 3	2 55	17 43	0 36	13 3	1 10	21 46	0 45	17 50	0 45	2 45	2 2	29 11	14 18	20 22	20 23	22 56		n.a.
S 22	9 40	25 12	4 11	0 8	2 22	25 14	2 56	17 56	0 37	12 59	1 10	21 46	0 45	17 50	0 45	2 44	2 2	29 12	14 19	20 24	20 24	22 57		n.a.
S 23	10 3	26 24	3 31	0s17	2 21	25 25	2 57	18 10	0 37	12 56	1 10	21 46	0 45	17 50	0 45	2 43	2 2	29 12	14 19	20 26	20 25	22 59		n.a.
M24	10 25	26 24	2 43	0 44	2 20	25 35	2 59	18 23	0 38	12 53	1 10	21 45	0 46	17 50	0 45	2 43	2 2	29 12	14 20	20 27	20 25	23 0		n.a.
T 25	10 47	25 10	1 46	1 14	2 18	25 44	3 0	18 36	0 38	12 50	1 11	21 45	0 46	17 50	0 45	2 42	2 2	29 12	14 20	20 28	20 26	23 2		n.a.
W26	11 9	22 44	0 44	1 46	2 15	25 53	3 1	18 49	0 39	12 47	1 11	21 45	0 46	17 50	0 45	2 41	2 2	29 12	14 21	20 28	20 27	23 3		n.a.
T 27	11 31	19 11	0s22	2 20	2 11	26 1	3 1	19 1	0 39	12 43	1 11	21 45	0 46	17 50	0 45	2 41	2 2	29 12	14 21	20 28	20 27	23 5		n.a.
F 28	11 53	14 38	1 28	2 55	2 7	26 9	3 2	19 14	0 40	12 40	1 11	21 45	0 46	17 50	0 45	2 40	2 2	29 12	14 22	20 28	20 28	23 6		n.a.
S 29	12 14	9 15	2 33	3 31	2 3	26 15	3 3	19 26	0 41	12 37	1 11	21 44	0 46	17 50	0 45	2 40	2 2	29 12	14 22	20 29	20 29	23 8		n.a.
S 30	12 35	3 15	3 30	4 8	1 58	26 21	3 3	19 38	0 41	12 34	1 12	21 44	0 47	17 50	0 45	2 39	2 2	29 13	14 23	20 30	20 29	23 9		n.a.
M31	12s56	3s 6	4s17	4s45	1n52	26s26	3s 3	19s50	0s42	12n31	1n12	21n44	0n47	17s50	0s45	2n38	2s 2	29n13	14n23	20s31	20s30	23n11		n.a.

Julian Day Number = 1625635.5, Delta T = 03h44m55s
Ecliptic obliquity = 23°43'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'28, Lahiri = - 7°34'27 Julian Calendar 1 Oct. 263 BCE == Greg. Calendar 27 Sept. 263 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

NOVEMBER 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 23 14	4♏49'48	12♎44	17♎43	21♐46	25♏25	0♍43	27♋13	13♒ 1	11°R14	18♌ 3	29°R15	29♑27	22♉34	n.a.	T 1
W 2	2 27 10	5°50'50	27°50	19°10	22°51	26°11	0°52	27°14	13° 2	11♈13	18° 4	29♑ 4	29°24	22°41	n.a.	W 2
T 3	2 31 7	6°51'52	13♏ 8	20°38	23°55	26°57	1° 0	27°15	13° 2	11°11	18° 4	28°52	29°21	22°47	n.a.	T 3
F 4	2 35 4	7°52'56	28°25	22° 6	24°59	27°43	1° 8	27°16	13° 2	11°10	18° 5	28°41	29°17	22°54	n.a.	F 4
S 5	2 39 0	8°54'01	13♐31	23°36	26° 3	28°29	1°17	27°17	13° 3	11° 8	18° 6	28°33	29°14	23° 1	n.a.	S 5
S 6	2 42 57	9°55'06	28°17	25° 6	27° 7	29°15	1°25	27°18	13° 3	11° 7	18° 6	28°27	29°11	23° 8	n.a.	S 6
M 7	2 46 53	10°56'12	12♑38	26°36	28°10	0♐ 1	1°33	27°18	13° 4	11° 5	18° 7	28°24	29° 8	23°14	n.a.	M 7
T 8	2 50 50	11°57'19	26°32	28° 7	29°13	0°47	1°41	27°19	13° 4	11° 4	18° 7	28°D24	29° 5	23°21	n.a.	T 8
W 9	2 54 46	12°58'26	9♒59	29°38	0♑16	1°33	1°48	27°19	13° 5	11° 2	18° 8	28°R24	29° 1	23°28	n.a.	W 9
T 10	2 58 43	13°59'34	23° 3	1♏ 9	1°19	2°20	1°56	27°20	13° 6	11° 1	18° 8	28°24	28°58	23°34	n.a.	T 10
F 11	3 2 40	15° 0'42	5♓47	2°41	2°21	3° 6	2° 4	27°20	13° 6	11° 0	18° 9	28°22	28°55	23°41	n.a.	F 11
S 12	3 6 36	16° 1'51	18°15	4°13	3°22	3°52	2°11	27°R20	13° 7	10°58	18° 9	28°17	28°52	23°48	n.a.	S 12
S 13	3 10 33	17° 3'00	0♈32	5°45	4°24	4°38	2°18	27°20	13° 8	10°57	18°10	28°10	28°49	23°55	n.a.	S 13
M14	3 14 29	18° 4'09	12°39	7°17	5°25	5°25	2°25	27°20	13° 9	10°56	18°10	28° 0	28°46	24° 1	n.a.	M14
T 15	3 18 26	19° 5'19	24°41	8°50	6°25	6°11	2°32	27°19	13°10	10°55	18°10	27°48	28°42	24° 8	n.a.	T 15
W16	3 22 22	20° 6'30	6♉37	10°22	7°25	6°58	2°39	27°19	13°11	10°53	18°11	27°34	28°39	24°15	n.a.	W16
T 17	3 26 19	21° 7'41	18°31	11°55	8°25	7°44	2°45	27°18	13°12	10°52	18°11	27°21	28°36	24°21	n.a.	T 17
F 18	3 30 15	22° 8'52	0♊22	13°28	9°24	8°31	2°52	27°18	13°13	10°51	18°11	27° 9	28°33	24°28	n.a.	F 18
S 19	3 34 12	23°10'04	12°14	15° 1	10°23	9°17	2°58	27°17	13°14	10°50	18°11	26°58	28°30	24°35	n.a.	S 19
S 20	3 38 9	24°11'17	24° 6	16°34	11°21	10° 4	3° 4	27°16	13°15	10°49	18°12	26°50	28°26	24°41	n.a.	S 20
M21	3 42 5	25°12'30	6♋ 2	18° 8	12°18	10°50	3°11	27°15	13°16	10°47	18°12	26°45	28°23	24°48	n.a.	M21
T 22	3 46 2	26°13'44	18° 5	19°41	13°16	11°37	3°16	27°14	13°18	10°46	18°12	26°43	28°20	24°55	n.a.	T 22
W23	3 49 58	27°14'58	0♌18	21°15	14°12	12°24	3°22	27°13	13°19	10°45	18°12	26°D43	28°17	25° 2	n.a.	W23
T 24	3 53 55	28°16'13	12°45	22°49	15° 8	13°10	3°28	27°12	13°20	10°44	18°12	26°43	28°14	25° 8	n.a.	T 24
F 25	3 57 51	29°17'28	25°31	24°23	16° 4	13°57	3°33	27°11	13°22	10°43	18°R12	26°R44	28°11	25°15	n.a.	F 25
S 26	4 1 48	0♐18'43	8♍40	25°58	16°58	14°44	3°38	27° 9	13°23	10°42	18°12	26°44	28° 7	25°22	n.a.	S 26
S 27	4 5 44	1°19'59	22°17	27°32	17°53	15°31	3°43	27° 7	13°25	10°41	18°12	26°42	28° 4	25°28	n.a.	S 27
M28	4 9 41	2°21'16	6♎22	29° 7	18°46	16°18	3°48	27° 6	13°26	10°40	18°12	26°37	28° 1	25°35	n.a.	M28
T 29	4 13 38	3°22'33	20°55	0♐43	19°39	17° 5	3°53	27° 4	13°28	10°40	18°12	26°31	27°58	25°42	n.a.	T 29
W30	4 17 34	4♐23'50	5♏52	2♐18	20♑31	17♐51	3♍58	27♋ 2	13♒30	10♈39	18♌12	26♑23	27♑55	25♉49	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s17	9s30	4s48	5s24	1n47	26s31	3s 3	20s 2	0s42	12n28	1n12	21n44	0n47	17s49	0s45	2n38	2s 2	29n13	14n24	20s33	20s31	23n12		n.a.
W 2	13 38	15 29	5 0	6 2	1 41	26 35	3 3	20 13	0 43	12 26	1 12	21 44	0 47	17 49	0 45	2 37	2 2	29 13	14 24	20 36	20 31	23 14		n.a.
T 3	13 58	20 35	4 51	6 42	1 35	26 38	3 3	20 25	0 43	12 23	1 13	21 44	0 47	17 49	0 45	2 37	2 2	29 13	14 25	20 38	20 32	23 15		n.a.
F 4	14 18	24 17	4 21	7 21	1 28	26 41	3 3	20 36	0 44	12 20	1 13	21 44	0 48	17 49	0 45	2 36	2 2	29 14	14 25	20 40	20 33	23 17		n.a.
S 5	14 38	26 14	3 33	8 0	1 22	26 42	3 2	20 47	0 44	12 17	1 13	21 44	0 48	17 49	0 45	2 36	2 2	29 14	14 26	20 42	20 33	23 18		n.a.
S 6	14 58	26 15	2 32	8 40	1 15	26 43	3 2	20 58	0 45	12 14	1 13	21 44	0 48	17 49	0 45	2 35	2 2	29 14	14 26	20 43	20 34	23 19		n.a.
M 7	15 17	24 29	1 22	9 19	1 8	26 44	3 1	21 8	0 45	12 12	1 14	21 44	0 48	17 49	0 45	2 35	2 2	29 15	14 27	20 44	20 35	23 21		n.a.
T 8	15 36	21 16	0 10	9 58	1 2	26 44	3 0	21 18	0 46	12 9	1 14	21 44	0 48	17 48	0 45	2 34	2 2	29 15	14 27	20 44	20 35	23 22		n.a.
W 9	15 55	16 59	1n 1	10 37	0 55	26 43	2 59	21 28	0 46	12 7	1 14	21 44	0 48	17 48	0 45	2 34	2 2	29 15	14 28	20 44	20 36	23 24		n.a.
T 10	16 14	12 1	2 7	11 16	0 48	26 41	2 58	21 38	0 47	12 4	1 14	21 44	0 49	17 48	0 44	2 33	2 2	29 15	14 28	20 44	20 37	23 25		n.a.
F 11	16 32	6 39	3 4	11 55	0 41	26 39	2 56	21 48	0 47	12 2	1 15	21 45	0 49	17 48	0 44	2 33	2 1	29 16	14 29	20 44	20 37	23 26		n.a.
S 12	16 50	1 9	3 52	12 33	0 34	26 36	2 55	21 57	0 48	11 59	1 15	21 45	0 49	17 47	0 44	2 32	2 1	29 16	14 29	20 45	20 38	23 28		n.a.
S 13	17 8	4n18	4 28	13 11	0 27	26 32	2 53	22 7	0 48	11 57	1 15	21 45	0 49	17 47	0 44	2 32	2 1	29 16	14 30	20 47	20 39	23 29		n.a.
M14	17 25	9 31	4 51	13 48	0 20	26 28	2 51	22 16	0 49	11 54	1 15	21 45	0 49	17 47	0 44	2 31	2 1	29 17	14 30	20 49	20 39	23 30		n.a.
T 15	17 42	14 19	5 1	14 24	0 13	26 23	2 49	22 24	0 49	11 52	1 16	21 45	0 50	17 47	0 44	2 31	2 1	29 17	14 31	20 51	20 40	23 32		n.a.
W16	17 59	18 34	4 58	15 1	0 6	26 18	2 47	22 33	0 49	11 50	1 16	21 46	0 50	17 46	0 44	2 30	2 1	29 18	14 31	20 54	20 41	23 33		n.a.
T 17	18 15	22 3	4 41	15 36	0s 1	26 11	2 44	22 41	0 50	11 48	1 16	21 46	0 50	17 46	0 44	2 30	2 1	29 18	14 32	20 57	20 41	23 34		n.a.
F 18	18 32	24 36	4 13	16 11	0 7	26 5	2 42	22 49	0 50	11 46	1 16	21 46	0 50	17 46	0 44	2 29	2 1	29 18	14 32	20 59	20 42	23 36		n.a.
S 19	18 47	26 4	3 34	16 46	0 14	25 57	2 39	22 57	0 51	11 43	1 17	21 47	0 50	17 45	0 44	2 29	2 1	29 19	14 33	21 1	20 43	23 37		n.a.
S 20	19 3	26 20	2 45	17 19	0 21	25 49	2 36	23 4	0 51	11 41	1 17	21 47	0 50	17 45	0 44	2 28	2 1	29 19	14 33	21 3	20 43	23 38		n.a.
M21	19 18	25 23	1 48	17 52	0 27	25 41	2 32	23 12	0 52	11 40	1 17	21 47	0 51	17 44	0 44	2 28	2 1	29 20	14 34	21 4	20 44	23 40		n.a.
T 22	19 33	23 15	0 46	18 24	0 33	25 32	2 29	23 18	0 52	11 38	1 17	21 48	0 51	17 44	0 44	2 28	2 1	29 20	14 34	21 4	20 45	23 41		n.a.
W23	19 47	20 1	0s19	18 56	0 40	25 22	2 25	23 25	0 52	11 36	1 18	21 48	0 51	17 44	0 44	2 27	2 1	29 21	14 35	21 4	20 45	23 42		n.a.
T 24	20 1	15 50	1 25	19 26	0 46	25 12	2 22	23 32	0 53	11 34	1 18	21 48	0 51	17 43	0 44	2 27	2 1	29 21	14 35	21 4	20 46	23 44		n.a.
F 25	20 14	10 51	2 28	19 56	0 52	25 1	2 17	23 38	0 53	11 32	1 18	21 49	0 51	17 43	0 44	2 27	2 1	29 22	14 36	21 4	20 47	23 45		n.a.
S 26	20 28	5 15	3 25	20 25	0 58	24 50	2 13	23 44	0 54	11 31	1 19	21 49	0 52	17 42	0 44	2 26	2 1	29 22	14 36	21 4	20 47	23 46		n.a.
S 27	20 41	0s46	4 13	20 53	1 3	24 39	2 9	23 50	0 54	11 29	1 19	21 50	0 52	17 42	0 44	2 26	2 1	29 23	14 37	21 4	20 48	23 48		n.a.
M28	20 53	6 57	4 47	21 19	1 9	24 26	2 4	23 55	0 54	11 27	1 19	21 50	0 52	17 41	0 44	2 26	2 1	29 23	14 37	21 5	20 48	23 49		n.a.
T 29	21 5	12 57	5 5	21 45	1 14	24 14	1 59	24 0	0 55	11 26	1 19	21 51	0 52	17 41	0 44	2 25	2 1	29 24	14 38	21 6	20 49	23 50		n.a.
W30	21s17	18s22	5s 2	22s10	1s19	24s 1	1s54	24s 5	0s55	11n25	1n20	21n51	0n52	17s40	0s44	2n25	2s 1	29n24	14n38	21s 8	20s50	23n51		n.a.

Julian Day Number = 1625666.5, Delta T = 03h44m54s
Ecliptic obliquity = 23°43'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'24, Lahiri = - 7°34'23 Julian Calendar 1 Nov. 263 BCE == Greg. Calendar 28 Oct. 263 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 263 BCE
geocentric

DECEMBER 263 BCE (-262) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 21 31	5♐25'07	21♏ 5	3♐54	21♑22	18♐38	4♍ 2	27°R 0	13♒31	10°R38	18°R11	26°R14	27♑52	25♉55	n.a.	T 1
F 2	4 25 27	6°26'24	6♐24	5°30	22°13	19°25	4° 6	26♋58	13°33	10♈37	18♎11	26♑ 7	27°48	26° 2	n.a.	F 2
S 3	4 29 24	7°27'42	21°37	7° 7	23° 3	20°12	4°10	26°56	13°35	10°36	18°11	26° 1	27°45	26° 9	n.a.	S 3
S 4	4 33 20	8°28'59	6♑35	8°44	23°52	20°59	4°14	26°53	13°37	10°36	18°11	25°57	27°42	26°15	n.a.	S 4
M 5	4 37 17	9°30'16	21°10	10°21	24°40	21°47	4°18	26°51	13°39	10°35	18°10	25°D55	27°39	26°22	n.a.	M 5
T 6	4 41 14	10°31'32	5♒17	11°59	25°27	22°34	4°22	26°48	13°41	10°34	18°10	25°55	27°36	26°29	n.a.	T 6
W 7	4 45 10	11°32'48	18°55	13°37	26°13	23°21	4°25	26°46	13°43	10°33	18°10	25°57	27°33	26°36	n.a.	W 7
T 8	4 49 7	12°34'03	2♓ 7	15°15	26°59	24° 8	4°28	26°43	13°45	10°33	18° 9	25°58	27°29	26°42	n.a.	T 8
F 9	4 53 3	13°35'18	14°54	16°54	27°43	24°55	4°31	26°40	13°47	10°32	18° 9	25°R58	27°26	26°49	n.a.	F 9
S 10	4 57 0	14°36'31	27°23	18°33	28°26	25°42	4°34	26°37	13°49	10°32	18° 8	25°57	27°23	26°56	n.a.	S 10
S 11	5 0 56	15°37'45	9♈36	20°13	29° 8	26°29	4°37	26°34	13°51	10°31	18° 8	25°55	27°20	27° 2	n.a.	S 11
M12	5 4 53	16°38'57	21°39	21°53	29°49	27°16	4°39	26°31	13°53	10°31	18° 7	25°50	27°17	27° 9	n.a.	M12
T 13	5 8 49	17°40'09	3♉35	23°33	0♒28	28° 4	4°41	26°28	13°55	10°30	18° 7	25°44	27°13	27°16	n.a.	T 13
W14	5 12 46	18°41'20	15°27	25°14	1° 6	28°51	4°43	26°25	13°58	10°30	18° 6	25°36	27°10	27°22	n.a.	W14
T 15	5 16 43	19°42'30	27°18	26°55	1°43	29°38	4°45	26°22	14° 0	10°29	18° 5	25°29	27° 7	27°29	n.a.	T 15
F 16	5 20 39	20°43'40	9♊10	28°36	2°19	0♑25	4°47	26°18	14° 2	10°29	18° 5	25°23	27° 4	27°36	n.a.	F 16
S 17	5 24 36	21°44'49	21° 4	0♑18	2°53	1°13	4°48	26°15	14° 5	10°29	18° 4	25°17	27° 1	27°43	n.a.	S 17
S 18	5 28 32	22°45'58	3♋ 4	1°59	3°26	2° 0	4°50	26°11	14° 7	10°29	18° 3	25°13	26°58	27°49	n.a.	S 18
M19	5 32 29	23°47'05	15° 9	3°41	3°57	2°47	4°51	26° 8	14° 9	10°28	18° 2	25°11	26°54	27°56	n.a.	M19
T 20	5 36 25	24°48'12	27°23	5°23	4°26	3°35	4°52	26° 4	14°12	10°28	18° 2	25°D10	26°51	28° 3	n.a.	T 20
W21	5 40 22	25°49'19	9♌46	7° 5	4°54	4°22	4°53	26° 0	14°14	10°28	18° 1	25°11	26°48	28° 9	n.a.	W21
T 22	5 44 18	26°50'25	22°22	8°47	5°20	5° 9	4°53	25°56	14°17	10°28	18° 0	25°13	26°45	28°16	n.a.	T 22
F 23	5 48 15	27°51'30	5♍14	10°28	5°44	5°57	4°54	25°52	14°19	10°28	17°59	25°15	26°42	28°23	n.a.	F 23
S 24	5 52 12	28°52'34	18°24	12° 9	6° 7	6°44	4°R54	25°48	14°22	10°28	17°58	25°16	26°38	28°30	n.a.	S 24
S 25	5 56 8	29°53'38	1♎54	13°49	6°27	7°31	4°54	25°44	14°25	10°28	17°57	25°R16	26°35	28°36	n.a.	S 25
M26	6 0 5	0♑54'41	15°47	15°28	6°46	8°19	4°54	25°40	14°27	10°D28	17°56	25°16	26°32	28°43	n.a.	M26
T 27	6 4 1	1°55'43	0♏ 3	17° 5	7° 2	9° 6	4°53	25°36	14°30	10°28	17°55	25°14	26°29	28°50	n.a.	T 27
W28	6 7 58	2°56'45	14°39	18°41	7°17	9°54	4°53	25°32	14°33	10°28	17°54	25°11	26°26	28°56	n.a.	W28
T 29	6 11 54	3°57'46	29°31	20°14	7°29	10°41	4°52	25°27	14°36	10°28	17°53	25° 8	26°23	29° 3	n.a.	T 29
F 30	6 15 51	4°58'46	14♐32	21°45	7°39	11°28	4°51	25°23	14°39	10°28	17°52	25° 5	26°19	29°10	n.a.	F 30
S 31	6 19 48	5♑59'45	29♐32	23♑13	7♒46	12♑16	4♍50	25♋19	14♒41	10♈28	17♎51	25♑ 3	26♑16	29♉16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21 s28	22 s43	4 s38	22 s34	1 s24	23 s47	1 s48	24 s 9	0 s56	11 n23	1 n20	21 n52	0 n52	17 s40	0 s44	2 n25	2 s 1	29 n25	14 n39	21 s 9	20 s50	23 n53			n.a.
F 2	21 39	25 29	3 54	22 56	1 29	23 34	1 43	24 14	0 56	11 22	1 20	21 53	0 53	17 39	0 44	2 25	2 0	29 25	14 39	21 11	20 51	23 54			n.a.
S 3	21 49	26 21	2 54	23 18	1 33	23 19	1 37	24 18	0 56	11 21	1 21	21 53	0 53	17 39	0 44	2 24	2 0	29 26	14 40	21 12	20 52	23 55			n.a.
S 4	21 59	25 16	1 42	23 38	1 38	23 5	1 31	24 22	0 57	11 19	1 21	21 54	0 53	17 38	0 44	2 24	2 0	29 26	14 40	21 13	20 52	23 56			n.a.
M 5	22 9	22 28	0 26	23 57	1 42	22 50	1 24	24 25	0 57	11 18	1 21	21 55	0 53	17 37	0 44	2 24	2 0	29 27	14 41	21 13	20 53	23 57			n.a.
T 6	22 18	18 22	0n50	24 14	1 45	22 35	1 18	24 28	0 57	11 17	1 21	21 55	0 53	17 37	0 44	2 24	2 0	29 27	14 41	21 13	20 54	23 59			n.a.
W 7	22 26	13 25	2 1	24 30	1 49	22 19	1 11	24 31	0 58	11 16	1 22	21 56	0 53	17 36	0 44	2 23	2 0	29 28	14 42	21 13	20 54	24 0			n.a.
T 8	22 35	8 0	3 3	24 45	1 52	22 3	1 4	24 34	0 58	11 16	1 22	21 57	0 54	17 36	0 44	2 23	2 0	29 29	14 42	21 13	20 55	24 1			n.a.
F 9	22 42	2 25	3 54	24 59	1 55	21 47	0 56	24 36	0 58	11 15	1 22	21 57	0 54	17 35	0 44	2 23	2 0	29 29	14 43	21 12	20 55	24 2			n.a.
S 10	22 50	3n 6	4 32	25 11	1 57	21 31	0 48	24 38	0 59	11 14	1 23	21 58	0 54	17 34	0 43	2 23	2 0	29 30	14 43	21 13	20 56	24 4			n.a.
S 11	22 57	8 24	4 57	25 21	1 59	21 14	0 40	24 40	0 59	11 13	1 23	21 59	0 54	17 34	0 43	2 23	2 0	29 31	14 44	21 13	20 57	24 5			n.a.
M12	23 3	13 18	5 9	25 30	2 1	20 57	0 32	24 41	0 59	11 13	1 23	22 0	0 54	17 33	0 43	2 23	2 0	29 31	14 44	21 14	20 57	24 6			n.a.
T 13	23 9	17 39	5 7	25 37	2 3	20 41	0 24	24 42	0 59	11 12	1 24	22 0	0 55	17 32	0 43	2 22	2 0	29 32	14 45	21 15	20 58	24 7			n.a.
W14	23 14	21 18	4 52	25 42	2 4	20 24	0 15	24 43	1 0	11 12	1 24	22 1	0 55	17 32	0 43	2 22	2 0	29 32	14 45	21 17	20 59	24 8			n.a.
T 15	23 19	24 4	4 24	25 46	2 4	20 6	0 6	24 44	1 0	11 11	1 24	22 2	0 55	17 31	0 43	2 22	2 0	29 33	14 46	21 18	20 59	24 9			n.a.
F 16	23 24	25 47	3 45	25 48	2 4	19 49	0n 4	24 44	1 0	11 11	1 24	22 3	0 55	17 30	0 43	2 22	2 0	29 34	14 46	21 19	21 0	24 10			n.a.
S 17	23 28	26 20	2 55	25 48	2 4	19 32	0 14	24 44	1 1	11 10	1 25	22 4	0 55	17 30	0 43	2 22	2 0	29 34	14 47	21 20	21 0	24 12			n.a.
S 18	23 32	25 39	1 58	25 46	2 3	19 15	0 24	24 44	1 1	11 10	1 25	22 4	0 55	17 29	0 43	2 22	1 59	29 35	14 47	21 21	21 1	24 13			n.a.
M19	23 35	23 46	0 55	25 42	2 2	18 57	0 34	24 43	1 1	11 10	1 25	22 5	0 56	17 28	0 43	2 22	1 59	29 36	14 48	21 21	21 2	24 14			n.a.
T 20	23 37	20 44	0 s12	25 37	2 0	18 40	0 44	24 42	1 1	11 10	1 26	22 6	0 56	17 27	0 43	2 22	1 59	29 36	14 48	21 21	21 2	24 15			n.a.
W21	23 40	16 45	1 19	25 29	1 57	18 23	0 55	24 41	1 2	11 10	1 26	22 7	0 56	17 27	0 43	2 22	1 59	29 37	14 49	21 21	21 3	24 16			n.a.
T 22	23 41	11 57	2 24	25 20	1 54	18 5	1 6	24 39	1 2	11 10	1 26	22 8	0 56	17 26	0 43	2 22	1 59	29 38	14 49	21 21	21 4	24 17			n.a.
F 23	23 43	6 34	3 22	25 8	1 50	17 48	1 18	24 37	1 2	11 10	1 27	22 9	0 56	17 25	0 43	2 22	1 59	29 39	14 49	21 21	21 4	24 18			n.a.
S 24	23 43	0 47	4 12	24 55	1 45	17 31	1 30	24 35	1 2	11 11	1 27	22 10	0 56	17 24	0 43	2 22	1 59	29 39	14 50	21 20	21 5	24 19			n.a.
S 25	23 44	5 s10	4 49	24 40	1 40	17 15	1 42	24 33	1 2	11 11	1 27	22 11	0 56	17 23	0 43	2 22	1 59	29 40	14 50	21 20	21 5	24 20			n.a.
M26	23 44	11 3	5 10	24 23	1 34	16 58	1 54	24 30	1 3	11 11	1 28	22 11	0 57	17 23	0 43	2 22	1 59	29 41	14 51	21 20	21 6	24 22			n.a.
T 27	23 43	16 30	5 13	24 4	1 27	16 42	2 7	24 27	1 3	11 12	1 28	22 12	0 57	17 22	0 43	2 22	1 59	29 41	14 51	21 21	21 7	24 23			n.a.
W28	23 42	21 8	4 57	23 43	1 19	16 26	2 20	24 24	1 3	11 12	1 28	22 13	0 57	17 21	0 43	2 22	1 59	29 42	14 51	21 21	21 7	24 24			n.a.
T 29	23 40	24 31	4 20	23 21	1 11	16 10	2 33	24 20	1 3	11 13	1 28	22 14	0 57	17 20	0 43	2 22	1 59	29 43	14 52	21 22	21 8	24 25			n.a.
F 30	23 38	26 13	3 25	22 57	1 1	15 54	2 46	24 17	1 3	11 13	1 29	22 15	0 57	17 19	0 43	2 23	1 59	29 43	14 52	21 22	21 8	24 26			n.a.
S 31	23 s35	26 s 0	2 s16	22 s33	0 s51	15 s39	3 n 0	24 s12	1 s 4	11 n14	1 n29	22 n16	0 n57	17 s18	0 s43	2 n23	1 s59	29 n44	14 n53	21 s23	21 s 9	24 n27			n.a.

Julian Day Number = 1625696.5, Delta T = 03h44m53s
Ecliptic obliquity = 23°43'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'20, Lahiri = - 7°34'19 Julian Calendar 1 Dec. 263 BCE == Greg. Calendar 27 Nov. 263 BCE

The year -262 astronomical counting style corresponds to year 263 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

JANUARY 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 23 44	7♑ 0'43	14♑24	24♑37	7♒52	13♑ 3	4°R48	25°R14	14♒44	10♈28	17°R50	25°R 2	26♑13	29♉23	n.a.	S 1
M 2	6 27 41	8° 1'40	28°59	25°56	7°55	13°51	4♍47	25♋10	14°47	10°28	17♌49	25°D 2	26°10	29°30	n.a.	M 2
T 3	6 31 37	9° 2'35	13♒12	27°11	7°R55	14°38	4°45	25° 5	14°50	10°29	17°48	25♑ 2	26° 7	29°37	n.a.	T 3
W 4	6 35 34	10° 3'28	26°59	28°19	7°53	15°25	4°43	25° 1	14°53	10°29	17°47	25° 3	26° 4	29°43	n.a.	W 4
T 5	6 39 30	11° 4'20	10♓19	29°21	7°49	16°13	4°41	24°56	14°56	10°29	17°46	25° 5	26° 0	29°50	n.a.	T 5
F 6	6 43 27	12° 5'11	23°15	0♒16	7°42	17° 0	4°39	24°51	14°59	10°30	17°44	25° 6	25°57	29°57	n.a.	F 6
S 7	6 47 23	13° 6'00	5♈49	1° 2	7°32	17°48	4°36	24°47	15° 2	10°30	17°43	25° 6	25°54	0♊ 3	n.a.	S 7
S 8	6 51 20	14° 6'47	18° 6	1°39	7°20	18°35	4°34	24°42	15° 5	10°31	17°42	25°R 6	25°51	0°10	n.a.	S 8
M 9	6 55 17	15° 7'32	0♉ 9	2° 7	7° 5	19°23	4°31	24°37	15° 8	10°31	17°41	25° 6	25°48	0°17	n.a.	M 9
T 10	6 59 13	16° 8'16	12° 4	2°25	6°48	20°10	4°28	24°32	15°11	10°32	17°39	25° 5	25°44	0°23	n.a.	T 10
W11	7 3 10	17° 8'58	23°55	2°R32	6°28	20°57	4°25	24°28	15°14	10°32	17°38	25° 4	25°41	0°30	n.a.	W11
T 12	7 7 6	18° 9'38	5♊46	2°28	6° 6	21°45	4°21	24°23	15°17	10°33	17°37	25° 3	25°38	0°37	n.a.	T 12
F 13	7 11 3	19°10'17	17°39	2°14	5°42	22°32	4°18	24°18	15°21	10°33	17°35	25° 2	25°35	0°44	n.a.	F 13
S 14	7 14 59	20°10'54	29°39	1°49	5°16	23°19	4°14	24°13	15°24	10°34	17°34	25° 1	25°32	0°50	n.a.	S 14
S 15	7 18 56	21°11'29	11♋48	1°15	4°47	24° 7	4°10	24° 8	15°27	10°35	17°33	25° 1	25°29	0°57	n.a.	S 15
M16	7 22 52	22°12'03	24° 6	0°31	4°17	24°54	4° 6	24° 4	15°30	10°35	17°31	25°D 1	25°25	1° 4	n.a.	M16
T 17	7 26 49	23°12'35	6♌36	29♑40	3°45	25°42	4° 2	23°59	15°33	10°36	17°30	25° 1	25°22	1°10	n.a.	T 17
W18	7 30 46	24°13'05	19°18	28°42	3°11	26°29	3°57	23°54	15°37	10°37	17°29	25° 1	25°19	1°17	n.a.	W18
T 19	7 34 42	25°13'34	2♍14	27°40	2°36	27°16	3°53	23°49	15°40	10°38	17°27	25°R 1	25°16	1°24	n.a.	T 19
F 20	7 38 39	26°14'01	15°22	26°34	2° 0	28° 3	3°48	23°44	15°43	10°39	17°26	25° 1	25°13	1°30	n.a.	F 20
S 21	7 42 35	27°14'26	28°45	25°27	1°24	28°51	3°43	23°39	15°46	10°40	17°24	25° 1	25°10	1°37	n.a.	S 21
S 22	7 46 32	28°14'50	12♎23	24°20	0°46	29°38	3°38	23°35	15°50	10°40	17°23	25° 1	25° 6	1°44	n.a.	S 22
M23	7 50 28	29°15'13	26°14	23°15	0° 9	0♒25	3°33	23°30	15°53	10°41	17°21	25°D 0	25° 3	1°51	n.a.	M23
T 24	7 54 25	0♒15'34	10♏19	22°14	29♑31	1°13	3°27	23°25	15°56	10°42	17°20	25° 0	25° 0	1°57	n.a.	T 24
W25	7 58 21	1°15'54	24°37	21°17	28°54	2° 0	3°22	23°20	16° 0	10°43	17°18	25° 1	24°57	2° 4	n.a.	W25
T 26	8 2 18	2°16'12	9♐ 4	20°25	28°17	2°47	3°16	23°15	16° 3	10°44	17°17	25° 1	24°54	2°11	n.a.	T 26
F 27	8 6 15	3°16'28	23°37	19°40	27°40	3°34	3°11	23°11	16° 7	10°46	17°15	25° 2	24°50	2°17	n.a.	F 27
S 28	8 10 11	4°16'43	8♑11	19° 2	27° 5	4°21	3° 5	23° 6	16°10	10°47	17°14	25° 3	24°47	2°24	n.a.	S 28
S 29	8 14 8	5°16'56	22°40	18°30	26°31	5° 9	2°59	23° 1	16°13	10°48	17°12	25°R 3	24°44	2°31	n.a.	S 29
M30	8 18 4	6°17'08	6♒59	18° 6	25°58	5°56	2°52	22°57	16°17	10°49	17°11	25° 3	24°41	2°37	n.a.	M30
T 31	8 22 1	7♒17'17	21♒ 2	17♑49	25♑26	6♒43	2♍46	22♋52	16♒20	10♈50	17♌ 9	25♑ 2	24♑38	2♊44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23 s32	23 s54	0 s58	22 s 7	0 s40	15 s25	3n13	24 s 8	1 s 4	11n15	1n29	22n17	0n57	17 s18	0 s43	2n23	1 s59	29n45	14n53	21 s23	21 s10	24n28			n.a.
M 2	23 29	20 15	0n22	21 40	0 28	15 10	3 27	24 3	1 4	11 16	1 30	22 18	0 58	17 17	0 43	2 23	1 58	29 46	14 53	21 23	21 10	24 29			n.a.
T 3	23 25	15 29	1 39	21 13	0 15	14 57	3 41	23 58	1 4	11 17	1 30	22 19	0 58	17 16	0 43	2 23	1 58	29 46	14 54	21 23	21 11	24 30			n.a.
W 4	23 20	10 3	2 48	20 45	0 1	14 43	3 56	23 53	1 4	11 18	1 30	22 20	0 58	17 15	0 43	2 23	1 58	29 47	14 54	21 23	21 11	24 31			n.a.
T 5	23 16	4 19	3 45	20 18	0n14	14 30	4 10	23 48	1 4	11 19	1 31	22 21	0 58	17 14	0 43	2 24	1 58	29 48	14 55	21 22	21 12	24 32			n.a.
F 6	23 10	1n24	4 29	19 51	0 30	14 18	4 25	23 42	1 4	11 20	1 31	22 22	0 58	17 13	0 43	2 24	1 58	29 49	14 55	21 22	21 13	24 33			n.a.
S 7	23 4	6 54	4 59	19 25	0 46	14 7	4 39	23 36	1 4	11 21	1 31	22 23	0 58	17 12	0 43	2 24	1 58	29 49	14 55	21 22	21 13	24 34			n.a.
S 8	22 58	12 1	5 14	19 1	1 3	13 56	4 53	23 29	1 5	11 22	1 31	22 24	0 58	17 11	0 43	2 24	1 58	29 50	14 56	21 22	21 14	24 35			n.a.
M 9	22 51	16 34	5 16	18 38	1 20	13 46	5 8	23 23	1 5	11 23	1 32	22 25	0 58	17 10	0 43	2 24	1 58	29 51	14 56	21 22	21 14	24 36			n.a.
T 10	22 44	20 26	5 3	18 17	1 37	13 36	5 22	23 16	1 5	11 25	1 32	22 26	0 59	17 9	0 43	2 25	1 58	29 51	14 56	21 22	21 15	24 37			n.a.
W11	22 37	23 27	4 38	17 58	1 54	13 27	5 36	23 8	1 5	11 26	1 32	22 27	0 59	17 8	0 43	2 25	1 58	29 52	14 57	21 23	21 16	24 38			n.a.
T 12	22 29	25 28	4 0	17 43	2 12	13 19	5 50	23 1	1 5	11 28	1 33	22 28	0 59	17 7	0 43	2 25	1 58	29 53	14 57	21 23	21 16	24 39			n.a.
F 13	22 20	26 21	3 13	17 30	2 28	13 12	6 3	22 53	1 5	11 29	1 33	22 29	0 59	17 7	0 43	2 26	1 58	29 54	14 57	21 23	21 17	24 40			n.a.
S 14	22 11	26 0	2 16	17 20	2 44	13 5	6 17	22 45	1 5	11 31	1 33	22 30	0 59	17 6	0 43	2 26	1 58	29 54	14 57	21 23	21 17	24 41			n.a.
S 15	22 2	24 24	1 13	17 13	2 59	13 0	6 29	22 37	1 5	11 33	1 33	22 31	0 59	17 5	0 43	2 26	1 58	29 55	14 58	21 23	21 18	24 42			n.a.
M16	21 52	21 38	0 5	17 10	3 12	12 55	6 42	22 29	1 5	11 35	1 34	22 32	0 59	17 4	0 43	2 27	1 58	29 56	14 58	21 23	21 19	24 43			n.a.
T 17	21 42	17 49	1 s 4	17 9	3 24	12 51	6 53	22 20	1 5	11 36	1 34	22 33	0 59	17 3	0 43	2 27	1 57	29 57	14 58	21 23	21 19	24 44			n.a.
W18	21 32	13 8	2 11	17 11	3 33	12 48	7 4	22 11	1 5	11 38	1 34	22 34	0 59	17 2	0 43	2 27	1 57	29 57	14 59	21 23	21 20	24 44			n.a.
T 19	21 21	7 49	3 12	17 16	3 41	12 45	7 15	22 2	1 5	11 40	1 34	22 35	1 0	17 1	0 43	2 28	1 57	29 58	14 59	21 23	21 20	24 45			n.a.
F 20	21 10	2 5	4 5	17 24	3 46	12 44	7 25	21 52	1 5	11 42	1 35	22 36	1 0	17 0	0 43	2 28	1 57	29 59	14 59	21 23	21 21	24 46			n.a.
S 21	20 58	3 s51	4 45	17 33	3 49	12 43	7 33	21 42	1 5	11 44	1 35	22 37	1 0	16 59	0 43	2 29	1 57	29 59	14 59	21 23	21 22	24 47			n.a.
S 22	20 46	9 41	5 10	17 44	3 50	12 43	7 42	21 32	1 5	11 46	1 35	22 37	1 0	16 58	0 43	2 29	1 57	30 0	14 59	21 23	21 22	24 48			n.a.
M23	20 33	15 9	5 17	17 57	3 49	12 44	7 49	21 22	1 5	11 48	1 35	22 38	1 0	16 57	0 43	2 29	1 57	30 1	15 0	21 23	21 23	24 49			n.a.
T 24	20 20	19 55	5 6	18 10	3 45	12 45	7 55	21 12	1 5	11 51	1 36	22 39	1 0	16 56	0 43	2 30	1 57	30 1	15 0	21 23	21 23	24 50			n.a.
W25	20 7	23 36	4 36	18 24	3 40	12 47	8 0	21 1	1 5	11 53	1 36	22 40	1 0	16 55	0 43	2 30	1 57	30 2	15 0	21 23	21 24	24 51			n.a.
T 26	19 54	25 50	3 48	18 39	3 33	12 50	8 5	20 50	1 5	11 55	1 36	22 41	1 0	16 54	0 43	2 31	1 57	30 3	15 0	21 23	21 24	24 52			n.a.
F 27	19 40	26 20	2 46	18 54	3 24	12 54	8 9	20 39	1 5	11 57	1 36	22 42	1 0	16 53	0 43	2 31	1 57	30 4	15 1	21 23	21 25	24 52			n.a.
S 28	19 25	25 0	1 32	19 9	3 14	12 58	8 11	20 28	1 5	12 0	1 37	22 43	1 0	16 52	0 43	2 32	1 57	30 4	15 1	21 23	21 26	24 53			n.a.
S 29	19 11	22 1	0 13	19 24	3 4	13 2	8 13	20 16	1 5	12 2	1 37	22 44	1 0	16 50	0 43	2 32	1 57	30 5	15 1	21 23	21 26	24 54			n.a.
M30	18 56	17 42	1n 6	19 39	2 52	13 7	8 14	20 4	1 5	12 5	1 37	22 45	1 1	16 49	0 43	2 33	1 57	30 6	15 1	21 23	21 27	24 55			n.a.
T 31	18 s40	12 s28	2n19	19 s53	2n40	13 s13	8n14	19 s52	1 s 5	12n 7	1n37	22n46	1n 1	16 s48	0 s43	2n33	1 s57	30n 6	15n 1	21 s23	21 s27	24n56			n.a.

Julian Day Number = 1625727.5, Delta T = 03h44m52s
Ecliptic obliquity = 23°43'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'15, Lahiri = - 7°34'15 Julian Calendar 1 Jan. 262 BCE == Greg. Calendar 28 Dec. 263 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

FEBRUARY 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 25 57	8♒17'24	4♓45	17°R38	24°R57	7♒30	2°R40	22°R47	16♒23	10♈51	17°R 7	25°R 1	24♉35	2♊51	n.a.	W 1
T 2	8 29 54	9°17'29	18° 7	17°D35	24♉29	8°17	2♍33	22♋43	16°27	10°53	17♌ 6	24♉59	24°31	2°57	n.a.	T 2
F 3	8 33 50	10°17'32	1♈ 6	17♉37	24° 4	9° 4	2°27	22°38	16°30	10°54	17° 4	24°56	24°28	3° 4	n.a.	F 3
S 4	8 37 47	11°17'32	13°45	17°46	23°40	9°51	2°20	22°34	16°34	10°55	17° 3	24°54	24°25	3°11	n.a.	S 4
S 5	8 41 44	12°17'30	26° 5	18° 1	23°19	10°38	2°13	22°29	16°37	10°57	17° 1	24°53	24°22	3°18	n.a.	S 5
M 6	8 45 40	13°17'26	8♉11	18°21	23° 0	11°25	2° 6	22°25	16°41	10°58	16°59	24°D52	24°19	3°24	n.a.	M 6
T 7	8 49 37	14°17'20	20° 7	18°46	22°43	12°12	1°59	22°21	16°44	10°59	16°58	24°52	24°16	3°31	n.a.	T 7
W 8	8 53 33	15°17'12	1♊59	19°16	22°29	12°59	1°52	22°16	16°47	11° 1	16°56	24°53	24°12	3°38	n.a.	W 8
T 9	8 57 30	16°17'01	13°49	19°51	22°17	13°46	1°45	22°12	16°51	11° 2	16°55	24°54	24° 9	3°44	n.a.	T 9
F 10	9 1 26	17°16'48	25°45	20°30	22° 8	14°33	1°37	22° 8	16°54	11° 4	16°53	24°56	24° 6	3°51	n.a.	F 10
S 11	9 5 23	18°16'32	7♋49	21°12	22° 1	15°20	1°30	22° 4	16°58	11° 5	16°51	24°58	24° 3	3°58	n.a.	S 11
S 12	9 9 19	19°16'15	20° 5	21°59	21°57	16° 7	1°23	22° 0	17° 1	11° 7	16°50	24°R59	24° 0	4° 4	n.a.	S 12
M13	9 13 16	20°15'55	2♌36	22°48	21°D55	16°53	1°15	21°56	17° 5	11° 8	16°48	24°58	23°56	4°11	n.a.	M13
T 14	9 17 13	21°15'33	15°23	23°41	21°56	17°40	1° 8	21°52	17° 8	11°10	16°47	24°57	23°53	4°18	n.a.	T 14
W15	9 21 9	22°15'08	28°27	24°37	21°59	18°27	1° 0	21°48	17°12	11°11	16°45	24°54	23°50	4°24	n.a.	W15
T 16	9 25 6	23°14'42	11♍47	25°36	22° 4	19°14	0°53	21°44	17°15	11°13	16°44	24°50	23°47	4°31	n.a.	T 16
F 17	9 29 2	24°14'13	25°22	26°38	22°12	20° 0	0°45	21°41	17°18	11°15	16°42	24°46	23°44	4°38	n.a.	F 17
S 18	9 32 59	25°13'43	9♎ 9	27°42	22°22	20°47	0°37	21°37	17°22	11°16	16°40	24°41	23°41	4°45	n.a.	S 18
S 19	9 36 55	26°13'10	23° 5	28°48	22°34	21°33	0°30	21°34	17°25	11°18	16°39	24°37	23°37	4°51	n.a.	S 19
M20	9 40 52	27°12'36	7♏ 8	29°57	22°48	22°20	0°22	21°30	17°29	11°20	16°37	24°34	23°34	4°58	n.a.	M20
T 21	9 44 48	28°12'00	21°16	1♐ 8	23° 4	23° 7	0°14	21°27	17°32	11°21	16°36	24°33	23°31	5° 5	n.a.	T 21
W22	9 48 45	29°11'22	5♐26	2°21	23°22	23°53	0° 6	21°23	17°35	11°23	16°34	24°D33	23°28	5°11	n.a.	W22
T 23	9 52 41	0♓10'42	19°37	3°36	23°42	24°40	29♌59	21°20	17°39	11°25	16°33	24°34	23°25	5°18	n.a.	T 23
F 24	9 56 38	1°10'01	3♉46	4°53	24° 4	25°26	29°51	21°17	17°42	11°27	16°31	24°35	23°22	5°25	n.a.	F 24
S 25	10 0 35	2° 9'18	17°53	6°12	24°28	26°12	29°43	21°14	17°45	11°29	16°30	24°R36	23°18	5°31	n.a.	S 25
S 26	10 4 31	3° 8'32	1♒53	7°32	24°53	26°59	29°35	21°11	17°49	11°30	16°28	24°36	23°15	5°38	n.a.	S 26
M27	10 8 28	4° 7'45	15°46	8°54	25°20	27°45	29°28	21° 8	17°52	11°32	16°26	24°34	23°12	5°45	n.a.	M27
T 28	10 12 24	5♓ 6'55	29♒27	10♒18	25♉49	28♒31	29♌20	21♋ 5	17♒55	11♈34	16♌25	24♉31	23♉ 9	5♊51	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s25	6s45	3n22	20s 7	2n27	13s19	8n13	19s40	1s 5	12n10	1n37	22n46	1n 1	16s47	0s43	2n34	1s57	30n 7	15n 1	21s23	21s28	24n57		n.a.
T 2	18 9	0 53	4 13	20 20	2 14	13 26	8 11	19 28	1 5	12 12	1 38	22 47	1 1	16 46	0 43	2 34	1 56	30 7	15 1	21 24	21 29	24 57		n.a.
F 3	17 52	4n51	4 49	20 33	2 1	13 32	8 8	19 15	1 5	12 15	1 38	22 48	1 1	16 45	0 43	2 35	1 56	30 8	15 2	21 24	21 29	24 58		n.a.
S 4	17 36	10 14	5 10	20 44	1 48	13 39	8 5	19 2	1 5	12 17	1 38	22 49	1 1	16 44	0 43	2 35	1 56	30 9	15 2	21 24	21 30	24 59		n.a.
S 5	17 19	15 5	5 16	20 55	1 35	13 47	8 1	18 49	1 5	12 20	1 38	22 50	1 1	16 43	0 43	2 36	1 56	30 9	15 2	21 25	21 30	25 0		n.a.
M 6	17 2	19 14	5 7	21 6	1 22	13 54	7 57	18 36	1 5	12 23	1 38	22 50	1 1	16 42	0 43	2 37	1 56	30 10	15 2	21 25	21 31	25 1		n.a.
T 7	16 44	22 34	4 46	21 15	1 10	14 2	7 51	18 23	1 5	12 25	1 38	22 51	1 1	16 41	0 43	2 37	1 56	30 11	15 2	21 25	21 31	25 1		n.a.
W 8	16 27	24 55	4 12	21 23	0 57	14 10	7 46	18 9	1 5	12 28	1 39	22 52	1 1	16 40	0 43	2 38	1 56	30 11	15 2	21 25	21 32	25 2		n.a.
T 9	16 9	26 10	3 28	21 30	0 45	14 18	7 39	17 55	1 4	12 31	1 39	22 53	1 1	16 39	0 43	2 38	1 56	30 12	15 2	21 24	21 32	25 3		n.a.
F 10	15 51	26 14	2 34	21 36	0 33	14 26	7 33	17 41	1 4	12 34	1 39	22 53	1 1	16 38	0 43	2 39	1 56	30 12	15 2	21 24	21 33	25 4		n.a.
S 11	15 32	25 3	1 33	21 41	0 21	14 34	7 25	17 27	1 4	12 36	1 39	22 54	1 1	16 37	0 43	2 40	1 56	30 13	15 2	21 24	21 34	25 4		n.a.
S 12	15 13	22 39	0 27	21 45	0 10	14 43	7 18	17 13	1 4	12 39	1 39	22 55	1 1	16 36	0 43	2 40	1 56	30 14	15 2	21 24	21 34	25 5		n.a.
M13	14 54	19 8	0s42	21 48	0s 1	14 51	7 10	16 59	1 4	12 42	1 39	22 56	1 1	16 35	0 43	2 41	1 56	30 14	15 2	21 24	21 35	25 6		n.a.
T 14	14 35	14 40	1 50	21 49	0 12	14 59	7 2	16 44	1 4	12 45	1 39	22 56	1 1	16 34	0 43	2 42	1 56	30 15	15 2	21 24	21 35	25 7		n.a.
W15	14 16	9 27	2 53	21 49	0 22	15 7	6 53	16 29	1 4	12 48	1 39	22 57	1 1	16 33	0 43	2 42	1 56	30 15	15 2	21 24	21 36	25 7		n.a.
T 16	13 56	3 42	3 49	21 48	0 32	15 14	6 44	16 14	1 3	12 51	1 40	22 58	1 1	16 32	0 43	2 43	1 56	30 16	15 2	21 25	21 36	25 8		n.a.
F 17	13 36	2s18	4 32	21 46	0 42	15 22	6 36	15 59	1 3	12 53	1 40	22 58	1 1	16 31	0 43	2 44	1 56	30 16	15 2	21 26	21 37	25 9		n.a.
S 18	13 16	8 16	5 1	21 42	0 51	15 29	6 27	15 44	1 3	12 56	1 40	22 59	1 2	16 30	0 43	2 44	1 56	30 17	15 2	21 27	21 37	25 9		n.a.
S 19	12 56	13 54	5 12	21 37	0 59	15 37	6 17	15 29	1 3	12 59	1 40	22 59	1 2	16 28	0 43	2 45	1 56	30 17	15 2	21 27	21 38	25 10		n.a.
M20	12 35	18 51	5 5	21 30	1 7	15 43	6 8	15 13	1 3	13 2	1 40	23 0	1 2	16 27	0 43	2 46	1 56	30 18	15 2	21 28	21 39	25 11		n.a.
T 21	12 15	22 47	4 39	21 22	1 15	15 50	5 59	14 58	1 3	13 5	1 40	23 1	1 2	16 26	0 43	2 47	1 55	30 18	15 2	21 28	21 39	25 11		n.a.
W22	11 54	25 20	3 56	21 13	1 23	15 57	5 49	14 42	1 2	13 8	1 40	23 1	1 2	16 25	0 43	2 47	1 55	30 19	15 2	21 28	21 40	25 12		n.a.
T 23	11 33	26 18	2 59	21 2	1 30	16 3	5 40	14 26	1 2	13 10	1 40	23 2	1 2	16 24	0 43	2 48	1 55	30 19	15 2	21 28	21 40	25 13		n.a.
F 24	11 11	25 31	1 51	20 50	1 36	16 8	5 30	14 10	1 2	13 13	1 40	23 2	1 2	16 23	0 43	2 49	1 55	30 20	15 2	21 28	21 41	25 13		n.a.
S 25	10 50	23 7	0 37	20 36	1 42	16 14	5 21	13 54	1 2	13 16	1 40	23 3	1 2	16 22	0 43	2 50	1 55	30 20	15 2	21 28	21 41	25 14		n.a.
S 26	10 28	19 20	0n40	20 21	1 48	16 19	5 11	13 38	1 2	13 19	1 40	23 3	1 2	16 21	0 43	2 50	1 55	30 21	15 2	21 28	21 42	25 15		n.a.
M27	10 7	14 31	1 52	20 4	1 53	16 23	5 1	13 21	1 1	13 22	1 40	23 4	1 2	16 20	0 43	2 51	1 55	30 21	15 2	21 28	21 42	25 15		n.a.
T 28	9s45	9s 2	2n58	19s45	1s58	16s28	4n52	13s 5	1s 1	13n24	1n40	23n 4	1n 2	16s19	0s43	2n52	1s55	30n21	15n 2	21s29	21s43	25n16		n.a.

Julian Day Number = 1625758.5, Delta T = 03h44m50s
Ecliptic obliquity = 23°43'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'11, Lahiri = - 7°34'11 Julian Calendar 1 Feb. 262 BCE == Greg. Calendar 28 Jan. 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

MARCH 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 16 21	6♓ 6'04	12♓54	11♒44	26♉19	29♒18	29°R12	21°R 2	17♒59	11♈36	16°R23	24°R25	23♉ 6	5♊58	n.a.	W 1
T 2	10 20 17	7° 5'10	26° 5	13°11	26°50	0♓ 4	29♌ 5	21♋ 0	18° 2	11°38	16♌22	24♉18	23° 2	6° 5	n.a.	T 2
F 3	10 24 14	8° 4'14	8♈59	14°40	27°23	0°50	28°57	20°57	18° 5	11°40	16°21	24°10	22°59	6°12	n.a.	F 3
S 4	10 28 10	9° 3'15	21°35	16°10	27°57	1°36	28°49	20°55	18° 9	11°42	16°19	24° 2	22°56	6°18	n.a.	S 4
S 5	10 32 7	10° 2'15	3♉55	17°42	28°33	2°22	28°42	20°52	18°12	11°44	16°18	23°56	22°53	6°25	n.a.	S 5
M 6	10 36 4	11° 1'12	16° 1	19°15	29°10	3° 8	28°34	20°50	18°15	11°46	16°16	23°50	22°50	6°32	n.a.	M 6
T 7	10 40 0	12° 0'06	27°58	20°50	29°48	3°54	28°27	20°48	18°18	11°48	16°15	23°47	22°47	6°38	n.a.	T 7
W 8	10 43 57	12°58'59	9♊49	22°27	0♒27	4°40	28°20	20°46	18°22	11°50	16°13	23°D46	22°43	6°45	n.a.	W 8
T 9	10 47 53	13°57'49	21°40	24° 5	1° 7	5°26	28°13	20°44	18°25	11°52	16°12	23°46	22°40	6°52	n.a.	T 9
F 10	10 51 50	14°56'37	3♋35	25°44	1°49	6°12	28° 5	20°42	18°28	11°54	16°11	23°47	22°37	6°58	n.a.	F 10
S 11	10 55 46	15°55'22	15°41	27°25	2°31	6°58	27°58	20°40	18°31	11°56	16° 9	23°48	22°34	7° 5	n.a.	S 11
S 12	10 59 43	16°54'05	28° 0	29° 8	3°14	7°44	27°51	20°39	18°34	11°58	16° 8	23°R49	22°31	7°12	n.a.	S 12
M13	11 3 39	17°52'46	10♌39	0♓52	3°59	8°29	27°44	20°37	18°37	12° 0	16° 7	23°47	22°28	7°18	n.a.	M13
T 14	11 7 36	18°51'24	23°39	2°37	4°44	9°15	27°37	20°36	18°40	12° 2	16° 5	23°44	22°24	7°25	n.a.	T 14
W15	11 11 33	19°50'00	7♍ 1	4°25	5°30	10° 1	27°31	20°35	18°43	12° 4	16° 4	23°38	22°21	7°32	n.a.	W15
T 16	11 15 29	20°48'34	20°44	6°13	6°17	10°46	27°24	20°33	18°46	12° 7	16° 3	23°30	22°18	7°38	n.a.	T 16
F 17	11 19 26	21°47'06	4♎45	8° 3	7° 5	11°32	27°17	20°32	18°50	12° 9	16° 2	23°20	22°15	7°45	n.a.	F 17
S 18	11 23 22	22°45'36	19° 0	9°55	7°53	12°17	27°11	20°31	18°53	12°11	16° 0	23°11	22°12	7°52	n.a.	S 18
S 19	11 27 19	23°44'05	3♏24	11°49	8°42	13° 3	27° 5	20°30	18°55	12°13	15°59	23° 2	22° 8	7°58	n.a.	S 19
M20	11 31 15	24°42'31	17°49	13°44	9°32	13°48	26°59	20°29	18°58	12°15	15°58	22°55	22° 5	8° 5	n.a.	M20
T 21	11 35 12	25°40'56	2♐11	15°40	10°23	14°34	26°52	20°29	19° 1	12°17	15°57	22°51	22° 2	8°12	n.a.	T 21
W22	11 39 8	26°39'19	16°27	17°38	11°14	15°19	26°47	20°28	19° 4	12°19	15°56	22°49	21°59	8°19	n.a.	W22
T 23	11 43 5	27°37'41	0♑35	19°38	12° 6	16° 4	26°41	20°28	19° 7	12°22	15°55	22°D48	21°56	8°25	n.a.	T 23
F 24	11 47 1	28°36'01	14°32	21°39	12°59	16°50	26°35	20°27	19°10	12°24	15°54	22°49	21°53	8°32	n.a.	F 24
S 25	11 50 58	29°34'19	28°19	23°42	13°52	17°35	26°29	20°27	19°13	12°26	15°52	22°R49	21°49	8°39	n.a.	S 25
S 26	11 54 55	0♈32'36	11♒57	25°45	14°46	18°20	26°24	20°27	19°16	12°28	15°51	22°47	21°46	8°45	n.a.	S 26
M27	11 58 51	1°30'51	25°24	27°51	15°40	19° 5	26°19	20°D27	19°18	12°30	15°50	22°44	21°43	8°52	n.a.	M27
T 28	12 2 48	2°29'04	8♓41	29°57	16°35	19°50	26°14	20°27	19°21	12°33	15°49	22°37	21°40	8°59	n.a.	T 28
W29	12 6 44	3°27'15	21°46	2♈ 4	17°30	20°35	26° 9	20°27	19°24	12°35	15°48	22°28	21°37	9° 5	n.a.	W29
T 30	12 10 41	4°25'25	4♈39	4°12	18°26	21°20	26° 4	20°27	19°26	12°37	15°48	22°16	21°33	9°12	n.a.	T 30
F 31	12 14 37	5♈23'33	17♈19	6♈21	19♒22	22♓ 5	25♌59	20♋27	19♒29	12♈39	15♌47	22♉ 4	21♉30	9♊19	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	9s23	3s14	3n52	19s26	2s 2	16s31	4n42	12s48	1s 1	13n27	1n40	23n 5	1n 2	16s18	0s43	2n53	1s55	30n22	15n 2	21s30	21s43	25n17			n.a.
T 2	9 1	2n35	4 32	19 4	2 6	16 35	4 33	12 32	1 1	13 30	1 40	23 5	1 2	16 17	0 43	2 54	1 55	30 22	15 2	21 31	21 44	25 17			n.a.
F 3	8 39	8 9	4 58	18 41	2 9	16 38	4 23	12 15	1 0	13 32	1 40	23 5	1 2	16 16	0 43	2 54	1 55	30 23	15 2	21 32	21 45	25 18			n.a.
S 4	8 16	13 16	5 8	18 17	2 12	16 40	4 14	11 58	1 0	13 35	1 40	23 6	1 2	16 15	0 43	2 55	1 55	30 23	15 2	21 34	21 45	25 18			n.a.
S 5	7 54	17 43	5 4	17 51	2 15	16 42	4 5	11 41	1 0	13 38	1 40	23 6	1 2	16 14	0 43	2 56	1 55	30 23	15 1	21 35	21 46	25 19			n.a.
M 6	7 31	21 23	4 46	17 23	2 16	16 44	3 56	11 24	1 0	13 40	1 40	23 7	1 2	16 13	0 43	2 57	1 55	30 24	15 1	21 36	21 46	25 20			n.a.
T 7	7 9	24 5	4 16	16 54	2 18	16 45	3 46	11 7	0 59	13 43	1 40	23 7	1 2	16 12	0 43	2 58	1 55	30 24	15 1	21 36	21 47	25 20			n.a.
W 8	6 46	25 44	3 35	16 23	2 19	16 46	3 37	10 50	0 59	13 46	1 40	23 7	1 2	16 11	0 43	2 58	1 55	30 24	15 1	21 37	21 47	25 21			n.a.
T 9	6 23	26 12	2 44	15 51	2 19	16 46	3 28	10 32	0 59	13 48	1 40	23 7	1 2	16 10	0 43	2 59	1 55	30 25	15 1	21 36	21 48	25 21			n.a.
F 10	6 0	25 27	1 47	15 17	2 19	16 45	3 19	10 15	0 58	13 51	1 40	23 8	1 2	16 9	0 43	3 0	1 55	30 25	15 1	21 36	21 48	25 22			n.a.
S 11	5 37	23 31	0 44	14 41	2 19	16 45	3 11	9 57	0 58	13 53	1 40	23 8	1 2	16 8	0 43	3 1	1 55	30 25	15 1	21 36	21 49	25 22			n.a.
S 12	5 14	20 26	0s23	14 4	2 18	16 43	3 2	9 40	0 58	13 55	1 40	23 8	1 2	16 7	0 43	3 2	1 55	30 25	15 0	21 36	21 49	25 23			n.a.
M13	4 51	16 21	1 29	13 25	2 16	16 41	2 53	9 22	0 57	13 58	1 40	23 9	1 2	16 6	0 43	3 3	1 55	30 26	15 0	21 36	21 50	25 24			n.a.
T 14	4 28	11 24	2 33	12 45	2 14	16 39	2 45	9 5	0 57	14 0	1 40	23 9	1 2	16 5	0 43	3 3	1 55	30 26	15 0	21 37	21 50	25 24			n.a.
W15	4 4	5 48	3 30	12 3	2 12	16 36	2 36	8 47	0 57	14 2	1 40	23 9	1 2	16 4	0 43	3 4	1 55	30 26	15 0	21 38	21 51	25 25			n.a.
T 16	3 41	0s12	4 16	11 20	2 9	16 32	2 28	8 29	0 56	14 5	1 40	23 9	1 2	16 3	0 43	3 5	1 55	30 26	15 0	21 39	21 51	25 25			n.a.
F 17	3 18	6 19	4 49	10 35	2 5	16 28	2 20	8 11	0 56	14 7	1 39	23 9	1 2	16 3	0 43	3 6	1 55	30 27	14 59	21 41	21 52	25 26			n.a.
S 18	2 54	12 12	5 3	9 48	2 1	16 24	2 12	7 53	0 56	14 9	1 39	23 9	1 2	16 2	0 43	3 7	1 55	30 27	14 59	21 43	21 53	25 26			n.a.
S 19	2 31	17 28	4 59	9 0	1 56	16 19	2 4	7 35	0 55	14 11	1 39	23 10	1 2	16 1	0 43	3 8	1 55	30 27	14 59	21 44	21 53	25 27			n.a.
M20	2 8	21 46	4 36	8 11	1 51	16 13	1 56	7 17	0 55	14 13	1 39	23 10	1 2	16 0	0 43	3 9	1 55	30 27	14 59	21 45	21 54	25 27			n.a.
T 21	1 44	24 42	3 56	7 20	1 45	16 7	1 48	6 59	0 55	14 15	1 39	23 10	1 2	15 59	0 43	3 9	1 55	30 27	14 58	21 46	21 54	25 28			n.a.
W22	1 21	26 2	3 1	6 27	1 39	16 0	1 41	6 41	0 54	14 17	1 39	23 10	1 2	15 58	0 43	3 10	1 55	30 27	14 58	21 46	21 55	25 28			n.a.
T 23	0 57	25 39	1 56	5 34	1 32	15 53	1 33	6 23	0 54	14 19	1 39	23 10	1 2	15 57	0 43	3 11	1 55	30 27	14 58	21 46	21 55	25 29			n.a.
F 24	0 34	23 39	0 44	4 39	1 25	15 45	1 26	6 5	0 54	14 21	1 39	23 10	1 2	15 56	0 43	3 12	1 55	30 28	14 58	21 46	21 56	25 29			n.a.
S 25	0 10	20 16	0n29	3 43	1 17	15 37	1 18	5 47	0 53	14 23	1 38	23 10	1 2	15 55	0 43	3 13	1 55	30 28	14 57	21 46	21 56	25 29			n.a.
S 26	0n13	15 49	1 40	2 45	1 9	15 28	1 11	5 29	0 53	14 24	1 38	23 10	1 2	15 54	0 43	3 14	1 54	30 28	14 57	21 47	21 57	25 30			n.a.
M27	0 37	10 38	2 44	1 47	1 0	15 19	1 4	5 10	0 52	14 26	1 38	23 10	1 2	15 54	0 43	3 15	1 54	30 28	14 57	21 47	21 57	25 30			n.a.
T 28	1 0	5 3	3 38	0 48	0 51	15 9	0 57	4 52	0 52	14 28	1 38	23 10	1 2	15 53	0 43	3 16	1 54	30 28	14 57	21 48	21 58	25 31			n.a.
W29	1 23	0n40	4 20	0n12	0 41	14 58	0 51	4 34	0 52	14 29	1 38	23 10	1 2	15 52	0 43	3 17	1 54	30 28	14 56	21 50	21 58	25 31			n.a.
T 30	1 47	6 15	4 47	1 13	0 31	14 47	0 44	4 16	0 51	14 31	1 38	23 10	1 2	15 51	0 43	3 17	1 54	30 28	14 56	21 52	21 59	25 32			n.a.
F 31	2n10	11n29	5n 0	2n14	0s21	14s36	0n38	3s57	0s51	14n32	1n38	23n10	1n 2	15s50	0s43	3n18	1s54	30n28	14n56	21s54	21s59	25n32			n.a.

Julian Day Number = 1625786.5, Delta T = 03h44m50s
Ecliptic obliquity = 23°43'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'07, Lahiri = - 7°34'07 Julian Calendar 1 March 262 BCE == Greg. Calendar 25 Feb. 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

APRIL 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 18 34	6♈21'39	29♈46	8♈30	20♒19	22♓50	25°R55	20♋28	19♒32	12♈42	15°R46	21°R51	21♑27	9♊25	n.a.	S 1
S 2	12 22 30	7°19'43	12♉ 0	10°40	21°16	23°34	25♌50	20°28	19°34	12°44	15♌45	21♑40	21°24	9°32	n.a.	S 2
M 3	12 26 27	8°17'46	24° 2	12°49	22°14	24°19	25°46	20°29	19°37	12°46	15°44	21°30	21°21	9°39	n.a.	M 3
T 4	12 30 24	9°15'46	5♊57	14°58	23°12	25° 4	25°42	20°30	19°39	12°48	15°43	21°24	21°18	9°45	n.a.	T 4
W 5	12 34 20	10°13'45	17°46	17° 6	24°10	25°49	25°38	20°31	19°42	12°51	15°42	21°19	21°14	9°52	n.a.	W 5
T 6	12 38 17	11°11'41	29°36	19°14	25° 9	26°33	25°34	20°32	19°44	12°53	15°42	21°17	21°11	9°59	n.a.	T 6
F 7	12 42 13	12° 9'36	11♋30	21°20	26° 8	27°18	25°31	20°33	19°47	12°55	15°41	21°D17	21° 8	10° 5	n.a.	F 7
S 8	12 46 10	13° 7'29	23°34	23°24	27° 8	28° 2	25°28	20°34	19°49	12°57	15°40	21°R17	21° 5	10°12	n.a.	S 8
S 9	12 50 6	14° 5'20	5♌54	25°27	28° 7	28°47	25°24	20°35	19°51	13° 0	15°39	21°16	21° 2	10°19	n.a.	S 9
M10	12 54 3	15° 3'09	18°34	27°28	29° 7	29°31	25°21	20°37	19°54	13° 2	15°39	21°14	20°59	10°25	n.a.	M10
T 11	12 57 59	16° 0'56	1♍39	29°27	0♓ 8	0♈15	25°19	20°38	19°56	13° 4	15°38	21°10	20°55	10°32	n.a.	T 11
W12	13 1 56	16°58'41	15°10	1♉23	1° 9	0°59	25°16	20°40	19°58	13° 6	15°38	21° 2	20°52	10°39	n.a.	W12
T 13	13 5 52	17°56'25	29° 7	3°16	2°10	1°44	25°13	20°41	20° 0	13° 9	15°37	20°53	20°49	10°45	n.a.	T 13
F 14	13 9 49	18°54'07	13♎28	5° 7	3°11	2°28	25°11	20°43	20° 2	13°11	15°37	20°42	20°46	10°52	n.a.	F 14
S 15	13 13 46	19°51'48	28° 7	6°54	4°13	3°12	25° 9	20°45	20° 5	13°13	15°36	20°31	20°43	10°59	n.a.	S 15
S 16	13 17 42	20°49'27	12♏56	8°39	5°15	3°56	25° 7	20°47	20° 7	13°15	15°36	20°20	20°39	11° 6	n.a.	S 16
M17	13 21 39	21°47'05	27°46	10°21	6°17	4°40	25° 5	20°49	20° 9	13°18	15°35	20°12	20°36	11°12	n.a.	M17
T 18	13 25 35	22°44'42	12♐30	11°59	7°19	5°24	25° 4	20°51	20°11	13°20	15°35	20° 6	20°33	11°19	n.a.	T 18
W19	13 29 32	23°42'18	27° 1	13°34	8°22	6° 8	25° 2	20°54	20°13	13°22	15°34	20° 2	20°30	11°26	n.a.	W19
T 20	13 33 28	24°39'52	11♑16	15° 6	9°25	6°52	25° 1	20°56	20°15	13°24	15°34	20° 1	20°27	11°32	n.a.	T 20
F 21	13 37 25	25°37'26	25°14	16°34	10°28	7°35	25° 0	20°59	20°16	13°27	15°34	20° 1	20°24	11°39	n.a.	F 21
S 22	13 41 22	26°34'59	8♒55	17°59	11°32	8°19	24°59	21° 1	20°18	13°29	15°33	20° 1	20°20	11°46	n.a.	S 22
S 23	13 45 18	27°32'30	22°19	19°21	12°35	9° 3	24°58	21° 4	20°20	13°31	15°33	19°59	20°17	11°52	n.a.	S 23
M24	13 49 15	28°30'01	5♓30	20°39	13°39	9°46	24°58	21° 7	20°22	13°33	15°33	19°55	20°14	11°59	n.a.	M24
T 25	13 53 11	29°27'30	18°27	21°53	14°43	10°30	24°57	21°10	20°23	13°35	15°33	19°48	20°11	12° 6	n.a.	T 25
W26	13 57 8	0♉24'59	1♈13	23° 4	15°47	11°13	24°D57	21°13	20°25	13°38	15°32	19°39	20° 8	12°12	n.a.	W26
T 27	14 1 4	1°22'27	13°47	24°11	16°52	11°57	24°57	21°16	20°27	13°40	15°32	19°27	20° 4	12°19	n.a.	T 27
F 28	14 5 1	2°19'53	26°11	25°15	17°57	12°40	24°57	21°19	20°28	13°42	15°32	19°14	20° 1	12°26	n.a.	F 28
S 29	14 8 57	3°17'19	8♉25	26°14	19° 1	13°24	24°58	21°22	20°30	13°44	15°32	19° 1	19°58	12°32	n.a.	S 29
S 30	14 12 54	4♉14'43	20♉30	27♉10	20♓ 6	14♈ 7	24♌58	21♋25	20♒31	13♈46	15♌32	18♑49	19♑55	12♊39	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n33	16n10	4n58	3n15	0s11	14s24	0n31	3s39	0s50	14n33	1n37	23n10	1n 2	15s50	0s43	3n19	1s54	30n28	14n55	21s56	22s 0	25n32		n.a.
S 2	2 57	20 6	4 43	4 16	0 0	14 11	0 25	3 21	0 50	14 35	1 37	23 10	1 2	15 49	0 43	3 20	1 54	30 28	14 55	21 58	22 0	25 33		n.a.
M 3	3 20	23 7	4 15	5 17	0n11	13 58	0 19	3 2	0 50	14 36	1 37	23 10	1 2	15 48	0 43	3 21	1 54	30 28	14 55	21 59	22 1	25 33		n.a.
T 4	3 43	25 6	3 36	6 17	0 21	13 45	0 13	2 44	0 49	14 37	1 37	23 9	1 2	15 47	0 43	3 22	1 54	30 28	14 55	22 0	22 1	25 34		n.a.
W 5	4 6	25 56	2 48	7 17	0 32	13 31	0 7	2 26	0 49	14 38	1 37	23 9	1 2	15 46	0 43	3 23	1 54	30 28	14 54	22 1	22 2	25 34		n.a.
T 6	4 29	25 36	1 52	8 16	0 43	13 17	0 1	2 7	0 48	14 40	1 36	23 9	1 1	15 46	0 43	3 24	1 54	30 28	14 54	22 1	22 2	25 34		n.a.
F 7	4 52	24 5	0 52	9 14	0 53	13 2	0s 5	1 49	0 48	14 41	1 36	23 9	1 1	15 45	0 43	3 25	1 54	30 28	14 54	22 1	22 3	25 35		n.a.
S 8	5 15	21 27	0s12	10 11	1 3	12 46	0 10	1 31	0 47	14 42	1 36	23 9	1 1	15 44	0 44	3 25	1 54	30 28	14 53	22 1	22 3	25 35		n.a.
S 9	5 37	17 47	1 17	11 6	1 13	12 31	0 15	1 12	0 47	14 42	1 36	23 8	1 1	15 43	0 44	3 26	1 54	30 28	14 53	22 1	22 4	25 35		n.a.
M10	6 0	13 14	2 19	11 59	1 23	12 14	0 21	0 54	0 46	14 43	1 36	23 8	1 1	15 43	0 44	3 27	1 54	30 27	14 53	22 2	22 4	25 36		n.a.
T 11	6 22	7 58	3 16	12 50	1 32	11 58	0 26	0 36	0 46	14 44	1 35	23 8	1 1	15 42	0 44	3 28	1 54	30 27	14 52	22 2	22 5	25 36		n.a.
W12	6 45	2 10	4 4	13 39	1 40	11 41	0 31	0 18	0 46	14 45	1 35	23 8	1 1	15 41	0 44	3 29	1 54	30 27	14 52	22 4	22 5	25 36		n.a.
T 13	7 7	3s55	4 39	14 27	1 48	11 23	0 36	0n 0	0 45	14 45	1 35	23 7	1 1	15 41	0 44	3 30	1 54	30 27	14 52	22 5	22 6	25 37		n.a.
F 14	7 29	9 57	4 58	15 12	1 55	11 5	0 41	0 19	0 45	14 46	1 35	23 7	1 1	15 40	0 44	3 31	1 54	30 27	14 51	22 7	22 6	25 37		n.a.
S 15	7 51	15 33	4 58	15 54	2 2	10 47	0 45	0 37	0 44	14 47	1 35	23 7	1 1	15 39	0 44	3 32	1 54	30 27	14 51	22 8	22 7	25 37		n.a.
S 16	8 13	20 18	4 38	16 35	2 8	10 28	0 50	0 55	0 44	14 47	1 34	23 6	1 1	15 39	0 44	3 32	1 54	30 27	14 50	22 10	22 7	25 37		n.a.
M17	8 35	23 46	3 59	17 12	2 13	10 9	0 54	1 13	0 43	14 47	1 34	23 6	1 1	15 38	0 44	3 33	1 54	30 26	14 50	22 11	22 8	25 38		n.a.
T 18	8 57	25 37	3 4	17 48	2 18	9 49	0 58	1 31	0 43	14 48	1 34	23 6	1 1	15 38	0 44	3 34	1 54	30 26	14 50	22 12	22 8	25 38		n.a.
W19	9 19	25 40	1 58	18 21	2 22	9 30	1 2	1 49	0 42	14 48	1 34	23 5	1 1	15 37	0 44	3 35	1 54	30 26	14 49	22 13	22 9	25 38		n.a.
T 20	9 40	24 1	0 46	18 52	2 25	9 9	1 6	2 7	0 42	14 48	1 33	23 5	1 1	15 36	0 44	3 36	1 54	30 26	14 49	22 13	22 9	25 39		n.a.
F 21	10 1	20 54	0n28	19 20	2 27	8 49	1 10	2 25	0 41	14 48	1 33	23 5	1 1	15 36	0 44	3 37	1 54	30 25	14 49	22 13	22 10	25 39		n.a.
S 22	10 22	16 40	1 38	19 46	2 28	8 28	1 14	2 43	0 41	14 48	1 33	23 4	1 1	15 35	0 44	3 38	1 55	30 25	14 48	22 13	22 10	25 39		n.a.
S 23	10 43	11 41	2 42	20 9	2 29	8 6	1 18	3 1	0 40	14 48	1 33	23 4	1 1	15 35	0 44	3 38	1 55	30 25	14 48	22 13	22 10	25 39		n.a.
M24	11 4	6 16	3 36	20 30	2 28	7 45	1 21	3 19	0 40	14 48	1 32	23 3	1 1	15 34	0 44	3 39	1 55	30 25	14 47	22 14	22 11	25 40		n.a.
T 25	11 25	0 41	4 17	20 49	2 27	7 23	1 24	3 36	0 39	14 48	1 32	23 3	1 1	15 34	0 44	3 40	1 55	30 24	14 47	22 15	22 11	25 40		n.a.
W26	11 45	4n50	4 45	21 6	2 25	7 1	1 28	3 54	0 39	14 48	1 32	23 2	1 1	15 33	0 44	3 41	1 55	30 24	14 47	22 16	22 12	25 40		n.a.
T 27	12 6	10 5	4 59	21 20	2 22	6 38	1 31	4 12	0 38	14 48	1 32	23 2	1 1	15 33	0 44	3 42	1 55	30 24	14 46	22 18	22 12	25 40		n.a.
F 28	12 26	14 51	4 58	21 33	2 18	6 15	1 34	4 29	0 37	14 48	1 32	23 1	1 1	15 32	0 44	3 43	1 55	30 23	14 46	22 20	22 13	25 40		n.a.
S 29	12 46	18 57	4 44	21 43	2 14	5 52	1 37	4 47	0 37	14 47	1 31	23 1	1 1	15 32	0 44	3 43	1 55	30 23	14 45	22 22	22 13	25 41		n.a.
S 30	13n 5	22n12	4n17	21n51	2n 8	5s29	1s39	5n 4	0s36	14n47	1n31	23n 0	1n 1	15s31	0s44	3n44	1s55	30n23	14n45	22s23	22s14	25n41		n.a.

Julian Day Number = 1625817.5, Delta T = 03h44m49s
Ecliptic obliquity = 23°43'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°41'03, Lahiri = - 7°34'03 Julian Calendar 1 Apr. 262 BCE == Greg. Calendar 28 March 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

MAY 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 16 50	5♉12'07	2♊26	28♉ 2	21♓12	14♈50	24♌59	21♋29	20♒33	13♈48	15°D32	18°R39	19♑52	12♊46	n.a.	M 1
T 2	14 20 47	6° 9'29	14°17	28°50	22°17	15°33	25° 0	21°32	20°34	13°50	15♌32	18♑32	19°49	12°52	n.a.	T 2
W 3	14 24 44	7° 6'50	26° 5	29°34	23°22	16°16	25° 1	21°36	20°36	13°53	15°32	18°27	19°45	12°59	n.a.	W 3
T 4	14 28 40	8° 4'10	7♋53	0♊14	24°28	17° 0	25° 3	21°40	20°37	13°55	15°32	18°25	19°42	13° 6	n.a.	T 4
F 5	14 32 37	9° 1'29	19°46	0°49	25°34	17°43	25° 4	21°43	20°38	13°57	15°32	18°D24	19°39	13°12	n.a.	F 5
S 6	14 36 33	9°58'47	1♌49	1°20	26°40	18°25	25° 6	21°47	20°39	13°59	15°32	18°25	19°36	13°19	n.a.	S 6
S 7	14 40 30	10°56'04	14° 7	1°47	27°46	19° 8	25° 7	21°51	20°41	14° 1	15°33	18°R25	19°33	13°26	n.a.	S 7
M 8	14 44 26	11°53'20	26°45	2° 9	28°52	19°51	25° 9	21°55	20°42	14° 3	15°33	18°24	19°30	13°32	n.a.	M 8
T 9	14 48 23	12°50'34	9♍48	2°27	29°59	20°34	25°12	21°59	20°43	14° 5	15°33	18°21	19°26	13°39	n.a.	T 9
W10	14 52 20	13°47'48	23°20	2°40	1♈ 5	21°17	25°14	22° 4	20°44	14° 7	15°33	18°16	19°23	13°46	n.a.	W10
T 11	14 56 16	14°45'00	7♎20	2°48	2°12	21°59	25°17	22° 8	20°45	14° 9	15°34	18° 9	19°20	13°52	n.a.	T 11
F 12	15 0 13	15°42'12	21°48	2°R52	3°19	22°42	25°19	22°12	20°46	14°11	15°34	18° 0	19°17	13°59	n.a.	F 12
S 13	15 4 9	16°39'23	6♏38	2°52	4°26	23°24	25°22	22°17	20°47	14°13	15°34	17°51	19°14	14° 6	n.a.	S 13
S 14	15 8 6	17°36'33	21°42	2°47	5°33	24° 7	25°25	22°21	20°47	14°15	15°35	17°42	19°10	14°12	n.a.	S 14
M15	15 12 2	18°33'43	6♐51	2°37	6°40	24°49	25°28	22°26	20°48	14°17	15°35	17°35	19° 7	14°19	n.a.	M15
T 16	15 15 59	19°30'52	21°55	2°24	7°47	25°32	25°32	22°31	20°49	14°19	15°35	17°31	19° 4	14°26	n.a.	T 16
W17	15 19 55	20°28'01	6♑44	2° 6	8°55	26°14	25°35	22°35	20°50	14°21	15°36	17°28	19° 1	14°32	n.a.	W17
T 18	15 23 52	21°25'10	21°14	1°45	10° 2	26°56	25°39	22°40	20°50	14°23	15°36	17°D28	18°58	14°39	n.a.	T 18
F 19	15 27 49	22°22'19	5♒21	1°20	11°10	27°38	25°43	22°45	20°51	14°24	15°37	17°29	18°55	14°46	n.a.	F 19
S 20	15 31 45	23°19'27	19° 6	0°53	12°18	28°21	25°47	22°50	20°52	14°26	15°38	17°R29	18°51	14°52	n.a.	S 20
S 21	15 35 42	24°16'35	2♓28	0°23	13°26	29° 3	25°51	22°55	20°52	14°28	15°38	17°29	18°48	14°59	n.a.	S 21
M22	15 39 38	25°13'43	15°31	29♉51	14°34	29°45	25°55	23° 0	20°53	14°30	15°39	17°27	18°45	15° 6	n.a.	M22
T 23	15 43 35	26°10'52	28°18	29°17	15°42	0♉27	26° 0	23° 5	20°53	14°32	15°39	17°23	18°42	15°12	n.a.	T 23
W24	15 47 31	27° 8'00	10♈50	28°43	16°50	1° 9	26° 4	23°11	20°53	14°34	15°40	17°17	18°39	15°19	n.a.	W24
T 25	15 51 28	28° 5'08	23°10	28° 8	17°59	1°51	26° 9	23°16	20°54	14°35	15°41	17° 9	18°36	15°26	n.a.	T 25
F 26	15 55 24	29° 2'16	5♉21	27°33	19° 7	2°32	26°14	23°21	20°54	14°37	15°42	17° 1	18°32	15°32	n.a.	F 26
S 27	15 59 21	29°59'23	17°23	26°59	20°16	3°14	26°19	23°27	20°54	14°39	15°42	16°52	18°29	15°39	n.a.	S 27
S 28	16 3 18	0♊56'31	29°19	26°27	21°24	3°56	26°24	23°32	20°54	14°40	15°43	16°44	18°26	15°46	n.a.	S 28
M29	16 7 14	1°53'39	11♊10	25°56	22°33	4°37	26°30	23°38	20°54	14°42	15°44	16°37	18°23	15°52	n.a.	M29
T 30	16 11 11	2°50'47	22°59	25°28	23°42	5°19	26°35	23°44	20°54	14°44	15°45	16°32	18°20	15°59	n.a.	T 30
W31	16 15 7	3♊47'54	4♋46	25♉ 3	24♈51	6♉ 1	26♌41	23♋49	20°R54	14♈45	15♌46	16♑30	18♑16	16♊ 6	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	13n25	24n28	3n38	21n56	2n 2	5s 6	1s42	5n22	0s36	14n46	1n31	23n 0	1n 1	15s31	0s44	3n45	1s55	30n22	14n45	22s25	22s14	25n41			n.a.
T 2	13 44	25 37	2 51	22 0	1 55	4 42	1 45	5 39	0 35	14 46	1 31	22 59	1 1	15 30	0 44	3 46	1 55	30 22	14 44	22 26	22 15	25 41			n.a.
W 3	14 3	25 36	1 56	22 2	1 47	4 18	1 47	5 56	0 35	14 45	1 30	22 58	1 1	15 30	0 44	3 47	1 55	30 21	14 44	22 26	22 15	25 41			n.a.
T 4	14 22	24 25	0 56	22 2	1 38	3 53	1 49	6 14	0 34	14 45	1 30	22 58	1 1	15 30	0 44	3 48	1 55	30 21	14 44	22 27	22 16	25 42			n.a.
F 5	14 41	22 8	0s 7	22 0	1 28	3 29	1 51	6 31	0 34	14 44	1 30	22 57	1 1	15 29	0 44	3 48	1 55	30 21	14 43	22 27	22 16	25 42			n.a.
S 6	14 59	18 51	1 11	21 56	1 17	3 4	1 53	6 48	0 33	14 43	1 30	22 57	1 1	15 29	0 44	3 49	1 55	30 20	14 43	22 27	22 17	25 42			n.a.
S 7	15 17	14 41	2 13	21 50	1 6	2 40	1 55	7 5	0 33	14 42	1 29	22 56	1 1	15 29	0 45	3 50	1 55	30 20	14 42	22 27	22 17	25 42			n.a.
M 8	15 35	9 47	3 9	21 43	0 54	2 15	1 57	7 22	0 32	14 41	1 29	22 55	1 1	15 28	0 45	3 51	1 55	30 19	14 42	22 27	22 18	25 42			n.a.
T 9	15 53	4 18	3 58	21 34	0 41	1 49	1 59	7 38	0 31	14 40	1 29	22 55	1 1	15 28	0 45	3 51	1 55	30 19	14 42	22 27	22 18	25 42			n.a.
W10	16 10	1s32	4 36	21 23	0 27	1 24	2 1	7 55	0 31	14 39	1 29	22 54	1 1	15 28	0 45	3 52	1 55	30 18	14 41	22 28	22 18	25 42			n.a.
T 11	16 27	7 30	4 59	21 11	0 12	0 59	2 2	8 12	0 30	14 38	1 28	22 53	1 1	15 27	0 45	3 53	1 55	30 18	14 41	22 29	22 19	25 43			n.a.
F 12	16 44	13 16	5 3	20 57	0s 2	0 33	2 3	8 28	0 30	14 37	1 28	22 52	1 1	15 27	0 45	3 54	1 55	30 18	14 40	22 30	22 19	25 43			n.a.
S 13	17 1	18 25	4 48	20 41	0 18	0 7	2 5	8 45	0 29	14 36	1 28	22 52	1 1	15 27	0 45	3 54	1 55	30 17	14 40	22 31	22 20	25 43			n.a.
S 14	17 17	22 28	4 13	20 25	0 34	0n19	2 6	9 1	0 29	14 35	1 28	22 51	1 1	15 27	0 45	3 55	1 55	30 17	14 40	22 32	22 20	25 43			n.a.
M15	17 33	24 59	3 19	20 7	0 50	0 44	2 7	9 18	0 28	14 33	1 27	22 50	1 1	15 26	0 45	3 56	1 55	30 16	14 39	22 33	22 21	25 43			n.a.
T 16	17 49	25 41	2 12	19 48	1 7	1 11	2 8	9 34	0 27	14 32	1 27	22 49	1 1	15 26	0 45	3 57	1 55	30 16	14 39	22 34	22 21	25 43			n.a.
W17	18 5	24 30	0 57	19 28	1 24	1 37	2 9	9 50	0 27	14 30	1 27	22 49	1 1	15 26	0 45	3 57	1 55	30 15	14 38	22 34	22 22	25 43			n.a.
T 18	18 20	21 42	0n20	19 7	1 40	2 3	2 9	10 6	0 26	14 29	1 27	22 48	1 1	15 26	0 45	3 58	1 55	30 14	14 38	22 34	22 22	25 43			n.a.
F 19	18 35	17 38	1 35	18 46	1 57	2 29	2 10	10 22	0 26	14 27	1 27	22 47	1 1	15 26	0 45	3 59	1 55	30 14	14 38	22 34	22 23	25 43			n.a.
S 20	18 50	12 43	2 41	18 24	2 13	2 55	2 10	10 37	0 25	14 26	1 26	22 46	1 1	15 26	0 45	3 59	1 55	30 13	14 37	22 34	22 23	25 43			n.a.
S 21	19 4	7 20	3 38	18 3	2 29	3 22	2 11	10 53	0 24	14 24	1 26	22 45	1 1	15 25	0 45	4 0	1 55	30 13	14 37	22 34	22 23	25 43			n.a.
M22	19 18	1 46	4 21	17 41	2 45	3 48	2 11	11 9	0 24	14 23	1 26	22 44	1 1	15 25	0 45	4 1	1 55	30 12	14 36	22 34	22 24	25 43			n.a.
T 23	19 32	3n45	4 50	17 19	2 59	4 14	2 11	11 24	0 23	14 21	1 26	22 43	1 1	15 25	0 45	4 1	1 55	30 12	14 36	22 35	22 24	25 43			n.a.
W24	19 45	9 0	5 5	16 58	3 13	4 41	2 11	11 40	0 23	14 19	1 25	22 42	1 1	15 25	0 45	4 2	1 55	30 11	14 36	22 36	22 25	25 43			n.a.
T 25	19 58	13 49	5 5	16 38	3 26	5 7	2 11	11 55	0 22	14 17	1 25	22 42	1 1	15 25	0 45	4 3	1 55	30 10	14 35	22 37	22 25	25 43			n.a.
F 26	20 11	18 2	4 52	16 19	3 37	5 33	2 11	12 10	0 21	14 15	1 25	22 41	1 1	15 25	0 45	4 3	1 56	30 10	14 35	22 38	22 26	25 43			n.a.
S 27	20 24	21 27	4 25	16 1	3 48	5 59	2 11	12 25	0 21	14 13	1 25	22 40	1 1	15 25	0 45	4 4	1 56	30 9	14 34	22 39	22 26	25 43			n.a.
S 28	20 36	23 56	3 47	15 45	3 57	6 26	2 11	12 40	0 20	14 11	1 25	22 39	1 1	15 25	0 45	4 5	1 56	30 9	14 34	22 40	22 27	25 43			n.a.
M29	20 47	25 21	2 59	15 31	4 5	6 52	2 10	12 55	0 19	14 9	1 24	22 38	1 1	15 25	0 45	4 5	1 56	30 8	14 34	22 41	22 27	25 43			n.a.
T 30	20 59	25 36	2 4	15 18	4 11	7 18	2 10	13 9	0 19	14 7	1 24	22 37	1 1	15 25	0 45	4 6	1 56	30 7	14 33	22 41	22 27	25 43			n.a.
W31	21n10	24n42	1n 3	15n 7	4s16	7n44	2s 9	13n24	0s18	14n 5	1n24	22n36	1n 1	15s25	0s45	4n 6	1s56	30n 7	14n33	22s42	22s28	25n43			n.a.

Julian Day Number = 1625847.5, Delta T = 03h44m47s
Ecliptic obliquity = 23°43'40, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'59, Lahiri = - 7°33'59 Julian Calendar 1 May 262 BCE == Greg. Calendar 27 Apr. 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

JUNE 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 19 4	4♊45'02	16♋36	24°R41	26♈ 0	6♉42	26♌47	23♋55	20°R54	14♈47	15♌47	16°D29	18♏13	16♊12	n.a.	T 1
F 2	16 23 0	5°42'09	28°31	24♉23	27° 9	7°23	26°53	24° 1	20♒54	14°49	15°48	16♏30	18°10	16°19	n.a.	F 2
S 3	16 26 57	6°39'16	10♌35	24° 9	28°18	8° 5	26°59	24° 7	20°54	14°50	15°49	16°31	18° 7	16°26	n.a.	S 3
S 4	16 30 54	7°36'23	22°54	24° 0	29°27	8°46	27° 5	24°13	20°54	14°52	15°50	16°33	18° 4	16°32	n.a.	S 4
M 5	16 34 50	8°33'29	5♍31	23°D55	0♉37	9°27	27°12	24°19	20°54	14°53	15°51	16°R33	18° 1	16°39	n.a.	M 5
T 6	16 38 47	9°30'36	18°31	23°56	1°46	10° 8	27°18	24°25	20°54	14°55	15°52	16°33	17°57	16°46	n.a.	T 6
W 7	16 42 43	10°27'42	1♎57	24° 1	2°56	10°50	27°25	24°31	20°53	14°56	15°53	16°31	17°54	16°52	n.a.	W 7
T 8	16 46 40	11°24'48	15°52	24°11	4° 5	11°31	27°32	24°37	20°53	14°58	15°54	16°28	17°51	16°59	n.a.	T 8
F 9	16 50 36	12°21'55	0♏14	24°26	5°15	12°12	27°39	24°44	20°53	14°59	15°55	16°24	17°48	17° 6	n.a.	F 9
S 10	16 54 33	13°19'01	15° 1	24°47	6°24	12°53	27°46	24°50	20°52	15° 0	15°56	16°19	17°45	17°12	n.a.	S 10
S 11	16 58 29	14°16'08	0♐ 6	25°13	7°34	13°33	27°53	24°56	20°52	15° 2	15°58	16°15	17°42	17°19	n.a.	S 11
M12	17 2 26	15°13'15	15°20	25°44	8°44	14°14	28° 0	25° 3	20°51	15° 3	15°59	16°11	17°38	17°26	n.a.	M12
T 13	17 6 23	16°10'23	0♑32	26°20	9°54	14°55	28° 8	25° 9	20°50	15° 4	16° 0	16° 9	17°35	17°32	n.a.	T 13
W14	17 10 19	17° 7'31	15°34	27° 2	11° 4	15°36	28°15	25°15	20°50	15° 6	16° 1	16°D 8	17°32	17°39	n.a.	W14
T 15	17 14 16	18° 4'39	0♒18	27°48	12°14	16°16	28°23	25°22	20°49	15° 7	16° 3	16° 9	17°29	17°46	n.a.	T 15
F 16	17 18 12	19° 1'48	14°38	28°40	13°25	16°57	28°31	25°29	20°48	15° 8	16° 4	16°10	17°26	17°52	n.a.	F 16
S 17	17 22 9	19°58'58	28°32	29°36	14°35	17°38	28°39	25°35	20°48	15° 9	16° 5	16°12	17°22	17°59	n.a.	S 17
S 18	17 26 5	20°56'09	12♓ 0	0♊38	15°45	18°18	28°47	25°42	20°47	15°10	16° 7	16°13	17°19	18° 6	n.a.	S 18
M19	17 30 2	21°53'20	25° 4	1°44	16°56	18°58	28°55	25°49	20°46	15°12	16° 8	16°R13	17°16	18°12	n.a.	M19
T 20	17 33 58	22°50'33	7♈48	2°55	18° 6	19°39	29° 3	25°55	20°45	15°13	16°10	16°12	17°13	18°19	n.a.	T 20
W21	17 37 55	23°47'46	20°14	4°11	19°17	20°19	29°12	26° 2	20°44	15°14	16°11	16°10	17°10	18°26	n.a.	W21
T 22	17 41 52	24°45'00	2♉27	5°32	20°27	20°59	29°20	26° 9	20°43	15°15	16°13	16° 8	17° 7	18°32	n.a.	T 22
F 23	17 45 48	25°42'16	14°29	6°57	21°38	21°40	29°29	26°16	20°42	15°16	16°14	16° 4	17° 3	18°39	n.a.	F 23
S 24	17 49 45	26°39'32	26°24	8°26	22°49	22°20	29°38	26°23	20°41	15°17	16°16	16° 1	17° 0	18°46	n.a.	S 24
S 25	17 53 41	27°36'49	8♊14	10° 0	24° 0	23° 0	29°47	26°30	20°40	15°18	16°17	15°58	16°57	18°52	n.a.	S 25
M26	17 57 38	28°34'07	20° 2	11°38	25°11	23°40	29°55	26°37	20°39	15°19	16°19	15°56	16°54	18°59	n.a.	M26
T 27	18 1 34	29°31'26	1♋51	13°19	26°22	24°20	0♍ 5	26°44	20°37	15°20	16°20	15°55	16°51	19° 6	n.a.	T 27
W28	18 5 31	0♋28'46	13°41	15° 4	27°33	25° 0	0°14	26°51	20°36	15°20	16°22	15°D54	16°48	19°12	n.a.	W28
T 29	18 9 28	1°26'07	25°37	16°52	28°44	25°40	0°23	26°58	20°35	15°21	16°24	15°54	16°44	19°19	n.a.	T 29
F 30	18 13 24	2♋23'28	7♌39	18♊44	29♉55	26♉20	0♍32	27♋ 5	20♒34	15♈22	16♌25	15♏55	16♏41	19♊26	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n21	22n40	0s 1	14n59	4s19	8n10	2s 9	13n38	0s18	14n 3	1n24	22n35	1n 1	15s25	0s46	4n 7	1s56	30n 6	14n33	22s42	22s28	25n43		n.a.
F 2	21 31	19 39	1 5	14 52	4 21	8 36	2 8	13 53	0 17	14 0	1 23	22 34	1 1	15 25	0 46	4 8	1 56	30 5	14 32	22 42	22 29	25 43		n.a.
S 3	21 41	15 45	2 7	14 49	4 22	9 1	2 7	14 7	0 16	13 58	1 23	22 33	1 1	15 25	0 46	4 8	1 56	30 5	14 32	22 42	22 29	25 43		n.a.
S 4	21 50	11 8	3 5	14 47	4 21	9 27	2 6	14 21	0 16	13 56	1 23	22 32	1 1	15 25	0 46	4 9	1 56	30 4	14 32	22 41	22 30	25 43		n.a.
M 5	22 0	5 57	3 56	14 48	4 19	9 52	2 5	14 35	0 15	13 53	1 23	22 31	1 1	15 25	0 46	4 9	1 56	30 3	14 31	22 41	22 30	25 43		n.a.
T 6	22 9	0 23	4 36	14 51	4 16	10 18	2 4	14 48	0 14	13 51	1 23	22 29	1 1	15 25	0 46	4 10	1 56	30 3	14 31	22 41	22 30	25 43		n.a.
W 7	22 17	5s24	5 2	14 57	4 11	10 43	2 3	15 2	0 14	13 48	1 22	22 28	1 1	15 26	0 46	4 10	1 56	30 2	14 30	22 42	22 31	25 43		n.a.
T 8	22 25	11 6	5 12	15 5	4 5	11 8	2 2	15 16	0 13	13 46	1 22	22 27	1 1	15 26	0 46	4 11	1 56	30 1	14 30	22 42	22 31	25 43		n.a.
F 9	22 33	16 24	5 3	15 15	3 59	11 32	2 0	15 29	0 12	13 43	1 22	22 26	1 1	15 26	0 46	4 11	1 56	30 1	14 30	22 42	22 32	25 43		n.a.
S 10	22 40	20 53	4 34	15 27	3 51	11 57	1 59	15 42	0 12	13 40	1 22	22 25	1 1	15 26	0 46	4 12	1 56	30 0	14 29	22 43	22 32	25 43		n.a.
S 11	22 47	24 5	3 46	15 42	3 43	12 21	1 58	15 55	0 11	13 38	1 22	22 24	1 1	15 26	0 46	4 12	1 56	29 59	14 29	22 44	22 33	25 43		n.a.
M12	22 54	25 34	2 41	15 58	3 33	12 45	1 56	16 8	0 10	13 35	1 21	22 23	1 1	15 27	0 46	4 13	1 56	29 59	14 29	22 44	22 33	25 42		n.a.
T 13	23 0	25 8	1 25	16 17	3 23	13 9	1 54	16 21	0 10	13 32	1 21	22 22	1 1	15 27	0 46	4 13	1 56	29 58	14 28	22 44	22 33	25 42		n.a.
W14	23 6	22 51	0 3	16 36	3 12	13 33	1 53	16 34	0 9	13 29	1 21	22 20	1 1	15 27	0 46	4 14	1 57	29 57	14 28	22 44	22 34	25 42		n.a.
T 15	23 11	19 5	1n17	16 58	3 1	13 56	1 51	16 46	0 9	13 26	1 21	22 19	1 1	15 27	0 46	4 14	1 57	29 56	14 28	22 44	22 34	25 42		n.a.
F 16	23 16	14 15	2 30	17 21	2 49	14 19	1 49	16 59	0 8	13 23	1 21	22 18	1 1	15 27	0 46	4 14	1 57	29 56	14 27	22 44	22 35	25 42		n.a.
S 17	23 21	8 49	3 32	17 45	2 37	14 42	1 47	17 11	0 7	13 20	1 20	22 17	1 1	15 28	0 46	4 15	1 57	29 55	14 27	22 44	22 35	25 42		n.a.
S 18	23 25	3 8	4 21	18 10	2 24	15 4	1 46	17 23	0 6	13 17	1 20	22 15	1 1	15 28	0 46	4 15	1 57	29 54	14 27	22 44	22 35	25 42		n.a.
M19	23 29	2n30	4 54	18 37	2 11	15 26	1 44	17 35	0 6	13 14	1 20	22 14	1 1	15 28	0 46	4 16	1 57	29 53	14 27	22 44	22 36	25 41		n.a.
T 20	23 32	7 53	5 11	19 4	1 58	15 48	1 42	17 47	0 5	13 11	1 20	22 13	1 1	15 29	0 46	4 16	1 57	29 53	14 26	22 44	22 36	25 41		n.a.
W21	23 35	12 50	5 14	19 31	1 45	16 10	1 39	17 58	0 4	13 8	1 20	22 12	1 1	15 29	0 46	4 16	1 57	29 52	14 26	22 44	22 37	25 41		n.a.
T 22	23 37	17 11	5 2	19 59	1 31	16 31	1 37	18 10	0 4	13 5	1 20	22 10	1 1	15 29	0 46	4 17	1 57	29 51	14 26	22 44	22 37	25 41		n.a.
F 23	23 39	20 47	4 37	20 27	1 18	16 52	1 35	18 21	0 3	13 2	1 19	22 9	1 1	15 30	0 46	4 17	1 57	29 50	14 25	22 45	22 37	25 41		n.a.
S 24	23 41	23 28	4 0	20 55	1 4	17 12	1 33	18 32	0 2	12 58	1 19	22 8	1 1	15 30	0 46	4 17	1 57	29 50	14 25	22 45	22 38	25 41		n.a.
S 25	23 42	25 7	3 13	21 23	0 51	17 32	1 31	18 43	0 2	12 55	1 19	22 7	1 1	15 31	0 46	4 18	1 57	29 49	14 25	22 46	22 38	25 40		n.a.
M26	23 43	25 39	2 18	21 50	0 38	17 52	1 28	18 54	0 1	12 52	1 19	22 5	1 1	15 31	0 46	4 18	1 57	29 48	14 25	22 46	22 39	25 40		n.a.
T 27	23 44	25 0	1 17	22 16	0 25	18 11	1 26	19 5	0 0	12 48	1 19	22 4	1 1	15 31	0 46	4 18	1 57	29 47	14 24	22 46	22 39	25 40		n.a.
W28	23 44	23 13	0 12	22 41	0 12	18 30	1 23	19 15	0n 0	12 45	1 18	22 3	1 1	15 32	0 47	4 19	1 57	29 47	14 24	22 46	22 39	25 40		n.a.
T 29	23 43	20 24	0s54	23 5	0n 0	18 48	1 21	19 25	0 1	12 41	1 18	22 1	1 1	15 32	0 47	4 19	1 57	29 46	14 24	22 46	22 40	25 40		n.a.
F 30	23n42	16n41	1s58	23n27	0n12	19n 6	1s19	19n36	0n 2	12n38	1n18	22n 0	1n 1	15s33	0s47	4n19	1s58	29n45	14n24	22s46	22s40	25n39		n.a.

Julian Day Number = 1625878.5, Delta T = 03h44m46s
Ecliptic obliquity = 23°43'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'55, Lahiri = - 7°33'54 Julian Calendar 1 June 262 BCE == Greg. Calendar 28 May 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

JULY 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 17 21	3♋20'51	19♌51	20♊38	1♊ 6	26♉59	0♍42	27♋12	20°R32	15♈23	16♌27	15♑56	16♑38	19♊32	n.a.	S 1
S 2	18 21 17	4°18'14	2♍16	22°35	2°18	27°39	0°51	27°19	20♒31	15°24	16°29	15°57	16°35	19°39	n.a.	S 2
M 3	18 25 14	5°15'37	14°57	24°34	3°29	28°19	1° 1	27°26	20°29	15°24	16°30	15°58	16°32	19°46	n.a.	M 3
T 4	18 29 10	6°13'02	27°57	26°34	4°41	28°58	1°11	27°34	20°28	15°25	16°32	15°59	16°28	19°52	n.a.	T 4
W 5	18 33 7	7°10'27	11♎19	28°36	5°52	29°38	1°21	27°41	20°26	15°26	16°34	15°R59	16°25	19°59	n.a.	W 5
T 6	18 37 3	8° 7'53	25° 5	0♋39	7° 4	0♊17	1°31	27°48	20°25	15°26	16°36	15°59	16°22	20° 6	n.a.	T 6
F 7	18 41 0	9° 5'21	9♏15	2°43	8°15	0°56	1°41	27°55	20°23	15°27	16°37	15°58	16°19	20°12	n.a.	F 7
S 8	18 44 57	10° 2'49	23°48	4°47	9°27	1°36	1°51	28° 3	20°22	15°27	16°39	15°57	16°16	20°19	n.a.	S 8
S 9	18 48 53	11° 0'18	8♐40	6°51	10°39	2°15	2° 1	28°10	20°20	15°28	16°41	15°57	16°13	20°26	n.a.	S 9
M10	18 52 50	11°57'48	23°43	8°55	11°51	2°54	2°11	28°17	20°18	15°28	16°43	15°56	16° 9	20°32	n.a.	M10
T 11	18 56 46	12°55'19	8♑50	10°59	13° 3	3°33	2°22	28°25	20°16	15°29	16°45	15°D56	16° 6	20°39	n.a.	T 11
W12	19 0 43	13°52'52	23°52	13° 2	14°15	4°12	2°32	28°32	20°15	15°29	16°47	15°56	16° 3	20°46	n.a.	W12
T 13	19 4 39	14°50'26	8♒40	15° 4	15°27	4°51	2°43	28°40	20°13	15°30	16°48	15°56	16° 0	20°52	n.a.	T 13
F 14	19 8 36	15°48'01	23° 7	17° 5	16°39	5°30	2°53	28°47	20°11	15°30	16°50	15°R56	15°57	20°59	n.a.	F 14
S 15	19 12 32	16°45'38	7♓10	19° 6	17°51	6° 9	3° 4	28°55	20° 9	15°30	16°52	15°56	15°54	21° 6	n.a.	S 15
S 16	19 16 29	17°43'16	20°46	21° 5	19° 3	6°48	3°15	29° 2	20° 7	15°31	16°54	15°56	15°50	21°12	n.a.	S 16
M17	19 20 26	18°40'56	3♈56	23° 3	20°15	7°27	3°26	29°10	20° 5	15°31	16°56	15°56	15°47	21°19	n.a.	M17
T 18	19 24 22	19°38'38	16°42	25° 0	21°28	8° 6	3°37	29°17	20° 3	15°31	16°58	15°D56	15°44	21°26	n.a.	T 18
W19	19 28 19	20°36'22	29° 9	26°55	22°40	8°44	3°48	29°25	20° 1	15°31	17° 0	15°56	15°41	21°32	n.a.	W19
T 20	19 32 15	21°34'07	11♉19	28°50	23°52	9°23	3°59	29°32	19°59	15°31	17° 2	15°56	15°38	21°39	n.a.	T 20
F 21	19 36 12	22°31'54	23°17	0♌43	25° 5	10° 2	4°10	29°40	19°57	15°32	17° 4	15°57	15°34	21°46	n.a.	F 21
S 22	19 40 8	23°29'44	5♊ 9	2°34	26°18	10°40	4°21	29°47	19°55	15°32	17° 6	15°58	15°31	21°52	n.a.	S 22
S 23	19 44 5	24°27'34	16°57	4°24	27°30	11°18	4°32	29°55	19°53	15°32	17° 8	15°58	15°28	21°59	n.a.	S 23
M24	19 48 1	25°25'27	28°45	6°13	28°43	11°57	4°44	0♌ 2	19°51	15°R32	17°10	15°59	15°25	22° 6	n.a.	M24
T 25	19 51 58	26°23'21	10♋37	8° 0	29°56	12°35	4°55	0°10	19°49	15°32	17°12	16°R 0	15°22	22°12	n.a.	T 25
W26	19 55 55	27°21'17	22°34	9°46	1♋ 8	13°13	5° 7	0°17	19°47	15°32	17°14	16° 0	15°19	22°19	n.a.	W26
T 27	19 59 51	28°19'15	4♌40	11°31	2°21	13°52	5°18	0°25	19°45	15°32	17°16	15°59	15°15	22°26	n.a.	T 27
F 28	20 3 48	29°17'14	16°55	13°15	3°34	14°30	5°30	0°33	19°42	15°32	17°18	15°58	15°12	22°32	n.a.	F 28
S 29	20 7 44	0♌15'15	29°22	14°57	4°47	15° 8	5°41	0°40	19°40	15°31	17°20	15°56	15° 9	22°39	n.a.	S 29
S 30	20 11 41	1°13'17	12♍ 1	16°38	6° 0	15°46	5°53	0°48	19°38	15°31	17°23	15°54	15° 6	22°46	n.a.	S 30
M31	20 15 37	2♌11'21	24♍54	18♌17	7♋13	16♊24	6♍ 5	0♌55	19♒36	15♈31	17♌25	15♑52	15♑ 3	22♊52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n41	12n14	2s57	23n47	0n23	19n23	1s16	19n46	0n 2	12n34	1n18	21n58	1n 1	15s33	0s47	4n19	1s58	29n44	14n23	22s46	22s41	25n39		n.a.
S 2	23 39	7 13	3 50	24 5	0 34	19 40	1 13	19 55	0 3	12 31	1 18	21 57	1 1	15 34	0 47	4 20	1 58	29 43	14 23	22 46	22 41	25 39		n.a.
M 3	23 37	1 49	4 32	24 21	0 44	19 57	1 11	20 5	0 4	12 27	1 18	21 56	1 1	15 34	0 47	4 20	1 58	29 43	14 23	22 46	22 41	25 39		n.a.
T 4	23 35	3s47	5 2	24 35	0 54	20 13	1 8	20 15	0 5	12 23	1 18	21 54	1 2	15 35	0 47	4 20	1 58	29 42	14 23	22 45	22 42	25 38		n.a.
W 5	23 32	9 22	5 16	24 45	1 2	20 28	1 6	20 24	0 5	12 20	1 17	21 53	1 2	15 35	0 47	4 20	1 58	29 41	14 22	22 45	22 42	25 38		n.a.
T 6	23 28	14 40	5 13	24 54	1 10	20 43	1 3	20 33	0 6	12 16	1 17	21 51	1 2	15 36	0 47	4 20	1 58	29 40	14 22	22 45	22 43	25 38		n.a.
F 7	23 25	19 21	4 52	24 59	1 17	20 57	1 0	20 42	0 7	12 12	1 17	21 50	1 2	15 36	0 47	4 21	1 58	29 40	14 22	22 46	22 43	25 37		n.a.
S 8	23 21	23 0	4 11	25 2	1 24	21 11	0 57	20 51	0 7	12 8	1 17	21 49	1 2	15 37	0 47	4 21	1 58	29 39	14 22	22 46	22 43	25 37		n.a.
S 9	23 16	25 11	3 13	25 2	1 29	21 25	0 55	21 0	0 8	12 5	1 17	21 47	1 2	15 37	0 47	4 21	1 58	29 38	14 21	22 46	22 44	25 37		n.a.
M10	23 11	25 35	2 0	24 59	1 34	21 37	0 52	21 8	0 9	12 1	1 17	21 46	1 2	15 38	0 47	4 21	1 58	29 37	14 21	22 46	22 44	25 37		n.a.
T 11	23 5	24 5	0 39	24 54	1 38	21 50	0 49	21 16	0 10	11 57	1 17	21 44	1 2	15 39	0 47	4 21	1 58	29 36	14 21	22 46	22 45	25 36		n.a.
W12	23 0	20 52	0n44	24 46	1 42	22 1	0 46	21 25	0 10	11 53	1 16	21 43	1 2	15 39	0 47	4 21	1 58	29 36	14 21	22 46	22 45	25 36		n.a.
T 13	22 53	16 20	2 3	24 35	1 44	22 12	0 43	21 33	0 11	11 49	1 16	21 41	1 2	15 40	0 47	4 21	1 58	29 35	14 21	22 46	22 45	25 36		n.a.
F 14	22 47	10 57	3 12	24 22	1 46	22 22	0 41	21 40	0 12	11 45	1 16	21 40	1 2	15 40	0 47	4 21	1 58	29 34	14 21	22 46	22 46	25 35		n.a.
S 15	22 40	5 9	4 8	24 7	1 47	22 32	0 38	21 48	0 12	11 41	1 16	21 38	1 2	15 41	0 47	4 21	1 59	29 33	14 20	22 46	22 46	25 35		n.a.
S 16	22 32	0n42	4 48	23 49	1 48	22 41	0 35	21 55	0 13	11 37	1 16	21 37	1 2	15 42	0 47	4 21	1 59	29 33	14 20	22 46	22 46	25 35		n.a.
M17	22 24	6 19	5 11	23 30	1 47	22 50	0 32	22 3	0 14	11 33	1 16	21 35	1 2	15 42	0 47	4 21	1 59	29 32	14 20	22 46	22 47	25 34		n.a.
T 18	22 16	11 31	5 18	23 8	1 47	22 58	0 29	22 10	0 15	11 29	1 16	21 34	1 2	15 43	0 47	4 21	1 59	29 31	14 20	22 46	22 47	25 34		n.a.
W19	22 8	16 6	5 9	22 45	1 45	23 5	0 26	22 17	0 15	11 24	1 16	21 32	1 2	15 44	0 47	4 21	1 59	29 30	14 20	22 46	22 48	25 34		n.a.
T 20	21 59	19 57	4 47	22 20	1 44	23 12	0 23	22 23	0 16	11 20	1 15	21 31	1 2	15 44	0 47	4 21	1 59	29 29	14 20	22 46	22 48	25 33		n.a.
F 21	21 49	22 53	4 13	21 53	1 41	23 17	0 21	22 30	0 17	11 16	1 15	21 29	1 2	15 45	0 47	4 21	1 59	29 29	14 20	22 46	22 48	25 33		n.a.
S 22	21 39	24 49	3 28	21 25	1 38	23 23	0 18	22 36	0 18	11 12	1 15	21 27	1 3	15 46	0 47	4 21	1 59	29 28	14 19	22 46	22 49	25 32		n.a.
S 23	21 29	25 38	2 34	20 56	1 35	23 27	0 15	22 42	0 18	11 7	1 15	21 26	1 3	15 46	0 47	4 21	1 59	29 27	14 19	22 46	22 49	25 32		n.a.
M24	21 19	25 18	1 34	20 25	1 31	23 31	0 12	22 49	0 19	11 3	1 15	21 24	1 3	15 47	0 47	4 21	1 59	29 26	14 19	22 45	22 49	25 32		n.a.
T 25	21 8	23 48	0 30	19 53	1 27	23 34	0 9	22 54	0 20	10 59	1 15	21 23	1 3	15 48	0 47	4 21	1 59	29 26	14 19	22 45	22 50	25 31		n.a.
W26	20 56	21 13	0s36	19 20	1 23	23 37	0 6	23 0	0 21	10 54	1 15	21 21	1 3	15 48	0 47	4 21	1 59	29 25	14 19	22 45	22 50	25 31		n.a.
T 27	20 45	17 41	1 42	18 47	1 18	23 39	0 4	23 5	0 21	10 50	1 15	21 20	1 3	15 49	0 47	4 21	1 59	29 24	14 19	22 45	22 51	25 30		n.a.
F 28	20 33	13 22	2 43	18 12	1 13	23 40	0 1	23 11	0 22	10 46	1 15	21 18	1 3	15 50	0 47	4 21	1 59	29 23	14 19	22 46	22 51	25 30		n.a.
S 29	20 20	8 26	3 38	17 37	1 7	23 40	0n 2	23 16	0 23	10 41	1 14	21 16	1 3	15 51	0 47	4 21	1 59	29 23	14 19	22 46	22 51	25 29		n.a.
S 30	20 8	3 6	4 23	17 1	1 1	23 40	0 5	23 21	0 24	10 37	1 14	21 15	1 3	15 51	0 47	4 21	2 0	29 22	14 19	22 46	22 52	25 29		n.a.
M31	19n55	2s27	4s55	16n24	0n55	23n39	0n 7	23n26	0n24	10n32	1n14	21n13	1n 3	15s52	0s47	4n21	2s 0	29n21	14n19	22s46	22s52	25n29		n.a.

Julian Day Number = 1625908.5, Delta T = 03h44m45s
Ecliptic obliquity = 23°43'39, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'51, Lahiri = - 7°33'50 Julian Calendar 1 July 262 BCE == Greg. Calendar 27 June 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

AUGUST 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 19 34	3♌ 9'27	8♎ 2	19♌55	8♋27	17♊ 1	6♍17	1♌ 3	19°R33	15°R31	17♌27	15°R50	15♉ 0	22♊59	n.a.	T 1
W 2	20 23 30	4° 7'34	21°27	21°32	9°40	17°39	6°29	1°10	19♒31	15♈31	17°29	15♉48	14°56	23° 6	n.a.	W 2
T 3	20 27 27	5° 5'43	5♏ 9	23° 8	10°53	18°17	6°41	1°18	19°29	15°30	17°31	15°D48	14°53	23°12	n.a.	T 3
F 4	20 31 24	6° 3'53	19° 8	24°43	12° 6	18°55	6°53	1°26	19°27	15°30	17°33	15°48	14°50	23°19	n.a.	F 4
S 5	20 35 20	7° 2'05	3♐25	26°16	13°20	19°32	7° 5	1°33	19°24	15°30	17°35	15°50	14°47	23°25	n.a.	S 5
S 6	20 39 17	8° 0'18	17°56	27°48	14°33	20°10	7°17	1°41	19°22	15°29	17°37	15°51	14°44	23°32	n.a.	S 6
M 7	20 43 13	8°58'33	2♑38	29°19	15°47	20°47	7°29	1°48	19°20	15°29	17°40	15°52	14°40	23°39	n.a.	M 7
T 8	20 47 10	9°56'50	17°25	0♍48	17° 0	21°25	7°41	1°56	19°17	15°28	17°42	15°R52	14°37	23°45	n.a.	T 8
W 9	20 51 6	10°55'08	2♒12	2°17	18°14	22° 2	7°53	2° 3	19°15	15°28	17°44	15°52	14°34	23°52	n.a.	W 9
T 10	20 55 3	11°53'29	16°50	3°44	19°27	22°39	8° 6	2°11	19°12	15°27	17°46	15°50	14°31	23°59	n.a.	T 10
F 11	20 58 59	12°51'51	1♓14	5°10	20°41	23°16	8°18	2°18	19°10	15°27	17°48	15°46	14°28	24° 5	n.a.	F 11
S 12	21 2 56	13°50'15	15°17	6°34	21°55	23°53	8°31	2°26	19° 8	15°26	17°50	15°42	14°25	24°12	n.a.	S 12
S 13	21 6 53	14°48'42	28°56	7°57	23° 8	24°30	8°43	2°33	19° 5	15°25	17°53	15°38	14°21	24°19	n.a.	S 13
M14	21 10 49	15°47'10	12♈10	9°19	24°22	25° 7	8°55	2°41	19° 3	15°25	17°55	15°34	14°18	24°25	n.a.	M14
T 15	21 14 46	16°45'41	25° 0	10°40	25°36	25°44	9° 8	2°48	19° 0	15°24	17°57	15°31	14°15	24°32	n.a.	T 15
W16	21 18 42	17°44'14	7♉28	11°59	26°50	26°21	9°20	2°56	18°58	15°23	17°59	15°29	14°12	24°39	n.a.	W16
T 17	21 22 39	18°42'50	19°39	13°16	28° 4	26°58	9°33	3° 3	18°56	15°23	18° 1	15°D28	14° 9	24°45	n.a.	T 17
F 18	21 26 35	19°41'27	1♊38	14°32	29°18	27°35	9°46	3°10	18°53	15°22	18° 3	15°29	14° 5	24°52	n.a.	F 18
S 19	21 30 32	20°40'07	13°29	15°47	0♌32	28°11	9°58	3°18	18°51	15°21	18° 6	15°31	14° 2	24°59	n.a.	S 19
S 20	21 34 28	21°38'50	25°17	17° 0	1°46	28°48	10°11	3°25	18°48	15°20	18° 8	15°32	13°59	25° 5	n.a.	S 20
M21	21 38 25	22°37'35	7♋ 6	18°11	3° 0	29°24	10°24	3°32	18°46	15°19	18°10	15°34	13°56	25°12	n.a.	M21
T 22	21 42 21	23°36'22	19° 2	19°20	4°14	0♋ 1	10°36	3°40	18°44	15°18	18°12	15°R34	13°53	25°19	n.a.	T 22
W23	21 46 18	24°35'11	1♌ 8	20°27	5°29	0°37	10°49	3°47	18°41	15°18	18°14	15°33	13°50	25°25	n.a.	W23
T 24	21 50 15	25°34'02	13°26	21°33	6°43	1°13	11° 2	3°54	18°39	15°17	18°16	15°29	13°46	25°32	n.a.	T 24
F 25	21 54 11	26°32'56	25°57	22°35	7°57	1°50	11°15	4° 1	18°36	15°16	18°19	15°24	13°43	25°39	n.a.	F 25
S 26	21 58 8	27°31'51	8♍43	23°36	9°12	2°26	11°28	4° 9	18°34	15°15	18°21	15°18	13°40	25°45	n.a.	S 26
S 27	22 2 4	28°30'49	21°44	24°34	10°26	3° 2	11°40	4°16	18°32	15°14	18°23	15°10	13°37	25°52	n.a.	S 27
M28	22 6 1	29°29'49	4♎58	25°29	11°41	3°38	11°53	4°23	18°29	15°13	18°25	15° 3	13°34	25°59	n.a.	M28
T 29	22 9 57	0♍28'50	18°24	26°21	12°55	4°14	12° 6	4°30	18°27	15°12	18°27	14°56	13°31	26° 5	n.a.	T 29
W30	22 13 54	1°27'54	2♏ 2	27°10	14°10	4°49	12°19	4°37	18°25	15°10	18°29	14°51	13°27	26°12	n.a.	W30
T 31	22 17 50	2♍26'59	15♏50	27♍56	15♌24	5♋25	12♍32	4♌44	18♒22	15♈ 9	18♌31	14♉47	13♉24	26♊18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	19n41	8s 0	5s13	15n47	0n49	23n37	0n10	23n30	0n25	10n28	1n14	21n12	1n 3	15s53	0s47	4n20	2s 0	29n20	14n19	22s47	22s52	25n28			n.a.
W 2	19 27	13 18	5 14	15 10	0 42	23 35	0 13	23 35	0 26	10 23	1 14	21 10	1 3	15 53	0 47	4 20	2 0	29 20	14 19	22 47	22 53	25 28			n.a.
T 3	19 13	18 4	4 58	14 32	0 35	23 32	0 15	23 39	0 27	10 19	1 14	21 8	1 3	15 54	0 47	4 20	2 0	29 19	14 19	22 47	22 53	25 27			n.a.
F 4	18 59	21 57	4 24	13 53	0 28	23 28	0 18	23 43	0 27	10 14	1 14	21 7	1 4	15 55	0 47	4 20	2 0	29 18	14 18	22 47	22 53	25 27			n.a.
S 5	18 44	24 35	3 33	13 15	0 21	23 24	0 21	23 47	0 28	10 9	1 14	21 5	1 4	15 56	0 47	4 20	2 0	29 17	14 18	22 47	22 54	25 26			n.a.
S 6	18 29	25 38	2 28	12 36	0 14	23 18	0 23	23 50	0 29	10 5	1 14	21 4	1 4	15 56	0 47	4 20	2 0	29 17	14 18	22 46	22 54	25 26			n.a.
M 7	18 14	24 54	1 12	11 57	0 6	23 13	0 26	23 54	0 30	10 0	1 14	21 2	1 4	15 57	0 47	4 19	2 0	29 16	14 18	22 46	22 55	25 25			n.a.
T 8	17 58	22 26	0n 9	11 18	0s 1	23 6	0 28	23 57	0 31	9 55	1 14	21 0	1 4	15 58	0 47	4 19	2 0	29 15	14 18	22 46	22 55	25 25			n.a.
W 9	17 42	18 28	1 29	10 39	0 9	22 59	0 31	24 0	0 31	9 51	1 14	20 59	1 4	15 59	0 47	4 19	2 0	29 14	14 18	22 46	22 55	25 24			n.a.
T 10	17 26	13 24	2 42	10 0	0 17	22 51	0 33	24 3	0 32	9 46	1 13	20 57	1 4	16 0	0 47	4 19	2 0	29 14	14 18	22 47	22 56	25 24			n.a.
F 11	17 9	7 41	3 44	9 20	0 25	22 42	0 36	24 6	0 33	9 41	1 13	20 55	1 4	16 0	0 47	4 18	2 0	29 13	14 18	22 47	22 56	25 23			n.a.
S 12	16 52	1 43	4 30	8 42	0 33	22 33	0 38	24 9	0 34	9 36	1 13	20 54	1 4	16 1	0 47	4 18	2 0	29 12	14 18	22 47	22 56	25 23			n.a.
S 13	16 35	4n 9	5 0	8 3	0 42	22 23	0 40	24 11	0 35	9 32	1 13	20 52	1 4	16 2	0 47	4 18	2 0	29 12	14 19	22 48	22 57	25 22			n.a.
M14	16 18	9 39	5 13	7 24	0 50	22 12	0 43	24 14	0 35	9 27	1 13	20 51	1 4	16 3	0 47	4 17	2 0	29 11	14 19	22 48	22 57	25 22			n.a.
T 15	16 0	14 34	5 9	6 46	0 58	22 1	0 45	24 16	0 36	9 22	1 13	20 49	1 5	16 3	0 47	4 17	2 1	29 10	14 19	22 49	22 57	25 21			n.a.
W16	15 42	18 44	4 51	6 8	1 6	21 49	0 47	24 18	0 37	9 17	1 13	20 47	1 5	16 4	0 47	4 17	2 1	29 10	14 19	22 49	22 58	25 21			n.a.
T 17	15 24	22 1	4 19	5 30	1 15	21 36	0 49	24 19	0 38	9 12	1 13	20 46	1 5	16 5	0 47	4 16	2 1	29 9	14 19	22 49	22 58	25 20			n.a.
F 18	15 5	24 17	3 37	4 53	1 23	21 23	0 51	24 21	0 39	9 8	1 13	20 44	1 5	16 6	0 47	4 16	2 1	29 8	14 19	22 49	22 58	25 19			n.a.
S 19	14 47	25 27	2 46	4 16	1 31	21 9	0 53	24 22	0 39	9 3	1 13	20 42	1 5	16 6	0 47	4 16	2 1	29 8	14 19	22 49	22 59	25 19			n.a.
S 20	14 28	25 27	1 49	3 40	1 40	20 54	0 55	24 24	0 40	8 58	1 13	20 41	1 5	16 7	0 47	4 15	2 1	29 7	14 19	22 49	22 59	25 18			n.a.
M21	14 8	24 18	0 46	3 4	1 48	20 39	0 57	24 25	0 41	8 53	1 13	20 39	1 5	16 8	0 47	4 15	2 1	29 6	14 19	22 48	22 59	25 18			n.a.
T 22	13 49	22 3	0s19	2 29	1 56	20 23	0 59	24 26	0 42	8 48	1 13	20 37	1 5	16 9	0 47	4 15	2 1	29 6	14 19	22 48	23 0	25 17			n.a.
W23	13 29	18 47	1 24	1 55	2 4	20 7	1 1	24 26	0 43	8 43	1 13	20 36	1 5	16 9	0 47	4 14	2 1	29 5	14 19	22 49	23 0	25 16			n.a.
T 24	13 9	14 40	2 26	1 22	2 12	19 50	1 3	24 27	0 44	8 38	1 13	20 34	1 6	16 10	0 47	4 14	2 1	29 5	14 19	22 49	23 0	25 16			n.a.
F 25	12 49	9 52	3 22	0 50	2 20	19 32	1 4	24 27	0 44	8 33	1 13	20 33	1 6	16 11	0 47	4 13	2 1	29 4	14 19	22 50	23 1	25 15			n.a.
S 26	12 29	4 34	4 8	0 19	2 28	19 14	1 6	24 28	0 45	8 28	1 13	20 31	1 6	16 12	0 47	4 13	2 1	29 3	14 20	22 50	23 1	25 15			n.a.
S 27	12 8	1s 1	4 43	0s11	2 35	18 55	1 8	24 28	0 46	8 23	1 13	20 29	1 6	16 12	0 47	4 12	2 1	29 3	14 20	22 51	23 1	25 14			n.a.
M28	11 47	6 38	5 4	0 40	2 43	18 36	1 9	24 28	0 47	8 18	1 13	20 28	1 6	16 13	0 47	4 12	2 1	29 2	14 20	22 52	23 2	25 13			n.a.
T 29	11 26	12 2	5 8	1 7	2 50	18 16	1 11	24 27	0 48	8 13	1 13	20 26	1 6	16 14	0 47	4 11	2 1	29 2	14 20	22 53	23 2	25 13			n.a.
W30	11 5	16 55	4 55	1 33	2 56	17 56	1 12	24 27	0 49	8 8	1 12	20 25	1 6	16 15	0 47	4 11	2 1	29 1	14 20	22 53	23 2	25 12			n.a.
T 31	10n44	20s59	4s25	1s57	3s 3	17n35	1n14	24n26	0n50	8n 3	1n12	20n23	1n 6	16s15	0s47	4n10	2s 1	29n 0	14n20	22s54	23s 3	25n11			n.a.

Julian Day Number = 1625939.5, Delta T = 03h44m44s
Ecliptic obliquity = 23°43'39, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'46, Lahiri = - 7°33'46 Julian Calendar 1 Aug. 262 BCE == Greg. Calendar 28 July 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

SEPTEMBER 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 21 47	3♍26'07	29♏47	28♍37	16♌39	6♋ 1	12♍45	4♌51	18°R20	15°R 8	18♌34	14°D46	13♂21	26♊25	n.a.	F 1
S 2	22 25 44	4°25'16	13♐53	29°14	17°53	6°36	12°58	4°58	18♒18	15♈ 7	18°36	14♂46	13°18	26°32	n.a.	S 2
S 3	22 29 40	5°24'27	28° 6	29°47	19° 8	7°12	13°11	5° 5	18°15	15° 6	18°38	14°47	13°15	26°38	n.a.	S 3
M 4	22 33 37	6°23'40	12♂24	0♎15	20°23	7°47	13°24	5°12	18°13	15° 5	18°40	14°R48	13°11	26°45	n.a.	M 4
T 5	22 37 33	7°22'55	26°46	0°37	21°38	8°22	13°37	5°19	18°11	15° 3	18°42	14°47	13° 8	26°52	n.a.	T 5
W 6	22 41 30	8°22'12	11♒ 8	0°54	22°52	8°57	13°50	5°25	18° 9	15° 2	18°44	14°45	13° 5	26°58	n.a.	W 6
T 7	22 45 26	9°21'31	25°24	1° 4	24° 7	9°33	14° 3	5°32	18° 6	15° 1	18°46	14°40	13° 2	27° 5	n.a.	T 7
F 8	22 49 23	10°20'51	9♓31	1°R 8	25°22	10° 8	14°16	5°39	18° 4	14°59	18°48	14°32	12°59	27°12	n.a.	F 8
S 9	22 53 19	11°20'14	23°22	1° 4	26°37	10°42	14°29	5°45	18° 2	14°58	18°50	14°23	12°56	27°18	n.a.	S 9
S 10	22 57 16	12°19'39	6♈54	0°52	27°52	11°17	14°42	5°52	18° 0	14°57	18°52	14°13	12°52	27°25	n.a.	S 10
M11	23 1 12	13°19'06	20° 6	0°33	29° 7	11°52	14°56	5°59	17°58	14°55	18°54	14° 3	12°49	27°32	n.a.	M11
T 12	23 5 9	14°18'36	2♉55	0° 5	0♍22	12°27	15° 9	6° 5	17°56	14°54	18°56	13°55	12°46	27°38	n.a.	T 12
W13	23 9 6	15°18'08	15°24	29♍29	1°37	13° 1	15°22	6°12	17°54	14°53	18°58	13°48	12°43	27°45	n.a.	W13
T 14	23 13 2	16°17'42	27°36	28°45	2°52	13°36	15°35	6°18	17°52	14°51	19° 0	13°44	12°40	27°52	n.a.	T 14
F 15	23 16 59	17°17'19	9♊34	27°53	4° 7	14°10	15°48	6°24	17°50	14°50	19° 2	13°42	12°37	27°58	n.a.	F 15
S 16	23 20 55	18°16'58	21°25	26°54	5°22	14°44	16° 1	6°31	17°48	14°48	19° 4	13°D42	12°33	28° 5	n.a.	S 16
S 17	23 24 52	19°16'40	3♋13	25°48	6°37	15°19	16°14	6°37	17°46	14°47	19° 6	13°42	12°30	28°12	n.a.	S 17
M18	23 28 48	20°16'24	15° 4	24°38	7°52	15°53	16°27	6°43	17°44	14°45	19° 8	13°R43	12°27	28°18	n.a.	M18
T 19	23 32 45	21°16'10	27° 3	23°24	9° 7	16°27	16°40	6°49	17°42	14°44	19°10	13°42	12°24	28°25	n.a.	T 19
W20	23 36 41	22°15'59	9♌14	22°10	10°22	17° 0	16°53	6°55	17°40	14°42	19°12	13°39	12°21	28°31	n.a.	W20
T 21	23 40 38	23°15'49	21°42	20°56	11°38	17°34	17° 6	7° 1	17°38	14°41	19°14	13°33	12°17	28°38	n.a.	T 21
F 22	23 44 35	24°15'42	4♍28	19°46	12°53	18° 8	17°19	7° 7	17°36	14°39	19°16	13°25	12°14	28°45	n.a.	F 22
S 23	23 48 31	25°15'37	17°33	18°41	14° 8	18°41	17°32	7°13	17°35	14°37	19°18	13°14	12°11	28°51	n.a.	S 23
S 24	23 52 28	26°15'35	0♎57	17°43	15°23	19°15	17°45	7°19	17°33	14°36	19°19	13° 2	12° 8	28°58	n.a.	S 24
M25	23 56 24	27°15'34	14°37	16°54	16°39	19°48	17°59	7°25	17°31	14°34	19°21	12°50	12° 5	29° 5	n.a.	M25
T 26	0 0 21	28°15'35	28°30	16°16	17°54	20°21	18°12	7°31	17°30	14°33	19°23	12°39	12° 2	29°11	n.a.	T 26
W27	0 4 17	29°15'38	12♏31	15°48	19° 9	20°54	18°25	7°36	17°28	14°31	19°25	12°29	11°58	29°18	n.a.	W27
T 28	0 8 14	0♎15'43	26°37	15°32	20°25	21°27	18°37	7°42	17°26	14°29	19°27	12°23	11°55	29°25	n.a.	T 28
F 29	0 12 10	1°15'49	10♐44	15°D27	21°40	22° 0	18°50	7°47	17°25	14°28	19°28	12°19	11°52	29°31	n.a.	F 29
S 30	0 16 7	2♎15'58	24♐51	15♍34	22♍55	22♋33	19♍ 3	7♌53	17♒23	14♈26	19♌30	12♂18	11♂49	29♊38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n22	23s54	3s38	2s19	3s 9	17n13	1n15	24n26	0n50	7n58	1n12	20n21	1n 7	16s16	0s47	4n10	2s 1	29n 0	14n20	22s54	23s 3	25n11		n.a.
S 2	10 0	25 22	2 39	2 39	3 14	16 52	1 16	24 25	0 51	7 53	1 12	20 20	1 7	16 17	0 47	4 9	2 2	28 59	14 21	22 54	23 3	25 10		n.a.
S 3	9 38	25 12	1 29	2 57	3 19	16 29	1 17	24 24	0 52	7 48	1 12	20 18	1 7	16 17	0 47	4 9	2 2	28 59	14 21	22 54	23 4	25 9		n.a.
M 4	9 16	23 21	0 13	3 12	3 23	16 6	1 18	24 23	0 53	7 43	1 12	20 17	1 7	16 18	0 47	4 8	2 2	28 58	14 21	22 54	23 4	25 9		n.a.
T 5	8 54	20 0	1n 4	3 24	3 27	15 43	1 20	24 21	0 54	7 38	1 12	20 15	1 7	16 19	0 47	4 8	2 2	28 58	14 21	22 54	23 4	25 8		n.a.
W 6	8 32	15 27	2 17	3 34	3 30	15 19	1 21	24 20	0 55	7 33	1 12	20 14	1 7	16 19	0 47	4 7	2 2	28 57	14 21	22 54	23 5	25 7		n.a.
T 7	8 9	10 4	3 20	3 39	3 32	14 55	1 21	24 18	0 56	7 27	1 12	20 12	1 7	16 20	0 47	4 7	2 2	28 57	14 22	22 55	23 5	25 7		n.a.
F 8	7 47	4 14	4 10	3 42	3 32	14 31	1 22	24 17	0 57	7 22	1 12	20 11	1 7	16 21	0 47	4 6	2 2	28 56	14 22	22 55	23 5	25 6		n.a.
S 9	7 24	1n41	4 45	3 40	3 32	14 6	1 23	24 15	0 58	7 17	1 12	20 9	1 8	16 21	0 47	4 6	2 2	28 56	14 22	22 56	23 5	25 5		n.a.
S 10	7 1	7 23	5 2	3 34	3 30	13 40	1 24	24 13	0 58	7 12	1 12	20 7	1 8	16 22	0 47	4 5	2 2	28 55	14 22	22 58	23 6	25 5		n.a.
M11	6 38	12 37	5 3	3 23	3 27	13 14	1 24	24 11	0 59	7 7	1 12	20 6	1 8	16 23	0 47	4 5	2 2	28 55	14 23	22 59	23 6	25 4		n.a.
T 12	6 15	17 8	4 48	3 8	3 23	12 48	1 25	24 8	1 0	7 2	1 12	20 4	1 8	16 23	0 47	4 4	2 2	28 54	14 23	22 59	23 6	25 3		n.a.
W13	5 52	20 47	4 20	2 47	3 16	12 22	1 26	24 6	1 1	6 57	1 12	20 3	1 8	16 24	0 47	4 3	2 2	28 54	14 23	23 0	23 7	25 2		n.a.
T 14	5 28	23 26	3 41	2 22	3 8	11 55	1 26	24 3	1 2	6 52	1 12	20 1	1 8	16 25	0 47	4 3	2 2	28 54	14 23	23 1	23 7	25 2		n.a.
F 15	5 5	24 59	2 52	1 52	2 58	11 28	1 26	24 1	1 3	6 47	1 12	20 0	1 8	16 25	0 47	4 2	2 2	28 53	14 24	23 1	23 7	25 1		n.a.
S 16	4 41	25 23	1 56	1 17	2 46	11 0	1 27	23 58	1 4	6 41	1 12	19 59	1 9	16 26	0 47	4 2	2 2	28 53	14 24	23 1	23 8	25 0		n.a.
S 17	4 18	24 37	0 56	0 38	2 32	10 32	1 27	23 55	1 5	6 36	1 12	19 57	1 9	16 26	0 47	4 1	2 2	28 52	14 24	23 1	23 8	24 59		n.a.
M18	3 54	22 45	0s 7	0n 5	2 16	10 4	1 27	23 52	1 6	6 31	1 12	19 56	1 9	16 27	0 47	4 0	2 2	28 52	14 24	23 1	23 8	24 59		n.a.
T 19	3 30	19 51	1 11	0 50	1 59	9 36	1 27	23 48	1 7	6 26	1 12	19 54	1 9	16 28	0 47	4 0	2 2	28 52	14 25	23 1	23 9	24 58		n.a.
W20	3 6	16 3	2 12	1 37	1 40	9 7	1 27	23 45	1 8	6 21	1 12	19 53	1 9	16 28	0 47	3 59	2 2	28 51	14 25	23 1	23 9	24 57		n.a.
T 21	2 42	11 29	3 7	2 25	1 20	8 38	1 27	23 42	1 9	6 16	1 12	19 51	1 9	16 29	0 47	3 59	2 2	28 51	14 25	23 2	23 9	24 56		n.a.
F 22	2 18	6 20	3 55	3 11	1 0	8 9	1 27	23 38	1 10	6 11	1 13	19 50	1 10	16 29	0 47	3 58	2 2	28 51	14 26	23 3	23 9	24 56		n.a.
S 23	1 54	0 48	4 32	3 56	0 39	7 39	1 27	23 34	1 11	6 5	1 13	19 49	1 10	16 30	0 47	3 57	2 2	28 50	14 26	23 4	23 10	24 55		n.a.
S 24	1 30	4s53	4 55	4 37	0 19	7 10	1 27	23 31	1 12	6 0	1 13	19 47	1 10	16 30	0 47	3 57	2 2	28 50	14 26	23 5	23 10	24 54		n.a.
M25	1 6	10 27	5 1	5 15	0n 1	6 40	1 27	23 27	1 13	5 55	1 13	19 46	1 10	16 31	0 47	3 56	2 2	28 50	14 27	23 6	23 10	24 53		n.a.
T 26	0 42	15 34	4 50	5 47	0 20	6 10	1 26	23 23	1 14	5 50	1 13	19 45	1 10	16 31	0 47	3 55	2 2	28 49	14 27	23 7	23 11	24 52		n.a.
W27	0 18	19 55	4 21	6 14	0 38	5 39	1 26	23 19	1 15	5 45	1 13	19 43	1 10	16 32	0 47	3 55	2 2	28 49	14 27	23 8	23 11	24 51		n.a.
T 28	0s 6	23 9	3 37	6 36	0 54	5 9	1 25	23 14	1 16	5 40	1 13	19 42	1 11	16 32	0 47	3 54	2 2	28 49	14 28	23 9	23 11	24 51		n.a.
F 29	0 31	24 57	2 39	6 51	1 8	4 38	1 25	23 10	1 17	5 35	1 13	19 41	1 11	16 33	0 47	3 53	2 2	28 48	14 28	23 9	23 11	24 50		n.a.
S 30	0s55	25s 8	1s31	7n 0	1n21	4n 8	1n24	23n 6	1n18	5n30	1n13	19n40	1n11	16s33	0s47	3n53	2s 2	28n48	14n28	23s 9	23s12	24n49		n.a.

Julian Day Number = 1625970.5, Delta T = 03h44m43s
Ecliptic obliquity = 23°43'39, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'42, Lahiri = - 7°33'42 Julian Calendar 1 Sept. 262 BCE == Greg. Calendar 28 Aug. 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

OCTOBER 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 20 4	3♎16'07	8♉57	15♍51	24♍11	23♋ 5	19♍16	7♌58	17°R22	14°R24	19♌32	12°R18	11♉46	29♊45	n.a.	S 1
M 2	0 24 0	4°16'19	23° 0	16°18	25°26	23°38	19°29	8° 4	17♒20	14♈23	19°33	12♉18	11°42	29°51	n.a.	M 2
T 3	0 27 57	5°16'32	7♒ 0	16°55	26°42	24°10	19°42	8° 9	17°19	14°21	19°35	12°16	11°39	29°58	n.a.	T 3
W 4	0 31 53	6°16'47	20°55	17°40	27°57	24°42	19°55	8°14	17°18	14°19	19°37	12°12	11°36	0♋ 5	n.a.	W 4
T 5	0 35 50	7°17'03	4♓45	18°32	29°12	25°15	20° 8	8°19	17°16	14°18	19°38	12° 5	11°33	0°11	n.a.	T 5
F 6	0 39 46	8°17'21	18°26	19°31	0♎28	25°46	20°21	8°24	17°15	14°16	19°40	11°55	11°30	0°18	n.a.	F 6
S 7	0 43 43	9°17'40	1♈56	20°36	1°43	26°18	20°33	8°29	17°14	14°14	19°41	11°42	11°27	0°25	n.a.	S 7
S 8	0 47 39	10°18'02	15°11	21°46	2°59	26°50	20°46	8°34	17°13	14°13	19°43	11°29	11°23	0°31	n.a.	S 8
M 9	0 51 36	11°18'25	28°10	23° 0	4°14	27°21	20°59	8°39	17°12	14°11	19°44	11°16	11°20	0°38	n.a.	M 9
T 10	0 55 32	12°18'50	10♉52	24°18	5°30	27°53	21°11	8°43	17°11	14° 9	19°46	11° 4	11°17	0°44	n.a.	T 10
W11	0 59 29	13°19'17	23°16	25°39	6°45	28°24	21°24	8°48	17° 9	14° 8	19°47	10°54	11°14	0°51	n.a.	W11
T 12	1 3 26	14°19'46	5♊26	27° 3	8° 1	28°55	21°37	8°52	17° 8	14° 6	19°49	10°47	11°11	0°58	n.a.	T 12
F 13	1 7 22	15°20'17	17°23	28°29	9°16	29°26	21°49	8°57	17° 8	14° 4	19°50	10°43	11° 8	1° 4	n.a.	F 13
S 14	1 11 19	16°20'49	29°13	29°57	10°32	29°57	22° 2	9° 1	17° 7	14° 3	19°52	10°41	11° 4	1°11	n.a.	S 14
S 15	1 15 15	17°21'24	11♋ 0	1♎26	11°47	0♌28	22°14	9° 6	17° 6	14° 1	19°53	10°41	11° 1	1°18	n.a.	S 15
M16	1 19 12	18°22'01	22°50	2°57	13° 3	0°58	22°27	9°10	17° 5	13°59	19°54	10°41	10°58	1°24	n.a.	M16
T 17	1 23 8	19°22'39	4♌49	4°28	14°19	1°28	22°39	9°14	17° 4	13°57	19°56	10°40	10°55	1°31	n.a.	T 17
W18	1 27 5	20°23'19	17° 1	6° 1	15°34	1°59	22°51	9°18	17° 3	13°56	19°57	10°37	10°52	1°38	n.a.	W18
T 19	1 31 1	21°24'01	29°32	7°34	16°50	2°29	23° 4	9°22	17° 3	13°54	19°58	10°32	10°48	1°44	n.a.	T 19
F 20	1 34 58	22°24'45	12♍25	9° 8	18° 5	2°58	23°16	9°26	17° 2	13°52	20° 0	10°24	10°45	1°51	n.a.	F 20
S 21	1 38 55	23°25'30	25°43	10°41	19°21	3°28	23°28	9°29	17° 2	13°51	20° 1	10°14	10°42	1°58	n.a.	S 21
S 22	1 42 51	24°26'17	9♎24	12°16	20°36	3°58	23°40	9°33	17° 1	13°49	20° 2	10° 2	10°39	2° 4	n.a.	S 22
M23	1 46 48	25°27'06	23°26	13°50	21°52	4°27	23°52	9°37	17° 1	13°47	20° 3	9°50	10°36	2°11	n.a.	M23
T 24	1 50 44	26°27'55	7♏45	15°25	23° 8	4°56	24° 4	9°40	17° 0	13°46	20° 4	9°38	10°33	2°18	n.a.	T 24
W25	1 54 41	27°28'47	22°14	16°59	24°23	5°25	24°16	9°43	17° 0	13°44	20° 5	9°29	10°29	2°24	n.a.	W25
T 26	1 58 37	28°29'39	6♐46	18°34	25°39	5°53	24°28	9°47	17° 0	13°42	20° 6	9°22	10°26	2°31	n.a.	T 26
F 27	2 2 34	29°30'33	21°16	20° 9	26°54	6°22	24°40	9°50	16°59	13°41	20° 7	9°19	10°23	2°37	n.a.	F 27
S 28	2 6 30	0♏31'28	5♉39	21°44	28°10	6°50	24°52	9°53	16°59	13°39	20° 8	9°D18	10°20	2°44	n.a.	S 28
S 29	2 10 27	1°32'23	19°51	23°18	29°26	7°18	25° 4	9°56	16°59	13°38	20° 9	9°18	10°17	2°51	n.a.	S 29
M30	2 14 24	2°33'20	3♒52	24°53	0♏41	7°46	25°16	9°59	16°59	13°36	20°10	9°R18	10°14	2°57	n.a.	M30
T 31	2 18 20	3♏34'17	17♒42	26♎27	1♏57	8♌14	25♍27	10♌ 2	16♒59	13♈34	20♌11	9♉17	10♉10	3♋ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	1s19	23s43	0s18	7n 4	1n33	3n37	1n24	23n 1	1n19	5n25	1n13	19n38	1n11	16s34	0s47	3n52	2s 2	28n48	14n29	23s 9	23s12	24n48			n.a.
M 2	1 43	20 49	0n56	7 2	1 42	3 6	1 23	22 57	1 20	5 20	1 13	19 37	1 11	16 34	0 47	3 51	2 2	28 48	14 29	23 9	23 12	24 47			n.a.
T 3	2 7	16 42	2 7	6 55	1 51	2 35	1 22	22 52	1 21	5 14	1 13	19 36	1 11	16 34	0 47	3 51	2 2	28 48	14 29	23 9	23 13	24 46			n.a.
W 4	2 31	11 43	3 9	6 44	1 57	2 4	1 21	22 47	1 22	5 9	1 13	19 35	1 12	16 35	0 47	3 50	2 2	28 47	14 30	23 10	23 13	24 46			n.a.
T 5	2 55	6 10	4 0	6 28	2 3	1 33	1 20	22 42	1 23	5 4	1 13	19 34	1 12	16 35	0 47	3 49	2 2	28 47	14 30	23 10	23 13	24 45			n.a.
F 6	3 20	0 24	4 36	6 8	2 6	1 1	1 19	22 37	1 24	4 59	1 13	19 32	1 12	16 35	0 47	3 49	2 2	28 47	14 31	23 11	23 13	24 44			n.a.
S 7	3 44	5n17	4 56	5 45	2 9	0 30	1 18	22 32	1 25	4 54	1 13	19 31	1 12	16 36	0 47	3 48	2 2	28 47	14 31	23 12	23 14	24 43			n.a.
S 8	4 8	10 38	4 59	5 18	2 11	0s 1	1 17	22 27	1 26	4 49	1 13	19 30	1 12	16 36	0 47	3 47	2 2	28 47	14 31	23 13	23 14	24 42			n.a.
M 9	4 31	15 25	4 47	4 49	2 11	0 32	1 16	22 22	1 27	4 44	1 13	19 29	1 13	16 36	0 47	3 47	2 2	28 47	14 32	23 15	23 14	24 41			n.a.
T 10	4 55	19 23	4 21	4 17	2 11	1 4	1 15	22 17	1 28	4 39	1 13	19 28	1 13	16 37	0 47	3 46	2 2	28 46	14 32	23 16	23 14	24 40			n.a.
W11	5 19	22 24	3 43	3 44	2 10	1 35	1 14	22 11	1 29	4 34	1 13	19 27	1 13	16 37	0 47	3 45	2 2	28 46	14 33	23 16	23 15	24 39			n.a.
T 12	5 43	24 20	2 55	3 9	2 8	2 7	1 12	22 6	1 31	4 29	1 14	19 26	1 13	16 37	0 46	3 45	2 2	28 46	14 33	23 17	23 15	24 38			n.a.
F 13	6 7	25 7	2 0	2 32	2 6	2 38	1 11	22 0	1 32	4 24	1 14	19 25	1 13	16 38	0 46	3 44	2 2	28 46	14 33	23 17	23 15	24 37			n.a.
S 14	6 30	24 44	1 0	1 54	2 3	3 9	1 10	21 55	1 33	4 20	1 14	19 24	1 14	16 38	0 46	3 43	2 2	28 46	14 34	23 17	23 16	24 36			n.a.
S 15	6 54	23 14	0s 2	1 14	1 59	3 40	1 8	21 49	1 34	4 15	1 14	19 23	1 14	16 38	0 46	3 43	2 2	28 46	14 34	23 18	23 16	24 36			n.a.
M16	7 17	20 43	1 4	0 34	1 55	4 12	1 7	21 44	1 35	4 10	1 14	19 22	1 14	16 38	0 46	3 42	2 2	28 46	14 35	23 18	23 16	24 35			n.a.
T 17	7 40	17 17	2 4	0s 7	1 51	4 43	1 5	21 38	1 36	4 5	1 14	19 21	1 14	16 38	0 46	3 42	2 2	28 46	14 35	23 18	23 16	24 34			n.a.
W18	8 4	13 4	3 0	0 48	1 46	5 14	1 3	21 32	1 37	4 0	1 14	19 20	1 14	16 39	0 46	3 41	2 2	28 46	14 36	23 18	23 17	24 33			n.a.
T 19	8 27	8 13	3 48	1 30	1 41	5 44	1 2	21 27	1 39	3 55	1 14	19 19	1 15	16 39	0 46	3 40	2 2	28 46	14 36	23 18	23 17	24 32			n.a.
F 20	8 50	2 53	4 27	2 12	1 35	6 15	1 0	21 21	1 40	3 50	1 14	19 19	1 15	16 39	0 46	3 40	2 2	28 46	14 37	23 19	23 17	24 31			n.a.
S 21	9 12	2s44	4 52	2 55	1 29	6 46	0 58	21 15	1 41	3 45	1 14	19 18	1 15	16 39	0 46	3 39	2 2	28 46	14 37	23 20	23 17	24 30			n.a.
S 22	9 35	8 22	5 1	3 37	1 24	7 16	0 57	21 9	1 42	3 41	1 14	19 17	1 15	16 39	0 46	3 38	2 2	28 46	14 38	23 21	23 18	24 29			n.a.
M23	9 57	13 44	4 53	4 20	1 17	7 47	0 55	21 3	1 43	3 36	1 15	19 16	1 15	16 39	0 46	3 38	2 2	28 46	14 38	23 22	23 18	24 28			n.a.
T 24	10 20	18 27	4 26	5 3	1 11	8 17	0 53	20 57	1 45	3 31	1 15	19 15	1 16	16 39	0 46	3 37	2 2	28 46	14 38	23 22	23 18	24 27			n.a.
W25	10 42	22 7	3 42	5 45	1 5	8 47	0 51	20 51	1 46	3 26	1 15	19 15	1 16	16 40	0 46	3 36	2 2	28 46	14 39	23 23	23 18	24 26			n.a.
T 26	11 4	24 23	2 44	6 28	0 58	9 16	0 49	20 45	1 47	3 22	1 15	19 14	1 16	16 40	0 46	3 36	2 2	28 46	14 39	23 23	23 19	24 25			n.a.
F 27	11 26	25 0	1 34	7 10	0 52	9 46	0 47	20 39	1 48	3 17	1 15	19 13	1 16	16 40	0 46	3 35	2 2	28 46	14 40	23 24	23 19	24 24			n.a.
S 28	11 48	23 56	0 19	7 52	0 45	10 15	0 45	20 33	1 50	3 12	1 15	19 13	1 16	16 40	0 46	3 35	2 2	28 47	14 40	23 24	23 19	24 23			n.a.
S 29	12 9	21 19	0n56	8 34	0 39	10 44	0 43	20 27	1 51	3 8	1 15	19 12	1 17	16 40	0 46	3 34	2 2	28 47	14 41	23 24	23 19	24 22			n.a.
M30	12 30	17 28	2 7	9 15	0 32	11 13	0 41	20 21	1 52	3 3	1 15	19 12	1 17	16 40	0 46	3 33	2 2	28 47	14 41	23 24	23 20	24 21			n.a.
T 31	12s51	12s42	3n10	9s56	0n25	11s41	0n39	20n15	1n54	2n59	1n15	19n11	1n17	16s40	0s46	3n33	2s 2	28n47	14n42	23s24	23s20	24n20			n.a.

Julian Day Number = 1626000.5, Delta T = 03h44m42s
Ecliptic obliquity = 23°43'39, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'38, Lahiri = - 7°33'38 Julian Calendar 1 Oct. 262 BCE == Greg. Calendar 27 Sept. 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

NOVEMBER 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 22 17	4♏35'15	1♓21	28♎ 2	3♏12	8♌41	25♍39	10♌ 4	16°D59	13°R33	20♌12	9°R14	10♑ 7	3♋11	n.a.	W 1
T 2	2 26 13	5°36'14	14°49	29°36	4°28	9° 9	25°50	10° 7	16♒59	13♈31	20°13	9♑ 8	10° 4	3°17	n.a.	T 2
F 3	2 30 10	6°37'14	28° 5	1♏11	5°43	9°36	26° 2	10° 9	16°59	13°30	20°14	9° 0	10° 1	3°24	n.a.	F 3
S 4	2 34 6	7°38'15	11♈10	2°45	6°59	10° 2	26°13	10°12	16°59	13°28	20°14	8°50	9°58	3°31	n.a.	S 4
S 5	2 38 3	8°39'16	24° 3	4°19	8°15	10°29	26°24	10°14	16°59	13°27	20°15	8°38	9°54	3°37	n.a.	S 5
M 6	2 41 59	9°40'18	6♉44	5°54	9°30	10°55	26°36	10°16	17° 0	13°25	20°16	8°27	9°51	3°44	n.a.	M 6
T 7	2 45 56	10°41'22	19°11	7°28	10°46	11°21	26°47	10°18	17° 0	13°24	20°17	8°17	9°48	3°51	n.a.	T 7
W 8	2 49 53	11°42'26	1♊26	9° 2	12° 1	11°47	26°58	10°20	17° 0	13°22	20°17	8° 9	9°45	3°57	n.a.	W 8
T 9	2 53 49	12°43'32	13°29	10°36	13°17	12°13	27° 9	10°22	17° 1	13°21	20°18	8° 3	9°42	4° 4	n.a.	T 9
F 10	2 57 46	13°44'38	25°24	12°11	14°32	12°38	27°20	10°24	17° 1	13°20	20°19	8° 0	9°39	4°10	n.a.	F 10
S 11	3 1 42	14°45'45	7♋12	13°45	15°48	13° 3	27°31	10°25	17° 2	13°18	20°19	7°D59	9°35	4°17	n.a.	S 11
S 12	3 5 39	15°46'54	18°58	15°19	17° 4	13°28	27°41	10°27	17° 2	13°17	20°20	7°59	9°32	4°24	n.a.	S 12
M13	3 9 35	16°48'03	0♌47	16°54	18°19	13°52	27°52	10°28	17° 3	13°15	20°20	8° 0	9°29	4°30	n.a.	M13
T 14	3 13 32	17°49'13	12°44	18°28	19°35	14°17	28° 2	10°29	17° 3	13°14	20°21	8°R 1	9°26	4°37	n.a.	T 14
W15	3 17 29	18°50'24	24°54	20° 3	20°50	14°41	28°13	10°31	17° 4	13°13	20°21	8° 1	9°23	4°44	n.a.	W15
T 16	3 21 25	19°51'36	7♍22	21°38	22° 6	15° 4	28°23	10°32	17° 5	13°11	20°21	8° 0	9°20	4°50	n.a.	T 16
F 17	3 25 22	20°52'48	20°13	23°13	23°21	15°27	28°34	10°33	17° 6	13°10	20°22	7°56	9°16	4°57	n.a.	F 17
S 18	3 29 18	21°54'01	3♎31	24°48	24°37	15°50	28°44	10°34	17° 7	13° 9	20°22	7°50	9°13	5° 4	n.a.	S 18
S 19	3 33 15	22°55'16	17°16	26°23	25°52	16°13	28°54	10°34	17° 8	13° 8	20°22	7°43	9°10	5°10	n.a.	S 19
M20	3 37 11	23°56'30	1♏28	27°59	27° 8	16°36	29° 4	10°35	17° 8	13° 6	20°23	7°35	9° 7	5°17	n.a.	M20
T 21	3 41 8	24°57'46	16° 2	29°34	28°23	16°58	29°14	10°35	17°10	13° 5	20°23	7°28	9° 4	5°24	n.a.	T 21
W22	3 45 4	25°59'02	0♐52	1♐10	29°39	17°19	29°24	10°36	17°11	13° 4	20°23	7°23	9° 0	5°30	n.a.	W22
T 23	3 49 1	27° 0'18	15°49	2°46	0♐54	17°41	29°33	10°36	17°12	13° 3	20°23	7°19	8°57	5°37	n.a.	T 23
F 24	3 52 58	28° 1'34	0♑45	4°22	2°10	18° 2	29°43	10°36	17°13	13° 2	20°23	7°D17	8°54	5°44	n.a.	F 24
S 25	3 56 54	29° 2'51	15°31	5°58	3°25	18°22	29°52	10°R36	17°14	13° 1	20°23	7°17	8°51	5°50	n.a.	S 25
S 26	4 0 51	0♐ 4'07	0♒ 3	7°35	4°41	18°43	0♎ 2	10°36	17°15	13° 0	20°23	7°18	8°48	5°57	n.a.	S 26
M27	4 4 47	1° 5'23	14°17	9°12	5°56	19° 2	0°11	10°36	17°17	12°59	20°R23	7°20	8°45	6° 3	n.a.	M27
T 28	4 8 44	2° 6'39	28°12	10°49	7°12	19°22	0°20	10°36	17°18	12°58	20°23	7°R21	8°41	6°10	n.a.	T 28
W29	4 12 40	3° 7'55	11♓47	12°26	8°27	19°41	0°29	10°36	17°19	12°57	20°23	7°20	8°38	6°17	n.a.	W29
T 30	4 16 37	4♐ 9'10	25♓ 4	14♐ 3	9♐43	20♌ 0	0♎38	10♌35	17♒21	12♈56	20♌23	7♑19	8♑35	6♋23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13 s12	7 s23	4n 0	10 s37	0n19	12 s 9	0n37	20n 9	1n55	2n54	1n16	19n10	1n17	16 s40	0 s46	3n32	2 s 2	28n47	14n42	23 s24	23 s20	24n19		n.a.
T 2	13 33	1 48	4 37	11 17	0 12	12 37	0 34	20 3	1 56	2 50	1 16	19 10	1 18	16 40	0 46	3 32	2 2	28 47	14 43	23 24	23 20	24 18		n.a.
F 3	13 53	3n47	4 58	11 57	0 5	13 5	0 32	19 57	1 58	2 45	1 16	19 10	1 18	16 39	0 46	3 31	2 2	28 48	14 43	23 25	23 21	24 17		n.a.
S 4	14 13	9 7	5 3	12 36	0 s 1	13 32	0 30	19 51	1 59	2 41	1 16	19 9	1 18	16 39	0 46	3 30	2 2	28 48	14 44	23 26	23 21	24 16		n.a.
S 5	14 33	13 58	4 53	13 14	0 8	13 59	0 28	19 45	2 0	2 36	1 16	19 9	1 18	16 39	0 46	3 30	2 2	28 48	14 44	23 27	23 21	24 15		n.a.
M 6	14 53	18 8	4 28	13 52	0 15	14 26	0 26	19 39	2 2	2 32	1 16	19 8	1 18	16 39	0 46	3 29	2 2	28 48	14 45	23 27	23 21	24 13		n.a.
T 7	15 13	21 25	3 51	14 30	0 21	14 52	0 23	19 33	2 3	2 28	1 16	19 8	1 19	16 39	0 46	3 29	2 2	28 48	14 45	23 28	23 22	24 12		n.a.
W 8	15 32	23 41	3 3	15 7	0 27	15 18	0 21	19 27	2 4	2 23	1 16	19 8	1 19	16 39	0 46	3 28	2 2	28 49	14 46	23 28	23 22	24 11		n.a.
T 9	15 51	24 48	2 8	15 43	0 34	15 43	0 19	19 21	2 6	2 19	1 17	19 7	1 19	16 39	0 45	3 28	2 2	28 49	14 47	23 29	23 22	24 10		n.a.
F 10	16 9	24 46	1 7	16 19	0 40	16 8	0 16	19 15	2 7	2 15	1 17	19 7	1 19	16 39	0 45	3 27	2 2	28 49	14 47	23 29	23 22	24 9		n.a.
S 11	16 28	23 36	0 4	16 53	0 46	16 33	0 14	19 9	2 9	2 11	1 17	19 7	1 20	16 38	0 45	3 27	2 2	28 50	14 48	23 29	23 23	24 8		n.a.
S 12	16 46	21 24	0 s59	17 27	0 52	16 57	0 12	19 3	2 10	2 6	1 17	19 7	1 20	16 38	0 45	3 26	2 2	28 50	14 48	23 29	23 23	24 7		n.a.
M13	17 3	18 16	2 0	18 1	0 58	17 20	0 9	18 58	2 12	2 2	1 17	19 6	1 20	16 38	0 45	3 26	2 2	28 50	14 49	23 29	23 23	24 6		n.a.
T 14	17 21	14 22	2 56	18 33	1 4	17 44	0 7	18 52	2 13	1 58	1 17	19 6	1 20	16 38	0 45	3 25	2 2	28 51	14 49	23 29	23 23	24 5		n.a.
W15	17 38	9 50	3 46	19 5	1 9	18 6	0 4	18 46	2 15	1 54	1 17	19 6	1 20	16 37	0 45	3 25	2 2	28 51	14 50	23 29	23 23	24 4		n.a.
T 16	17 55	4 48	4 26	19 35	1 15	18 29	0 2	18 41	2 16	1 50	1 18	19 6	1 21	16 37	0 45	3 24	2 2	28 51	14 50	23 29	23 24	24 2		n.a.
F 17	18 11	0 s35	4 54	20 5	1 20	18 50	0 s 0	18 35	2 18	1 46	1 18	19 6	1 21	16 37	0 45	3 24	2 2	28 52	14 51	23 29	23 24	24 1		n.a.
S 18	18 28	6 7	5 8	20 34	1 25	19 12	0 3	18 29	2 19	1 42	1 18	19 6	1 21	16 37	0 45	3 23	2 2	28 52	14 51	23 30	23 24	24 0		n.a.
S 19	18 43	11 32	5 5	21 2	1 30	19 32	0 5	18 24	2 21	1 38	1 18	19 6	1 21	16 36	0 45	3 23	2 2	28 52	14 52	23 30	23 24	23 59		n.a.
M20	18 59	16 32	4 43	21 29	1 34	19 52	0 7	18 19	2 22	1 34	1 18	19 6	1 22	16 36	0 45	3 22	2 2	28 53	14 52	23 30	23 25	23 58		n.a.
T 21	19 14	20 42	4 2	21 54	1 39	20 12	0 10	18 13	2 24	1 30	1 18	19 6	1 22	16 36	0 45	3 22	2 1	28 53	14 53	23 31	23 25	23 57		n.a.
W22	19 29	23 35	3 5	22 19	1 43	20 31	0 12	18 8	2 26	1 27	1 19	19 6	1 22	16 35	0 45	3 22	2 1	28 54	14 53	23 31	23 25	23 56		n.a.
T 23	19 43	24 51	1 54	22 43	1 47	20 49	0 15	18 3	2 27	1 23	1 19	19 6	1 22	16 35	0 45	3 21	2 1	28 54	14 54	23 31	23 25	23 54		n.a.
F 24	19 57	24 19	0 36	23 5	1 51	21 7	0 17	17 58	2 29	1 19	1 19	19 7	1 23	16 34	0 45	3 21	2 1	28 55	14 54	23 31	23 25	23 53		n.a.
S 25	20 11	22 4	0n45	23 26	1 54	21 24	0 19	17 53	2 30	1 16	1 19	19 7	1 23	16 34	0 45	3 20	2 1	28 55	14 55	23 31	23 26	23 52		n.a.
S 26	20 25	18 25	2 1	23 46	1 57	21 41	0 22	17 48	2 32	1 12	1 19	19 7	1 23	16 34	0 45	3 20	2 1	28 56	14 56	23 31	23 26	23 51		n.a.
M27	20 37	13 44	3 8	24 4	2 0	21 57	0 24	17 44	2 34	1 8	1 20	19 7	1 23	16 33	0 45	3 20	2 1	28 56	14 56	23 31	23 26	23 50		n.a.
T 28	20 50	8 27	4 3	24 21	2 2	22 12	0 26	17 39	2 36	1 5	1 20	19 8	1 23	16 33	0 45	3 19	2 1	28 57	14 57	23 31	23 26	23 48		n.a.
W29	21 2	2 53	4 42	24 36	2 4	22 27	0 28	17 34	2 37	1 1	1 20	19 8	1 24	16 32	0 45	3 19	2 1	28 57	14 57	23 31	23 27	23 47		n.a.
T 30	21 s14	2n41	5n 5	24 s50	2 s 6	22 s41	0 s31	17n30	2n39	0n58	1n20	19n 8	1n24	16 s32	0 s45	3n19	2 s 1	28n58	14n58	23 s31	23 s27	23n46		n.a.

Julian Day Number = 1626031.5, Delta T = 03h44m41s
Ecliptic obliquity = 23°43'39, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'34, Lahiri = - 7°33'33 Julian Calendar 1 Nov. 262 BCE == Greg. Calendar 28 Oct. 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 262 BCE
geocentric

DECEMBER 262 BCE (-261) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 20 33	5♐10'25	8♈ 5	15♐40	10♐58	20♌18	0♎47	10°R35	17♒22	12°R55	20°R23	7°R15	8♑32	6♋30	n.a.	F 1
S 2	4 24 30	6°11'40	20°51	17°17	12°14	20°36	0°56	10♌34	17°24	12♈54	20♌23	7♑10	8°29	6°37	n.a.	S 2
S 3	4 28 27	7°12'55	3♉24	18°54	13°29	20°53	1° 4	10°33	17°26	12°53	20°23	7° 5	8°25	6°43	n.a.	S 3
M 4	4 32 23	8°14'09	15°46	20°31	14°44	21°10	1°13	10°32	17°27	12°52	20°23	7° 0	8°22	6°50	n.a.	M 4
T 5	4 36 20	9°15'23	27°58	22° 8	16° 0	21°27	1°21	10°31	17°29	12°52	20°22	6°55	8°19	6°57	n.a.	T 5
W 6	4 40 16	10°16'37	10♊ 1	23°45	17°15	21°43	1°29	10°30	17°31	12°51	20°22	6°51	8°16	7° 3	n.a.	W 6
T 7	4 44 13	11°17'51	21°57	25°21	18°31	21°59	1°37	10°29	17°32	12°50	20°22	6°49	8°13	7°10	n.a.	T 7
F 8	4 48 9	12°19'05	3♋47	26°56	19°46	22°14	1°45	10°28	17°34	12°49	20°22	6°D48	8°10	7°17	n.a.	F 8
S 9	4 52 6	13°20'18	15°34	28°31	21° 1	22°29	1°53	10°26	17°36	12°49	20°21	6°48	8° 6	7°23	n.a.	S 9
S 10	4 56 3	14°21'31	27°21	0♑ 4	22°17	22°43	2° 1	10°25	17°38	12°48	20°21	6°49	8° 3	7°30	n.a.	S 10
M11	4 59 59	15°22'44	9♌11	1°36	23°32	22°57	2° 8	10°23	17°40	12°48	20°20	6°51	8° 0	7°37	n.a.	M11
T 12	5 3 56	16°23'56	21° 9	3° 7	24°47	23°10	2°16	10°21	17°42	12°47	20°20	6°53	7°57	7°43	n.a.	T 12
W13	5 7 52	17°25'08	3♍17	4°35	26° 3	23°22	2°23	10°19	17°44	12°46	20°19	6°54	7°54	7°50	n.a.	W13
T 14	5 11 49	18°26'20	15°42	6° 2	27°18	23°35	2°30	10°17	17°46	12°46	20°19	6°R55	7°51	7°56	n.a.	T 14
F 15	5 15 45	19°27'32	28°28	7°25	28°33	23°46	2°37	10°15	17°48	12°45	20°18	6°55	7°47	8° 3	n.a.	F 15
S 16	5 19 42	20°28'44	11♎38	8°45	29°48	23°57	2°44	10°13	17°50	12°45	20°18	6°54	7°44	8°10	n.a.	S 16
S 17	5 23 38	21°29'55	25°15	10° 0	1♑ 4	24° 8	2°51	10°11	17°53	12°45	20°17	6°52	7°41	8°16	n.a.	S 17
M18	5 27 35	22°31'05	9♏21	11°11	2°19	24°17	2°57	10° 8	17°55	12°44	20°16	6°50	7°38	8°23	n.a.	M18
T 19	5 31 32	23°32'16	23°52	12°17	3°34	24°27	3° 4	10° 6	17°57	12°44	20°16	6°48	7°35	8°30	n.a.	T 19
W20	5 35 28	24°33'26	8♐45	13°16	4°49	24°35	3°10	10° 3	18° 0	12°44	20°15	6°47	7°31	8°36	n.a.	W20
T 21	5 39 25	25°34'35	23°53	14° 8	6° 5	24°43	3°16	10° 1	18° 2	12°43	20°14	6°46	7°28	8°43	n.a.	T 21
F 22	5 43 21	26°35'43	9♑ 5	14°52	7°20	24°51	3°22	9°58	18° 4	12°43	20°13	6°D46	7°25	8°50	n.a.	F 22
S 23	5 47 18	27°36'51	24°13	15°28	8°35	24°57	3°28	9°55	18° 7	12°43	20°13	6°46	7°22	8°56	n.a.	S 23
S 24	5 51 14	28°37'57	9♒ 7	15°53	9°50	25° 3	3°33	9°52	18° 9	12°43	20°12	6°47	7°19	9° 3	n.a.	S 24
M25	5 55 11	29°39'02	23°41	16° 8	11° 6	25° 9	3°39	9°49	18°12	12°43	20°11	6°47	7°16	9°10	n.a.	M25
T 26	5 59 7	0♑40'06	7♓50	16°R12	12°21	25°13	3°44	9°46	18°14	12°43	20°10	6°48	7°12	9°16	n.a.	T 26
W27	6 3 4	1°41'08	21°34	16° 5	13°36	25°18	3°49	9°43	18°17	12°43	20° 9	6°48	7° 9	9°23	n.a.	W27
T 28	6 7 1	2°42'09	4♈54	15°47	14°51	25°21	3°54	9°40	18°19	12°D42	20° 8	6°R48	7° 6	9°29	n.a.	T 28
F 29	6 10 57	3°43'09	17°51	15°17	16° 6	25°24	3°59	9°36	18°22	12°43	20° 7	6°48	7° 3	9°36	n.a.	F 29
S 30	6 14 54	4°44'08	0♉28	14°36	17°21	25°25	4° 4	9°33	18°25	12°43	20° 6	6°48	7° 0	9°43	n.a.	S 30
S 31	6 18 50	5♑45'05	12♉49	13♑46	18♑36	25♌27	4♎ 8	9♌30	18♒27	12♈43	20♌ 5	6♑48	6♑57	9♋49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s25	8n 1	5n12	25 s 3	2 s 7	22 s54	0 s33	17n26	2n41	0n55	1n20	19n 9	1n24	16 s31	0 s45	3n18	2 s 1	28n58	14n58	23 s32	23 s27	23n45		n.a.
S 2	21 36	12 55	5 4	25 14	2 8	23 7	0 35	17 22	2 43	0 51	1 21	19 9	1 24	16 31	0 45	3 18	2 1	28 59	14 59	23 32	23 27	23 44		n.a.
S 3	21 47	17 11	4 40	25 23	2 8	23 19	0 37	17 18	2 44	0 48	1 21	19 9	1 25	16 30	0 45	3 18	2 1	28 59	14 59	23 32	23 27	23 42		n.a.
M 4	21 57	20 39	4 4	25 31	2 8	23 30	0 39	17 14	2 46	0 45	1 21	19 10	1 25	16 30	0 45	3 18	2 1	29 0	15 0	23 32	23 28	23 41		n.a.
T 5	22 6	23 9	3 17	25 37	2 7	23 40	0 42	17 10	2 48	0 42	1 21	19 10	1 25	16 29	0 45	3 17	2 1	29 0	15 0	23 33	23 28	23 40		n.a.
W 6	22 15	24 34	2 22	25 41	2 6	23 50	0 44	17 6	2 50	0 39	1 21	19 11	1 25	16 29	0 45	3 17	2 1	29 1	15 1	23 33	23 28	23 39		n.a.
T 7	22 24	24 50	1 21	25 43	2 4	23 59	0 46	17 3	2 52	0 35	1 22	19 12	1 26	16 28	0 44	3 17	2 1	29 1	15 1	23 33	23 28	23 37		n.a.
F 8	22 33	23 57	0 17	25 43	2 2	24 7	0 48	17 0	2 53	0 32	1 22	19 12	1 26	16 27	0 44	3 17	2 1	29 2	15 2	23 33	23 28	23 36		n.a.
S 9	22 40	22 0	0 s48	25 42	1 59	24 15	0 50	16 57	2 55	0 30	1 22	19 13	1 26	16 27	0 44	3 16	2 0	29 3	15 2	23 33	23 29	23 35		n.a.
S 10	22 48	19 7	1 51	25 38	1 55	24 22	0 52	16 54	2 57	0 27	1 22	19 13	1 26	16 26	0 44	3 16	2 0	29 3	15 3	23 33	23 29	23 34		n.a.
M11	22 55	15 27	2 50	25 33	1 50	24 28	0 54	16 51	2 59	0 24	1 22	19 14	1 26	16 26	0 44	3 16	2 0	29 4	15 3	23 33	23 29	23 32		n.a.
T 12	23 1	11 8	3 41	25 26	1 45	24 33	0 56	16 48	3 1	0 21	1 23	19 15	1 27	16 25	0 44	3 16	2 0	29 4	15 4	23 33	23 29	23 31		n.a.
W13	23 7	6 19	4 24	25 17	1 39	24 38	0 58	16 46	3 3	0 18	1 23	19 15	1 27	16 24	0 44	3 16	2 0	29 5	15 4	23 33	23 29	23 30		n.a.
T 14	23 13	1 10	4 55	25 7	1 32	24 41	0 59	16 44	3 5	0 16	1 23	19 16	1 27	16 24	0 44	3 16	2 0	29 6	15 5	23 33	23 30	23 29		n.a.
F 15	23 18	4 s10	5 13	24 54	1 24	24 44	1 1	16 42	3 7	0 13	1 23	19 17	1 27	16 23	0 44	3 15	2 0	29 6	15 5	23 33	23 30	23 27		n.a.
S 16	23 23	9 29	5 16	24 40	1 14	24 47	1 3	16 40	3 9	0 11	1 23	19 18	1 28	16 22	0 44	3 15	2 0	29 7	15 6	23 33	23 30	23 26		n.a.
S 17	23 27	14 32	5 1	24 25	1 4	24 48	1 5	16 38	3 11	0 8	1 24	19 19	1 28	16 21	0 44	3 15	2 0	29 8	15 6	23 33	23 30	23 25		n.a.
M18	23 31	19 0	4 27	24 8	0 53	24 49	1 6	16 37	3 13	0 6	1 24	19 19	1 28	16 21	0 44	3 15	2 0	29 8	15 7	23 33	23 30	23 23		n.a.
T 19	23 34	22 27	3 36	23 50	0 41	24 49	1 8	16 35	3 15	0 3	1 24	19 20	1 28	16 20	0 44	3 15	2 0	29 9	15 7	23 33	23 30	23 22		n.a.
W20	23 37	24 29	2 29	23 31	0 28	24 48	1 10	16 34	3 17	0 1	1 24	19 21	1 28	16 19	0 44	3 15	2 0	29 10	15 8	23 33	23 31	23 21		n.a.
T 21	23 39	24 46	1 11	23 12	0 14	24 46	1 11	16 34	3 19	0 s 1	1 25	19 22	1 29	16 18	0 44	3 15	2 0	29 10	15 8	23 33	23 31	23 19		n.a.
F 22	23 41	23 12	0n13	22 52	0n 1	24 44	1 13	16 33	3 21	0 3	1 25	19 23	1 29	16 18	0 44	3 15	2 0	29 11	15 9	23 33	23 31	23 18		n.a.
S 23	23 42	19 58	1 36	22 32	0 17	24 41	1 14	16 33	3 23	0 6	1 25	19 24	1 29	16 17	0 44	3 15	2 0	29 12	15 9	23 33	23 31	23 17		n.a.
S 24	23 43	15 27	2 50	22 12	0 34	24 37	1 15	16 32	3 25	0 8	1 25	19 25	1 29	16 16	0 44	3 15	2 0	29 13	15 9	23 33	23 31	23 15		n.a.
M25	23 44	10 8	3 52	21 53	0 52	24 32	1 17	16 33	3 27	0 10	1 26	19 26	1 29	16 15	0 44	3 15	1 59	29 13	15 10	23 33	23 32	23 14		n.a.
T 26	23 44	4 26	4 38	21 34	1 10	24 26	1 18	16 33	3 29	0 11	1 26	19 27	1 30	16 14	0 44	3 15	1 59	29 14	15 10	23 33	23 32	23 13		n.a.
W27	23 43	1n19	5 7	21 16	1 29	24 20	1 19	16 33	3 32	0 13	1 26	19 28	1 30	16 14	0 44	3 15	1 59	29 15	15 11	23 33	23 32	23 11		n.a.
T 28	23 42	6 49	5 18	21 0	1 47	24 13	1 20	16 34	3 34	0 15	1 26	19 29	1 30	16 13	0 44	3 15	1 59	29 15	15 11	23 33	23 32	23 10		n.a.
F 29	23 40	11 53	5 12	20 45	2 6	24 5	1 21	16 35	3 36	0 17	1 27	19 30	1 30	16 12	0 44	3 15	1 59	29 16	15 12	23 33	23 32	23 9		n.a.
S 30	23 38	16 18	4 51	20 32	2 23	23 57	1 22	16 37	3 38	0 18	1 27	19 32	1 30	16 11	0 44	3 15	1 59	29 17	15 12	23 33	23 32	23 7		n.a.
S 31	23 s36	19n57	4n17	20 s21	2n40	23 s48	1 s23	16n38	3n40	0 s20	1n27	19n33	1n31	16 s10	0 s44	3n15	1 s59	29n18	15n12	23 s33	23 s33	23n 6		n.a.

Julian Day Number = 1626061.5, Delta T = 03h44m40s
Ecliptic obliquity = 23°43'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'30, Lahiri = - 7°33'29 Julian Calendar 1 Dec. 262 BCE == Greg. Calendar 27 Nov. 262 BCE

The year -261 astronomical counting style corresponds to year 262 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

JANUARY 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 22 47	6♑46'00	24♉58	12°R47	19♑51	25°R27	4♎12	9°R26	18♒30	12♈43	20°R 4	6°D48	6♑53	9♋56	n.a.	M 1
T 2	6 26 43	7°46'55	6♊58	11♑42	21° 6	25♏27	4°17	9♏22	18°33	12°43	20♏ 3	6♑48	6°50	10° 3	n.a.	T 2
W 3	6 30 40	8°47'48	18°51	10°32	22°21	25°26	4°21	9°19	18°36	12°43	20° 2	6°48	6°47	10° 9	n.a.	W 3
T 4	6 34 37	9°48'39	0♋41	9°19	23°36	25°24	4°24	9°15	18°39	12°43	20° 1	6°48	6°44	10°16	n.a.	T 4
F 5	6 38 33	10°49'30	12°28	8° 6	24°51	25°22	4°28	9°11	18°41	12°44	20° 0	6°R48	6°41	10°23	n.a.	F 5
S 6	6 42 30	11°50'19	24°17	6°54	26° 6	25°18	4°31	9° 7	18°44	12°44	19°59	6°48	6°37	10°29	n.a.	S 6
S 7	6 46 26	12°51'06	6♏ 8	5°45	27°21	25°14	4°35	9° 3	18°47	12°44	19°57	6°47	6°34	10°36	n.a.	S 7
M 8	6 50 23	13°51'53	18° 4	4°42	28°36	25°10	4°38	8°59	18°50	12°45	19°56	6°46	6°31	10°43	n.a.	M 8
T 9	6 54 19	14°52'38	0♍ 7	3°44	29°51	25° 4	4°41	8°55	18°53	12°45	19°55	6°45	6°28	10°49	n.a.	T 9
W10	6 58 16	15°53'21	12°21	2°53	1♒ 6	24°58	4°43	8°51	18°56	12°45	19°54	6°44	6°25	10°56	n.a.	W10
T 11	7 2 12	16°54'04	24°48	2°10	2°21	24°50	4°46	8°46	18°59	12°46	19°53	6°43	6°22	11° 3	n.a.	T 11
F 12	7 6 9	17°54'45	7♎31	1°35	3°35	24°42	4°48	8°42	19° 2	12°46	19°51	6°42	6°18	11° 9	n.a.	F 12
S 13	7 10 6	18°55'25	20°35	1° 9	4°50	24°34	4°51	8°38	19° 5	12°47	19°50	6°D42	6°15	11°16	n.a.	S 13
S 14	7 14 2	19°56'04	4♏ 2	0°50	6° 5	24°24	4°53	8°33	19° 8	12°47	19°49	6°42	6°12	11°22	n.a.	S 14
M15	7 17 59	20°56'41	17°54	0°39	7°20	24°14	4°54	8°29	19°11	12°48	19°47	6°43	6° 9	11°29	n.a.	M15
T 16	7 21 55	21°57'17	2♐11	0°D35	8°35	24° 3	4°56	8°25	19°15	12°49	19°46	6°44	6° 6	11°36	n.a.	T 16
W17	7 25 52	22°57'52	16°50	0°38	9°49	23°51	4°57	8°20	19°18	12°49	19°45	6°46	6° 3	11°42	n.a.	W17
T 18	7 29 48	23°58'26	1♑49	0°48	11° 4	23°38	4°59	8°16	19°21	12°50	19°43	6°R46	5°59	11°49	n.a.	T 18
F 19	7 33 45	24°58'58	16°59	1° 4	12°19	23°25	5° 0	8°11	19°24	12°51	19°42	6°46	5°56	11°56	n.a.	F 19
S 20	7 37 41	25°59'28	2♒10	1°27	13°33	23°10	5° 1	8° 6	19°27	12°52	19°40	6°45	5°53	12° 2	n.a.	S 20
S 21	7 41 38	26°59'56	17°15	1°54	14°48	22°55	5° 1	8° 2	19°31	12°52	19°39	6°43	5°50	12° 9	n.a.	S 21
M22	7 45 35	28° 0'22	2♓ 3	2°26	16° 3	22°40	5° 2	7°57	19°34	12°53	19°37	6°40	5°47	12°16	n.a.	M22
T 23	7 49 31	29° 0'47	16°27	3° 3	17°17	22°24	5° 2	7°52	19°37	12°54	19°36	6°37	5°43	12°22	n.a.	T 23
W24	7 53 28	0♒ 1'09	0♈24	3°44	18°32	22° 7	5°R 2	7°48	19°40	12°55	19°35	6°34	5°40	12°29	n.a.	W24
T 25	7 57 24	1° 1'29	13°53	4°30	19°46	21°49	5° 2	7°43	19°44	12°56	19°33	6°32	5°37	12°36	n.a.	T 25
F 26	8 1 21	2° 1'47	26°54	5°18	21° 1	21°31	5° 2	7°38	19°47	12°57	19°32	6°D31	5°34	12°42	n.a.	F 26
S 27	8 5 17	3° 2'03	9♉32	6°10	22°15	21°12	5° 2	7°33	19°50	12°58	19°30	6°31	5°31	12°49	n.a.	S 27
S 28	8 9 14	4° 2'17	21°51	7° 6	23°30	20°52	5° 1	7°29	19°54	12°59	19°28	6°32	5°28	12°56	n.a.	S 28
M29	8 13 10	5° 2'29	3♊55	8° 4	24°44	20°33	5° 0	7°24	19°57	13° 0	19°27	6°34	5°24	13° 2	n.a.	M29
T 30	8 17 7	6° 2'38	15°49	9° 4	25°59	20°12	4°59	7°19	20° 0	13° 1	19°25	6°35	5°21	13° 9	n.a.	T 30
W31	8 21 4	7♒ 2'46	27♊37	10♑ 8	27♒13	19♏51	4♎58	7♏14	20♒ 4	13♈ 2	19♏24	6♑37	5♑18	13♋15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23 s33	22n40	3n32	20 s12	2n55	23 s38	1 s24	16n40	3n42	0 s21	1n27	19n34	1n31	16 s 9	0 s44	3n15	1 s59	29n18	15n13	23 s33	23 s33	23n 5			n.a.
T 2	23 30	24 20	2 39	20 4	3 9	23 27	1 25	16 42	3 44	0 23	1 28	19 35	1 31	16 8	0 44	3 16	1 59	29 19	15 13	23 33	23 33	23 3			n.a.
W 3	23 26	24 53	1 38	19 59	3 20	23 16	1 26	16 44	3 46	0 24	1 28	19 36	1 31	16 8	0 44	3 16	1 59	29 20	15 14	23 33	23 33	23 2			n.a.
T 4	23 22	24 18	0 34	19 55	3 29	23 4	1 27	16 47	3 48	0 26	1 28	19 37	1 31	16 7	0 44	3 16	1 59	29 20	15 14	23 33	23 33	23 0			n.a.
F 5	23 17	22 37	0 s32	19 53	3 36	22 51	1 27	16 50	3 50	0 27	1 28	19 39	1 31	16 6	0 44	3 16	1 59	29 21	15 14	23 33	23 33	22 59			n.a.
S 6	23 12	19 57	1 36	19 52	3 41	22 37	1 28	16 53	3 52	0 28	1 29	19 40	1 32	16 5	0 44	3 16	1 59	29 22	15 15	23 33	23 34	22 58			n.a.
S 7	23 6	16 27	2 36	19 54	3 43	22 23	1 29	16 56	3 55	0 29	1 29	19 41	1 32	16 4	0 44	3 16	1 59	29 23	15 15	23 33	23 34	22 56			n.a.
M 8	23 0	12 16	3 30	19 56	3 42	22 8	1 29	17 0	3 57	0 30	1 29	19 42	1 32	16 3	0 44	3 17	1 58	29 23	15 15	23 33	23 34	22 55			n.a.
T 9	22 53	7 35	4 15	20 0	3 40	21 53	1 30	17 3	3 59	0 31	1 29	19 44	1 32	16 2	0 44	3 17	1 58	29 24	15 16	23 33	23 34	22 53			n.a.
W10	22 46	2 34	4 49	20 6	3 36	21 37	1 30	17 8	4 1	0 32	1 30	19 45	1 32	16 1	0 44	3 17	1 58	29 25	15 16	23 33	23 34	22 52			n.a.
T 11	22 39	2 s39	5 11	20 12	3 30	21 20	1 30	17 12	4 2	0 33	1 30	19 46	1 32	16 0	0 44	3 17	1 58	29 26	15 17	23 33	23 34	22 51			n.a.
F 12	22 31	7 52	5 17	20 20	3 23	21 3	1 30	17 16	4 4	0 33	1 30	19 47	1 33	15 59	0 44	3 18	1 58	29 26	15 17	23 33	23 34	22 49			n.a.
S 13	22 22	12 53	5 8	20 29	3 14	20 45	1 31	17 21	4 6	0 34	1 30	19 49	1 33	15 58	0 44	3 18	1 58	29 27	15 17	23 33	23 35	22 48			n.a.
S 14	22 14	17 26	4 42	20 38	3 5	20 26	1 31	17 26	4 8	0 35	1 31	19 50	1 33	15 57	0 44	3 18	1 58	29 28	15 17	23 33	23 35	22 46			n.a.
M15	22 4	21 11	3 59	20 49	2 55	20 7	1 31	17 31	4 10	0 35	1 31	19 51	1 33	15 56	0 44	3 18	1 58	29 29	15 18	23 33	23 35	22 45			n.a.
T 16	21 55	23 47	3 0	20 59	2 44	19 47	1 31	17 37	4 12	0 35	1 31	19 53	1 33	15 55	0 43	3 19	1 58	29 29	15 18	23 33	23 35	22 43			n.a.
W17	21 45	24 52	1 48	21 10	2 33	19 27	1 31	17 43	4 14	0 36	1 32	19 54	1 33	15 54	0 43	3 19	1 58	29 30	15 18	23 33	23 35	22 42			n.a.
T 18	21 34	24 10	0 27	21 22	2 22	19 6	1 30	17 49	4 15	0 36	1 32	19 55	1 33	15 53	0 43	3 19	1 58	29 31	15 19	23 33	23 35	22 40			n.a.
F 19	21 23	21 42	0n56	21 33	2 10	18 45	1 30	17 55	4 17	0 36	1 32	19 57	1 34	15 52	0 43	3 20	1 58	29 32	15 19	23 33	23 36	22 39			n.a.
S 20	21 12	17 42	2 16	21 45	1 58	18 23	1 30	18 1	4 19	0 36	1 32	19 58	1 34	15 51	0 43	3 20	1 58	29 32	15 19	23 33	23 36	22 37			n.a.
S 21	21 1	12 35	3 26	21 56	1 47	18 1	1 29	18 7	4 20	0 36	1 33	19 59	1 34	15 50	0 43	3 20	1 58	29 33	15 19	23 33	23 36	22 36			n.a.
M22	20 49	6 50	4 20	22 7	1 35	17 38	1 29	18 14	4 21	0 36	1 33	20 1	1 34	15 49	0 43	3 21	1 58	29 34	15 20	23 33	23 36	22 34			n.a.
T 23	20 36	0 52	4 56	22 18	1 23	17 14	1 28	18 21	4 23	0 36	1 33	20 2	1 34	15 48	0 43	3 21	1 57	29 35	15 20	23 34	23 36	22 33			n.a.
W24	20 23	4n57	5 13	22 29	1 12	16 51	1 28	18 28	4 24	0 36	1 33	20 3	1 34	15 47	0 43	3 22	1 57	29 35	15 20	23 34	23 36	22 31			n.a.
T 25	20 10	10 20	5 13	22 39	1 0	16 26	1 27	18 35	4 25	0 36	1 34	20 5	1 34	15 46	0 43	3 22	1 57	29 36	15 20	23 34	23 36	22 30			n.a.
F 26	19 57	15 4	4 56	22 48	0 49	16 2	1 26	18 42	4 27	0 35	1 34	20 6	1 34	15 45	0 43	3 23	1 57	29 37	15 21	23 34	23 37	22 28			n.a.
S 27	19 43	19 1	4 25	22 56	0 38	15 36	1 26	18 49	4 28	0 35	1 34	20 7	1 35	15 44	0 43	3 23	1 57	29 37	15 21	23 34	23 37	22 27			n.a.
S 28	19 29	22 1	3 42	23 4	0 28	15 11	1 25	18 57	4 29	0 34	1 34	20 9	1 35	15 43	0 43	3 23	1 57	29 38	15 21	23 34	23 37	22 25			n.a.
M29	19 14	23 58	2 50	23 11	0 17	14 45	1 24	19 4	4 30	0 34	1 35	20 10	1 35	15 41	0 43	3 24	1 57	29 39	15 21	23 34	23 37	22 24			n.a.
T 30	18 59	24 49	1 52	23 17	0 7	14 19	1 23	19 11	4 30	0 33	1 35	20 11	1 35	15 40	0 43	3 24	1 57	29 40	15 21	23 34	23 37	22 22			n.a.
W31	18 s44	24n32	0n49	23 s23	0 s 2	13 s52	1 s22	19n19	4n31	0 s33	1n35	20n13	1n35	15 s39	0 s43	3n25	1 s57	29n40	15n22	23 s34	23 s37	22n21			n.a.

Julian Day Number = 1626092.5, Delta T = 03h44m39s
Ecliptic obliquity = 23°43'37, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'26, Lahiri = - 7°33'25 Julian Calendar 1 Jan. 261 BCE == Greg. Calendar 28 Dec. 262 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

FEBRUARY 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 0	8♒ 2'51	9♋24	11♑14	28♒27	19°R30	4°R56	7°R10	20♒ 7	13♈ 3	19°R22	6°R37	5♑15	13♋22	n.a.	T 1
F 2	8 28 57	9° 2'54	21°12	12°21	29°41	19♌ 8	4♎55	7♌ 5	20°10	13° 4	19♌21	6♑36	5°12	13°29	n.a.	F 2
S 3	8 32 53	10° 2'55	3♌ 4	13°31	0♓56	18°46	4°53	7° 0	20°14	13° 6	19°19	6°33	5° 9	13°35	n.a.	S 3
S 4	8 36 50	11° 2'55	15° 2	14°43	2°10	18°24	4°51	6°55	20°17	13° 7	19°18	6°29	5° 5	13°42	n.a.	S 4
M 5	8 40 46	12° 2'52	27° 8	15°57	3°24	18° 1	4°49	6°50	20°21	13° 8	19°16	6°23	5° 2	13°49	n.a.	M 5
T 6	8 44 43	13° 2'47	9♍24	17°13	4°38	17°38	4°47	6°46	20°24	13° 9	19°14	6°16	4°59	13°55	n.a.	T 6
W 7	8 48 39	14° 2'40	21°50	18°30	5°52	17°15	4°44	6°41	20°27	13°11	19°13	6° 9	4°56	14° 2	n.a.	W 7
T 8	8 52 36	15° 2'31	4♎28	19°49	7° 6	16°51	4°42	6°36	20°31	13°12	19°11	6° 3	4°53	14° 9	n.a.	T 8
F 9	8 56 32	16° 2'20	17°19	21°10	8°20	16°28	4°39	6°32	20°34	13°14	19°10	5°58	4°49	14°15	n.a.	F 9
S 10	9 0 29	17° 2'08	0♏26	22°32	9°34	16° 4	4°36	6°27	20°38	13°15	19° 8	5°55	4°46	14°22	n.a.	S 10
S 11	9 4 26	18° 1'54	13°49	23°56	10°48	15°41	4°32	6°22	20°41	13°16	19° 6	5°D53	4°43	14°29	n.a.	S 11
M12	9 8 22	19° 1'38	27°31	25°21	12° 2	15°17	4°29	6°18	20°44	13°18	19° 5	5°54	4°40	14°35	n.a.	M12
T 13	9 12 19	20° 1'20	11♐33	26°47	13°16	14°54	4°26	6°13	20°48	13°19	19° 3	5°55	4°37	14°42	n.a.	T 13
W14	9 16 15	21° 1'01	25°53	28°15	14°30	14°30	4°22	6° 8	20°51	13°21	19° 2	5°56	4°34	14°49	n.a.	W14
T 15	9 20 12	22° 0'40	10♑31	29°44	15°44	14° 7	4°18	6° 4	20°55	13°22	19° 0	5°R56	4°30	14°55	n.a.	T 15
F 16	9 24 8	23° 0'16	25°23	1♒15	16°57	13°44	4°14	5°59	20°58	13°24	18°58	5°55	4°27	15° 2	n.a.	F 16
S 17	9 28 5	23°59'51	10♒20	2°47	18°11	13°21	4°10	5°55	21° 2	13°26	18°57	5°51	4°24	15° 8	n.a.	S 17
S 18	9 32 1	24°59'24	25°16	4°20	19°25	12°59	4° 5	5°51	21° 5	13°27	18°55	5°45	4°21	15°15	n.a.	S 18
M19	9 35 58	25°58'54	10♓ 2	5°54	20°39	12°37	4° 1	5°46	21° 9	13°29	18°54	5°38	4°18	15°22	n.a.	M19
T 20	9 39 55	26°58'23	24°29	7°30	21°52	12°15	3°56	5°42	21°12	13°30	18°52	5°29	4°15	15°28	n.a.	T 20
W21	9 43 51	27°57'48	8♈31	9° 7	23° 6	11°53	3°51	5°38	21°15	13°32	18°50	5°21	4°11	15°35	n.a.	W21
T 22	9 47 48	28°57'12	22° 6	10°46	24°19	11°32	3°46	5°34	21°19	13°34	18°49	5°14	4° 8	15°42	n.a.	T 22
F 23	9 51 44	29°56'33	5♉14	12°25	25°33	11°12	3°41	5°29	21°22	13°36	18°47	5° 9	4° 5	15°48	n.a.	F 23
S 24	9 55 41	0♓55'52	17°57	14° 7	26°46	10°52	3°36	5°25	21°26	13°37	18°46	5° 6	4° 2	15°55	n.a.	S 24
S 25	9 59 37	1°55'09	0♊18	15°49	27°59	10°33	3°30	5°21	21°29	13°39	18°44	5°D 5	3°59	16° 2	n.a.	S 25
M26	10 3 34	2°54'23	12°22	17°33	29°13	10°14	3°25	5°17	21°32	13°41	18°43	5° 5	3°55	16° 8	n.a.	M26
T 27	10 7 30	3°53'35	24°16	19°18	0♈26	9°56	3°19	5°13	21°36	13°43	18°41	5° 6	3°52	16°15	n.a.	T 27
W28	10 11 27	4°52'44	6♋ 3	21° 4	1°39	9°38	3°13	5°10	21°39	13°44	18°40	5°R 7	3°49	16°22	n.a.	W28
T 29	10 15 24	5♓51'51	17♋50	22♒52	2♈52	9♌21	3♎ 7	5♌ 6	21♒42	13♈46	18♌38	5♑ 6	3♑46	16♋28	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	18s28	23n 8	0s15	23s27	0s12	13s25	1s21	19n26	4n32	0s32	1n35	20n14	1n35	15s38	0s43	3n25	1s57	29n41	15n22	23s34	23s37	22n19		n.a.	T 1
F 2	18 13	20 44	1 19	23 30	0 21	12 57	1 19	19 34	4 32	0 31	1 36	20 15	1 35	15 37	0 43	3 26	1 57	29 42	15 22	23 34	23 37	22 18		n.a.	F 2
S 3	17 56	17 27	2 20	23 32	0 30	12 30	1 18	19 41	4 33	0 30	1 36	20 17	1 35	15 36	0 43	3 26	1 57	29 42	15 22	23 34	23 38	22 16		n.a.	S 3
S 4	17 40	13 25	3 15	23 32	0 39	12 1	1 17	19 49	4 33	0 29	1 36	20 18	1 35	15 35	0 43	3 27	1 57	29 43	15 22	23 34	23 38	22 15		n.a.	S 4
M 5	17 23	8 50	4 1	23 32	0 47	11 33	1 16	19 56	4 33	0 28	1 36	20 19	1 35	15 34	0 43	3 28	1 57	29 44	15 22	23 34	23 38	22 13		n.a.	M 5
T 6	17 6	3 52	4 37	23 30	0 55	11 4	1 14	20 4	4 33	0 27	1 37	20 21	1 35	15 33	0 43	3 28	1 57	29 44	15 22	23 35	23 38	22 12		n.a.	T 6
W 7	16 49	1s19	5 1	23 27	1 2	10 35	1 13	20 11	4 33	0 26	1 37	20 22	1 36	15 32	0 43	3 29	1 57	29 45	15 23	23 35	23 38	22 10		n.a.	W 7
T 8	16 31	6 32	5 10	23 23	1 9	10 6	1 11	20 18	4 33	0 24	1 37	20 23	1 36	15 31	0 43	3 29	1 57	29 46	15 23	23 35	23 38	22 8		n.a.	T 8
F 9	16 13	11 33	5 4	23 18	1 16	9 37	1 9	20 25	4 33	0 23	1 37	20 24	1 36	15 29	0 43	3 30	1 56	29 46	15 23	23 35	23 38	22 7		n.a.	F 9
S 10	15 55	16 10	4 43	23 11	1 23	9 7	1 8	20 32	4 33	0 21	1 38	20 26	1 36	15 28	0 43	3 30	1 56	29 47	15 23	23 36	23 38	22 5		n.a.	S 10
S 11	15 37	20 4	4 5	23 2	1 29	8 37	1 6	20 39	4 32	0 20	1 38	20 27	1 36	15 27	0 43	3 31	1 56	29 47	15 23	23 36	23 39	22 4		n.a.	S 11
M12	15 18	22 58	3 13	22 52	1 34	8 7	1 4	20 46	4 32	0 18	1 38	20 28	1 36	15 26	0 43	3 32	1 56	29 48	15 23	23 36	23 39	22 2		n.a.	M12
T 13	14 59	24 33	2 8	22 41	1 40	7 36	1 2	20 52	4 31	0 17	1 38	20 29	1 36	15 25	0 43	3 32	1 56	29 49	15 23	23 36	23 39	22 0		n.a.	T 13
W14	14 40	24 34	0 54	22 28	1 45	7 6	1 0	20 59	4 30	0 15	1 38	20 31	1 36	15 24	0 43	3 33	1 56	29 49	15 23	23 36	23 39	21 59		n.a.	W14
T 15	14 20	22 53	0n25	22 14	1 49	6 35	0 58	21 5	4 30	0 13	1 39	20 32	1 36	15 23	0 43	3 34	1 56	29 50	15 23	23 36	23 39	21 57		n.a.	T 15
F 16	14 1	19 38	1 43	21 58	1 54	6 4	0 56	21 11	4 29	0 12	1 39	20 33	1 36	15 22	0 43	3 34	1 56	29 50	15 23	23 36	23 39	21 56		n.a.	F 16
S 17	13 41	15 3	2 55	21 41	1 57	5 33	0 54	21 17	4 28	0 10	1 39	20 34	1 36	15 21	0 43	3 35	1 56	29 51	15 23	23 36	23 39	21 54		n.a.	S 17
S 18	13 21	9 35	3 54	21 22	2 1	5 2	0 52	21 22	4 26	0 8	1 39	20 35	1 36	15 19	0 43	3 36	1 56	29 51	15 23	23 36	23 39	21 52		n.a.	S 18
M19	13 1	3 38	4 37	21 1	2 4	4 31	0 50	21 27	4 25	0 6	1 39	20 36	1 36	15 18	0 43	3 36	1 56	29 52	15 23	23 36	23 39	21 51		n.a.	M19
T 20	12 40	2n23	5 1	20 39	2 6	3 59	0 48	21 32	4 24	0 4	1 40	20 37	1 36	15 17	0 43	3 37	1 56	29 53	15 23	23 37	23 39	21 49		n.a.	T 20
W21	12 19	8 6	5 7	20 15	2 8	3 28	0 45	21 37	4 22	0 1	1 40	20 38	1 36	15 16	0 43	3 38	1 56	29 53	15 23	23 37	23 40	21 48		n.a.	W21
T 22	11 59	13 14	4 54	19 50	2 10	2 56	0 43	21 42	4 21	0n 1	1 40	20 40	1 36	15 15	0 43	3 38	1 56	29 54	15 23	23 37	23 40	21 46		n.a.	T 22
F 23	11 38	17 35	4 26	19 22	2 11	2 25	0 41	21 46	4 19	0 3	1 40	20 41	1 36	15 14	0 43	3 39	1 56	29 54	15 23	23 38	23 40	21 44		n.a.	F 23
S 24	11 16	20 59	3 46	18 54	2 12	1 53	0 38	21 50	4 17	0 5	1 40	20 42	1 36	15 13	0 43	3 40	1 56	29 55	15 23	23 38	23 40	21 43		n.a.	S 24
S 25	10 55	23 19	2 56	18 23	2 12	1 21	0 36	21 54	4 16	0 8	1 41	20 43	1 36	15 12	0 43	3 41	1 56	29 55	15 23	23 38	23 40	21 41		n.a.	S 25
M26	10 34	24 31	1 59	17 51	2 12	0 49	0 33	21 57	4 14	0 10	1 41	20 44	1 36	15 11	0 43	3 41	1 56	29 56	15 23	23 38	23 40	21 39		n.a.	M26
T 27	10 12	24 34	0 58	17 17	2 11	0 17	0 31	22 0	4 12	0 12	1 41	20 45	1 36	15 10	0 43	3 42	1 56	29 56	15 23	23 38	23 40	21 38		n.a.	T 27
W28	9 50	23 30	0s 5	16 42	2 10	0n14	0 28	22 3	4 10	0 15	1 41	20 46	1 36	15 8	0 43	3 43	1 56	29 56	15 23	23 38	23 40	21 36		n.a.	W28
T 29	9s28	21n24	1s 8	16s 5	2s 8	0n46	0s25	22n 6	4n 8	0n17	1n41	20n46	1n36	15s 7	0s43	3n44	1s55	29n57	15n23	23s38	23s40	21n34		n.a.	T 29

Julian Day Number = 1626123.5, Delta T = 03h44m38s
Ecliptic obliquity = 23°43'37, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'21, Lahiri = - 7°33'21 Julian Calendar 1 Feb. 261 BCE == Greg. Calendar 28 Jan. 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

MARCH 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 19 20	6♓50'55	29♋40	24♒41	4♈ 6	9°R 5	3°R 1	5°R 2	21♒46	13♈48	18°R36	5°R 3	3♑43	16♋35	n.a.	F 1
S 2	10 23 17	7°49'58	11♌38	26°32	5°19	8♌50	2♎55	4♌58	21°49	13°50	18♌35	4♑57	3°40	16°42	n.a.	S 2
S 3	10 27 13	8°48'58	23°45	28°24	6°32	8°35	2°48	4°55	21°52	13°52	18°33	4°49	3°36	16°48	n.a.	S 3
M 4	10 31 10	9°47'55	6♍ 4	0♓17	7°45	8°21	2°42	4°51	21°56	13°54	18°32	4°39	3°33	16°55	n.a.	M 4
T 5	10 35 6	10°46'51	18°36	2°12	8°57	8° 7	2°35	4°48	21°59	13°56	18°31	4°27	3°30	17° 2	n.a.	T 5
W 6	10 39 3	11°45'44	1♎20	4° 8	10°10	7°55	2°29	4°45	22° 2	13°58	18°29	4°15	3°27	17° 8	n.a.	W 6
T 7	10 42 59	12°44'36	14°17	6° 6	11°23	7°43	2°22	4°41	22° 6	14° 0	18°28	4° 4	3°24	17°15	n.a.	T 7
F 8	10 46 56	13°43'25	27°25	8° 5	12°36	7°32	2°15	4°38	22° 9	14° 2	18°26	3°55	3°20	17°21	n.a.	F 8
S 9	10 50 52	14°42'13	10♏46	10° 5	13°48	7°21	2° 8	4°35	22°12	14° 4	18°25	3°48	3°17	17°28	n.a.	S 9
S 10	10 54 49	15°40'59	24°17	12° 6	15° 1	7°12	2° 1	4°32	22°15	14° 6	18°23	3°44	3°14	17°35	n.a.	S 10
M11	10 58 46	16°39'43	8♐ 0	14° 9	16°14	7° 3	1°54	4°29	22°19	14° 8	18°22	3°42	3°11	17°41	n.a.	M11
T 12	11 2 42	17°38'25	21°56	16°13	17°26	6°55	1°47	4°26	22°22	14°10	18°21	3°D42	3° 8	17°48	n.a.	T 12
W13	11 6 39	18°37'06	6♑ 3	18°18	18°39	6°48	1°40	4°24	22°25	14°12	18°19	3°R42	3° 5	17°55	n.a.	W13
T 14	11 10 35	19°35'45	20°22	20°23	19°51	6°42	1°32	4°21	22°28	14°14	18°18	3°41	3° 1	18° 1	n.a.	T 14
F 15	11 14 32	20°34'22	4♒50	22°29	21° 3	6°36	1°25	4°18	22°31	14°16	18°17	3°38	2°58	18° 8	n.a.	F 15
S 16	11 18 28	21°32'57	19°24	24°36	22°16	6°31	1°18	4°16	22°34	14°18	18°15	3°33	2°55	18°15	n.a.	S 16
S 17	11 22 25	22°31'30	3♓58	26°43	23°28	6°27	1°10	4°13	22°37	14°20	18°14	3°24	2°52	18°21	n.a.	S 17
M18	11 26 21	23°30'02	18°24	28°50	24°40	6°24	1° 3	4°11	22°40	14°22	18°13	3°14	2°49	18°28	n.a.	M18
T 19	11 30 18	24°28'31	2♈38	0♈56	25°52	6°22	0°55	4° 9	22°43	14°25	18°12	3° 2	2°46	18°35	n.a.	T 19
W20	11 34 15	25°26'58	16°32	3° 2	27° 4	6°20	0°47	4° 7	22°47	14°27	18°10	2°50	2°42	18°41	n.a.	W20
T 21	11 38 11	26°25'24	0♉ 4	5° 7	28°16	6°19	0°40	4° 5	22°50	14°29	18° 9	2°40	2°39	18°48	n.a.	T 21
F 22	11 42 8	27°23'47	13°11	7°11	29°28	6°D19	0°32	4° 3	22°52	14°31	18° 8	2°31	2°36	18°55	n.a.	F 22
S 23	11 46 4	28°22'08	25°54	9°14	0♉40	6°19	0°25	4° 1	22°55	14°33	18° 7	2°26	2°33	19° 1	n.a.	S 23
S 24	11 50 1	29°20'27	8♊17	11°15	1°52	6°21	0°17	3°59	22°58	14°35	18° 6	2°23	2°30	19° 8	n.a.	S 24
M25	11 53 57	0♈18'44	20°23	13°13	3° 4	6°23	0° 9	3°58	23° 1	14°38	18° 5	2°21	2°26	19°15	n.a.	M25
T 26	11 57 54	1°16'59	2♋18	15° 9	4°15	6°26	0° 2	3°56	23° 4	14°40	18° 4	2°21	2°23	19°21	n.a.	T 26
W27	12 1 50	2°15'11	14° 7	17° 2	5°27	6°29	29♍54	3°55	23° 7	14°42	18° 3	2°21	2°20	19°28	n.a.	W27
T 28	12 5 47	3°13'22	25°55	18°53	6°38	6°34	29°46	3°53	23°10	14°44	18° 2	2°20	2°17	19°34	n.a.	T 28
F 29	12 9 44	4°11'30	7♌49	20°40	7°50	6°39	29°39	3°52	23°13	14°46	18° 0	2°16	2°14	19°41	n.a.	F 29
S 30	12 13 40	5° 9'37	19°51	22°24	9° 1	6°44	29°31	3°51	23°15	14°49	18° 0	2°10	2°11	19°48	n.a.	S 30
S 31	12 17 37	6♈ 7'41	2♍ 6	24♈ 4	10♉12	6♌51	29♍23	3♌50	23♒18	14♈51	17♌59	2♑ 2	2♑ 7	19♋54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s 6	18n23	2s 7	15s26	2s 6	1n18	0s23	22n 8	4n 6	0n20	1n41	20n47	1n36	15s 6	0s43	3n44	1s55	29n57	15n23	23s38	23s40	21n33		n.a.
S 2	8 44	14 35	3 2	14 45	2 4	1 50	0 20	22 10	4 3	0 23	1 41	20 48	1 36	15 5	0 43	3 45	1 55	29 58	15 23	23 38	23 41	21 31		n.a.
S 3	8 22	10 10	3 49	14 3	2 0	2 22	0 17	22 12	4 1	0 25	1 42	20 49	1 36	15 4	0 43	3 46	1 55	29 58	15 23	23 38	23 41	21 29		n.a.
M 4	7 59	5 16	4 26	13 19	1 57	2 53	0 14	22 14	3 59	0 28	1 42	20 50	1 36	15 3	0 43	3 47	1 55	29 59	15 22	23 39	23 41	21 28		n.a.
T 5	7 37	0 6	4 51	12 34	1 52	3 25	0 12	22 15	3 56	0 31	1 42	20 51	1 36	15 2	0 43	3 47	1 55	29 59	15 22	23 39	23 41	21 26		n.a.
W 6	7 14	5s 9	5 2	11 46	1 48	3 57	0 9	22 16	3 54	0 34	1 42	20 52	1 36	15 1	0 43	3 48	1 55	29 59	15 22	23 39	23 41	21 24		n.a.
T 7	6 51	10 15	4 58	10 58	1 42	4 28	0 6	22 17	3 52	0 36	1 42	20 52	1 36	15 0	0 43	3 49	1 55	30 0	15 22	23 40	23 41	21 22		n.a.
F 8	6 29	14 59	4 38	10 7	1 36	4 59	0 3	22 18	3 49	0 39	1 42	20 53	1 36	14 59	0 43	3 50	1 55	30 0	15 22	23 40	23 41	21 21		n.a.
S 9	6 6	19 4	4 2	9 16	1 30	5 31	0 0	22 18	3 47	0 42	1 42	20 54	1 36	14 58	0 43	3 51	1 55	30 0	15 22	23 40	23 41	21 19		n.a.
S 10	5 43	22 11	3 13	8 22	1 23	6 2	0n 3	22 18	3 44	0 45	1 42	20 55	1 36	14 57	0 43	3 52	1 55	30 1	15 22	23 40	23 41	21 17		n.a.
M11	5 20	24 5	2 12	7 28	1 15	6 33	0 6	22 18	3 42	0 48	1 42	20 55	1 36	14 56	0 44	3 52	1 55	30 1	15 21	23 40	23 41	21 16		n.a.
T 12	4 56	24 31	1 2	6 32	1 7	7 4	0 9	22 18	3 39	0 51	1 42	20 56	1 36	14 55	0 44	3 53	1 55	30 1	15 21	23 40	23 41	21 14		n.a.
W13	4 33	23 23	0n12	5 35	0 59	7 34	0 12	22 17	3 37	0 54	1 43	20 56	1 36	14 54	0 44	3 54	1 55	30 2	15 21	23 40	23 41	21 12		n.a.
T 14	4 10	20 43	1 27	4 37	0 50	8 5	0 15	22 16	3 34	0 57	1 43	20 57	1 36	14 53	0 44	3 55	1 55	30 2	15 21	23 41	23 42	21 10		n.a.
F 15	3 47	16 45	2 37	3 38	0 40	8 35	0 18	22 15	3 31	1 0	1 43	20 58	1 36	14 51	0 44	3 56	1 55	30 2	15 21	23 41	23 42	21 9		n.a.
S 16	3 23	11 45	3 37	2 38	0 30	9 5	0 21	22 14	3 29	1 3	1 43	20 58	1 36	14 50	0 44	3 57	1 55	30 2	15 21	23 41	23 42	21 7		n.a.
S 17	3 0	6 6	4 23	1 38	0 20	9 35	0 24	22 12	3 26	1 6	1 43	20 59	1 36	14 49	0 44	3 57	1 55	30 3	15 20	23 41	23 42	21 5		n.a.
M18	2 37	0 11	4 51	0 37	0 10	10 5	0 27	22 11	3 24	1 9	1 43	20 59	1 36	14 48	0 44	3 58	1 55	30 3	15 20	23 41	23 42	21 3		n.a.
T 19	2 13	5n39	5 1	0n24	0n 1	10 35	0 30	22 9	3 21	1 12	1 43	21 0	1 35	14 47	0 44	3 59	1 55	30 3	15 20	23 42	23 42	21 2		n.a.
W20	1 50	11 4	4 52	1 24	0 12	11 4	0 33	22 7	3 18	1 15	1 43	21 0	1 35	14 47	0 44	4 0	1 55	30 3	15 20	23 42	23 42	21 0		n.a.
T 21	1 26	15 48	4 28	2 25	0 23	11 33	0 36	22 4	3 16	1 18	1 43	21 1	1 35	14 46	0 44	4 1	1 55	30 3	15 19	23 42	23 42	20 58		n.a.
F 22	1 3	19 37	3 49	3 25	0 34	12 2	0 39	22 2	3 13	1 21	1 43	21 1	1 35	14 45	0 44	4 2	1 55	30 3	15 19	23 42	23 42	20 56		n.a.
S 23	0 39	22 23	3 0	4 24	0 45	12 30	0 42	21 59	3 11	1 24	1 43	21 1	1 35	14 44	0 44	4 3	1 55	30 4	15 19	23 42	23 42	20 55		n.a.
S 24	0 16	23 59	2 4	5 22	0 56	12 58	0 45	21 56	3 8	1 27	1 43	21 2	1 35	14 43	0 44	4 3	1 55	30 4	15 19	23 42	23 42	20 53		n.a.
M25	0n 8	24 25	1 3	6 19	1 7	13 26	0 48	21 53	3 5	1 30	1 43	21 2	1 35	14 42	0 44	4 4	1 55	30 4	15 18	23 42	23 42	20 51		n.a.
T 26	0 31	23 43	0 0	7 14	1 18	13 54	0 51	21 50	3 3	1 33	1 43	21 2	1 35	14 41	0 44	4 5	1 55	30 4	15 18	23 42	23 42	20 49		n.a.
W27	0 54	21 57	1s 2	8 7	1 28	14 21	0 54	21 47	3 0	1 36	1 43	21 3	1 35	14 40	0 44	4 6	1 55	30 4	15 18	23 42	23 42	20 48		n.a.
T 28	1 18	19 14	2 1	8 59	1 38	14 48	0 57	21 43	2 58	1 39	1 43	21 3	1 35	14 39	0 44	4 7	1 55	30 4	15 18	23 42	23 42	20 46		n.a.
F 29	1 41	15 42	2 56	9 49	1 47	15 14	1 0	21 40	2 55	1 43	1 43	21 3	1 35	14 38	0 44	4 8	1 55	30 4	15 17	23 42	23 42	20 44		n.a.
S 30	2 4	11 30	3 43	10 36	1 56	15 40	1 3	21 36	2 53	1 46	1 43	21 3	1 35	14 37	0 44	4 9	1 55	30 4	15 17	23 43	23 43	20 42		n.a.
S 31	2n28	6n47	4s21	11n22	2n 4	16n 6	1n 6	21n32	2n50	1n49	1n42	21n 4	1n35	14s36	0s44	4n10	1s55	30n 4	15n17	23s43	23s43	20n40		n.a.

Julian Day Number = 1626152.5, Delta T = 03h44m37s
Ecliptic obliquity = 23°43'38, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'17, Lahiri = - 7°33'17 Julian Calendar 1 March 261 BCE == Greg. Calendar 26 Feb. 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

APRIL 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 21 33	7♈ 5'43	14♍37	25♈41	11♉24	6♌58	29°R16	3°R49	23♒21	14♈53	17°R58	1°R51	2♑ 4	20♋ 1	n.a.	M 1
T 2	12 25 30	8° 3'44	27°24	27°14	12°35	7° 5	29♍ 8	3♌48	23°23	14°55	17♌57	1♑39	2° 1	20° 8	n.a.	T 2
W 3	12 29 26	9° 1'42	10♎28	28°42	13°46	7°13	29° 1	3°48	23°26	14°58	17°56	1°26	1°58	20°14	n.a.	W 3
T 4	12 33 23	9°59'39	23°47	0♉ 7	14°57	7°22	28°53	3°47	23°29	15° 0	17°55	1°14	1°55	20°21	n.a.	T 4
F 5	12 37 19	10°57'35	7♏18	1°28	16° 7	7°32	28°46	3°46	23°31	15° 2	17°54	1° 4	1°52	20°28	n.a.	F 5
S 6	12 41 16	11°55'29	21° 1	2°45	17°18	7°42	28°39	3°46	23°34	15° 4	17°53	0°56	1°48	20°34	n.a.	S 6
S 7	12 45 12	12°53'21	4♐51	3°57	18°29	7°53	28°31	3°46	23°36	15° 7	17°53	0°52	1°45	20°41	n.a.	S 7
M 8	12 49 9	13°51'12	18°48	5° 5	19°40	8° 4	28°24	3°46	23°39	15° 9	17°52	0°50	1°42	20°48	n.a.	M 8
T 9	12 53 6	14°49'02	2♑50	6° 9	20°50	8°16	28°17	3°D46	23°41	15°11	17°51	0°D49	1°39	20°54	n.a.	T 9
W10	12 57 2	15°46'51	16°56	7° 8	22° 1	8°28	28°10	3°46	23°44	15°13	17°50	0°R50	1°36	21° 1	n.a.	W10
T 11	13 0 59	16°44'38	1♒ 5	8° 3	23°11	8°41	28° 3	3°46	23°46	15°16	17°50	0°49	1°32	21° 8	n.a.	T 11
F 12	13 4 55	17°42'24	15°16	8°53	24°21	8°54	27°56	3°46	23°48	15°18	17°49	0°46	1°29	21°14	n.a.	F 12
S 13	13 8 52	18°40'09	29°27	9°39	25°31	9° 8	27°49	3°46	23°51	15°20	17°48	0°41	1°26	21°21	n.a.	S 13
S 14	13 12 48	19°37'52	13♓34	10°20	26°42	9°23	27°43	3°47	23°53	15°22	17°48	0°34	1°23	21°28	n.a.	S 14
M15	13 16 45	20°35'34	27°35	10°56	27°52	9°38	27°36	3°47	23°55	15°25	17°47	0°24	1°20	21°34	n.a.	M15
T 16	13 20 41	21°33'15	11♈25	11°27	29° 2	9°54	27°30	3°48	23°57	15°27	17°47	0°13	1°17	21°41	n.a.	T 16
W17	13 24 38	22°30'55	24°59	11°54	0♊11	10°10	27°23	3°49	24° 0	15°29	17°46	0° 2	1°13	21°48	n.a.	W17
T 18	13 28 35	23°28'33	8♉16	12°15	1°21	10°26	27°17	3°49	24° 2	15°31	17°46	29♐53	1°10	21°54	n.a.	T 18
F 19	13 32 31	24°26'10	21°13	12°32	2°31	10°43	27°11	3°50	24° 4	15°34	17°45	29°45	1° 7	22° 1	n.a.	F 19
S 20	13 36 28	25°23'45	3♊50	12°44	3°40	11° 1	27° 5	3°51	24° 6	15°36	17°45	29°39	1° 4	22° 7	n.a.	S 20
S 21	13 40 24	26°21'19	16°10	12°52	4°50	11°19	26°59	3°53	24° 8	15°38	17°45	29°36	1° 1	22°14	n.a.	S 21
M22	13 44 21	27°18'51	28°15	12°R54	5°59	11°37	26°53	3°54	24°10	15°40	17°44	29°D35	0°57	22°21	n.a.	M22
T 23	13 48 17	28°16'22	10♋10	12°52	7° 8	11°56	26°47	3°55	24°12	15°42	17°44	29°36	0°54	22°27	n.a.	T 23
W24	13 52 14	29°13'52	22° 0	12°45	8°18	12°15	26°42	3°57	24°14	15°45	17°44	29°36	0°51	22°34	n.a.	W24
T 25	13 56 10	0♉11'20	3♌50	12°34	9°27	12°35	26°36	3°58	24°16	15°47	17°43	29°R37	0°48	22°41	n.a.	T 25
F 26	14 0 7	1° 8'47	15°44	12°19	10°35	12°55	26°31	4° 0	24°17	15°49	17°43	29°35	0°45	22°47	n.a.	F 26
S 27	14 4 4	2° 6'12	27°49	12° 0	11°44	13°15	26°26	4° 2	24°19	15°51	17°43	29°32	0°42	22°54	n.a.	S 27
S 28	14 8 0	3° 3'36	10♍ 9	11°37	12°53	13°36	26°21	4° 4	24°21	15°53	17°43	29°27	0°38	23° 1	n.a.	S 28
M29	14 11 57	4° 0'58	22°47	11°12	14° 1	13°57	26°16	4° 5	24°22	15°56	17°43	29°20	0°35	23° 7	n.a.	M29
T 30	14 15 53	4♉58'19	5♎45	10♉43	15♊10	14♌19	26♍12	4♌ 8	24♒24	15♈58	17♌43	29♐11	0♑32	23♋14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n51	1n43	4s47	12n 5	2n12	16n32	1n 9	21n27	2n48	1n51	1n42	21n 4	1n35	14s35	0s44	4n10	1s55	30n 4	15n16	23s43	23s43	20n39		n.a.
T 2	3 14	3s32	5 0	12 45	2 18	16 57	1 12	21 23	2 45	1 54	1 42	21 4	1 35	14 35	0 44	4 11	1 55	30 4	15 16	23 43	23 43	20 37		n.a.
W 3	3 37	8 44	4 57	13 23	2 24	17 21	1 15	21 19	2 43	1 57	1 42	21 4	1 34	14 34	0 44	4 12	1 55	30 4	15 16	23 43	23 43	20 35		n.a.
T 4	4 0	13 38	4 38	13 59	2 30	17 45	1 18	21 14	2 40	2 0	1 42	21 4	1 34	14 33	0 44	4 13	1 55	30 4	15 15	23 43	23 43	20 33		n.a.
F 5	4 23	17 56	4 3	14 32	2 34	18 9	1 21	21 9	2 38	2 3	1 42	21 4	1 34	14 32	0 44	4 14	1 55	30 4	15 15	23 43	23 43	20 31		n.a.
S 6	4 46	21 20	3 14	15 2	2 38	18 32	1 24	21 4	2 36	2 6	1 42	21 4	1 34	14 31	0 44	4 15	1 55	30 4	15 15	23 43	23 43	20 29		n.a.
S 7	5 9	23 32	2 13	15 30	2 41	18 55	1 26	20 59	2 33	2 9	1 42	21 4	1 34	14 30	0 44	4 16	1 55	30 4	15 14	23 43	23 43	20 28		n.a.
M 8	5 32	24 18	1 3	15 55	2 43	19 17	1 29	20 54	2 31	2 12	1 42	21 4	1 34	14 30	0 44	4 17	1 55	30 4	15 14	23 43	23 43	20 26		n.a.
T 9	5 54	23 31	0n11	16 18	2 44	19 39	1 32	20 48	2 29	2 14	1 42	21 4	1 34	14 29	0 44	4 17	1 55	30 4	15 14	23 43	23 43	20 24		n.a.
W10	6 17	21 15	1 24	16 38	2 44	20 0	1 34	20 43	2 26	2 17	1 41	21 4	1 34	14 28	0 44	4 18	1 55	30 4	15 13	23 43	23 43	20 22		n.a.
T 11	6 39	17 40	2 33	16 55	2 43	20 21	1 37	20 37	2 24	2 20	1 41	21 4	1 34	14 27	0 44	4 19	1 55	30 4	15 13	23 43	23 43	20 20		n.a.
F 12	7 2	13 4	3 33	17 10	2 41	20 42	1 40	20 31	2 22	2 22	1 41	21 4	1 34	14 26	0 44	4 20	1 55	30 4	15 13	23 43	23 43	20 18		n.a.
S 13	7 24	7 46	4 19	17 22	2 38	21 1	1 42	20 25	2 19	2 25	1 41	21 3	1 34	14 26	0 44	4 21	1 55	30 4	15 12	23 44	23 43	20 17		n.a.
S 14	7 46	2 5	4 49	17 31	2 34	21 21	1 44	20 19	2 17	2 28	1 41	21 3	1 34	14 25	0 44	4 22	1 55	30 3	15 12	23 44	23 43	20 15		n.a.
M15	8 8	3n38	5 2	17 38	2 29	21 39	1 47	20 13	2 15	2 30	1 41	21 3	1 33	14 24	0 44	4 23	1 55	30 3	15 12	23 44	23 43	20 13		n.a.
T 16	8 30	9 6	4 57	17 42	2 23	21 57	1 49	20 7	2 13	2 33	1 41	21 3	1 33	14 24	0 44	4 24	1 55	30 3	15 11	23 44	23 43	20 11		n.a.
W17	8 52	14 2	4 35	17 44	2 16	22 15	1 52	20 0	2 11	2 35	1 40	21 3	1 33	14 23	0 44	4 24	1 55	30 3	15 11	23 44	23 43	20 9		n.a.
T 18	9 13	18 10	3 58	17 43	2 8	22 32	1 54	19 54	2 8	2 37	1 40	21 2	1 33	14 22	0 44	4 25	1 55	30 3	15 10	23 44	23 43	20 7		n.a.
F 19	9 35	21 19	3 10	17 40	1 58	22 48	1 56	19 47	2 6	2 40	1 40	21 2	1 33	14 21	0 44	4 26	1 55	30 2	15 10	23 44	23 43	20 5		n.a.
S 20	9 56	23 21	2 13	17 34	1 48	23 4	1 58	19 40	2 4	2 42	1 40	21 2	1 33	14 21	0 45	4 27	1 55	30 2	15 10	23 44	23 43	20 3		n.a.
S 21	10 17	24 11	1 11	17 25	1 37	23 19	2 0	19 33	2 2	2 44	1 40	21 1	1 33	14 20	0 45	4 28	1 55	30 2	15 9	23 44	23 43	20 2		n.a.
M22	10 38	23 50	0 7	17 15	1 25	23 34	2 2	19 26	2 0	2 46	1 39	21 1	1 33	14 20	0 45	4 29	1 55	30 2	15 9	23 44	23 43	20 0		n.a.
T 23	10 59	22 24	0s56	17 1	1 12	23 48	2 4	19 18	1 58	2 48	1 39	21 0	1 33	14 19	0 45	4 30	1 55	30 1	15 9	23 44	23 43	19 58		n.a.
W24	11 20	19 59	1 57	16 46	0 58	24 1	2 6	19 11	1 56	2 50	1 39	21 0	1 33	14 18	0 45	4 30	1 55	30 1	15 8	23 44	23 43	19 56		n.a.
T 25	11 40	16 44	2 53	16 29	0 43	24 14	2 8	19 3	1 54	2 52	1 39	21 0	1 33	14 18	0 45	4 31	1 55	30 1	15 8	23 44	23 43	19 54		n.a.
F 26	12 1	12 47	3 41	16 9	0 28	24 26	2 9	18 56	1 52	2 54	1 39	20 59	1 33	14 17	0 45	4 32	1 55	30 1	15 7	23 44	23 43	19 52		n.a.
S 27	12 21	8 18	4 21	15 48	0 12	24 38	2 11	18 48	1 50	2 56	1 38	20 59	1 32	14 17	0 45	4 33	1 55	30 0	15 7	23 44	23 44	19 50		n.a.
S 28	12 41	3 24	4 49	15 25	0s 5	24 48	2 12	18 40	1 48	2 58	1 38	20 58	1 32	14 16	0 45	4 34	1 55	30 0	15 7	23 44	23 44	19 48		n.a.
M29	13 1	1s45	5 4	15 1	0 22	24 58	2 14	18 32	1 46	3 0	1 38	20 57	1 32	14 16	0 45	4 35	1 55	30 0	15 6	23 44	23 44	19 46		n.a.
T 30	13n20	6s57	5s 4	14n36	0s39	25n 8	2n15	18n24	1n44	3n 1	1n38	20n57	1n32	14s15	0s45	4n35	1s55	29n59	15n 6	23s43	23s44	19n44		n.a.

Julian Day Number = 1626183.5, Delta T = 03h44m36s
Ecliptic obliquity = 23°43'38, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'13, Lahiri = - 7°33'13 Julian Calendar 1 Apr. 261 BCE == Greg. Calendar 28 March 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

MAY 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 19 50	5♉55'39	19♎ 4	10°R13	16♊18	14♌41	26°R 7	4♌10	24♒26	16♈ 0	17°R43	29°R 2	0♑29	23♋21	n.a.	W 1
T 2	14 23 46	6°52'59	2♏42	9♉41	17°26	15° 3	26♍ 3	4°12	24°27	16° 2	17♌43	28♐54	0°26	23°27	n.a.	T 2
F 3	14 27 43	7°50'17	16°37	9° 8	18°34	15°26	25°59	4°14	24°29	16° 4	17°D43	28°47	0°23	23°34	n.a.	F 3
S 4	14 31 39	8°47'34	0♐44	8°34	19°42	15°49	25°55	4°17	24°30	16° 6	17°43	28°42	0°19	23°41	n.a.	S 4
S 5	14 35 36	9°44'51	15° 0	8° 1	20°50	16°13	25°51	4°19	24°32	16° 8	17°43	28°39	0°16	23°47	n.a.	S 5
M 6	14 39 33	10°42'07	29°19	7°28	21°57	16°36	25°47	4°22	24°33	16°11	17°43	28°D38	0°13	23°54	n.a.	M 6
T 7	14 43 29	11°39'22	13♑38	6°56	23° 5	17° 0	25°43	4°25	24°34	16°13	17°43	28°39	0°10	24° 1	n.a.	T 7
W 8	14 47 26	12°36'37	27°54	6°26	24°12	17°25	25°40	4°27	24°36	16°15	17°43	28°40	0° 7	24° 7	n.a.	W 8
T 9	14 51 22	13°33'52	12♒ 5	5°58	25°19	17°49	25°37	4°30	24°37	16°17	17°43	28°R41	0° 3	24°14	n.a.	T 9
F 10	14 55 19	14°31'06	26° 9	5°33	26°26	18°14	25°34	4°33	24°38	16°19	17°43	28°40	0° 0	24°21	n.a.	F 10
S 11	14 59 15	15°28'19	10♓ 6	5°12	27°33	18°40	25°31	4°37	24°39	16°21	17°44	28°38	29♐57	24°27	n.a.	S 11
S 12	15 3 12	16°25'32	23°53	4°53	28°40	19° 5	25°28	4°40	24°40	16°23	17°44	28°34	29°54	24°34	n.a.	S 12
M13	15 7 8	17°22'45	7♈29	4°39	29°47	19°31	25°26	4°43	24°41	16°25	17°44	28°28	29°51	24°41	n.a.	M13
T 14	15 11 5	18°19'57	20°53	4°28	0♋53	19°57	25°23	4°46	24°42	16°27	17°45	28°21	29°48	24°47	n.a.	T 14
W15	15 15 2	19°17'09	4♉ 3	4°22	1°59	20°24	25°21	4°50	24°43	16°29	17°45	28°15	29°44	24°54	n.a.	W15
T 16	15 18 58	20°14'20	16°58	4°D20	3° 5	20°51	25°19	4°53	24°44	16°31	17°45	28° 9	29°41	25° 1	n.a.	T 16
F 17	15 22 55	21°11'31	29°38	4°22	4°11	21°18	25°17	4°57	24°45	16°33	17°46	28° 5	29°38	25° 7	n.a.	F 17
S 18	15 26 51	22° 8'42	12♊ 4	4°30	5°17	21°45	25°16	5° 1	24°46	16°35	17°46	28° 2	29°35	25°14	n.a.	S 18
S 19	15 30 48	23° 5'52	24°16	4°41	6°23	22°13	25°14	5° 5	24°47	16°36	17°47	28°D 0	29°32	25°21	n.a.	S 19
M20	15 34 44	24° 3'02	6♋17	4°58	7°28	22°40	25°13	5° 8	24°47	16°38	17°47	28° 1	29°29	25°27	n.a.	M20
T 21	15 38 41	25° 0'11	18°10	5°19	8°33	23° 9	25°12	5°12	24°48	16°40	17°48	28° 2	29°25	25°34	n.a.	T 21
W22	15 42 37	25°57'19	29°59	5°44	9°38	23°37	25°11	5°16	24°49	16°42	17°49	28° 4	29°22	25°41	n.a.	W22
T 23	15 46 34	26°54'27	11♌49	6°15	10°43	24° 6	25°10	5°21	24°49	16°44	17°49	28° 5	29°19	25°47	n.a.	T 23
F 24	15 50 31	27°51'34	23°44	6°49	11°47	24°34	25°10	5°25	24°50	16°46	17°50	28°R 6	29°16	25°54	n.a.	F 24
S 25	15 54 27	28°48'41	5♍49	7°29	12°52	25° 3	25° 9	5°29	24°50	16°48	17°51	28° 6	29°13	26° 1	n.a.	S 25
S 26	15 58 24	29°45'47	18° 9	8°12	13°56	25°33	25° 9	5°33	24°51	16°49	17°51	28° 5	29° 9	26° 7	n.a.	S 26
M27	16 2 20	0♊42'53	0♎48	9° 0	15° 0	26° 2	25°D 9	5°38	24°51	16°51	17°52	28° 2	29° 6	26°14	n.a.	M27
T 28	16 6 17	1°39'58	13°49	9°52	16° 3	26°32	25° 9	5°42	24°51	16°53	17°53	27°59	29° 3	26°21	n.a.	T 28
W29	16 10 13	2°37'04	27°14	10°49	17° 6	27° 2	25° 9	5°47	24°52	16°54	17°54	27°55	29° 0	26°27	n.a.	W29
T 30	16 14 10	3°34'09	11♏ 4	11°49	18°10	27°32	25°10	5°52	24°52	16°56	17°54	27°52	28°57	26°34	n.a.	T 30
F 31	16 18 7	4♊31'14	25♏14	12♉54	19♋12	28♌ 3	25♍11	5♌56	24♒52	16♈58	17♌55	27♐49	28♐54	26♋40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n39	11s58	4s48	14n10	0s56	25n17	2n17	18n15	1n42	3n 3	1n37	20n56	1n32	14s14	0s45	4n36	1s55	29n59	15n 5	23s43	23s44	19n42		n.a.
T 2	13 58	16 32	4 15	13 44	1 13	25 25	2 18	18 7	1 41	3 4	1 37	20 56	1 32	14 14	0 45	4 37	1 55	29 59	15 5	23 43	23 44	19 40		n.a.
F 3	14 17	20 18	3 26	13 17	1 30	25 32	2 19	17 58	1 39	3 6	1 37	20 55	1 32	14 14	0 45	4 38	1 55	29 58	15 4	23 43	23 44	19 39		n.a.
S 4	14 36	22 54	2 25	12 51	1 47	25 39	2 20	17 49	1 37	3 7	1 37	20 54	1 32	14 13	0 45	4 39	1 55	29 58	15 4	23 43	23 44	19 37		n.a.
S 5	14 55	24 5	1 13	12 25	2 2	25 45	2 21	17 41	1 35	3 8	1 36	20 54	1 32	14 13	0 45	4 39	1 55	29 57	15 4	23 43	23 44	19 35		n.a.
M 6	15 13	23 40	0n 4	12 0	2 18	25 50	2 22	17 32	1 33	3 10	1 36	20 53	1 32	14 12	0 45	4 40	1 55	29 57	15 3	23 43	23 44	19 33		n.a.
T 7	15 31	21 41	1 20	11 36	2 32	25 55	2 22	17 23	1 31	3 11	1 36	20 52	1 32	14 12	0 45	4 41	1 55	29 56	15 3	23 43	23 44	19 31		n.a.
W 8	15 48	18 21	2 32	11 13	2 46	25 59	2 23	17 13	1 30	3 12	1 36	20 51	1 31	14 11	0 45	4 42	1 55	29 56	15 2	23 43	23 44	19 29		n.a.
T 9	16 6	13 58	3 33	10 52	2 58	26 2	2 24	17 4	1 28	3 13	1 35	20 51	1 31	14 11	0 45	4 43	1 55	29 56	15 2	23 43	23 44	19 27		n.a.
F 10	16 23	8 51	4 21	10 33	3 10	26 5	2 24	16 55	1 26	3 14	1 35	20 50	1 31	14 11	0 45	4 43	1 55	29 55	15 2	23 43	23 44	19 25		n.a.
S 11	16 40	3 21	4 54	10 16	3 20	26 7	2 24	16 45	1 25	3 15	1 35	20 49	1 31	14 10	0 45	4 44	1 55	29 55	15 1	23 43	23 44	19 23		n.a.
S 12	16 57	2n15	5 8	10 1	3 29	26 8	2 25	16 35	1 23	3 16	1 34	20 48	1 31	14 10	0 45	4 45	1 55	29 54	15 1	23 43	23 44	19 21		n.a.
M13	17 13	7 40	5 6	9 49	3 37	26 8	2 25	16 25	1 21	3 17	1 34	20 47	1 31	14 10	0 45	4 46	1 55	29 54	15 0	23 43	23 44	19 19		n.a.
T 14	17 30	12 39	4 46	9 39	3 44	26 8	2 25	16 16	1 19	3 17	1 34	20 46	1 31	14 9	0 45	4 46	1 55	29 53	15 0	23 43	23 44	19 17		n.a.
W15	17 45	16 57	4 12	9 32	3 49	26 7	2 25	16 5	1 18	3 18	1 34	20 45	1 31	14 9	0 45	4 47	1 55	29 53	15 0	23 43	23 44	19 15		n.a.
T 16	18 1	20 22	3 25	9 28	3 53	26 6	2 24	15 55	1 16	3 18	1 33	20 44	1 31	14 9	0 45	4 48	1 55	29 52	14 59	23 43	23 44	19 13		n.a.
F 17	18 16	22 44	2 28	9 26	3 56	26 4	2 24	15 45	1 15	3 19	1 33	20 43	1 31	14 9	0 46	4 48	1 55	29 52	14 59	23 43	23 44	19 11		n.a.
S 18	18 31	23 56	1 26	9 26	3 58	26 1	2 24	15 34	1 13	3 19	1 33	20 42	1 31	14 8	0 46	4 49	1 55	29 51	14 58	23 43	23 44	19 9		n.a.
S 19	18 46	23 56	0 20	9 30	3 58	25 57	2 23	15 24	1 11	3 20	1 32	20 41	1 31	14 8	0 46	4 50	1 55	29 51	14 58	23 43	23 44	19 7		n.a.
M20	19 1	22 49	0s45	9 36	3 58	25 53	2 22	15 13	1 10	3 20	1 32	20 40	1 31	14 8	0 46	4 51	1 55	29 50	14 57	23 43	23 44	19 5		n.a.
T 21	19 15	20 41	1 48	9 44	3 56	25 48	2 22	15 2	1 8	3 20	1 32	20 39	1 30	14 8	0 46	4 51	1 55	29 49	14 57	23 43	23 44	19 3		n.a.
W22	19 29	17 41	2 46	9 55	3 54	25 43	2 21	14 51	1 7	3 20	1 32	20 38	1 30	14 7	0 46	4 52	1 56	29 49	14 57	23 43	23 44	19 1		n.a.
T 23	19 42	13 58	3 37	10 8	3 50	25 36	2 20	14 40	1 5	3 20	1 31	20 37	1 30	14 7	0 46	4 53	1 56	29 48	14 56	23 43	23 43	18 59		n.a.
F 24	19 55	9 42	4 19	10 24	3 46	25 30	2 18	14 29	1 4	3 20	1 31	20 36	1 30	14 7	0 46	4 53	1 56	29 48	14 56	23 43	23 43	18 57		n.a.
S 25	20 8	4 59	4 51	10 42	3 41	25 22	2 17	14 18	1 2	3 20	1 31	20 35	1 30	14 7	0 46	4 54	1 56	29 47	14 55	23 43	23 43	18 55		n.a.
S 26	20 21	0 0	5 9	11 2	3 35	25 14	2 16	14 6	1 1	3 20	1 30	20 34	1 30	14 7	0 46	4 55	1 56	29 46	14 55	23 43	23 43	18 53		n.a.
M27	20 33	5s 6	5 14	11 23	3 28	25 5	2 14	13 55	0 59	3 20	1 30	20 33	1 30	14 7	0 46	4 55	1 56	29 46	14 55	23 43	23 43	18 51		n.a.
T 28	20 45	10 8	5 2	11 47	3 20	24 56	2 12	13 43	0 58	3 19	1 30	20 31	1 30	14 7	0 46	4 56	1 56	29 45	14 54	23 43	23 43	18 49		n.a.
W29	20 56	14 52	4 34	12 13	3 12	24 46	2 10	13 32	0 56	3 19	1 30	20 30	1 30	14 7	0 46	4 56	1 56	29 44	14 54	23 43	23 43	18 47		n.a.
T 30	21 7	18 57	3 49	12 40	3 3	24 36	2 8	13 20	0 55	3 18	1 29	20 29	1 30	14 7	0 46	4 57	1 56	29 44	14 53	23 43	23 43	18 45		n.a.
F 31	21n18	22s 3	2s50	13n 8	2s54	24n25	2n 6	13n 8	0n53	3n18	1n29	20n28	1n30	14s 7	0s46	4n58	1s56	29n43	14n53	23s42	23s43	18n43		n.a.

Julian Day Number = 1626213.5, Delta T = 03h44m35s
Ecliptic obliquity = 23°43'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'09, Lahiri = - 7°33'09 Julian Calendar 1 May 261 BCE == Greg. Calendar 27 Apr. 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

JUNE 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 22 3	5♊28'18	9♐43	14♉ 3	20♋15	28♌33	25♍12	6♌ 1	24♒52	16♈59	17♌56	27°R47	28♐50	26♋47	n.a.	S 1
S 2	16 26 0	6°25'23	24°22	15°15	21°17	29° 4	25°13	6° 6	24°52	17° 1	17°57	27°D46	28°47	26°54	n.a.	S 2
M 3	16 29 56	7°22'29	9♑ 7	16°32	22°19	29°35	25°14	6°11	24°R52	17° 3	17°58	27♐46	28°44	27° 0	n.a.	M 3
T 4	16 33 53	8°19'34	23°49	17°52	23°21	0♍ 7	25°15	6°16	24°52	17° 4	17°59	27°47	28°41	27° 7	n.a.	T 4
W 5	16 37 49	9°16'40	8♒24	19°17	24°23	0°38	25°17	6°21	24°52	17° 6	18° 0	27°48	28°38	27°14	n.a.	W 5
T 6	16 41 46	10°13'46	22°48	20°45	25°24	1°10	25°19	6°26	24°52	17° 7	18° 1	27°50	28°35	27°20	n.a.	T 6
F 7	16 45 42	11°10'53	6♓56	22°17	26°25	1°41	25°21	6°32	24°52	17° 9	18° 2	27°R50	28°31	27°27	n.a.	F 7
S 8	16 49 39	12° 8'00	20°48	23°52	27°25	2°13	25°23	6°37	24°52	17°10	18° 3	27°50	28°28	27°34	n.a.	S 8
S 9	16 53 36	13° 5'07	4♈23	25°31	28°25	2°46	25°25	6°42	24°52	17°12	18° 4	27°49	28°25	27°40	n.a.	S 9
M10	16 57 32	14° 2'16	17°42	27°13	29°25	3°18	25°27	6°48	24°51	17°13	18° 6	27°48	28°22	27°47	n.a.	M10
T 11	17 1 29	14°59'25	0♉45	28°59	0♌25	3°51	25°30	6°53	24°51	17°15	18° 7	27°46	28°19	27°54	n.a.	T 11
W12	17 5 25	15°56'34	13°33	0♊48	1°24	4°23	25°33	6°59	24°51	17°16	18° 8	27°44	28°15	28° 0	n.a.	W12
T 13	17 9 22	16°53'44	26° 8	2°40	2°23	4°56	25°36	7° 5	24°50	17°17	18° 9	27°43	28°12	28° 7	n.a.	T 13
F 14	17 13 18	17°50'55	8♊31	4°35	3°21	5°30	25°39	7°10	24°50	17°19	18°10	27°42	28° 9	28°14	n.a.	F 14
S 15	17 17 15	18°48'06	20°42	6°32	4°19	6° 3	25°42	7°16	24°49	17°20	18°12	27°42	28° 6	28°20	n.a.	S 15
S 16	17 21 11	19°45'18	2♋45	8°31	5°17	6°36	25°46	7°22	24°49	17°21	18°13	27°D42	28° 3	28°27	n.a.	S 16
M17	17 25 8	20°42'30	14°40	10°33	6°14	7°10	25°50	7°28	24°48	17°22	18°14	27°42	28° 0	28°34	n.a.	M17
T 18	17 29 5	21°39'43	26°30	12°36	7°10	7°44	25°53	7°34	24°47	17°24	18°16	27°42	27°56	28°40	n.a.	T 18
W19	17 33 1	22°36'56	8♌18	14°41	8° 7	8°18	25°57	7°40	24°47	17°25	18°17	27°43	27°53	28°47	n.a.	W19
T 20	17 36 58	23°34'10	20° 8	16°47	9° 3	8°52	26° 1	7°46	24°46	17°26	18°18	27°43	27°50	28°54	n.a.	T 20
F 21	17 40 54	24°31'23	2♍ 2	18°54	9°58	9°26	26° 6	7°52	24°45	17°27	18°20	27°44	27°47	29° 0	n.a.	F 21
S 22	17 44 51	25°28'38	14° 7	21° 1	10°53	10° 1	26°10	7°58	24°44	17°28	18°21	27°44	27°44	29° 7	n.a.	S 22
S 23	17 48 47	26°25'53	26°25	23° 8	11°47	10°35	26°15	8° 4	24°43	17°29	18°23	27°R44	27°40	29°14	n.a.	S 23
M24	17 52 44	27°23'08	9♎ 1	25°15	12°41	11°10	26°20	8°10	24°42	17°30	18°24	27°D44	27°37	29°20	n.a.	M24
T 25	17 56 40	28°20'24	21°59	27°22	13°34	11°45	26°25	8°17	24°41	17°31	18°26	27°44	27°34	29°27	n.a.	T 25
W26	18 0 37	29°17'40	5♏22	29°28	14°26	12°20	26°30	8°23	24°40	17°32	18°27	27°44	27°31	29°34	n.a.	W26
T 27	18 4 34	0♋14'58	19°12	1♋34	15°18	12°56	26°35	8°29	24°39	17°33	18°29	27°44	27°28	29°40	n.a.	T 27
F 28	18 8 30	1°12'15	3♐27	3°38	16°10	13°31	26°40	8°36	24°38	17°34	18°31	27°45	27°25	29°47	n.a.	F 28
S 29	18 12 27	2° 9'34	18° 5	5°42	17° 0	14° 6	26°46	8°42	24°37	17°35	18°32	27°45	27°21	29°54	n.a.	S 29
S 30	18 16 23	3♋ 6'54	2♑59	7♋44	17♌50	14♍42	26♍51	8♌49	24♒36	17♈36	18♌34	27°R45	27♐18	0♌ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n28	23s47	1s38	13n38	2s44	24n13	2n 4	12n56	0n52	3n17	1n29	20n26	1n30	14s 7	0s46	4n58	1s56	29n43	14n53	23s42	23s43	18n41		n.a.
S 2	21 38	23 55	0 19	14 10	2 33	24 1	2 2	12 43	0 51	3 16	1 28	20 25	1 30	14 7	0 46	4 59	1 56	29 42	14 52	23 42	23 43	18 39		n.a.
M 3	21 48	22 22	1n 2	14 42	2 22	23 49	1 59	12 31	0 49	3 16	1 28	20 24	1 30	14 7	0 46	4 59	1 56	29 41	14 52	23 42	23 43	18 37		n.a.
T 4	21 57	19 19	2 19	15 16	2 11	23 35	1 56	12 19	0 48	3 15	1 28	20 22	1 30	14 7	0 46	5 0	1 56	29 41	14 52	23 42	23 43	18 35		n.a.
W 5	22 6	15 4	3 26	15 50	2 0	23 22	1 54	12 6	0 46	3 14	1 27	20 21	1 30	14 7	0 46	5 0	1 56	29 40	14 51	23 42	23 43	18 33		n.a.
T 6	22 15	10 0	4 19	16 25	1 48	23 7	1 51	11 54	0 45	3 13	1 27	20 20	1 29	14 7	0 46	5 1	1 56	29 39	14 51	23 43	23 43	18 31		n.a.
F 7	22 23	4 30	4 56	17 1	1 36	22 53	1 47	11 41	0 44	3 12	1 27	20 18	1 29	14 7	0 46	5 2	1 56	29 38	14 50	23 43	23 43	18 28		n.a.
S 8	22 31	1n 7	5 14	17 37	1 24	22 38	1 44	11 28	0 42	3 11	1 27	20 17	1 29	14 7	0 46	5 2	1 56	29 38	14 50	23 43	23 43	18 26		n.a.
S 9	22 39	6 33	5 14	18 13	1 11	22 22	1 41	11 15	0 41	3 10	1 26	20 16	1 29	14 7	0 46	5 3	1 56	29 37	14 50	23 43	23 43	18 24		n.a.
M10	22 46	11 36	4 57	18 49	0 59	22 6	1 37	11 2	0 40	3 8	1 26	20 14	1 29	14 7	0 46	5 3	1 56	29 36	14 49	23 42	23 43	18 22		n.a.
T 11	22 52	16 0	4 26	19 25	0 46	21 49	1 33	10 49	0 38	3 7	1 26	20 13	1 29	14 7	0 46	5 4	1 56	29 36	14 49	23 42	23 43	18 20		n.a.
W12	22 58	19 36	3 41	20 0	0 34	21 32	1 29	10 35	0 37	3 6	1 25	20 11	1 29	14 8	0 47	5 4	1 57	29 35	14 49	23 42	23 43	18 18		n.a.
T 13	23 4	22 12	2 46	20 35	0 22	21 15	1 25	10 22	0 36	3 4	1 25	20 10	1 29	14 8	0 47	5 5	1 57	29 34	14 48	23 42	23 43	18 16		n.a.
F 14	23 10	23 42	1 44	21 9	0 10	20 57	1 21	10 9	0 35	3 3	1 25	20 8	1 29	14 8	0 47	5 5	1 57	29 33	14 48	23 42	23 43	18 14		n.a.
S 15	23 15	24 2	0 39	21 41	0n 2	20 39	1 17	9 55	0 33	3 1	1 25	20 7	1 29	14 8	0 47	5 5	1 57	29 33	14 48	23 42	23 43	18 12		n.a.
S 16	23 20	23 14	0s28	22 12	0 13	20 20	1 12	9 41	0 32	2 59	1 24	20 5	1 29	14 8	0 47	5 6	1 57	29 32	14 47	23 42	23 43	18 10		n.a.
M17	23 24	21 22	1 33	22 41	0 24	20 2	1 7	9 28	0 31	2 58	1 24	20 4	1 29	14 9	0 47	5 6	1 57	29 31	14 47	23 42	23 43	18 8		n.a.
T 18	23 28	18 36	2 33	23 9	0 34	19 42	1 2	9 14	0 30	2 56	1 24	20 2	1 29	14 9	0 47	5 7	1 57	29 30	14 47	23 42	23 43	18 6		n.a.
W19	23 31	15 5	3 27	23 34	0 44	19 23	0 57	9 0	0 28	2 54	1 23	20 0	1 29	14 9	0 47	5 7	1 57	29 30	14 46	23 42	23 43	18 4		n.a.
T 20	23 34	10 58	4 12	23 57	0 53	19 3	0 52	8 46	0 27	2 52	1 23	19 59	1 29	14 10	0 47	5 7	1 57	29 29	14 46	23 42	23 43	18 1		n.a.
F 21	23 37	6 25	4 46	24 17	1 2	18 43	0 47	8 31	0 26	2 50	1 23	19 57	1 29	14 10	0 47	5 8	1 57	29 28	14 46	23 42	23 42	17 59		n.a.
S 22	23 39	1 35	5 9	24 35	1 10	18 22	0 41	8 17	0 25	2 48	1 23	19 55	1 29	14 10	0 47	5 8	1 57	29 27	14 45	23 42	23 42	17 57		n.a.
S 23	23 41	3s24	5 18	24 50	1 17	18 2	0 35	8 3	0 24	2 46	1 22	19 54	1 29	14 10	0 47	5 9	1 57	29 26	14 45	23 42	23 42	17 55		n.a.
M24	23 42	8 23	5 12	25 2	1 23	17 41	0 29	7 48	0 22	2 44	1 22	19 52	1 29	14 11	0 47	5 9	1 57	29 26	14 45	23 42	23 42	17 53		n.a.
T 25	23 43	13 8	4 50	25 11	1 29	17 19	0 23	7 34	0 21	2 41	1 22	19 50	1 29	14 11	0 47	5 9	1 57	29 25	14 44	23 42	23 42	17 51		n.a.
W26	23 43	17 25	4 12	25 18	1 34	16 58	0 17	7 19	0 20	2 39	1 21	19 49	1 29	14 12	0 47	5 10	1 57	29 24	14 44	23 42	23 42	17 49		n.a.
T 27	23 44	20 54	3 18	25 21	1 38	16 36	0 11	7 5	0 19	2 37	1 21	19 47	1 29	14 12	0 47	5 10	1 57	29 23	14 44	23 42	23 42	17 47		n.a.
F 28	23 43	23 14	2 11	25 22	1 42	16 15	0 4	6 50	0 18	2 34	1 21	19 45	1 29	14 12	0 47	5 10	1 57	29 23	14 44	23 42	23 42	17 44		n.a.
S 29	23 43	24 4	0 53	25 21	1 45	15 53	0s 3	6 35	0 17	2 32	1 21	19 44	1 29	14 13	0 47	5 10	1 58	29 22	14 43	23 42	23 42	17 42		n.a.
S 30	23n41	23s12	0n29	25n17	1n47	15n31	0s10	6n20	0n16	2n29	1n20	19n42	1n29	14s13	0s47	5n11	1s58	29n21	14n43	23s42	23s42	17n40		n.a.

Julian Day Number = 1626244.5, Delta T = 03h44m34s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'05, Lahiri = - 7°33'04 Julian Calendar 1 June 261 BCE == Greg. Calendar 28 May 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

JULY 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 20 20	4♋ 4'14	18♉ 3	9♋45	18♌40	15♍18	26♍57	8♌55	24°R35	17♈37	18♌36	27°R45	27♐15	0♌ 7	n.a.	M 1
T 2	18 24 16	5° 1'36	3♒ 8	11°45	19°28	15°54	27° 3	9° 2	24♒33	17°37	18°37	27♐44	27°12	0°14	n.a.	T 2
W 3	18 28 13	5°58'59	18° 4	13°43	20°16	16°30	27° 9	9° 9	24°32	17°38	18°39	27°43	27° 9	0°20	n.a.	W 3
T 4	18 32 10	6°56'23	2♓45	15°40	21° 3	17° 6	27°16	9°15	24°31	17°39	18°41	27°42	27° 6	0°27	n.a.	T 4
F 5	18 36 6	7°53'48	17° 6	17°35	21°49	17°43	27°22	9°22	24°29	17°40	18°42	27°41	27° 2	0°34	n.a.	F 5
S 6	18 40 3	8°51'15	1♈ 3	19°29	22°35	18°19	27°29	9°29	24°28	17°40	18°44	27°41	26°59	0°40	n.a.	S 6
S 7	18 43 59	9°48'43	14°36	21°21	23°19	18°56	27°35	9°36	24°26	17°41	18°46	27°D41	26°56	0°47	n.a.	S 7
M 8	18 47 56	10°46'13	27°47	23°12	24° 3	19°33	27°42	9°42	24°25	17°42	18°48	27°41	26°53	0°54	n.a.	M 8
T 9	18 51 52	11°43'44	10♉37	25° 1	24°46	20° 9	27°49	9°49	24°23	17°42	18°49	27°42	26°50	1° 1	n.a.	T 9
W10	18 55 49	12°41'17	23°11	26°49	25°27	20°47	27°56	9°56	24°22	17°43	18°51	27°44	26°46	1° 7	n.a.	W10
T 11	18 59 45	13°38'51	5♊30	28°35	26° 8	21°24	28° 3	10° 3	24°20	17°43	18°53	27°45	26°43	1°14	n.a.	T 11
F 12	19 3 42	14°36'27	17°38	0♌19	26°48	22° 1	28°11	10°10	24°18	17°44	18°55	27°46	26°40	1°21	n.a.	F 12
S 13	19 7 39	15°34'05	29°38	2° 2	27°26	22°38	28°18	10°17	24°17	17°44	18°57	27°R46	26°37	1°27	n.a.	S 13
S 14	19 11 35	16°31'43	11♋32	3°44	28° 4	23°16	28°26	10°24	24°15	17°44	18°59	27°45	26°34	1°34	n.a.	S 14
M15	19 15 32	17°29'23	23°22	5°24	28°40	23°54	28°34	10°31	24°13	17°45	19° 1	27°44	26°31	1°41	n.a.	M15
T 16	19 19 28	18°27'05	5♌11	7° 3	29°15	24°32	28°42	10°38	24°11	17°45	19° 3	27°41	26°27	1°47	n.a.	T 16
W17	19 23 25	19°24'48	17° 0	8°40	29°49	25°10	28°49	10°46	24° 9	17°45	19° 5	27°38	26°24	1°54	n.a.	W17
T 18	19 27 21	20°22'32	28°52	10°15	0♍21	25°48	28°58	10°53	24° 8	17°46	19° 7	27°34	26°21	2° 1	n.a.	T 18
F 19	19 31 18	21°20'17	10♍49	11°50	0°52	26°26	29° 6	11° 0	24° 6	17°46	19° 9	27°31	26°18	2° 7	n.a.	F 19
S 20	19 35 14	22°18'04	22°55	13°22	1°22	27° 4	29°14	11° 7	24° 4	17°46	19°11	27°27	26°15	2°14	n.a.	S 20
S 21	19 39 11	23°15'52	5♎13	14°54	1°50	27°43	29°23	11°14	24° 2	17°46	19°13	27°25	26°12	2°21	n.a.	S 21
M22	19 43 8	24°13'41	17°47	16°24	2°17	28°21	29°31	11°22	24° 0	17°47	19°15	27°24	26° 8	2°27	n.a.	M22
T 23	19 47 4	25°11'32	0♏39	17°52	2°42	29° 0	29°40	11°29	23°58	17°47	19°17	27°D24	26° 5	2°34	n.a.	T 23
W24	19 51 1	26° 9'24	13°55	19°19	3° 5	29°39	29°49	11°36	23°56	17°47	19°19	27°25	26° 2	2°41	n.a.	W24
T 25	19 54 57	27° 7'18	27°36	20°44	3°26	0♎17	29°58	11°44	23°54	17°47	19°21	27°26	25°59	2°47	n.a.	T 25
F 26	19 58 54	28° 5'12	11♐44	22° 8	3°46	0°57	0♎ 7	11°51	23°52	17°R47	19°23	27°27	25°56	2°54	n.a.	F 26
S 27	20 2 50	29° 3'09	26°18	23°30	4° 4	1°36	0°16	11°58	23°50	17°47	19°25	27°R28	25°52	3° 1	n.a.	S 27
S 28	20 6 47	0♌ 1'07	11♉13	24°51	4°20	2°15	0°25	12° 6	23°47	17°47	19°27	27°27	25°49	3° 7	n.a.	S 28
M29	20 10 43	0°59'06	26°24	26°10	4°34	2°54	0°34	12°13	23°45	17°47	19°29	27°25	25°46	3°14	n.a.	M29
T 30	20 14 40	1°57'07	11♒40	27°27	4°46	3°34	0°44	12°20	23°43	17°46	19°31	27°22	25°43	3°21	n.a.	T 30
W31	20 18 37	2♌55'10	26♒51	28♌43	4♍56	4♎13	0♎53	12♌28	23♒41	17♈46	19♌33	27♐17	25♐40	3♌27	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23n40	20s40	1n50	25n10	1n48	15n 9	0s17	6n 5	0n14	2n27	1n20	19n40	1n29	14s14	0s47	5n11	1s58	29n20	14n43	23s42	23s42	17n38			n.a.
T 2	23 38	16 42	3 4	25 1	1 49	14 46	0 24	5 50	0 13	2 24	1 20	19 38	1 29	14 14	0 47	5 11	1 58	29 19	14 42	23 42	23 42	17 36			n.a.
W 3	23 35	11 43	4 4	24 49	1 49	14 24	0 32	5 35	0 12	2 21	1 20	19 36	1 29	14 15	0 47	5 11	1 58	29 18	14 42	23 42	23 42	17 34			n.a.
T 4	23 33	6 9	4 48	24 36	1 49	14 1	0 40	5 19	0 11	2 19	1 19	19 35	1 29	14 15	0 47	5 12	1 58	29 18	14 42	23 42	23 42	17 32			n.a.
F 5	23 29	0 23	5 12	24 20	1 48	13 39	0 48	5 4	0 10	2 16	1 19	19 33	1 29	14 16	0 47	5 12	1 58	29 17	14 42	23 42	23 42	17 30			n.a.
S 6	23 26	5n15	5 17	24 2	1 46	13 16	0 56	4 49	0 9	2 13	1 19	19 31	1 29	14 16	0 47	5 12	1 58	29 16	14 42	23 42	23 42	17 27			n.a.
S 7	23 22	10 28	5 3	23 43	1 44	12 54	1 4	4 33	0 8	2 10	1 18	19 29	1 29	14 17	0 47	5 12	1 58	29 15	14 41	23 42	23 41	17 25			n.a.
M 8	23 17	15 4	4 35	23 22	1 41	12 31	1 13	4 18	0 7	2 7	1 18	19 27	1 29	14 17	0 47	5 12	1 58	29 14	14 41	23 42	23 41	17 23			n.a.
T 9	23 12	18 52	3 52	22 59	1 38	12 9	1 21	4 2	0 6	2 4	1 18	19 25	1 29	14 18	0 47	5 13	1 58	29 14	14 41	23 42	23 41	17 21			n.a.
W10	23 7	21 41	3 0	22 35	1 34	11 46	1 30	3 46	0 5	2 1	1 18	19 23	1 29	14 18	0 47	5 13	1 58	29 13	14 41	23 42	23 41	17 19			n.a.
T 11	23 1	23 27	2 0	22 10	1 30	11 24	1 39	3 30	0 4	1 58	1 17	19 22	1 29	14 19	0 48	5 13	1 58	29 12	14 40	23 42	23 41	17 17			n.a.
F 12	22 55	24 4	0 56	21 43	1 25	11 2	1 49	3 15	0 3	1 55	1 17	19 20	1 29	14 19	0 48	5 13	1 58	29 11	14 40	23 42	23 41	17 14			n.a.
S 13	22 48	23 33	0s10	21 15	1 21	10 40	1 58	2 59	0 2	1 51	1 17	19 18	1 29	14 20	0 48	5 13	1 58	29 10	14 40	23 42	23 41	17 12			n.a.
S 14	22 41	21 58	1 15	20 46	1 15	10 18	2 8	2 43	0 1	1 48	1 17	19 16	1 29	14 21	0 48	5 13	1 59	29 10	14 40	23 42	23 41	17 10			n.a.
M15	22 34	19 26	2 17	20 16	1 10	9 56	2 18	2 27	0s 0	1 45	1 16	19 14	1 29	14 21	0 48	5 13	1 59	29 9	14 40	23 42	23 41	17 8			n.a.
T 16	22 26	16 6	3 12	19 45	1 4	9 34	2 28	2 11	0 1	1 41	1 16	19 12	1 29	14 22	0 48	5 13	1 59	29 8	14 39	23 42	23 41	17 6			n.a.
W17	22 18	12 8	3 59	19 14	0 57	9 13	2 38	1 55	0 2	1 38	1 16	19 10	1 29	14 23	0 48	5 13	1 59	29 7	14 39	23 42	23 41	17 4			n.a.
T 18	22 10	7 42	4 36	18 42	0 51	8 52	2 48	1 38	0 3	1 34	1 16	19 8	1 29	14 23	0 48	5 13	1 59	29 6	14 39	23 42	23 41	17 1			n.a.
F 19	22 1	2 58	5 1	18 9	0 44	8 31	2 59	1 22	0 4	1 31	1 16	19 6	1 29	14 24	0 48	5 13	1 59	29 5	14 39	23 42	23 40	16 59			n.a.
S 20	21 51	1s56	5 13	17 35	0 37	8 10	3 10	1 6	0 5	1 27	1 15	19 4	1 29	14 25	0 48	5 13	1 59	29 5	14 39	23 42	23 40	16 57			n.a.
S 21	21 42	6 51	5 11	17 2	0 29	7 50	3 20	0 49	0 6	1 24	1 15	19 2	1 29	14 25	0 48	5 13	1 59	29 4	14 39	23 42	23 40	16 55			n.a.
M22	21 32	11 35	4 55	16 27	0 22	7 30	3 32	0 33	0 7	1 20	1 15	19 0	1 29	14 26	0 48	5 13	1 59	29 3	14 39	23 42	23 40	16 53			n.a.
T 23	21 21	15 56	4 23	15 53	0 14	7 11	3 43	0 17	0 8	1 16	1 15	18 58	1 29	14 27	0 48	5 13	1 59	29 2	14 38	23 42	23 40	16 50			n.a.
W24	21 10	19 39	3 36	15 18	0 6	6 52	3 54	0 0	0 9	1 13	1 14	18 56	1 29	14 27	0 48	5 13	1 59	29 1	14 38	23 42	23 40	16 48			n.a.
T 25	20 59	22 24	2 36	14 43	0s 3	6 33	4 6	0s16	0 10	1 9	1 14	18 54	1 29	14 28	0 48	5 13	1 59	29 1	14 38	23 42	23 40	16 46			n.a.
F 26	20 48	23 52	1 25	14 8	0 11	6 15	4 17	0 33	0 11	1 5	1 14	18 52	1 29	14 29	0 48	5 13	1 59	29 0	14 38	23 42	23 40	16 44			n.a.
S 27	20 36	23 47	0 6	13 32	0 20	5 58	4 29	0 49	0 12	1 1	1 14	18 50	1 29	14 29	0 48	5 13	1 59	28 59	14 38	23 42	23 40	16 42			n.a.
S 28	20 23	22 0	1n15	12 57	0 28	5 41	4 41	1 6	0 13	0 57	1 14	18 48	1 29	14 30	0 48	5 13	1 59	28 58	14 38	23 42	23 40	16 39			n.a.
M29	20 11	18 39	2 32	12 22	0 37	5 25	4 53	1 23	0 14	0 53	1 13	18 46	1 29	14 31	0 48	5 13	2 0	28 57	14 38	23 42	23 39	16 37			n.a.
T 30	19 58	14 0	3 38	11 47	0 46	5 9	5 5	1 39	0 15	0 49	1 13	18 43	1 29	14 32	0 48	5 13	2 0	28 57	14 38	23 42	23 39	16 35			n.a.
W31	19n44	8s30	4n29	11n12	0s55	4n54	5s17	1s56	0s16	0n45	1n13	18n41	1n29	14s32	0s48	5n13	2s 0	28n56	14n38	23s42	23s39	16n33			n.a.

Julian Day Number = 1626274.5, Delta T = 03h44m33s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°40'01, Lahiri = - 7°33'00 Julian Calendar 1 July 261 BCE == Greg. Calendar 27 June 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

AUGUST 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 22 33	3♌53'15	11♓48	29♌57	5♍ 4	4♎53	1♎ 3	12♌35	23°R39	17°R46	19♌35	27°R12	25♐37	3♌34	n.a.	T 1
F 2	20 26 30	4°51'22	26°22	1♍ 9	5° 9	5°33	1°13	12°43	23♒37	17♈46	19°37	27♐ 7	25°33	3°41	n.a.	F 2
S 3	20 30 26	5°49'31	10♈30	2°19	5°13	6°12	1°23	12°50	23°34	17°46	19°40	27° 3	25°30	3°47	n.a.	S 3
S 4	20 34 23	6°47'42	24° 8	3°27	5°R14	6°52	1°33	12°57	23°32	17°45	19°42	27° 0	25°27	3°54	n.a.	S 4
M 5	20 38 19	7°45'55	7♉20	4°33	5°13	7°33	1°43	13° 5	23°30	17°45	19°44	27°D 0	25°24	4° 1	n.a.	M 5
T 6	20 42 16	8°44'10	20° 6	5°36	5° 9	8°13	1°53	13°12	23°27	17°45	19°46	27° 0	25°21	4° 7	n.a.	T 6
W 7	20 46 12	9°42'28	2♊33	6°37	5° 3	8°53	2° 3	13°20	23°25	17°44	19°48	27° 1	25°18	4°14	n.a.	W 7
T 8	20 50 9	10°40'47	14°44	7°36	4°55	9°33	2°13	13°27	23°23	17°44	19°50	27° 3	25°14	4°21	n.a.	T 8
F 9	20 54 6	11°39'09	26°44	8°32	4°45	10°14	2°24	13°35	23°20	17°43	19°53	27°R 4	25°11	4°27	n.a.	F 9
S 10	20 58 2	12°37'33	8♋36	9°25	4°32	10°55	2°34	13°42	23°18	17°43	19°55	27° 3	25° 8	4°34	n.a.	S 10
S 11	21 1 59	13°35'59	20°25	10°15	4°16	11°35	2°45	13°50	23°16	17°42	19°57	27° 0	25° 5	4°41	n.a.	S 11
M12	21 5 55	14°34'28	2♌13	11° 2	3°59	12°16	2°56	13°57	23°13	17°42	19°59	26°55	25° 2	4°47	n.a.	M12
T 13	21 9 52	15°32'58	14° 3	11°45	3°39	12°57	3° 6	14° 5	23°11	17°41	20° 1	26°48	24°58	4°54	n.a.	T 13
W14	21 13 48	16°31'30	25°56	12°24	3°17	13°38	3°17	14°12	23° 9	17°41	20° 3	26°39	24°55	5° 1	n.a.	W14
T 15	21 17 45	17°30'04	7♍54	13° 0	2°53	14°19	3°28	14°20	23° 6	17°40	20° 6	26°29	24°52	5° 7	n.a.	T 15
F 16	21 21 41	18°28'40	19°59	13°31	2°26	15° 0	3°39	14°27	23° 4	17°39	20° 8	26°19	24°49	5°14	n.a.	F 16
S 17	21 25 38	19°27'18	2♎12	13°57	1°58	15°42	3°50	14°35	23° 1	17°39	20°10	26°10	24°46	5°21	n.a.	S 17
S 18	21 29 34	20°25'58	14°36	14°18	1°29	16°23	4° 1	14°42	22°59	17°38	20°12	26° 3	24°43	5°28	n.a.	S 18
M19	21 33 31	21°24'39	27°12	14°34	0°57	17° 5	4°13	14°50	22°57	17°37	20°14	25°58	24°39	5°34	n.a.	M19
T 20	21 37 28	22°23'23	10♏ 3	14°44	0°24	17°46	4°24	14°57	22°54	17°36	20°17	25°55	24°36	5°41	n.a.	T 20
W21	21 41 24	23°22'08	23°13	14°R47	29♌50	18°28	4°35	15° 4	22°52	17°36	20°19	25°D55	24°33	5°48	n.a.	W21
T 22	21 45 21	24°20'55	6♐45	14°45	29°15	19°10	4°47	15°12	22°49	17°35	20°21	25°55	24°30	5°54	n.a.	T 22
F 23	21 49 17	25°19'44	20°40	14°35	28°40	19°52	4°58	15°19	22°47	17°34	20°23	25°R56	24°27	6° 1	n.a.	F 23
S 24	21 53 14	26°18'35	5♑ 0	14°18	28° 3	20°34	5°10	15°27	22°44	17°33	20°25	25°55	24°24	6° 8	n.a.	S 24
S 25	21 57 10	27°17'28	19°43	13°54	27°26	21°16	5°22	15°34	22°42	17°32	20°28	25°53	24°20	6°14	n.a.	S 25
M26	22 1 7	28°16'23	4♒43	13°23	26°49	21°58	5°33	15°41	22°40	17°31	20°30	25°49	24°17	6°21	n.a.	M26
T 27	22 5 3	29°15'19	19°54	12°44	26°13	22°40	5°45	15°49	22°37	17°30	20°32	25°42	24°14	6°28	n.a.	T 27
W28	22 9 0	0♍14'18	5♓ 5	11°58	25°37	23°22	5°57	15°56	22°35	17°29	20°34	25°33	24°11	6°34	n.a.	W28
T 29	22 12 57	1°13'18	20° 6	11° 6	25° 1	24° 5	6° 9	16° 3	22°33	17°28	20°36	25°23	24° 8	6°41	n.a.	T 29
F 30	22 16 53	2°12'21	4♈48	10° 8	24°26	24°47	6°21	16°11	22°30	17°27	20°38	25°13	24° 4	6°48	n.a.	F 30
S 31	22 20 50	3♍11'26	19♈ 4	9♍ 5	23♌53	25♎30	6♎33	16♌18	22♒28	17♈26	20♌41	25♐ 5	24♐ 1	6♌54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n31	2s36	5n 0	10n37	1s 4	4n40	5s29	2s13	0s17	0n41	1n13	18n39	1n29	14s33	0s48	5n13	2s 0	28n55	14n38	23s42	23s39	16n30		n.a.
F 2	19 17	3n17	5 11	10 3	1 14	4 27	5 41	2 30	0 17	0 37	1 13	18 37	1 29	14 34	0 48	5 13	2 0	28 54	14 37	23 42	23 39	16 28		n.a.
S 3	19 2	8 50	5 3	9 29	1 23	4 14	5 53	2 46	0 18	0 33	1 12	18 35	1 29	14 35	0 48	5 12	2 0	28 54	14 37	23 42	23 39	16 26		n.a.
S 4	18 48	13 45	4 37	8 56	1 32	4 3	6 5	3 3	0 19	0 29	1 12	18 33	1 29	14 35	0 48	5 12	2 0	28 53	14 37	23 42	23 39	16 24		n.a.
M 5	18 33	17 51	3 58	8 23	1 42	3 52	6 17	3 20	0 20	0 25	1 12	18 31	1 29	14 36	0 48	5 12	2 0	28 52	14 37	23 42	23 39	16 22		n.a.
T 6	18 18	20 59	3 7	7 51	1 51	3 42	6 29	3 37	0 21	0 20	1 12	18 29	1 29	14 37	0 48	5 12	2 0	28 51	14 37	23 42	23 39	16 19		n.a.
W 7	18 2	23 2	2 9	7 20	2 0	3 34	6 41	3 54	0 22	0 16	1 12	18 27	1 29	14 38	0 48	5 12	2 0	28 50	14 37	23 42	23 38	16 17		n.a.
T 8	17 46	23 56	1 6	6 49	2 9	3 26	6 52	4 11	0 23	0 12	1 11	18 25	1 29	14 39	0 48	5 11	2 0	28 50	14 37	23 42	23 38	16 15		n.a.
F 9	17 30	23 43	0 2	6 20	2 19	3 19	7 3	4 27	0 23	0 7	1 11	18 22	1 30	14 39	0 48	5 11	2 0	28 49	14 37	23 42	23 38	16 13		n.a.
S 10	17 13	22 25	1s 2	5 51	2 28	3 14	7 14	4 44	0 24	0 3	1 11	18 20	1 30	14 40	0 48	5 11	2 0	28 48	14 37	23 42	23 38	16 10		n.a.
S 11	16 56	20 8	2 3	5 24	2 37	3 9	7 25	5 1	0 25	0s 2	1 11	18 18	1 30	14 41	0 48	5 11	2 0	28 47	14 37	23 42	23 38	16 8		n.a.
M12	16 39	17 1	2 58	4 58	2 45	3 6	7 35	5 18	0 26	0 6	1 11	18 16	1 30	14 42	0 48	5 10	2 0	28 47	14 37	23 41	23 38	16 6		n.a.
T 13	16 22	13 13	3 46	4 34	2 54	3 4	7 45	5 35	0 27	0 10	1 10	18 14	1 30	14 43	0 48	5 10	2 1	28 46	14 37	23 41	23 38	16 4		n.a.
W14	16 4	8 54	4 24	4 11	3 2	3 4	7 54	5 52	0 28	0 15	1 10	18 12	1 30	14 43	0 48	5 10	2 1	28 45	14 37	23 41	23 38	16 1		n.a.
T 15	15 46	4 13	4 50	3 50	3 10	3 4	8 3	6 9	0 28	0 20	1 10	18 10	1 30	14 44	0 48	5 10	2 1	28 45	14 37	23 41	23 38	15 59		n.a.
F 16	15 28	0s38	5 4	3 31	3 18	3 6	8 11	6 26	0 29	0 24	1 10	18 7	1 30	14 45	0 48	5 9	2 1	28 44	14 37	23 40	23 37	15 57		n.a.
S 17	15 10	5 32	5 4	3 15	3 25	3 9	8 18	6 42	0 30	0 29	1 10	18 5	1 30	14 46	0 48	5 9	2 1	28 43	14 37	23 40	23 37	15 55		n.a.
S 18	14 51	10 16	4 50	3 0	3 31	3 13	8 25	6 59	0 31	0 33	1 10	18 3	1 30	14 47	0 48	5 9	2 1	28 42	14 37	23 40	23 37	15 52		n.a.
M19	14 32	14 40	4 22	2 49	3 37	3 18	8 31	7 16	0 31	0 38	1 9	18 1	1 30	14 47	0 48	5 8	2 1	28 42	14 38	23 40	23 37	15 50		n.a.
T 20	14 13	18 29	3 40	2 40	3 43	3 25	8 36	7 33	0 32	0 43	1 9	17 59	1 30	14 48	0 48	5 8	2 1	28 41	14 38	23 40	23 37	15 48		n.a.
W21	13 53	21 28	2 46	2 35	3 47	3 33	8 40	7 50	0 33	0 47	1 9	17 57	1 30	14 49	0 48	5 8	2 1	28 40	14 38	23 40	23 37	15 45		n.a.
T 22	13 34	23 21	1 41	2 32	3 50	3 41	8 44	8 7	0 34	0 52	1 9	17 55	1 31	14 50	0 48	5 7	2 1	28 40	14 38	23 40	23 37	15 43		n.a.
F 23	13 14	23 52	0 28	2 34	3 53	3 51	8 46	8 23	0 34	0 57	1 9	17 52	1 31	14 51	0 48	5 7	2 1	28 39	14 38	23 40	23 37	15 41		n.a.
S 24	12 54	22 50	0n48	2 39	3 54	4 2	8 48	8 40	0 35	1 2	1 9	17 50	1 31	14 51	0 48	5 6	2 1	28 38	14 38	23 40	23 36	15 39		n.a.
S 25	12 33	20 13	2 3	2 49	3 54	4 14	8 48	8 57	0 36	1 6	1 9	17 48	1 31	14 52	0 48	5 6	2 1	28 38	14 38	23 40	23 36	15 36		n.a.
M26	12 13	16 13	3 11	3 2	3 52	4 27	8 48	9 13	0 37	1 11	1 8	17 46	1 31	14 53	0 48	5 6	2 1	28 37	14 38	23 40	23 36	15 34		n.a.
T 27	11 52	11 7	4 7	3 20	3 49	4 40	8 47	9 30	0 37	1 16	1 8	17 44	1 31	14 54	0 48	5 5	2 1	28 36	14 38	23 39	23 36	15 32		n.a.
W28	11 31	5 21	4 44	3 43	3 44	4 54	8 45	9 46	0 38	1 21	1 8	17 42	1 31	14 55	0 48	5 5	2 1	28 36	14 38	23 39	23 36	15 29		n.a.
T 29	11 10	0n39	5 2	4 9	3 36	5 9	8 41	10 3	0 39	1 26	1 8	17 40	1 31	14 55	0 48	5 4	2 1	28 35	14 39	23 39	23 36	15 27		n.a.
F 30	10 49	6 30	4 59	4 40	3 27	5 24	8 37	10 19	0 39	1 31	1 8	17 38	1 31	14 56	0 48	5 4	2 1	28 35	14 39	23 38	23 36	15 25		n.a.
S 31	10n27	11n49	4n37	5n14	3s16	5n40	8s32	10s36	0s40	1s36	1n 8	17n35	1n31	14s57	0s48	5n 3	2s 2	28n34	14n39	23s38	23s35	15n23		n.a.

Julian Day Number = 1626305.5, Delta T = 03h44m32s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'57, Lahiri = - 7°32'56 Julian Calendar 1 Aug. 261 BCE == Greg. Calendar 28 July 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

SEPTEMBER 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 24 46	4♍10'34	2♉50	7°R58	23°R20	26♎12	6♎45	16♏25	22°R25	17°R25	20♏43	24°R59	23♐58	7♏ 1	n.a.	S 1
M 2	22 28 43	5° 9'44	16° 6	6♍49	22♏50	26°55	6°57	16°33	22♒23	17♈24	20°45	24♐55	23°55	7° 8	n.a.	M 2
T 3	22 32 39	6° 8'57	28°56	5°40	22°20	27°38	7° 9	16°40	22°21	17°23	20°47	24°53	23°52	7°14	n.a.	T 3
W 4	22 36 36	7° 8'12	11♊23	4°32	21°53	28°21	7°21	16°47	22°18	17°21	20°49	24°D53	23°49	7°21	n.a.	W 4
T 5	22 40 32	8° 7'29	23°32	3°28	21°28	29° 4	7°34	16°54	22°16	17°20	20°51	24°R53	23°45	7°28	n.a.	T 5
F 6	22 44 29	9° 6'49	5♋29	2°28	21° 5	29°47	7°46	17° 1	22°14	17°19	20°53	24°53	23°42	7°34	n.a.	F 6
S 7	22 48 26	10° 6'11	17°19	1°36	20°44	0♏30	7°58	17° 8	22°12	17°18	20°56	24°51	23°39	7°41	n.a.	S 7
S 8	22 52 22	11° 5'36	29° 7	0°52	20°25	1°13	8°11	17°15	22° 9	17°16	20°58	24°46	23°36	7°48	n.a.	S 8
M 9	22 56 19	12° 5'03	10♌56	0°17	20° 9	1°57	8°23	17°23	22° 7	17°15	21° 0	24°38	23°33	7°54	n.a.	M 9
T 10	23 0 15	13° 4'32	22°49	29♌52	19°55	2°40	8°36	17°30	22° 5	17°14	21° 2	24°28	23°30	8° 1	n.a.	T 10
W11	23 4 12	14° 4'03	4♍49	29°38	19°44	3°24	8°49	17°37	22° 3	17°12	21° 4	24°15	23°26	8° 8	n.a.	W11
T 12	23 8 8	15° 3'37	16°57	29°D35	19°34	4° 7	9° 1	17°43	22° 1	17°11	21° 6	24° 1	23°23	8°15	n.a.	T 12
F 13	23 12 5	16° 3'12	29°14	29°43	19°28	4°51	9°14	17°50	21°58	17°10	21° 8	23°47	23°20	8°21	n.a.	F 13
S 14	23 16 1	17° 2'50	11♎41	0♍ 2	19°24	5°34	9°27	17°57	21°56	17° 8	21°10	23°34	23°17	8°28	n.a.	S 14
S 15	23 19 58	18° 2'30	24°18	0°31	19°D22	6°18	9°39	18° 4	21°54	17° 7	21°12	23°23	23°14	8°35	n.a.	S 15
M16	23 23 54	19° 2'11	7♏ 5	1° 9	19°22	7° 2	9°52	18°11	21°52	17° 5	21°14	23°15	23°10	8°41	n.a.	M16
T 17	23 27 51	20° 1'55	20° 5	1°55	19°25	7°46	10° 5	18°18	21°50	17° 4	21°16	23°10	23° 7	8°48	n.a.	T 17
W18	23 31 48	21° 1'41	3♐18	2°50	19°31	8°30	10°18	18°24	21°48	17° 2	21°18	23° 8	23° 4	8°55	n.a.	W18
T 19	23 35 44	22° 1'28	16°47	3°52	19°38	9°14	10°31	18°31	21°46	17° 1	21°20	23° 7	23° 1	9° 1	n.a.	T 19
F 20	23 39 41	23° 1'17	0♑33	4°59	19°48	9°58	10°44	18°38	21°44	16°59	21°22	23° 7	22°58	9° 8	n.a.	F 20
S 21	23 43 37	24° 1'08	14°38	6°13	20° 0	10°43	10°57	18°44	21°42	16°58	21°24	23° 6	22°55	9°15	n.a.	S 21
S 22	23 47 34	25° 1'01	29° 2	7°31	20°14	11°27	11°10	18°51	21°40	16°56	21°26	23° 3	22°51	9°21	n.a.	S 22
M23	23 51 30	26° 0'55	13♒42	8°53	20°30	12°11	11°23	18°57	21°38	16°55	21°28	22°58	22°48	9°28	n.a.	M23
T 24	23 55 27	27° 0'52	28°33	10°18	20°48	12°56	11°36	19° 4	21°37	16°53	21°29	22°50	22°45	9°35	n.a.	T 24
W25	23 59 23	28° 0'50	13♓27	11°47	21° 8	13°40	11°49	19°10	21°35	16°52	21°31	22°39	22°42	9°41	n.a.	W25
T 26	0 3 20	29° 0'50	28°16	13°18	21°30	14°25	12° 2	19°16	21°33	16°50	21°33	22°27	22°39	9°48	n.a.	T 26
F 27	0 7 17	0♎ 0'51	12♈50	14°50	21°54	15° 9	12°15	19°23	21°31	16°48	21°35	22°16	22°35	9°55	n.a.	F 27
S 28	0 11 13	1° 0'55	27° 4	16°25	22°19	15°54	12°28	19°29	21°29	16°47	21°37	22° 5	22°32	10° 2	n.a.	S 28
S 29	0 15 10	2° 1'02	10♉51	18° 0	22°47	16°39	12°41	19°35	21°28	16°45	21°39	21°57	22°29	10° 8	n.a.	S 29
M30	0 19 6	3♎ 1'10	24♉10	19♍37	23♏16	17♏24	12♎54	19♏41	21♒26	16♈44	21♏40	21♐52	22♐26	10♏15	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n 6	16n21	4n 0	5n51	3s 3	5n56	8s27	10s52	0s41	1s41	1n 8	17n33	1n31	14s58	0s48	5n 3	2s 2	28n33	14n39	23s38	23s35	15n20		n.a.
M 2	9 44	19 54	3 11	6 31	2 48	6 12	8 20	11 8	0 42	1 46	1 7	17 31	1 32	14 58	0 48	5 2	2 2	28 33	14 39	23 38	23 35	15 18		n.a.
T 3	9 22	22 20	2 13	7 12	2 32	6 28	8 13	11 25	0 42	1 51	1 7	17 29	1 32	14 59	0 48	5 2	2 2	28 32	14 39	23 38	23 35	15 16		n.a.
W 4	9 0	23 35	1 11	7 53	2 14	6 44	8 5	11 41	0 43	1 56	1 7	17 27	1 32	15 0	0 48	5 1	2 2	28 32	14 40	23 38	23 35	15 13		n.a.
T 5	8 37	23 41	0 7	8 34	1 55	7 0	7 56	11 57	0 44	2 1	1 7	17 25	1 32	15 1	0 48	5 1	2 2	28 31	14 40	23 38	23 35	15 11		n.a.
F 6	8 15	22 41	0s56	9 14	1 35	7 16	7 47	12 13	0 44	2 6	1 7	17 23	1 32	15 1	0 48	5 0	2 2	28 31	14 40	23 38	23 34	15 9		n.a.
S 7	7 52	20 40	1 56	9 52	1 15	7 32	7 37	12 29	0 45	2 11	1 7	17 21	1 32	15 2	0 48	5 0	2 2	28 30	14 40	23 37	23 34	15 6		n.a.
S 8	7 29	17 48	2 51	10 27	0 55	7 48	7 27	12 45	0 45	2 16	1 7	17 19	1 32	15 3	0 48	4 59	2 2	28 30	14 40	23 37	23 34	15 4		n.a.
M 9	7 7	14 12	3 38	10 58	0 35	8 3	7 16	13 1	0 46	2 21	1 7	17 17	1 32	15 4	0 48	4 59	2 2	28 29	14 41	23 37	23 34	15 2		n.a.
T 10	6 44	10 2	4 16	11 25	0 15	8 18	7 5	13 16	0 47	2 26	1 6	17 15	1 33	15 4	0 48	4 58	2 2	28 29	14 41	23 37	23 34	14 59		n.a.
W11	6 20	5 28	4 43	11 47	0n 3	8 32	6 53	13 32	0 47	2 31	1 6	17 13	1 33	15 5	0 48	4 58	2 2	28 28	14 41	23 36	23 34	14 57		n.a.
T 12	5 57	0 39	4 58	12 4	0 20	8 46	6 42	13 48	0 48	2 36	1 6	17 11	1 33	15 6	0 48	4 57	2 2	28 28	14 41	23 35	23 34	14 55		n.a.
F 13	5 34	4s15	4 59	12 16	0 36	8 59	6 30	14 3	0 48	2 41	1 6	17 9	1 33	15 6	0 48	4 56	2 2	28 27	14 41	23 35	23 33	14 52		n.a.
S 14	5 10	9 2	4 45	12 23	0 51	9 12	6 18	14 18	0 49	2 47	1 6	17 6	1 33	15 7	0 48	4 56	2 2	28 27	14 42	23 34	23 33	14 50		n.a.
S 15	4 47	13 31	4 18	12 26	1 4	9 24	6 5	14 34	0 50	2 52	1 6	17 4	1 33	15 8	0 48	4 55	2 2	28 26	14 42	23 34	23 33	14 48		n.a.
M16	4 23	17 28	3 37	12 23	1 16	9 36	5 53	14 49	0 50	2 57	1 6	17 2	1 33	15 8	0 48	4 55	2 2	28 26	14 42	23 33	23 33	14 45		n.a.
T 17	4 0	20 37	2 45	12 16	1 27	9 47	5 41	15 4	0 51	3 2	1 6	17 1	1 34	15 9	0 48	4 54	2 2	28 25	14 43	23 33	23 33	14 43		n.a.
W18	3 36	22 45	1 43	12 4	1 35	9 57	5 28	15 19	0 51	3 7	1 6	16 59	1 34	15 10	0 48	4 54	2 2	28 25	14 43	23 33	23 33	14 41		n.a.
T 19	3 12	23 37	0 33	11 48	1 43	10 7	5 16	15 34	0 52	3 12	1 6	16 57	1 34	15 10	0 48	4 53	2 2	28 24	14 43	23 33	23 32	14 38		n.a.
F 20	2 48	23 4	0n39	11 29	1 49	10 15	5 3	15 49	0 52	3 18	1 5	16 55	1 34	15 11	0 48	4 52	2 2	28 24	14 43	23 33	23 32	14 36		n.a.
S 21	2 24	21 4	1 51	11 6	1 54	10 23	4 51	16 3	0 53	3 23	1 5	16 53	1 34	15 12	0 48	4 52	2 2	28 24	14 44	23 33	23 32	14 34		n.a.
S 22	2 0	17 42	2 57	10 40	1 58	10 31	4 39	16 18	0 54	3 28	1 5	16 51	1 34	15 12	0 48	4 51	2 2	28 23	14 44	23 33	23 32	14 31		n.a.
M23	1 36	13 11	3 53	10 12	2 1	10 37	4 26	16 32	0 54	3 33	1 5	16 49	1 34	15 13	0 48	4 50	2 2	28 23	14 44	23 32	23 32	14 29		n.a.
T 24	1 12	7 50	4 34	9 41	2 2	10 43	4 14	16 46	0 55	3 39	1 5	16 47	1 35	15 13	0 48	4 50	2 2	28 23	14 45	23 32	23 32	14 27		n.a.
W25	0 48	2 2	4 57	9 7	2 3	10 48	4 2	17 0	0 55	3 44	1 5	16 45	1 35	15 14	0 48	4 49	2 2	28 22	14 45	23 31	23 31	14 24		n.a.
T 26	0 24	3n52	4 59	8 32	2 3	10 53	3 50	17 14	0 56	3 49	1 5	16 43	1 35	15 15	0 48	4 49	2 2	28 22	14 45	23 31	23 31	14 22		n.a.
F 27	0s 0	9 26	4 41	7 55	2 2	10 56	3 38	17 28	0 56	3 54	1 5	16 41	1 35	15 15	0 48	4 48	2 2	28 22	14 46	23 30	23 31	14 20		n.a.
S 28	0 24	14 22	4 7	7 17	2 1	10 59	3 27	17 42	0 57	3 59	1 5	16 40	1 35	15 16	0 48	4 47	2 2	28 21	14 46	23 29	23 31	14 17		n.a.
S 29	0 49	18 24	3 19	6 37	1 59	11 1	3 15	17 55	0 57	4 5	1 5	16 38	1 35	15 16	0 48	4 47	2 3	28 21	14 46	23 29	23 31	14 15		n.a.
M30	1s13	21n19	2n21	5n56	1n56	11n 2	3s 4	18s 9	0s58	4s10	1n 5	16n36	1n36	15s17	0s48	4n46	2s 3	28n21	14n47	23s28	23s30	14n13		n.a.

Julian Day Number = 1626336.5, Delta T = 03h44m31s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'52, Lahiri = - 7°32'52 Julian Calendar 1 Sept. 261 BCE == Greg. Calendar 28 Aug. 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

OCTOBER 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 23 3	4♎ 1'20	7♊ 4	21♍14	23♌46	18♏ 9	13♎ 8	19♌47	21°R25	16°R42	21♌42	21°R49	22♐23	10♌22	n.a.	T 1
W 2	0 26 59	5° 1'33	19°34	22°52	24°18	18°54	13°21	19°53	21♒23	16♈40	21°44	21°D48	22°20	10°28	n.a.	W 2
T 3	0 30 56	6° 1'48	1♋46	24°30	24°52	19°39	13°34	19°59	21°22	16°39	21°45	21°R49	22°16	10°35	n.a.	T 3
F 4	0 34 52	7° 2'05	13°44	26° 9	25°27	20°24	13°47	20° 5	21°20	16°37	21°47	21♐48	22°13	10°42	n.a.	F 4
S 5	0 38 49	8° 2'24	25°36	27°47	26° 3	21° 9	14° 1	20°11	21°19	16°35	21°49	21°47	22°10	10°48	n.a.	S 5
S 6	0 42 46	9° 2'45	7♌24	29°26	26°41	21°54	14°14	20°17	21°17	16°34	21°50	21°43	22° 7	10°55	n.a.	S 6
M 7	0 46 42	10° 3'09	19°15	1♎ 4	27°20	22°39	14°27	20°23	21°16	16°32	21°52	21°37	22° 4	11° 2	n.a.	M 7
T 8	0 50 39	11° 3'34	1♍13	2°43	28° 0	23°25	14°40	20°28	21°15	16°30	21°54	21°28	22° 1	11° 8	n.a.	T 8
W 9	0 54 35	12° 4'01	13°20	4°21	28°41	24°10	14°54	20°34	21°13	16°29	21°55	21°17	21°57	11°15	n.a.	W 9
T 10	0 58 32	13° 4'30	25°39	5°59	29°24	24°56	15° 7	20°39	21°12	16°27	21°57	21° 4	21°54	11°22	n.a.	T 10
F 11	1 2 28	14° 5'01	8♎10	7°37	0♍ 8	25°41	15°20	20°45	21°11	16°25	21°58	20°51	21°51	11°28	n.a.	F 11
S 12	1 6 25	15° 5'33	20°54	9°14	0°52	26°27	15°34	20°50	21°10	16°23	22° 0	20°39	21°48	11°35	n.a.	S 12
S 13	1 10 21	16° 6'08	3♏50	10°52	1°38	27°12	15°47	20°56	21° 9	16°22	22° 1	20°30	21°45	11°42	n.a.	S 13
M14	1 14 18	17° 6'44	16°58	12°29	2°24	27°58	16° 0	21° 1	21° 8	16°20	22° 3	20°22	21°41	11°49	n.a.	M14
T 15	1 18 14	18° 7'21	0♐17	14° 6	3°12	28°44	16°14	21° 6	21° 7	16°18	22° 4	20°18	21°38	11°55	n.a.	T 15
W16	1 22 11	19° 8'00	13°45	15°42	4° 0	29°29	16°27	21°11	21° 6	16°17	22° 6	20°16	21°35	12° 2	n.a.	W16
T 17	1 26 8	20° 8'40	27°24	17°18	4°50	0♐15	16°40	21°16	21° 5	16°15	22° 7	20°D16	21°32	12° 9	n.a.	T 17
F 18	1 30 4	21° 9'22	11♑13	18°54	5°40	1° 1	16°54	21°21	21° 4	16°13	22° 8	20°17	21°29	12°15	n.a.	F 18
S 19	1 34 1	22°10'05	25°13	20°30	6°31	1°47	17° 7	21°26	21° 3	16°12	22°10	20°R17	21°26	12°22	n.a.	S 19
S 20	1 37 57	23°10'48	9♒23	22° 6	7°22	2°33	17°20	21°31	21° 2	16°10	22°11	20°16	21°22	12°29	n.a.	S 20
M21	1 41 54	24°11'33	23°42	23°41	8°15	3°19	17°33	21°35	21° 2	16° 8	22°12	20°12	21°19	12°35	n.a.	M21
T 22	1 45 50	25°12'19	8♓ 7	25°16	9° 8	4° 5	17°47	21°40	21° 1	16° 6	22°13	20° 6	21°16	12°42	n.a.	T 22
W23	1 49 47	26°13'07	22°34	26°51	10° 2	4°51	18° 0	21°45	21° 0	16° 5	22°14	19°59	21°13	12°49	n.a.	W23
T 24	1 53 43	27°13'55	6♈57	28°26	10°56	5°37	18°13	21°49	21° 0	16° 3	22°16	19°50	21°10	12°55	n.a.	T 24
F 25	1 57 40	28°14'45	21° 9	0♏ 0	11°52	6°24	18°26	21°53	20°59	16° 2	22°17	19°41	21° 6	13° 2	n.a.	F 25
S 26	2 1 37	29°15'36	5♉ 6	1°34	12°47	7°10	18°40	21°58	20°59	16° 0	22°18	19°33	21° 3	13° 9	n.a.	S 26
S 27	2 5 33	0♏16'28	18°42	3° 9	13°44	7°56	18°53	22° 2	20°58	15°58	22°19	19°27	21° 0	13°16	n.a.	S 27
M28	2 9 30	1°17'22	1♊56	4°43	14°41	8°42	19° 6	22° 6	20°58	15°57	22°20	19°23	20°57	13°22	n.a.	M28
T 29	2 13 26	2°18'17	14°48	6°17	15°38	9°29	19°19	22°10	20°58	15°55	22°21	19°D22	20°54	13°29	n.a.	T 29
W30	2 17 23	3°19'14	27°20	7°51	16°37	10°15	19°32	22°14	20°57	15°53	22°22	19°22	20°51	13°36	n.a.	W30
T 31	2 21 19	4♏20'12	9♋34	9♏24	17♍35	11♐ 2	19♎46	22♌18	20♒57	15♈52	22♌23	19♐23	20♐47	13♌42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	1s37	23n 1	1n17	5n14	1n53	11n 3	2s53	18s22	0s58	4s15	1n 5	16n34	1n36	15s17	0s48	4n45	2s 3	28n20	14n47	23s28	23s30	14n10			n.a.
W 2	2 1	23 31	0 12	4 32	1 49	11 2	2 42	18 35	0 58	4 20	1 4	16 32	1 36	15 18	0 48	4 45	2 3	28 20	14 47	23 28	23 30	14 8			n.a.
T 3	2 25	22 50	0s53	3 49	1 45	11 1	2 31	18 48	0 59	4 26	1 4	16 31	1 36	15 18	0 48	4 44	2 3	28 20	14 48	23 28	23 30	14 6			n.a.
F 4	2 49	21 7	1 54	3 5	1 41	10 59	2 20	19 1	0 59	4 31	1 4	16 29	1 36	15 19	0 47	4 43	2 3	28 20	14 48	23 28	23 30	14 3			n.a.
S 5	3 14	18 31	2 49	2 21	1 36	10 57	2 10	19 13	1 0	4 36	1 4	16 27	1 37	15 19	0 47	4 43	2 3	28 20	14 49	23 28	23 30	14 1			n.a.
S 6	3 38	15 9	3 37	1 37	1 31	10 54	2 0	19 26	1 0	4 41	1 4	16 26	1 37	15 19	0 47	4 42	2 3	28 19	14 49	23 28	23 29	13 58			n.a.
M 7	4 2	11 11	4 16	0 53	1 26	10 50	1 50	19 38	1 1	4 47	1 4	16 24	1 37	15 20	0 47	4 41	2 3	28 19	14 49	23 27	23 29	13 56			n.a.
T 8	4 26	6 45	4 44	0 8	1 20	10 45	1 40	19 50	1 1	4 52	1 4	16 22	1 37	15 20	0 47	4 41	2 3	28 19	14 50	23 27	23 29	13 54			n.a.
W 9	4 50	2 2	4 59	0s37	1 14	10 39	1 30	20 2	1 1	4 57	1 4	16 21	1 37	15 21	0 47	4 40	2 3	28 19	14 50	23 26	23 29	13 51			n.a.
T 10	5 13	2s51	5 1	1 21	1 9	10 33	1 21	20 14	1 2	5 2	1 4	16 19	1 37	15 21	0 47	4 39	2 3	28 19	14 51	23 25	23 29	13 49			n.a.
F 11	5 37	7 41	4 48	2 6	1 2	10 27	1 12	20 25	1 2	5 8	1 4	16 17	1 38	15 21	0 47	4 39	2 3	28 19	14 51	23 24	23 28	13 47			n.a.
S 12	6 1	12 17	4 22	2 51	0 56	10 19	1 3	20 36	1 3	5 13	1 4	16 16	1 38	15 22	0 47	4 38	2 3	28 18	14 51	23 24	23 28	13 44			n.a.
S 13	6 24	16 24	3 41	3 35	0 50	10 11	0 54	20 47	1 3	5 18	1 4	16 14	1 38	15 22	0 47	4 37	2 3	28 18	14 52	23 23	23 28	13 42			n.a.
M14	6 48	19 47	2 48	4 19	0 44	10 2	0 45	20 58	1 3	5 23	1 4	16 13	1 38	15 22	0 47	4 37	2 3	28 18	14 52	23 22	23 28	13 39			n.a.
T 15	7 11	22 9	1 45	5 3	0 37	9 53	0 37	21 9	1 4	5 29	1 4	16 11	1 38	15 23	0 47	4 36	2 3	28 18	14 53	23 22	23 28	13 37			n.a.
W16	7 35	23 18	0 35	5 47	0 31	9 43	0 29	21 20	1 4	5 34	1 4	16 10	1 39	15 23	0 47	4 36	2 3	28 18	14 53	23 22	23 27	13 35			n.a.
T 17	7 58	23 4	0n38	6 30	0 24	9 32	0 21	21 30	1 4	5 39	1 4	16 8	1 39	15 23	0 47	4 35	2 3	28 18	14 54	23 22	23 27	13 32			n.a.
F 18	8 21	21 25	1 50	7 13	0 18	9 21	0 13	21 40	1 5	5 44	1 4	16 7	1 39	15 23	0 47	4 34	2 3	28 18	14 54	23 22	23 27	13 30			n.a.
S 19	8 44	18 28	2 56	7 56	0 11	9 9	0 5	21 50	1 5	5 49	1 4	16 6	1 39	15 24	0 47	4 34	2 3	28 18	14 54	23 22	23 27	13 27			n.a.
S 20	9 7	14 24	3 52	8 38	0 4	8 56	0n 2	21 59	1 5	5 54	1 4	16 4	1 40	15 24	0 47	4 33	2 3	28 18	14 55	23 22	23 27	13 25			n.a.
M21	9 29	9 28	4 34	9 20	0s 2	8 43	0 10	22 9	1 6	6 0	1 4	16 3	1 40	15 24	0 47	4 32	2 3	28 18	14 55	23 22	23 26	13 23			n.a.
T 22	9 52	4 0	4 59	10 2	0 9	8 30	0 17	22 18	1 6	6 5	1 4	16 2	1 40	15 24	0 47	4 32	2 3	28 18	14 56	23 21	23 26	13 20			n.a.
W23	10 14	1n41	5 5	10 42	0 15	8 16	0 23	22 27	1 6	6 10	1 4	16 0	1 40	15 24	0 47	4 31	2 3	28 18	14 56	23 21	23 26	13 18			n.a.
T 24	10 37	7 15	4 52	11 23	0 22	8 1	0 30	22 36	1 7	6 15	1 4	15 59	1 40	15 25	0 47	4 30	2 3	28 18	14 57	23 20	23 26	13 15			n.a.
F 25	10 59	12 22	4 21	12 3	0 28	7 45	0 37	22 44	1 7	6 20	1 4	15 58	1 41	15 25	0 47	4 30	2 3	28 18	14 57	23 19	23 25	13 13			n.a.
S 26	11 21	16 45	3 35	12 42	0 35	7 30	0 43	22 52	1 7	6 25	1 3	15 57	1 41	15 25	0 47	4 29	2 3	28 18	14 58	23 19	23 25	13 11			n.a.
S 27	11 42	20 7	2 37	13 21	0 41	7 13	0 49	23 0	1 7	6 30	1 3	15 55	1 41	15 25	0 47	4 28	2 3	28 18	14 58	23 18	23 25	13 8			n.a.
M28	12 4	22 19	1 33	13 59	0 47	6 57	0 55	23 8	1 8	6 35	1 3	15 54	1 41	15 25	0 47	4 28	2 2	28 18	14 59	23 18	23 25	13 6			n.a.
T 29	12 25	23 15	0 25	14 36	0 53	6 39	1 0	23 15	1 8	6 40	1 3	15 53	1 42	15 25	0 47	4 27	2 2	28 18	14 59	23 18	23 25	13 3			n.a.
W30	12 46	22 59	0s43	15 13	0 59	6 21	1 6	23 23	1 8	6 45	1 3	15 52	1 42	15 25	0 47	4 27	2 2	28 18	15 0	23 18	23 24	13 1			n.a.
T 31	13s 7	21n36	1s47	15s49	1s 5	6n 3	1n11	23s30	1s 8	6s50	1n 3	15n51	1n42	15s25	0s47	4n26	2s 2	28n19	15n 0	23s18	23s24	12n59			n.a.

Julian Day Number = 1626366.5, Delta T = 03h44m30s
Ecliptic obliquity = 23°43'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'48, Lahiri = - 7°32'48 Julian Calendar 1 Oct. 261 BCE == Greg. Calendar 27 Sept. 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

NOVEMBER 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 25 16	5♏21'11	21♋35	10♏58	18♍34	11♐48	19♎59	22♌22	20°R57	15°R50	22♌24	19♐25	20♐44	13♌49	n.a.	F 1
S 2	2 29 12	6°22'12	3♌28	12°32	19°34	12°35	20°12	22°25	20♒57	15♈49	22°25	19°R26	20°41	13°56	n.a.	S 2
S 3	2 33 9	7°23'14	15°18	14° 6	20°34	13°21	20°25	22°29	20°57	15°47	22°26	19°25	20°38	14° 2	n.a.	S 3
M 4	2 37 6	8°24'17	27°11	15°39	21°35	14° 8	20°38	22°33	20°D57	15°45	22°27	19°23	20°35	14° 9	n.a.	M 4
T 5	2 41 2	9°25'21	9♍11	17°13	22°36	14°54	20°51	22°36	20°57	15°44	22°27	19°19	20°32	14°16	n.a.	T 5
W 6	2 44 59	10°26'27	21°21	18°47	23°37	15°41	21° 4	22°39	20°57	15°42	22°28	19°14	20°28	14°23	n.a.	W 6
T 7	2 48 55	11°27'33	3♎47	20°20	24°39	16°28	21°17	22°42	20°57	15°41	22°29	19° 7	20°25	14°29	n.a.	T 7
F 8	2 52 52	12°28'41	16°29	21°54	25°41	17°15	21°30	22°46	20°57	15°39	22°30	19° 0	20°22	14°36	n.a.	F 8
S 9	2 56 48	13°29'50	29°28	23°28	26°44	18° 1	21°43	22°49	20°57	15°38	22°30	18°54	20°19	14°43	n.a.	S 9
S 10	3 0 45	14°30'59	12♏44	25° 1	27°47	18°48	21°55	22°52	20°58	15°37	22°31	18°48	20°16	14°49	n.a.	S 10
M11	3 4 41	15°32'10	26°16	26°35	28°50	19°35	22° 8	22°54	20°58	15°35	22°32	18°45	20°12	14°56	n.a.	M11
T 12	3 8 38	16°33'21	10♐ 0	28° 8	29°54	20°22	22°21	22°57	20°58	15°34	22°32	18°43	20° 9	15° 3	n.a.	T 12
W13	3 12 35	17°34'33	23°55	29°41	0♎58	21° 9	22°34	23° 0	20°59	15°32	22°33	18°D43	20° 6	15° 9	n.a.	W13
T 14	3 16 31	18°35'45	7♑57	1♐15	2° 3	21°56	22°46	23° 2	20°59	15°31	22°33	18°44	20° 3	15°16	n.a.	T 14
F 15	3 20 28	19°36'58	22° 4	2°48	3° 7	22°43	22°59	23° 5	21° 0	15°30	22°34	18°45	20° 0	15°23	n.a.	F 15
S 16	3 24 24	20°38'11	6♒13	4°20	4°12	23°30	23°12	23° 7	21° 0	15°28	22°34	18°47	19°57	15°30	n.a.	S 16
S 17	3 28 21	21°39'24	20°23	5°53	5°17	24°17	23°24	23° 9	21° 1	15°27	22°35	18°R47	19°53	15°36	n.a.	S 17
M18	3 32 17	22°40'37	4♓32	7°25	6°23	25° 4	23°37	23°11	21° 2	15°26	22°35	18°47	19°50	15°43	n.a.	M18
T 19	3 36 14	23°41'50	18°37	8°57	7°29	25°51	23°49	23°13	21° 3	15°24	22°35	18°45	19°47	15°50	n.a.	T 19
W20	3 40 11	24°43'04	2♈38	10°28	8°35	26°38	24° 2	23°15	21° 3	15°23	22°36	18°42	19°44	15°56	n.a.	W20
T 21	3 44 7	25°44'17	16°31	11°58	9°41	27°25	24°14	23°17	21° 4	15°22	22°36	18°39	19°41	16° 3	n.a.	T 21
F 22	3 48 4	26°45'31	0♉14	13°27	10°47	28°12	24°26	23°19	21° 5	15°21	22°36	18°35	19°38	16°10	n.a.	F 22
S 23	3 52 0	27°46'45	13°44	14°55	11°54	28°59	24°38	23°20	21° 6	15°20	22°36	18°32	19°34	16°16	n.a.	S 23
S 24	3 55 57	28°47'59	26°59	16°22	13° 1	29°46	24°51	23°22	21° 7	15°18	22°36	18°30	19°31	16°23	n.a.	S 24
M25	3 59 53	29°49'13	9♊57	17°48	14° 8	0♑33	25° 3	23°23	21° 8	15°17	22°37	18°29	19°28	16°30	n.a.	M25
T 26	4 3 50	0♐50'28	22°40	19°11	15°16	1°20	25°15	23°24	21° 9	15°16	22°37	18°D29	19°25	16°37	n.a.	T 26
W27	4 7 46	1°51'43	5♋ 6	20°32	16°24	2° 7	25°27	23°26	21°11	15°15	22°37	18°29	19°22	16°43	n.a.	W27
T 28	4 11 43	2°52'58	17°18	21°50	17°31	2°55	25°39	23°27	21°12	15°14	22°37	18°31	19°18	16°50	n.a.	T 28
F 29	4 15 40	3°54'13	29°20	23° 5	18°40	3°42	25°51	23°28	21°13	15°13	22°R37	18°32	19°15	16°57	n.a.	F 29
S 30	4 19 36	4♐55'29	11♌14	24♐16	19♎48	4♑29	26♎ 2	23♌28	21♒14	15♈12	22♌37	18♐33	19♐12	17♌ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13 s28	19n15	2 s46	16 s25	1 s11	5n45	1n17	23 s36	1 s 9	6 s55	1n 3	15n50	1n42	15 s25	0 s47	4n25	2 s 2	28n19	15n 1	23 s18	23 s24	12n56		n.a.
S 2	13 48	16 7	3 36	16 59	1 16	5 25	1 22	23 43	1 9	7 0	1 3	15 49	1 42	15 25	0 46	4 25	2 2	28 19	15 1	23 18	23 24	12 54		n.a.
S 3	14 8	12 21	4 17	17 33	1 21	5 6	1 26	23 49	1 9	7 5	1 3	15 48	1 43	15 25	0 46	4 24	2 2	28 19	15 2	23 18	23 23	12 51		n.a.
M 4	14 28	8 6	4 47	18 6	1 27	4 46	1 31	23 55	1 9	7 10	1 3	15 47	1 43	15 25	0 46	4 24	2 2	28 19	15 2	23 18	23 23	12 49		n.a.
T 5	14 48	3 31	5 5	18 38	1 32	4 26	1 35	24 1	1 9	7 15	1 3	15 46	1 43	15 25	0 46	4 23	2 2	28 19	15 3	23 17	23 23	12 46		n.a.
W 6	15 8	1 s16	5 10	19 10	1 37	4 5	1 40	24 6	1 10	7 20	1 3	15 45	1 43	15 25	0 46	4 23	2 2	28 20	15 3	23 17	23 23	12 44		n.a.
T 7	15 27	6 6	5 0	19 40	1 41	3 44	1 44	24 11	1 10	7 25	1 3	15 44	1 44	15 25	0 46	4 22	2 2	28 20	15 4	23 16	23 23	12 42		n.a.
F 8	15 46	10 47	4 36	20 9	1 46	3 23	1 48	24 16	1 10	7 30	1 3	15 44	1 44	15 25	0 46	4 21	2 2	28 20	15 4	23 16	23 22	12 39		n.a.
S 9	16 5	15 6	3 56	20 38	1 50	3 1	1 52	24 21	1 10	7 35	1 3	15 43	1 44	15 25	0 46	4 21	2 2	28 20	15 5	23 15	23 22	12 37		n.a.
S 10	16 23	18 45	3 4	21 5	1 54	2 39	1 55	24 25	1 10	7 40	1 3	15 42	1 44	15 25	0 46	4 20	2 2	28 21	15 6	23 15	23 22	12 34		n.a.
M11	16 41	21 29	2 0	21 31	1 57	2 17	1 59	24 29	1 10	7 44	1 3	15 41	1 45	15 24	0 46	4 20	2 2	28 21	15 6	23 15	23 22	12 32		n.a.
T 12	16 59	23 0	0 47	21 56	2 1	1 54	2 2	24 33	1 11	7 49	1 3	15 41	1 45	15 24	0 46	4 19	2 2	28 21	15 7	23 14	23 21	12 29		n.a.
W13	17 17	23 7	0n28	22 20	2 4	1 31	2 5	24 36	1 11	7 54	1 4	15 40	1 45	15 24	0 46	4 19	2 2	28 22	15 7	23 14	23 21	12 27		n.a.
T 14	17 34	21 46	1 43	22 43	2 6	1 8	2 8	24 39	1 11	7 59	1 4	15 39	1 45	15 24	0 46	4 18	2 2	28 22	15 8	23 14	23 21	12 25		n.a.
F 15	17 51	19 3	2 53	23 4	2 9	0 44	2 11	24 42	1 11	8 3	1 4	15 39	1 46	15 24	0 46	4 18	2 2	28 22	15 8	23 15	23 21	12 22		n.a.
S 16	18 7	15 12	3 52	23 24	2 11	0 21	2 13	24 45	1 11	8 8	1 4	15 38	1 46	15 23	0 46	4 17	2 2	28 23	15 9	23 15	23 20	12 20		n.a.
S 17	18 24	10 30	4 36	23 43	2 12	0 s 3	2 16	24 47	1 11	8 13	1 4	15 38	1 46	15 23	0 46	4 17	2 2	28 23	15 9	23 15	23 20	12 17		n.a.
M18	18 40	5 15	5 4	24 0	2 13	0 27	2 18	24 49	1 11	8 17	1 4	15 37	1 46	15 23	0 46	4 16	2 2	28 23	15 10	23 15	23 20	12 15		n.a.
T 19	18 55	0n15	5 14	24 15	2 14	0 51	2 20	24 51	1 11	8 22	1 4	15 37	1 47	15 23	0 46	4 16	2 2	28 24	15 10	23 15	23 20	12 12		n.a.
W20	19 10	5 43	5 5	24 29	2 14	1 16	2 22	24 52	1 11	8 27	1 4	15 37	1 47	15 22	0 46	4 16	2 2	28 24	15 11	23 14	23 19	12 10		n.a.
T 21	19 25	10 50	4 38	24 42	2 13	1 40	2 24	24 53	1 11	8 31	1 4	15 36	1 47	15 22	0 46	4 15	2 2	28 24	15 11	23 14	23 19	12 7		n.a.
F 22	19 40	15 21	3 55	24 52	2 12	2 5	2 26	24 54	1 11	8 36	1 4	15 36	1 47	15 22	0 46	4 15	2 2	28 25	15 12	23 14	23 19	12 5		n.a.
S 23	19 54	19 0	3 0	25 1	2 11	2 30	2 28	24 55	1 12	8 40	1 4	15 36	1 48	15 21	0 46	4 14	2 2	28 25	15 13	23 14	23 19	12 3		n.a.
S 24	20 8	21 36	1 56	25 9	2 8	2 55	2 29	24 55	1 12	8 45	1 4	15 35	1 48	15 21	0 46	4 14	2 2	28 26	15 13	23 13	23 18	12 0		n.a.
M25	20 21	22 59	0 47	25 14	2 5	3 20	2 30	24 55	1 12	8 49	1 4	15 35	1 48	15 21	0 46	4 14	2 1	28 26	15 14	23 13	23 18	11 58		n.a.
T 26	20 34	23 8	0 s23	25 18	2 1	3 45	2 31	24 55	1 12	8 53	1 4	15 35	1 49	15 20	0 46	4 13	2 1	28 27	15 14	23 13	23 18	11 55		n.a.
W27	20 47	22 7	1 31	25 19	1 57	4 11	2 32	24 54	1 12	8 58	1 4	15 35	1 49	15 20	0 46	4 13	2 1	28 27	15 15	23 13	23 18	11 53		n.a.
T 28	20 59	20 4	2 33	25 19	1 51	4 36	2 33	24 53	1 12	9 2	1 4	15 35	1 49	15 19	0 45	4 12	2 1	28 28	15 15	23 13	23 17	11 50		n.a.
F 29	21 11	17 9	3 27	25 17	1 45	5 2	2 34	24 52	1 12	9 7	1 4	15 35	1 49	15 19	0 45	4 12	2 1	28 28	15 16	23 13	23 17	11 48		n.a.
S 30	21 s22	13n34	4 s12	25 s13	1 s37	5 s27	2n35	24 s51	1 s12	9 s11	1n 4	15n35	1n50	15 s18	0 s45	4n12	2 s 1	28n29	15n16	23 s14	23 s17	11n45		n.a.

Julian Day Number = 1626397.5, Delta T = 03h44m29s
Ecliptic obliquity = 23°43'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'44, Lahiri = - 7°32'44 Julian Calendar 1 Nov. 261 BCE == Greg. Calendar 28 Oct. 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 261 BCE
geocentric

DECEMBER 261 BCE (-260) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 23 33	5♐56'44	23♌ 5	25♐23	20♎56	5♑16	26♎14	23♌29	21♒16	15°R11	22°R37	18♐34	19♐ 9	17♌10	n.a.	S 1
M 2	4 27 29	6°58'00	4♍58	26°25	22° 5	6° 3	26°26	23°30	21°17	15♈10	22♌37	18°R35	19° 6	17°17	n.a.	M 2
T 3	4 31 26	7°59'16	16°57	27°21	23°14	6°51	26°37	23°30	21°19	15° 9	22°37	18°35	19° 3	17°23	n.a.	T 3
W 4	4 35 22	9° 0'32	29° 7	28°10	24°23	7°38	26°49	23°31	21°20	15° 9	22°36	18°34	18°59	17°30	n.a.	W 4
T 5	4 39 19	10° 1'48	11♎32	28°52	25°32	8°25	27° 0	23°31	21°22	15° 8	22°36	18°33	18°56	17°37	n.a.	T 5
F 6	4 43 15	11° 3'05	24°16	29°25	26°41	9°12	27°12	23°31	21°23	15° 7	22°36	18°32	18°53	17°44	n.a.	F 6
S 7	4 47 12	12° 4'21	7♏22	29°49	27°50	10° 0	27°23	23°R31	21°25	15° 6	22°36	18°31	18°50	17°50	n.a.	S 7
S 8	4 51 9	13° 5'37	20°50	0♑ 2	29° 0	10°47	27°34	23°31	21°26	15° 5	22°35	18°30	18°47	17°57	n.a.	S 8
M 9	4 55 5	14° 6'53	4♐40	0°R 5	0♏10	11°34	27°46	23°31	21°28	15° 5	22°35	18°30	18°44	18° 4	n.a.	M 9
T 10	4 59 2	15° 8'09	18°49	29♐56	1°20	12°21	27°57	23°31	21°30	15° 4	22°35	18°D30	18°40	18°10	n.a.	T 10
W11	5 2 58	16° 9'24	3♑12	29°35	2°29	13° 9	28° 8	23°30	21°32	15° 3	22°34	18°30	18°37	18°17	n.a.	W11
T 12	5 6 55	17°10'38	17°43	29° 3	3°40	13°56	28°18	23°30	21°34	15° 3	22°34	18°30	18°34	18°24	n.a.	T 12
F 13	5 10 51	18°11'52	2♒18	28°19	4°50	14°43	28°29	23°29	21°36	15° 2	22°33	18°R30	18°31	18°30	n.a.	F 13
S 14	5 14 48	19°13'05	16°51	27°25	6° 0	15°30	28°40	23°29	21°38	15° 2	22°33	18°30	18°28	18°37	n.a.	S 14
S 15	5 18 45	20°14'18	1♓15	26°22	7°10	16°18	28°51	23°28	21°40	15° 1	22°32	18°30	18°24	18°44	n.a.	S 15
M16	5 22 41	21°15'29	15°29	25°11	8°21	17° 5	29° 1	23°27	21°42	15° 1	22°32	18°D30	18°21	18°51	n.a.	M16
T 17	5 26 38	22°16'39	29°29	23°56	9°32	17°52	29°12	23°26	21°44	15° 0	22°31	18°30	18°18	18°57	n.a.	T 17
W18	5 30 34	23°17'48	13♈15	22°38	10°42	18°40	29°22	23°25	21°46	15° 0	22°31	18°30	18°15	19° 4	n.a.	W18
T 19	5 34 31	24°18'56	26°46	21°20	11°53	19°27	29°32	23°23	21°48	14°59	22°30	18°31	18°12	19°11	n.a.	T 19
F 20	5 38 27	25°20'04	10♉ 3	20° 5	13° 4	20°14	29°42	23°22	21°50	14°59	22°29	18°31	18° 9	19°17	n.a.	F 20
S 21	5 42 24	26°21'10	23° 7	18°53	14°15	21° 1	29°52	23°21	21°52	14°59	22°29	18°32	18° 5	19°24	n.a.	S 21
S 22	5 46 20	27°22'15	5♊57	17°48	15°26	21°48	0♏ 2	23°19	21°55	14°58	22°28	18°33	18° 2	19°31	n.a.	S 22
M23	5 50 17	28°23'20	18°35	16°50	16°37	22°36	0°12	23°18	21°57	14°58	22°27	18°R33	17°59	19°38	n.a.	M23
T 24	5 54 14	29°24'23	1♋ 1	16° 0	17°48	23°23	0°22	23°16	21°59	14°58	22°26	18°33	17°56	19°44	n.a.	T 24
W25	5 58 10	0♑25'25	13°17	15°19	19° 0	24°10	0°31	23°14	22° 2	14°58	22°26	18°32	17°53	19°51	n.a.	W25
T 26	6 2 7	1°26'27	25°23	14°47	20°11	24°57	0°41	23°12	22° 4	14°58	22°25	18°30	17°50	19°58	n.a.	T 26
F 27	6 6 3	2°27'27	7♌22	14°24	21°23	25°44	0°50	23°10	22° 7	14°58	22°24	18°28	17°46	20° 4	n.a.	F 27
S 28	6 10 0	3°28'27	19°16	14°10	22°34	26°32	1° 0	23° 8	22° 9	14°57	22°23	18°26	17°43	20°11	n.a.	S 28
S 29	6 13 56	4°29'25	1♍ 7	14°D 4	23°46	27°19	1° 9	23° 6	22°12	14°57	22°22	18°23	17°40	20°18	n.a.	S 29
M30	6 17 53	5°30'23	12°59	14° 6	24°58	28° 6	1°18	23° 3	22°14	14°D57	22°21	18°21	17°37	20°25	n.a.	M30
T 31	6 21 49	6♑31'20	24♍56	14♐16	26♏ 9	28♑53	1♏27	23♌ 1	22♒17	14♈57	22♌20	18♐20	17♐34	20♌31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21s33	9n29	4s46	25s 7	1s29	5s52	2n35	24s49	1s12	9s15	1n 4	15n35	1n50	15s18	0s45	4n11	2s 1	28n29	15n17	23s14	23s17	11n43			n.a.
M 2	21 44	5 2	5 8	25 0	1 19	6 18	2 35	24 47	1 12	9 19	1 4	15 35	1 50	15 17	0 45	4 11	2 1	28 30	15 17	23 14	23 16	11 40			n.a.
T 3	21 54	0 22	5 17	24 50	1 8	6 43	2 36	24 44	1 12	9 23	1 4	15 35	1 50	15 17	0 45	4 11	2 1	28 30	15 18	23 14	23 16	11 38			n.a.
W 4	22 4	4s24	5 12	24 39	0 56	7 9	2 36	24 42	1 12	9 28	1 4	15 35	1 51	15 16	0 45	4 11	2 1	28 31	15 18	23 14	23 16	11 35			n.a.
T 5	22 13	9 5	4 52	24 26	0 43	7 34	2 36	24 39	1 11	9 32	1 4	15 35	1 51	15 16	0 45	4 10	2 1	28 31	15 19	23 14	23 16	11 33			n.a.
F 6	22 22	13 30	4 18	24 12	0 29	8 0	2 36	24 35	1 11	9 36	1 4	15 35	1 51	15 15	0 45	4 10	2 1	28 32	15 19	23 13	23 15	11 31			n.a.
S 7	22 31	17 25	3 29	23 57	0 13	8 25	2 35	24 32	1 11	9 40	1 5	15 35	1 51	15 15	0 45	4 10	2 1	28 33	15 20	23 13	23 15	11 28			n.a.
S 8	22 39	20 33	2 28	23 40	0n 4	8 50	2 35	24 28	1 11	9 44	1 5	15 36	1 52	15 14	0 45	4 10	2 1	28 33	15 21	23 13	23 15	11 26			n.a.
M 9	22 46	22 34	1 16	23 22	0 21	9 15	2 34	24 24	1 11	9 48	1 5	15 36	1 52	15 14	0 45	4 9	2 1	28 34	15 21	23 13	23 14	11 23			n.a.
T 10	22 53	23 13	0n 2	23 4	0 40	9 40	2 34	24 19	1 11	9 52	1 5	15 36	1 52	15 13	0 45	4 9	2 1	28 34	15 22	23 13	23 14	11 21			n.a.
W11	23 0	22 21	1 21	22 45	0 59	10 5	2 33	24 15	1 11	9 56	1 5	15 37	1 52	15 12	0 45	4 9	2 1	28 35	15 22	23 13	23 14	11 18			n.a.
T 12	23 6	19 58	2 35	22 25	1 18	10 30	2 32	24 10	1 11	9 59	1 5	15 37	1 53	15 12	0 45	4 9	2 0	28 36	15 23	23 13	23 14	11 16			n.a.
F 13	23 12	16 19	3 40	22 5	1 38	10 55	2 31	24 5	1 11	10 3	1 5	15 38	1 53	15 11	0 45	4 9	2 0	28 36	15 23	23 13	23 13	11 13			n.a.
S 14	23 17	11 41	4 30	21 45	1 57	11 19	2 30	23 59	1 11	10 7	1 5	15 38	1 53	15 10	0 45	4 8	2 0	28 37	15 24	23 13	23 13	11 11			n.a.
S 15	23 22	6 26	5 3	21 26	2 15	11 43	2 29	23 53	1 11	10 11	1 5	15 39	1 54	15 10	0 45	4 8	2 0	28 37	15 24	23 13	23 13	11 8			n.a.
M16	23 26	0 56	5 17	21 7	2 32	12 7	2 28	23 47	1 10	10 14	1 5	15 39	1 54	15 9	0 45	4 8	2 0	28 38	15 25	23 13	23 13	11 6			n.a.
T 17	23 30	4n33	5 12	20 48	2 47	12 31	2 27	23 41	1 10	10 18	1 5	15 40	1 54	15 8	0 45	4 8	2 0	28 39	15 25	23 13	23 12	11 3			n.a.
W18	23 33	9 42	4 48	20 31	3 0	12 55	2 25	23 34	1 10	10 22	1 5	15 40	1 54	15 8	0 45	4 8	2 0	28 39	15 26	23 13	23 12	11 1			n.a.
T 19	23 36	14 18	4 10	20 16	3 11	13 18	2 24	23 27	1 10	10 25	1 5	15 41	1 55	15 7	0 45	4 8	2 0	28 40	15 26	23 13	23 12	10 58			n.a.
F 20	23 39	18 8	3 18	20 2	3 20	13 41	2 22	23 20	1 10	10 29	1 6	15 42	1 55	15 6	0 45	4 8	2 0	28 41	15 27	23 13	23 11	10 56			n.a.
S 21	23 40	20 58	2 17	19 50	3 26	14 4	2 20	23 13	1 10	10 32	1 6	15 42	1 55	15 5	0 45	4 8	2 0	28 42	15 27	23 13	23 11	10 53			n.a.
S 22	23 42	22 42	1 9	19 41	3 29	14 27	2 19	23 5	1 10	10 36	1 6	15 43	1 55	15 5	0 45	4 8	2 0	28 42	15 28	23 14	23 11	10 51			n.a.
M23	23 43	23 14	0s 0	19 34	3 31	14 49	2 17	22 57	1 9	10 39	1 6	15 44	1 56	15 4	0 45	4 8	2 0	28 43	15 28	23 14	23 11	10 48			n.a.
T 24	23 43	22 35	1 9	19 30	3 30	15 11	2 15	22 49	1 9	10 42	1 6	15 45	1 56	15 3	0 45	4 8	2 0	28 44	15 28	23 14	23 10	10 46			n.a.
W25	23 44	20 51	2 13	19 28	3 27	15 33	2 13	22 40	1 9	10 46	1 6	15 46	1 56	15 2	0 45	4 8	2 0	28 44	15 29	23 13	23 10	10 43			n.a.
T 26	23 43	18 12	3 10	19 29	3 23	15 54	2 11	22 31	1 9	10 49	1 6	15 46	1 56	15 1	0 45	4 8	2 0	28 45	15 29	23 13	23 10	10 41			n.a.
F 27	23 42	14 48	3 58	19 32	3 17	16 15	2 9	22 22	1 9	10 52	1 6	15 47	1 57	15 0	0 45	4 8	2 0	28 46	15 30	23 13	23 9	10 39			n.a.
S 28	23 41	10 51	4 36	19 37	3 11	16 36	2 6	22 13	1 8	10 55	1 6	15 48	1 57	15 0	0 45	4 8	1 59	28 47	15 30	23 13	23 9	10 36			n.a.
S 29	23 39	6 31	5 2	19 44	3 3	16 56	2 4	22 4	1 8	10 59	1 6	15 49	1 57	14 59	0 44	4 8	1 59	28 47	15 31	23 13	23 9	10 34			n.a.
M30	23 37	1 56	5 14	19 53	2 54	17 16	2 2	21 54	1 8	11 2	1 7	15 50	1 57	14 58	0 44	4 8	1 59	28 48	15 31	23 13	23 8	10 31			n.a.
T 31	23s34	2s45	5s14	20s 3	2n45	17s35	1n59	21s44	1s 8	11s 5	1n 7	15n51	1n57	14s57	0s44	4n 8	1s59	28n49	15n32	23s12	23s 8	10n29			n.a.

Julian Day Number = 1626427.5, Delta T = 03h44m28s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'40, Lahiri = - 7°32'39 Julian Calendar 1 Dec. 261 BCE == Greg. Calendar 27 Nov. 261 BCE

The year -260 astronomical counting style corresponds to year 261 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

JANUARY 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 25 46	7♑32'15	7♎ 3	14♐32	27♏21	29♑40	1♏36	22°R58	22♒19	14♈57	22°R19	18°D19	17♐30	20♌38	n.a.	W 1
T 2	6 29 43	8°33'10	19°24	14°55	28°33	0♒27	1°44	22♌56	22°22	14°58	22♌18	18♐20	17°27	20°45	n.a.	T 2
F 3	6 33 39	9°34'04	2♏ 4	15°23	29°45	1°14	1°53	22°53	22°25	14°58	22°17	18°21	17°24	20°51	n.a.	F 3
S 4	6 37 36	10°34'57	15° 7	15°57	0♐57	2° 1	2° 2	22°50	22°28	14°58	22°16	18°22	17°21	20°58	n.a.	S 4
S 5	6 41 32	11°35'49	28°35	16°36	2° 9	2°48	2°10	22°47	22°30	14°58	22°15	18°24	17°18	21° 5	n.a.	S 5
M 6	6 45 29	12°36'39	12♐29	17°19	3°21	3°35	2°18	22°44	22°33	14°58	22°14	18°R25	17°15	21°11	n.a.	M 6
T 7	6 49 25	13°37'29	26°49	18° 6	4°33	4°22	2°26	22°41	22°36	14°59	22°13	18°25	17°11	21°18	n.a.	T 7
W 8	6 53 22	14°38'17	11♑31	18°57	5°46	5° 9	2°34	22°38	22°39	14°59	22°11	18°23	17° 8	21°25	n.a.	W 8
T 9	6 57 19	15°39'04	26°27	19°51	6°58	5°56	2°42	22°35	22°42	14°59	22°10	18°21	17° 5	21°32	n.a.	T 9
F 10	7 1 15	16°39'49	11♒29	20°48	8°10	6°43	2°50	22°32	22°45	15° 0	22° 9	18°17	17° 2	21°38	n.a.	F 10
S 11	7 5 12	17°40'33	26°29	21°48	9°22	7°30	2°57	22°28	22°47	15° 0	22° 8	18°12	16°59	21°45	n.a.	S 11
S 12	7 9 8	18°41'14	11♓17	22°51	10°35	8°17	3° 5	22°25	22°50	15° 1	22° 6	18° 8	16°56	21°52	n.a.	S 12
M13	7 13 5	19°41'54	25°47	23°56	11°47	9° 4	3°12	22°21	22°53	15° 1	22° 5	18° 5	16°52	21°58	n.a.	M13
T 14	7 17 1	20°42'32	9♈55	25° 3	13° 0	9°51	3°19	22°18	22°56	15° 2	22° 4	18° 3	16°49	22° 5	n.a.	T 14
W15	7 20 58	21°43'08	23°41	26°13	14°12	10°37	3°26	22°14	22°59	15° 2	22° 3	18°D 3	16°46	22°12	n.a.	W15
T 16	7 24 54	22°43'42	7♉ 4	27°24	15°25	11°24	3°33	22°10	23° 3	15° 3	22° 1	18° 3	16°43	22°19	n.a.	T 16
F 17	7 28 51	23°44'14	20° 7	28°37	16°37	12°11	3°39	22° 6	23° 6	15° 3	22° 0	18° 5	16°40	22°25	n.a.	F 17
S 18	7 32 47	24°44'44	2♊52	29°52	17°50	12°58	3°46	22° 2	23° 9	15° 4	21°58	18° 7	16°36	22°32	n.a.	S 18
S 19	7 36 44	25°45'13	15°24	1♋ 8	19° 2	13°44	3°52	21°59	23°12	15° 5	21°57	18°R 7	16°33	22°39	n.a.	S 19
M20	7 40 41	26°45'39	27°44	2°26	20°15	14°31	3°58	21°55	23°15	15° 5	21°56	18° 7	16°30	22°45	n.a.	M20
T 21	7 44 37	27°46'04	9♌55	3°46	21°27	15°18	4° 5	21°51	23°18	15° 6	21°54	18° 5	16°27	22°52	n.a.	T 21
W22	7 48 34	28°46'26	21°59	5° 6	22°40	16° 4	4°10	21°46	23°21	15° 7	21°53	18° 0	16°24	22°59	n.a.	W22
T 23	7 52 30	29°46'47	3♍57	6°29	23°53	16°51	4°16	21°42	23°25	15° 8	21°51	17°54	16°21	23° 6	n.a.	T 23
F 24	7 56 27	0♒47'06	15°52	7°52	25° 6	17°37	4°22	21°38	23°28	15° 9	21°50	17°46	16°17	23°12	n.a.	F 24
S 25	8 0 23	1°47'23	27°44	9°17	26°18	18°24	4°27	21°34	23°31	15° 9	21°48	17°37	16°14	23°19	n.a.	S 25
S 26	8 4 20	2°47'38	9♎36	10°43	27°31	19°10	4°33	21°29	23°34	15°10	21°47	17°29	16°11	23°26	n.a.	S 26
M27	8 8 16	3°47'52	21°30	12°10	28°44	19°57	4°38	21°25	23°37	15°11	21°45	17°21	16° 8	23°32	n.a.	M27
T 28	8 12 13	4°48'04	3♏28	13°38	29°57	20°43	4°43	21°21	23°41	15°12	21°44	17°14	16° 5	23°39	n.a.	T 28
W29	8 16 10	5°48'14	15°34	15° 7	1♋ 9	21°29	4°48	21°16	23°44	15°13	21°42	17°10	16° 1	23°46	n.a.	W29
T 30	8 20 6	6°48'23	27°52	16°38	2°22	22°16	4°52	21°12	23°47	15°14	21°41	17° 7	15°58	23°53	n.a.	T 30
F 31	8 24 3	7♒48'29	10♏26	18♋ 9	3♑35	23♒ 2	4♏57	21♌ 7	23♒51	15♈15	21♌39	17°D 7	15♐55	23♌59	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s31	7s24	4s59	20s14	2n36	17s54	1n57	21s34	1s 7	11s 8	1n 7	15n52	1n58	14s56	0s44	4n 8	1s59	28n49	15n32	23s12	23s 8	10n26			n.a.
T 2	23 27	11 51	4 31	20 27	2 26	18 13	1 54	21 23	1 7	11 11	1 7	15 53	1 58	14 55	0 44	4 8	1 59	28 50	15 32	23 12	23 8	10 24			n.a.
F 3	23 23	15 54	3 48	20 40	2 16	18 31	1 52	21 13	1 7	11 14	1 7	15 55	1 58	14 54	0 44	4 8	1 59	28 51	15 33	23 12	23 7	10 21			n.a.
S 4	23 18	19 19	2 53	20 54	2 5	18 49	1 49	21 2	1 7	11 16	1 7	15 56	1 58	14 53	0 44	4 8	1 59	28 52	15 33	23 13	23 7	10 19			n.a.
S 5	23 13	21 49	1 47	21 8	1 55	19 6	1 46	20 51	1 6	11 19	1 7	15 57	1 59	14 52	0 44	4 8	1 59	28 52	15 34	23 13	23 7	10 16			n.a.
M 6	23 7	23 6	0 33	21 23	1 44	19 23	1 44	20 39	1 6	11 22	1 7	15 58	1 59	14 52	0 44	4 9	1 59	28 53	15 34	23 13	23 6	10 14			n.a.
T 7	23 1	22 55	0n46	21 38	1 34	19 39	1 41	20 28	1 6	11 25	1 7	15 59	1 59	14 51	0 44	4 9	1 59	28 54	15 34	23 13	23 6	10 11			n.a.
W 8	22 55	21 10	2 4	21 52	1 24	19 55	1 38	20 16	1 6	11 27	1 8	16 1	1 59	14 50	0 44	4 9	1 59	28 55	15 35	23 13	23 6	10 9			n.a.
T 9	22 48	17 57	3 14	22 7	1 13	20 10	1 35	20 4	1 5	11 30	1 8	16 2	2 0	14 49	0 44	4 9	1 59	28 55	15 35	23 12	23 5	10 6			n.a.
F 10	22 40	13 31	4 11	22 21	1 3	20 25	1 32	19 52	1 5	11 32	1 8	16 3	2 0	14 48	0 44	4 9	1 59	28 56	15 35	23 12	23 5	10 4			n.a.
S 11	22 33	8 17	4 51	22 35	0 53	20 39	1 29	19 39	1 5	11 35	1 8	16 4	2 0	14 47	0 44	4 10	1 58	28 57	15 36	23 12	23 5	10 1			n.a.
S 12	22 24	2 38	5 10	22 49	0 43	20 53	1 26	19 27	1 4	11 37	1 8	16 6	2 0	14 46	0 44	4 10	1 58	28 58	15 36	23 11	23 4	9 59			n.a.
M13	22 16	3n 2	5 10	23 2	0 33	21 6	1 23	19 14	1 4	11 40	1 8	16 7	2 0	14 45	0 44	4 10	1 58	28 59	15 36	23 11	23 4	9 56			n.a.
T 14	22 7	8 25	4 50	23 14	0 24	21 18	1 20	19 1	1 4	11 42	1 8	16 9	2 1	14 44	0 44	4 10	1 58	28 59	15 37	23 11	23 4	9 54			n.a.
W15	21 57	13 14	4 14	23 26	0 15	21 30	1 17	18 48	1 3	11 44	1 8	16 10	2 1	14 43	0 44	4 11	1 58	29 0	15 37	23 11	23 4	9 51			n.a.
T 16	21 47	17 16	3 25	23 36	0 6	21 41	1 14	18 35	1 3	11 46	1 9	16 11	2 1	14 42	0 44	4 11	1 58	29 1	15 37	23 11	23 3	9 49			n.a.
F 17	21 37	20 20	2 27	23 46	0s 3	21 52	1 11	18 21	1 3	11 49	1 9	16 13	2 1	14 41	0 44	4 11	1 58	29 2	15 38	23 11	23 3	9 46			n.a.
S 18	21 26	22 20	1 22	23 55	0 12	22 2	1 8	18 7	1 2	11 51	1 9	16 14	2 1	14 39	0 44	4 12	1 58	29 2	15 38	23 11	23 3	9 44			n.a.
S 19	21 15	23 10	0 15	24 4	0 20	22 12	1 5	17 53	1 2	11 53	1 9	16 16	2 1	14 38	0 44	4 12	1 58	29 3	15 38	23 11	23 2	9 41			n.a.
M20	21 3	22 50	0s52	24 11	0 28	22 21	1 1	17 39	1 2	11 55	1 9	16 17	2 2	14 37	0 44	4 12	1 58	29 4	15 39	23 11	23 2	9 38			n.a.
T 21	20 51	21 26	1 56	24 17	0 36	22 29	0 58	17 25	1 1	11 57	1 9	16 19	2 2	14 36	0 44	4 13	1 58	29 5	15 39	23 11	23 2	9 36			n.a.
W22	20 39	19 3	2 53	24 21	0 44	22 36	0 55	17 11	1 1	11 59	1 9	16 20	2 2	14 35	0 44	4 13	1 58	29 5	15 39	23 11	23 1	9 33			n.a.
T 23	20 26	15 53	3 43	24 25	0 51	22 43	0 52	16 56	1 1	12 0	1 9	16 22	2 2	14 34	0 44	4 13	1 58	29 6	15 39	23 10	23 1	9 31			n.a.
F 24	20 13	12 6	4 22	24 27	0 58	22 50	0 49	16 42	1 0	12 2	1 10	16 23	2 2	14 33	0 44	4 14	1 58	29 7	15 40	23 9	23 1	9 28			n.a.
S 25	20 0	7 52	4 50	24 29	1 5	22 55	0 45	16 27	1 0	12 4	1 10	16 25	2 2	14 32	0 44	4 14	1 58	29 8	15 40	23 9	23 0	9 26			n.a.
S 26	19 46	3 22	5 5	24 28	1 11	23 0	0 42	16 12	1 0	12 6	1 10	16 26	2 3	14 31	0 44	4 15	1 57	29 8	15 40	23 8	23 0	9 23			n.a.
M27	19 32	1s17	5 7	24 27	1 17	23 4	0 39	15 57	0 59	12 7	1 10	16 28	2 3	14 30	0 44	4 15	1 57	29 9	15 40	23 7	23 0	9 21			n.a.
T 28	19 18	5 54	4 56	24 24	1 23	23 8	0 36	15 41	0 59	12 9	1 10	16 30	2 3	14 29	0 44	4 15	1 57	29 10	15 41	23 6	22 59	9 18			n.a.
W29	19 3	10 21	4 31	24 20	1 29	23 11	0 32	15 26	0 58	12 10	1 10	16 31	2 3	14 28	0 44	4 16	1 57	29 11	15 41	23 6	22 59	9 16			n.a.
T 30	18 48	14 28	3 54	24 14	1 34	23 13	0 29	15 10	0 58	12 12	1 10	16 33	2 3	14 26	0 44	4 16	1 57	29 11	15 41	23 6	22 59	9 13			n.a.
F 31	18s32	18s 2	3s 4	24s 6	1s39	23s15	0n26	14s54	0s58	12s13	1n11	16n34	2n 3	14s25	0s44	4n17	1s57	29n12	15n41	23s 6	22s58	9n11			n.a.

Julian Day Number = 1626458.5, Delta T = 03h44m27s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'36, Lahiri = - 7°32'35 Julian Calendar 1 Jan. 260 BCE == Greg. Calendar 28 Dec. 261 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

FEBRUARY 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 27 59	8♒48'35	23♏21	19♑42	4♑48	23♒48	5♏ 1	21°R 3	23♒54	15♈16	21°R38	17♐ 8	15♐52	24♌ 6	n.a.	S 1
S 2	8 31 56	9°48'38	6♐41	21°16	6° 1	24°34	5° 5	20♌58	23°57	15°18	21♌36	17° 9	15°49	24°13	n.a.	S 2
M 3	8 35 52	10°48'40	20°28	22°51	7°14	25°21	5° 9	20°54	24° 1	15°19	21°35	17°R 9	15°46	24°19	n.a.	M 3
T 4	8 39 49	11°48'40	4♑45	24°27	8°27	26° 7	5°13	20°49	24° 4	15°20	21°33	17° 8	15°42	24°26	n.a.	T 4
W 5	8 43 45	12°48'38	19°28	26° 4	9°40	26°53	5°16	20°44	24° 7	15°21	21°31	17° 4	15°39	24°33	n.a.	W 5
T 6	8 47 42	13°48'35	4♒32	27°43	10°53	27°39	5°20	20°40	24°11	15°22	21°30	16°58	15°36	24°40	n.a.	T 6
F 7	8 51 39	14°48'29	19°48	29°22	12° 6	28°25	5°23	20°35	24°14	15°24	21°28	16°50	15°33	24°46	n.a.	F 7
S 8	8 55 35	15°48'21	5♓ 6	1♒ 3	13°19	29°11	5°26	20°30	24°18	15°25	21°27	16°41	15°30	24°53	n.a.	S 8
S 9	8 59 32	16°48'11	20°14	2°44	14°32	29°57	5°29	20°26	24°21	15°26	21°25	16°32	15°27	25° 0	n.a.	S 9
M10	9 3 28	17°47'59	5♈ 3	4°27	15°45	0♓43	5°32	20°21	24°24	15°28	21°23	16°24	15°23	25° 6	n.a.	M10
T 11	9 7 25	18°47'44	19°26	6°11	16°58	1°29	5°34	20°16	24°28	15°29	21°22	16°18	15°20	25°13	n.a.	T 11
W12	9 11 21	19°47'27	3♉21	7°57	18°11	2°14	5°37	20°11	24°31	15°31	21°20	16°15	15°17	25°20	n.a.	W12
T 13	9 15 18	20°47'08	16°47	9°43	19°24	3° 0	5°39	20° 7	24°35	15°32	21°19	16°D14	15°14	25°27	n.a.	T 13
F 14	9 19 14	21°46'46	29°48	11°31	20°37	3°46	5°41	20° 2	24°38	15°33	21°17	16°14	15°11	25°33	n.a.	F 14
S 15	9 23 11	22°46'22	12♊28	13°20	21°50	4°32	5°43	19°57	24°42	15°35	21°15	16°R14	15° 7	25°40	n.a.	S 15
S 16	9 27 8	23°45'55	24°50	15°10	23° 3	5°17	5°44	19°53	24°45	15°36	21°14	16°14	15° 4	25°47	n.a.	S 16
M17	9 31 4	24°45'26	7♋ 0	17° 1	24°16	6° 3	5°46	19°48	24°48	15°38	21°12	16°12	15° 1	25°53	n.a.	M17
T 18	9 35 1	25°44'55	19° 1	18°54	25°30	6°48	5°47	19°43	24°52	15°40	21°10	16° 7	14°58	26° 0	n.a.	T 18
W19	9 38 57	26°44'21	0♌57	20°47	26°43	7°34	5°48	19°38	24°55	15°41	21° 9	16° 0	14°55	26° 7	n.a.	W19
T 20	9 42 54	27°43'45	12°49	22°42	27°56	8°19	5°49	19°34	24°59	15°43	21° 7	15°50	14°52	26°14	n.a.	T 20
F 21	9 46 50	28°43'07	24°41	24°39	29° 9	9° 5	5°49	19°29	25° 2	15°44	21° 6	15°37	14°48	26°20	n.a.	F 21
S 22	9 50 47	29°42'27	6♍34	26°36	0♒22	9°50	5°50	19°25	25° 6	15°46	21° 4	15°24	14°45	26°27	n.a.	S 22
S 23	9 54 43	0♓41'44	18°28	28°35	1°35	10°35	5°50	19°20	25° 9	15°48	21° 2	15°10	14°42	26°34	n.a.	S 23
M24	9 58 40	1°41'00	0♎26	0♓34	2°48	11°21	5°R50	19°15	25°12	15°50	21° 1	14°57	14°39	26°40	n.a.	M24
T 25	10 2 36	2°40'13	12°29	2°35	4° 1	12° 6	5°50	19°11	25°16	15°51	20°59	14°46	14°36	26°47	n.a.	T 25
W26	10 6 33	3°39'24	24°40	4°36	5°15	12°51	5°50	19° 6	25°19	15°53	20°58	14°38	14°33	26°54	n.a.	W26
T 27	10 10 30	4°38'34	7♏ 0	6°38	6°28	13°36	5°50	19° 2	25°23	15°55	20°56	14°33	14°29	27° 1	n.a.	T 27
F 28	10 14 26	5♓37'42	19♏34	8♓41	7♒41	14♓21	5♏49	18♌57	25♒26	15♈57	20♌55	14♐30	14♐26	27♌ 7	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18s16	20s50	2s 4	23s58	1s43	23s16	0n23	14s39	0s57	12s14	1n11	16n36	2n 3	14s24	0s44	4n17	1s57	29n13	15n41	23s 6	22s58	9n 8		n.a.	S 1
S 2	18 0	22 36	0 56	23 47	1 47	23 16	0 20	14 23	0 57	12 16	1 11	16 38	2 4	14 23	0 44	4 18	1 57	29 13	15 42	23 6	22 58	9 6		n.a.	S 2
M 3	17 44	23 5	0n18	23 35	1 51	23 15	0 16	14 7	0 56	12 17	1 11	16 39	2 4	14 22	0 44	4 18	1 57	29 14	15 42	23 6	22 57	9 3		n.a.	M 3
T 4	17 27	22 5	1 33	23 22	1 54	23 14	0 13	13 50	0 56	12 18	1 11	16 41	2 4	14 21	0 44	4 19	1 57	29 15	15 42	23 6	22 57	9 1		n.a.	T 4
W 5	17 10	19 35	2 44	23 6	1 57	23 12	0 10	13 34	0 55	12 19	1 11	16 42	2 4	14 20	0 44	4 19	1 57	29 15	15 42	23 5	22 57	8 58		n.a.	W 5
T 6	16 53	15 43	3 45	22 50	2 0	23 9	0 7	13 18	0 55	12 20	1 11	16 44	2 4	14 18	0 44	4 20	1 57	29 16	15 42	23 5	22 56	8 56		n.a.	T 6
F 7	16 35	10 45	4 32	22 31	2 2	23 6	0 4	13 1	0 55	12 21	1 12	16 46	2 4	14 17	0 44	4 20	1 57	29 17	15 42	23 4	22 56	8 53		n.a.	F 7
S 8	16 17	5 8	4 58	22 11	2 4	23 2	0 1	12 44	0 54	12 22	1 12	16 47	2 4	14 16	0 44	4 21	1 57	29 17	15 42	23 3	22 56	8 51		n.a.	S 8
S 9	15 59	0n44	5 4	21 49	2 5	22 58	0s 2	12 28	0 54	12 23	1 12	16 49	2 4	14 15	0 44	4 22	1 57	29 18	15 42	23 2	22 55	8 48		n.a.	S 9
M10	15 41	6 26	4 49	21 25	2 6	22 52	0 5	12 11	0 53	12 23	1 12	16 50	2 4	14 14	0 44	4 22	1 57	29 19	15 43	23 1	22 55	8 46		n.a.	M10
T 11	15 22	11 37	4 15	21 0	2 7	22 46	0 8	11 54	0 53	12 24	1 12	16 52	2 4	14 13	0 44	4 23	1 56	29 19	15 43	23 1	22 55	8 43		n.a.	T 11
W12	15 3	16 2	3 28	20 33	2 7	22 39	0 11	11 37	0 52	12 25	1 12	16 54	2 5	14 12	0 44	4 23	1 56	29 20	15 43	23 0	22 54	8 41		n.a.	W12
T 13	14 44	19 27	2 30	20 4	2 7	22 32	0 14	11 20	0 52	12 25	1 13	16 55	2 5	14 10	0 44	4 24	1 56	29 21	15 43	23 0	22 54	8 38		n.a.	T 13
F 14	14 25	21 45	1 26	19 33	2 6	22 24	0 17	11 3	0 51	12 26	1 13	16 57	2 5	14 9	0 44	4 25	1 56	29 21	15 43	23 0	22 53	8 36		n.a.	F 14
S 15	14 5	22 54	0 20	19 0	2 4	22 15	0 20	10 45	0 51	12 26	1 13	16 58	2 5	14 8	0 44	4 25	1 56	29 22	15 43	23 0	22 53	8 33		n.a.	S 15
S 16	13 46	22 52	0s46	18 26	2 3	22 6	0 23	10 28	0 50	12 27	1 13	17 0	2 5	14 7	0 44	4 26	1 56	29 23	15 43	23 0	22 53	8 30		n.a.	S 16
M17	13 26	21 44	1 48	17 50	2 0	21 56	0 25	10 10	0 50	12 27	1 13	17 2	2 5	14 6	0 44	4 26	1 56	29 23	15 43	23 0	22 52	8 28		n.a.	M17
T 18	13 5	19 38	2 45	17 12	1 57	21 45	0 28	9 53	0 49	12 27	1 13	17 3	2 5	14 5	0 44	4 27	1 56	29 24	15 43	23 0	22 52	8 25		n.a.	T 18
W19	12 45	16 43	3 34	16 32	1 54	21 34	0 31	9 35	0 49	12 28	1 13	17 5	2 5	14 3	0 44	4 28	1 56	29 24	15 43	22 59	22 52	8 23		n.a.	W19
T 20	12 24	13 7	4 13	15 50	1 50	21 22	0 33	9 18	0 48	12 28	1 14	17 6	2 5	14 2	0 44	4 28	1 56	29 25	15 43	22 58	22 51	8 20		n.a.	T 20
F 21	12 4	9 2	4 41	15 7	1 45	21 10	0 36	9 0	0 48	12 28	1 14	17 8	2 5	14 1	0 44	4 29	1 56	29 25	15 43	22 56	22 51	8 18		n.a.	F 21
S 22	11 43	4 37	4 57	14 22	1 40	20 57	0 39	8 42	0 47	12 28	1 14	17 9	2 5	14 0	0 44	4 30	1 56	29 26	15 43	22 55	22 51	8 15		n.a.	S 22
S 23	11 21	0 1	5 0	13 35	1 35	20 43	0 41	8 24	0 47	12 28	1 14	17 11	2 5	13 59	0 44	4 31	1 56	29 26	15 43	22 53	22 50	8 13		n.a.	S 23
M24	11 0	4s36	4 50	12 47	1 28	20 28	0 44	8 7	0 46	12 28	1 14	17 12	2 5	13 58	0 44	4 31	1 56	29 27	15 43	22 52	22 50	8 10		n.a.	M24
T 25	10 39	9 4	4 27	11 57	1 22	20 13	0 46	7 49	0 46	12 28	1 14	17 14	2 5	13 56	0 44	4 32	1 56	29 28	15 43	22 51	22 49	8 8		n.a.	T 25
W26	10 17	13 14	3 51	11 5	1 14	19 58	0 48	7 31	0 45	12 27	1 14	17 15	2 5	13 55	0 44	4 33	1 56	29 28	15 43	22 50	22 49	8 5		n.a.	W26
T 27	9 55	16 55	3 4	10 12	1 6	19 42	0 51	7 13	0 45	12 27	1 15	17 16	2 5	13 54	0 44	4 33	1 56	29 29	15 43	22 49	22 49	8 3		n.a.	T 27
F 28	9s33	19s53	2s 8	9s18	0s58	19s25	0s53	6s55	0s44	12s27	1n15	17n18	2n 5	13s53	0s44	4n34	1s56	29n29	15n43	22s49	22s48	8n 0		n.a.	F 28

Julian Day Number = 1626489.5, Delta T = 03h44m26s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'31, Lahiri = - 7°32'31 Julian Calendar 1 Feb. 260 BCE == Greg. Calendar 28 Jan. 260 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

MARCH 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 18 23	6♓36'47	2♐26	10♓45	8♒54	15♓ 6	5°R48	18°R53	25♒29	15♈58	20°R53	14°R29	14♐23	27♌14	n.a.	S 1
S 2	10 22 19	7°35'51	15°39	12°48	10° 7	15°51	5♏47	18♌49	25°33	16° 0	20♌52	14♐29	14°20	27°21	n.a.	S 2
M 3	10 26 16	8°34'54	29°17	14°52	11°21	16°36	5°46	18°44	25°36	16° 2	20°50	14°29	14°17	27°27	n.a.	M 3
T 4	10 30 12	9°33'54	13♉22	16°55	12°34	17°21	5°45	18°40	25°39	16° 4	20°48	14°27	14°13	27°34	n.a.	T 4
W 5	10 34 9	10°32'52	27°54	18°58	13°47	18° 6	5°43	18°36	25°43	16° 6	20°47	14°22	14°10	27°41	n.a.	W 5
T 6	10 38 5	11°31'49	12♒49	21° 0	15° 0	18°51	5°41	18°32	25°46	16° 8	20°45	14°15	14° 7	27°48	n.a.	T 6
F 7	10 42 2	12°30'43	28° 0	23° 1	16°13	19°36	5°39	18°28	25°49	16°10	20°44	14° 5	14° 4	27°54	n.a.	F 7
S 8	10 45 59	13°29'36	13♓19	25° 0	17°27	20°20	5°37	18°24	25°53	16°12	20°43	13°54	14° 1	28° 1	n.a.	S 8
S 9	10 49 55	14°28'26	28°32	26°58	18°40	21° 5	5°35	18°20	25°56	16°14	20°41	13°43	13°58	28° 8	n.a.	S 9
M10	10 53 52	15°27'14	13♈29	28°53	19°53	21°50	5°32	18°16	25°59	16°16	20°40	13°33	13°54	28°14	n.a.	M10
T 11	10 57 48	16°26'00	28° 2	0♈45	21° 6	22°34	5°30	18°12	26° 3	16°18	20°38	13°25	13°51	28°21	n.a.	T 11
W12	11 1 45	17°24'44	12♉ 6	2°35	22°20	23°19	5°27	18° 8	26° 6	16°20	20°37	13°20	13°48	28°28	n.a.	W12
T 13	11 5 41	18°23'25	25°40	4°21	23°33	24° 3	5°24	18° 4	26° 9	16°22	20°35	13°17	13°45	28°35	n.a.	T 13
F 14	11 9 38	19°22'04	8♊47	6° 4	24°46	24°47	5°21	18° 0	26°12	16°24	20°34	13°17	13°42	28°41	n.a.	F 14
S 15	11 13 34	20°20'41	21°28	7°43	25°59	25°32	5°17	17°57	26°16	16°26	20°33	13°17	13°39	28°48	n.a.	S 15
S 16	11 17 31	21°19'15	3♋50	9°18	27°12	26°16	5°14	17°53	26°19	16°28	20°31	13°16	13°35	28°55	n.a.	S 16
M17	11 21 28	22°17'47	15°58	10°48	28°26	27° 0	5°10	17°50	26°22	16°30	20°30	13°14	13°32	29° 2	n.a.	M17
T 18	11 25 24	23°16'17	27°56	12°14	29°39	27°45	5° 6	17°46	26°25	16°32	20°29	13°10	13°29	29° 8	n.a.	T 18
W19	11 29 21	24°14'45	9♌48	13°35	0♓52	28°29	5° 2	17°43	26°28	16°34	20°27	13° 3	13°26	29°15	n.a.	W19
T 20	11 33 17	25°13'10	21°39	14°51	2° 5	29°13	4°58	17°40	26°31	16°36	20°26	12°53	13°23	29°22	n.a.	T 20
F 21	11 37 14	26°11'33	3♍31	16° 2	3°19	29°57	4°54	17°37	26°34	16°38	20°25	12°41	13°19	29°28	n.a.	F 21
S 22	11 41 10	27° 9'54	15°26	17° 8	4°32	0♈41	4°49	17°34	26°37	16°41	20°24	12°28	13°16	29°35	n.a.	S 22
S 23	11 45 7	28° 8'14	27°26	18° 9	5°45	1°25	4°44	17°31	26°41	16°43	20°22	12°14	13°13	29°42	n.a.	S 23
M24	11 49 3	29° 6'31	9♎32	19° 5	6°58	2° 9	4°40	17°28	26°44	16°45	20°21	12° 2	13°10	29°49	n.a.	M24
T 25	11 53 0	0♈ 4'46	21°44	19°55	8°12	2°52	4°35	17°25	26°47	16°47	20°20	11°51	13° 7	29°55	n.a.	T 25
W26	11 56 56	1° 3'00	4♏ 6	20°39	9°25	3°36	4°29	17°22	26°50	16°49	20°19	11°43	13° 4	0♍ 2	n.a.	W26
T 27	12 0 53	2° 1'12	16°37	21°19	10°38	4°20	4°24	17°19	26°52	16°51	20°18	11°38	13° 0	0° 9	n.a.	T 27
F 28	12 4 50	2°59'22	29°19	21°52	11°51	5° 4	4°19	17°17	26°55	16°54	20°17	11°35	12°57	0°15	n.a.	F 28
S 29	12 8 46	3°57'31	12♐17	22°20	13° 5	5°47	4°13	17°14	26°58	16°56	20°16	11°D35	12°54	0°22	n.a.	S 29
S 30	12 12 43	4°55'38	25°31	22°42	14°18	6°31	4° 8	17°12	27° 1	16°58	20°15	11°35	12°51	0°29	n.a.	S 30
M31	12 16 39	5♈53'44	9♉ 5	22♈59	15♓31	7♈14	4♏ 2	17♌ 9	27♒ 4	17♈ 0	20♌14	11°R35	12♐48	0♍36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s11	21s56	1s 3	8s23	0s49	19s 8	0s55	6s37	0s44	12s26	1n15	17n19	2n 5	13s52	0s44	4n35	1s56	29n29	15n43	22s49	22s48	7n58		n.a.
S 2	8 49	22 50	0n 6	7 26	0 40	18 50	0 57	6 18	0 43	12 26	1 15	17 21	2 5	13 51	0 44	4 36	1 56	29 30	15 43	22 49	22 48	7 55		n.a.
M 3	8 27	22 26	1 17	6 29	0 30	18 32	0 59	6 0	0 43	12 25	1 15	17 22	2 5	13 50	0 44	4 36	1 56	29 30	15 43	22 49	22 47	7 53		n.a.
T 4	8 5	20 37	2 26	5 31	0 19	18 13	1 1	5 42	0 42	12 25	1 15	17 23	2 5	13 48	0 44	4 37	1 55	29 31	15 42	22 48	22 47	7 50		n.a.
W 5	7 42	17 26	3 28	4 33	0 8	17 54	1 3	5 24	0 42	12 24	1 15	17 25	2 5	13 47	0 44	4 38	1 55	29 31	15 42	22 48	22 46	7 47		n.a.
T 6	7 19	13 4	4 17	3 34	0n 3	17 34	1 5	5 6	0 41	12 23	1 15	17 26	2 5	13 46	0 44	4 39	1 55	29 32	15 42	22 47	22 46	7 45		n.a.
F 7	6 57	7 48	4 49	2 35	0 14	17 14	1 7	4 47	0 41	12 23	1 16	17 27	2 5	13 45	0 44	4 40	1 55	29 32	15 42	22 46	22 46	7 42		n.a.
S 8	6 34	2 1	5 0	1 37	0 26	16 53	1 9	4 29	0 40	12 22	1 16	17 29	2 5	13 44	0 44	4 40	1 55	29 32	15 42	22 45	22 45	7 40		n.a.
S 9	6 11	3n50	4 50	0 39	0 37	16 32	1 11	4 11	0 40	12 21	1 16	17 30	2 5	13 43	0 44	4 41	1 55	29 33	15 42	22 43	22 45	7 37		n.a.
M10	5 48	9 22	4 21	0n18	0 49	16 10	1 12	3 53	0 39	12 20	1 16	17 31	2 5	13 42	0 44	4 42	1 55	29 33	15 42	22 42	22 45	7 35		n.a.
T 11	5 25	14 14	3 35	1 14	1 1	15 48	1 14	3 34	0 38	12 19	1 16	17 32	2 5	13 41	0 44	4 43	1 55	29 33	15 42	22 41	22 44	7 32		n.a.
W12	5 2	18 8	2 37	2 8	1 12	15 25	1 15	3 16	0 38	12 18	1 16	17 33	2 5	13 39	0 44	4 44	1 55	29 34	15 41	22 40	22 44	7 30		n.a.
T 13	4 39	20 53	1 32	3 2	1 24	15 2	1 17	2 58	0 37	12 17	1 16	17 34	2 5	13 38	0 44	4 44	1 55	29 34	15 41	22 40	22 43	7 27		n.a.
F 14	4 15	22 25	0 24	3 53	1 35	14 39	1 18	2 39	0 37	12 16	1 16	17 36	2 5	13 37	0 44	4 45	1 55	29 34	15 41	22 40	22 43	7 25		n.a.
S 15	3 52	22 44	0s43	4 42	1 45	14 15	1 20	2 21	0 36	12 14	1 16	17 37	2 5	13 36	0 44	4 46	1 55	29 35	15 41	22 40	22 43	7 22		n.a.
S 16	3 29	21 54	1 47	5 30	1 56	13 51	1 21	2 3	0 36	12 13	1 17	17 38	2 5	13 35	0 44	4 47	1 55	29 35	15 41	22 40	22 42	7 20		n.a.
M17	3 6	20 3	2 44	6 15	2 5	13 26	1 22	1 44	0 35	12 12	1 17	17 39	2 5	13 34	0 44	4 48	1 55	29 35	15 40	22 40	22 42	7 17		n.a.
T 18	2 42	17 21	3 33	6 57	2 15	13 2	1 23	1 26	0 35	12 10	1 17	17 40	2 5	13 33	0 44	4 48	1 55	29 36	15 40	22 39	22 41	7 15		n.a.
W19	2 19	13 57	4 12	7 37	2 23	12 36	1 24	1 8	0 34	12 9	1 17	17 41	2 4	13 32	0 44	4 49	1 55	29 36	15 40	22 38	22 41	7 12		n.a.
T 20	1 55	10 2	4 40	8 14	2 31	12 11	1 25	0 50	0 33	12 8	1 17	17 42	2 4	13 31	0 44	4 50	1 55	29 36	15 40	22 37	22 41	7 9		n.a.
F 21	1 32	5 44	4 57	8 48	2 38	11 45	1 26	0 31	0 33	12 6	1 17	17 43	2 4	13 30	0 44	4 51	1 55	29 36	15 40	22 35	22 40	7 7		n.a.
S 22	1 8	1 12	5 0	9 20	2 44	11 19	1 27	0 13	0 32	12 4	1 17	17 43	2 4	13 29	0 44	4 52	1 55	29 36	15 39	22 34	22 40	7 4		n.a.
S 23	0 45	3s24	4 50	9 48	2 50	10 52	1 28	0n 5	0 32	12 3	1 17	17 44	2 4	13 28	0 44	4 53	1 55	29 37	15 39	22 32	22 39	7 2		n.a.
M24	0 22	7 54	4 27	10 14	2 54	10 25	1 29	0 23	0 31	12 1	1 17	17 45	2 4	13 27	0 44	4 54	1 55	29 37	15 39	22 30	22 39	6 59		n.a.
T 25	0n 2	12 9	3 52	10 36	2 57	9 58	1 29	0 41	0 31	11 59	1 17	17 46	2 4	13 26	0 44	4 54	1 55	29 37	15 39	22 29	22 39	6 57		n.a.
W26	0 25	15 56	3 5	10 56	3 0	9 31	1 30	1 0	0 30	11 57	1 17	17 47	2 4	13 25	0 44	4 55	1 55	29 37	15 38	22 28	22 38	6 54		n.a.
T 27	0 49	19 3	2 8	11 12	3 1	9 3	1 30	1 18	0 29	11 56	1 17	17 47	2 4	13 24	0 44	4 56	1 55	29 37	15 38	22 27	22 38	6 52		n.a.
F 28	1 12	21 18	1 5	11 25	3 1	8 36	1 31	1 36	0 29	11 54	1 17	17 48	2 4	13 23	0 44	4 57	1 55	29 37	15 38	22 27	22 37	6 49		n.a.
S 29	1 35	22 29	0n 4	11 35	3 0	8 8	1 31	1 54	0 28	11 52	1 18	17 49	2 4	13 22	0 44	4 58	1 55	29 37	15 37	22 27	22 37	6 47		n.a.
S 30	1 59	22 26	1 13	11 41	2 58	7 39	1 31	2 12	0 28	11 50	1 18	17 49	2 4	13 21	0 44	4 59	1 55	29 37	15 37	22 27	22 37	6 44		n.a.
M31	2n22	21s 4	2n21	11n45	2n55	7s11	1s32	2n30	0s27	11s48	1n18	17n50	2n 3	13s20	0s44	5n 0	1s55	29n38	15n37	22s27	22s36	6n42		n.a.

Julian Day Number = 1626517.5, Delta T = 03h44m25s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'28, Lahiri = - 7°32'27 Julian Calendar 1 March 260 BCE == Greg. Calendar 25 Feb. 260 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

APRIL 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 20 36	6♈51'48	23♉ 1	23♈11	16♓44	7♈58	3°R56	17°R 7	27♒ 7	17♈ 2	20°R13	11°R34	12♐44	0♍42	n.a.	T 1
W 2	12 24 32	7°49'51	7♒19	23°17	17°58	8°41	3♏50	17♌ 5	27°10	17° 5	20♌12	11♐31	12°41	0°49	n.a.	W 2
T 3	12 28 29	8°47'52	21°57	23°R17	19°11	9°25	3°44	17° 3	27°12	17° 7	20°11	11°26	12°38	0°56	n.a.	T 3
F 4	12 32 25	9°45'51	6♓50	23°13	20°24	10° 8	3°37	17° 1	27°15	17° 9	20°10	11°18	12°35	1° 2	n.a.	F 4
S 5	12 36 22	10°43'50	21°52	23° 3	21°38	10°51	3°31	16°59	27°18	17°11	20° 9	11° 9	12°32	1° 9	n.a.	S 5
S 6	12 40 19	11°41'46	6♈52	22°49	22°51	11°35	3°24	16°57	27°21	17°14	20° 8	11° 0	12°29	1°16	n.a.	S 6
M 7	12 44 15	12°39'41	21°41	22°30	24° 4	12°18	3°18	16°56	27°23	17°16	20° 7	10°52	12°25	1°23	n.a.	M 7
T 8	12 48 12	13°37'34	6♉11	22° 8	25°17	13° 1	3°11	16°54	27°26	17°18	20° 6	10°46	12°22	1°29	n.a.	T 8
W 9	12 52 8	14°35'26	20°16	21°42	26°31	13°44	3° 4	16°53	27°28	17°20	20° 5	10°42	12°19	1°36	n.a.	W 9
T 10	12 56 5	15°33'16	3♊53	21°13	27°44	14°27	2°57	16°51	27°31	17°23	20° 5	10°40	12°16	1°43	n.a.	T 10
F 11	13 0 1	16°31'04	17° 4	20°41	28°57	15°10	2°50	16°50	27°34	17°25	20° 4	10°D40	12°13	1°50	n.a.	F 11
S 12	13 3 58	17°28'50	29°51	20° 8	0♈11	15°53	2°43	16°49	27°36	17°27	20° 3	10°41	12°10	1°56	n.a.	S 12
S 13	13 7 54	18°26'35	12♋16	19°33	1°24	16°36	2°36	16°48	27°38	17°29	20° 3	10°42	12° 6	2° 3	n.a.	S 13
M14	13 11 51	19°24'18	24°26	18°57	2°37	17°19	2°29	16°47	27°41	17°32	20° 2	10°R42	12° 3	2°10	n.a.	M14
T 15	13 15 48	20°21'59	6♌26	18°22	3°51	18° 1	2°22	16°46	27°43	17°34	20° 1	10°40	12° 0	2°16	n.a.	T 15
W16	13 19 44	21°19'38	18°19	17°47	5° 4	18°44	2°14	16°45	27°46	17°36	20° 1	10°37	11°57	2°23	n.a.	W16
T 17	13 23 41	22°17'16	0♍10	17°12	6°17	19°27	2° 7	16°45	27°48	17°38	20° 0	10°31	11°54	2°30	n.a.	T 17
F 18	13 27 37	23°14'52	12° 4	16°40	7°30	20° 9	2° 0	16°44	27°50	17°41	20° 0	10°24	11°50	2°37	n.a.	F 18
S 19	13 31 34	24°12'26	24° 3	16°10	8°44	20°52	1°52	16°43	27°52	17°43	19°59	10°16	11°47	2°43	n.a.	S 19
S 20	13 35 30	25° 9'59	6♎10	15°43	9°57	21°34	1°45	16°43	27°55	17°45	19°59	10° 8	11°44	2°50	n.a.	S 20
M21	13 39 27	26° 7'31	18°25	15°18	11°10	22°17	1°37	16°43	27°57	17°47	19°58	10° 0	11°41	2°57	n.a.	M21
T 22	13 43 23	27° 5'01	0♏51	14°57	12°24	22°59	1°29	16°43	27°59	17°50	19°58	9°53	11°38	3° 3	n.a.	T 22
W23	13 47 20	28° 2'30	13°28	14°40	13°37	23°41	1°22	16°D43	28° 1	17°52	19°57	9°49	11°35	3°10	n.a.	W23
T 24	13 51 16	28°59'58	26°16	14°27	14°50	24°24	1°14	16°43	28° 3	17°54	19°57	9°46	11°31	3°17	n.a.	T 24
F 25	13 55 13	29°57'25	9♐17	14°19	16° 4	25° 6	1° 7	16°43	28° 5	17°56	19°57	9°D45	11°28	3°24	n.a.	F 25
S 26	13 59 10	0♑54'51	22°30	14°D14	17°17	25°48	0°59	16°43	28° 7	17°58	19°56	9°45	11°25	3°30	n.a.	S 26
S 27	14 3 6	1°52'16	5♉56	14°14	18°30	26°30	0°51	16°43	28° 9	18° 1	19°56	9°47	11°22	3°37	n.a.	S 27
M28	14 7 3	2°49'41	19°37	14°19	19°44	27°12	0°44	16°44	28°11	18° 3	19°56	9°48	11°19	3°44	n.a.	M28
T 29	14 10 59	3°47'04	3♒32	14°28	20°57	27°54	0°36	16°44	28°13	18° 5	19°56	9°R49	11°15	3°51	n.a.	T 29
W30	14 14 56	4♑44'27	17♒42	14♈41	22♈10	28♈36	0♏28	16♌45	28♒15	18♈ 7	19♌55	9♐48	11♐12	3♍57	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n45	18s25	3n22	11n45	2n50	6s42	1s32	2n48	0s26	11s46	1n18	17n51	2n 3	13s19	0s44	5n 0	1s55	29n38	15n37	22s26	22s36	6n39		n.a.
W 2	3 9	14 36	4 12	11 41	2 45	6 13	1 32	3 5	0 26	11 44	1 18	17 51	2 3	13 18	0 44	5 1	1 55	29 38	15 36	22 26	22 35	6 36		n.a.
T 3	3 32	9 50	4 47	11 35	2 38	5 44	1 32	3 23	0 25	11 42	1 18	17 52	2 3	13 17	0 44	5 2	1 55	29 38	15 36	22 25	22 35	6 34		n.a.
F 4	3 55	4 25	5 3	11 26	2 29	5 15	1 32	3 41	0 25	11 39	1 18	17 52	2 3	13 16	0 44	5 3	1 55	29 38	15 36	22 24	22 35	6 31		n.a.
S 5	4 18	1n18	4 59	11 13	2 20	4 46	1 32	3 59	0 24	11 37	1 18	17 53	2 3	13 15	0 44	5 4	1 55	29 38	15 35	22 23	22 34	6 29		n.a.
S 6	4 41	6 56	4 34	10 58	2 9	4 16	1 32	4 16	0 23	11 35	1 18	17 53	2 3	13 14	0 44	5 5	1 55	29 38	15 35	22 22	22 34	6 26		n.a.
M 7	5 4	12 6	3 51	10 40	1 57	3 47	1 31	4 34	0 23	11 33	1 18	17 54	2 3	13 13	0 44	5 6	1 55	29 38	15 35	22 21	22 33	6 24		n.a.
T 8	5 26	16 28	2 54	10 20	1 44	3 17	1 31	4 51	0 22	11 30	1 18	17 54	2 2	13 12	0 45	5 7	1 55	29 38	15 34	22 20	22 33	6 21		n.a.
W 9	5 49	19 44	1 47	9 57	1 30	2 47	1 31	5 9	0 22	11 28	1 18	17 54	2 2	13 11	0 45	5 7	1 55	29 38	15 34	22 19	22 32	6 19		n.a.
T 10	6 12	21 46	0 36	9 32	1 15	2 17	1 30	5 26	0 21	11 26	1 18	17 55	2 2	13 11	0 45	5 8	1 55	29 38	15 34	22 19	22 32	6 16		n.a.
F 11	6 34	22 31	0s34	9 6	1 0	1 47	1 30	5 44	0 20	11 23	1 18	17 55	2 2	13 10	0 45	5 9	1 55	29 37	15 33	22 19	22 32	6 14		n.a.
S 12	6 57	22 2	1 41	8 38	0 44	1 17	1 29	6 1	0 20	11 21	1 18	17 55	2 2	13 9	0 45	5 10	1 55	29 37	15 33	22 19	22 31	6 11		n.a.
S 13	7 19	20 28	2 41	8 9	0 27	0 47	1 29	6 18	0 19	11 18	1 18	17 55	2 2	13 8	0 45	5 11	1 55	29 37	15 33	22 19	22 31	6 9		n.a.
M14	7 41	18 0	3 33	7 40	0 10	0 17	1 28	6 35	0 19	11 16	1 18	17 56	2 2	13 7	0 45	5 12	1 55	29 37	15 32	22 19	22 30	6 6		n.a.
T 15	8 3	14 47	4 14	7 10	0s 7	0n13	1 27	6 52	0 18	11 13	1 18	17 56	2 2	13 6	0 45	5 13	1 55	29 37	15 32	22 19	22 30	6 3		n.a.
W16	8 25	11 1	4 44	6 41	0 24	0 43	1 26	7 9	0 17	11 11	1 18	17 56	2 1	13 6	0 45	5 13	1 55	29 37	15 31	22 18	22 30	6 1		n.a.
T 17	8 47	6 50	5 2	6 12	0 41	1 13	1 25	7 26	0 17	11 8	1 18	17 56	2 1	13 5	0 45	5 14	1 55	29 37	15 31	22 18	22 29	5 58		n.a.
F 18	9 8	2 24	5 7	5 44	0 58	1 43	1 24	7 43	0 16	11 6	1 18	17 56	2 1	13 4	0 45	5 15	1 55	29 36	15 31	22 17	22 29	5 56		n.a.
S 19	9 30	2s10	4 58	5 18	1 14	2 13	1 23	8 0	0 16	11 3	1 17	17 56	2 1	13 3	0 45	5 16	1 55	29 36	15 30	22 15	22 28	5 53		n.a.
S 20	9 51	6 42	4 36	4 53	1 30	2 44	1 22	8 17	0 15	11 1	1 17	17 56	2 1	13 3	0 45	5 17	1 55	29 36	15 30	22 14	22 28	5 51		n.a.
M21	10 12	11 1	4 2	4 29	1 45	3 14	1 21	8 33	0 14	10 58	1 17	17 56	2 1	13 2	0 45	5 18	1 55	29 36	15 29	22 13	22 27	5 48		n.a.
T 22	10 33	14 56	3 15	4 8	1 59	3 44	1 20	8 50	0 14	10 56	1 17	17 56	2 1	13 1	0 45	5 19	1 55	29 36	15 29	22 12	22 27	5 46		n.a.
W23	10 54	18 15	2 17	3 49	2 12	4 14	1 19	9 6	0 13	10 53	1 17	17 56	2 0	13 0	0 45	5 19	1 55	29 35	15 29	22 11	22 26	5 43		n.a.
T 24	11 15	20 43	1 12	3 33	2 24	4 43	1 18	9 22	0 13	10 50	1 17	17 55	2 0	13 0	0 45	5 20	1 55	29 35	15 28	22 11	22 26	5 41		n.a.
F 25	11 35	22 9	0 3	3 19	2 36	5 13	1 16	9 39	0 12	10 48	1 17	17 55	2 0	12 59	0 45	5 21	1 55	29 35	15 28	22 11	22 26	5 38		n.a.
S 26	11 56	22 22	1n 9	3 8	2 46	5 43	1 15	9 55	0 11	10 45	1 17	17 55	2 0	12 58	0 45	5 22	1 55	29 35	15 27	22 11	22 25	5 36		n.a.
S 27	12 16	21 18	2 18	2 59	2 55	6 12	1 13	10 11	0 11	10 43	1 17	17 55	2 0	12 58	0 45	5 23	1 55	29 34	15 27	22 11	22 25	5 33		n.a.
M28	12 36	18 59	3 20	2 53	3 4	6 42	1 12	10 27	0 10	10 40	1 17	17 55	2 0	12 57	0 45	5 24	1 55	29 34	15 27	22 11	22 24	5 30		n.a.
T 29	12 56	15 31	4 11	2 50	3 11	7 11	1 10	10 42	0 10	10 37	1 17	17 54	2 0	12 56	0 45	5 24	1 55	29 34	15 26	22 11	22 24	5 28		n.a.
W30	13n15	11s 8	4n49	2n50	3s17	7n40	1s 9	10n58	0s 9	10s35	1n17	17n54	1n59	12s56	0s45	5n25	1s55	29n33	15n26	22s11	22s23	5n25		n.a.

Julian Day Number = 1626548.5, Delta T = 03h44m24s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'23, Lahiri = - 7°32'23 Julian Calendar 1 Apr. 260 BCE == Greg. Calendar 28 March 260 BCE

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

MAY 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 18 52	5♉41'49	2♓ 5	14♈59	23♈24	29♈18	0°R21	16♌46	28♒16	18♈ 9	19°R55	9°R46	11♐ 9	4♍ 4	n.a.	T 1
F 2	14 22 49	6°39'10	16°37	15°22	24°37	0♉ 0	0♏13	16°47	28°18	18°11	19♌55	9♐43	11° 6	4°11	n.a.	F 2
S 3	14 26 45	7°36'31	1♈14	15°49	25°51	0°42	0° 6	16°48	28°20	18°14	19°55	9°38	11° 3	4°17	n.a.	S 3
S 4	14 30 42	8°33'51	15°49	16°20	27° 4	1°24	29♎58	16°49	28°22	18°16	19°55	9°34	11° 0	4°24	n.a.	S 4
M 5	14 34 39	9°31'10	0♉16	16°55	28°17	2° 6	29°51	16°50	28°23	18°18	19°D55	9°30	10°56	4°31	n.a.	M 5
T 6	14 38 35	10°28'28	14°29	17°34	29°31	2°47	29°43	16°51	28°25	18°20	19°55	9°27	10°53	4°38	n.a.	T 6
W 7	14 42 32	11°25'45	28°22	18°17	0♉44	3°29	29°36	16°52	28°26	18°22	19°55	9°25	10°50	4°44	n.a.	W 7
T 8	14 46 28	12°23'02	11♊54	19° 4	1°58	4°11	29°29	16°54	28°28	18°24	19°55	9°D24	10°47	4°51	n.a.	T 8
F 9	14 50 25	13°20'18	25° 2	19°55	3°11	4°52	29°21	16°55	28°29	18°26	19°55	9°25	10°44	4°58	n.a.	F 9
S 10	14 54 21	14°17'33	7♋50	20°49	4°24	5°34	29°14	16°57	28°30	18°28	19°56	9°27	10°41	5° 4	n.a.	S 10
S 11	14 58 18	15°14'47	20°18	21°48	5°38	6°15	29° 7	16°59	28°32	18°30	19°56	9°28	10°37	5°11	n.a.	S 11
M12	15 2 15	16°11'59	2♌30	22°49	6°51	6°57	29° 0	17° 1	28°33	18°33	19°56	9°29	10°34	5°18	n.a.	M12
T 13	15 6 11	17° 9'11	14°32	23°54	8° 5	7°38	28°53	17° 3	28°34	18°35	19°56	9°R30	10°31	5°25	n.a.	T 13
W14	15 10 8	18° 6'23	26°27	25° 3	9°18	8°19	28°46	17° 5	28°36	18°37	19°56	9°30	10°28	5°31	n.a.	W14
T 15	15 14 4	19° 3'33	8♍20	26°15	10°32	9° 1	28°39	17° 7	28°37	18°39	19°57	9°29	10°25	5°38	n.a.	T 15
F 16	15 18 1	20° 0'42	20°15	27°30	11°45	9°42	28°33	17° 9	28°38	18°41	19°57	9°27	10°21	5°45	n.a.	F 16
S 17	15 21 57	20°57'51	2♎18	28°48	12°59	10°23	28°26	17°11	28°39	18°43	19°57	9°24	10°18	5°52	n.a.	S 17
S 18	15 25 54	21°54'59	14°30	0♉10	14°12	11° 4	28°20	17°14	28°40	18°45	19°58	9°22	10°15	5°58	n.a.	S 18
M19	15 29 50	22°52'06	26°54	1°35	15°26	11°45	28°13	17°16	28°41	18°46	19°58	9°19	10°12	6° 5	n.a.	M19
T 20	15 33 47	23°49'13	9♏33	3° 3	16°39	12°26	28° 7	17°19	28°42	18°48	19°59	9°17	10° 9	6°12	n.a.	T 20
W21	15 37 43	24°46'20	22°27	4°34	17°53	13° 7	28° 1	17°22	28°43	18°50	19°59	9°16	10° 6	6°18	n.a.	W21
T 22	15 41 40	25°43'26	5♐36	6° 8	19° 6	13°48	27°55	17°25	28°44	18°52	20° 0	9°D15	10° 2	6°25	n.a.	T 22
F 23	15 45 37	26°40'32	19° 0	7°46	20°20	14°29	27°49	17°27	28°44	18°54	20° 0	9°15	9°59	6°32	n.a.	F 23
S 24	15 49 33	27°37'38	2♑37	9°26	21°33	15°10	27°43	17°30	28°45	18°56	20° 1	9°16	9°56	6°39	n.a.	S 24
S 25	15 53 30	28°34'44	16°25	11° 9	22°47	15°51	27°38	17°33	28°46	18°58	20° 1	9°17	9°53	6°45	n.a.	S 25
M26	15 57 26	29°31'50	0♒23	12°56	24° 0	16°31	27°32	17°37	28°46	19° 0	20° 2	9°18	9°50	6°52	n.a.	M26
T 27	16 1 23	0♊28'56	14°29	14°45	25°14	17°12	27°27	17°40	28°47	19° 1	20° 3	9°18	9°47	6°59	n.a.	T 27
W28	16 5 19	1°26'02	28°41	16°37	26°28	17°53	27°21	17°43	28°48	19° 3	20° 4	9°R19	9°43	7° 6	n.a.	W28
T 29	16 9 16	2°23'08	12♓56	18°31	27°41	18°33	27°16	17°47	28°48	19° 5	20° 4	9°19	9°40	7°12	n.a.	T 29
F 30	16 13 13	3°20'14	27°12	20°28	28°55	19°14	27°11	17°50	28°48	19° 7	20° 5	9°18	9°37	7°19	n.a.	F 30
S 31	16 17 9	4♊17'21	11♈26	22♉28	0♊ 8	19♉54	27♎ 6	17♌54	28♒49	19♈ 8	20♌ 6	9♐18	9♐34	7♍26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	13n35	6s 3	5n 9	2n52	3s22	8n 9	1s 7	11n14	0s 8	10s32	1n16	17n54	1n59	12s55	0s45	5n26	1s55	29n33	15n25	22s11	22s23	5n23			n.a.
F 2	13 54	0 36	5 9	2 57	3 26	8 38	1 6	11 29	0 8	10 30	1 16	17 53	1 59	12 55	0 45	5 27	1 55	29 33	15 25	22 10	22 23	5 20			n.a.
S 3	14 13	4n55	4 50	3 5	3 29	9 7	1 4	11 45	0 7	10 27	1 16	17 53	1 59	12 54	0 45	5 28	1 55	29 32	15 25	22 10	22 22	5 18			n.a.
S 4	14 32	10 9	4 12	3 15	3 32	9 35	1 2	12 0	0 6	10 25	1 16	17 52	1 59	12 54	0 45	5 29	1 55	29 32	15 24	22 9	22 22	5 15			n.a.
M 5	14 50	14 47	3 18	3 27	3 33	10 3	1 0	12 15	0 6	10 22	1 16	17 52	1 59	12 53	0 45	5 29	1 55	29 32	15 24	22 8	22 21	5 13			n.a.
T 6	15 8	18 29	2 12	3 42	3 33	10 31	0 58	12 30	0 5	10 20	1 16	17 51	1 59	12 53	0 45	5 30	1 55	29 31	15 23	22 8	22 21	5 10			n.a.
W 7	15 26	21 1	1 0	3 59	3 33	10 59	0 57	12 45	0 5	10 17	1 16	17 51	1 58	12 52	0 45	5 31	1 55	29 31	15 23	22 8	22 20	5 8			n.a.
T 8	15 44	22 16	0s14	4 18	3 31	11 27	0 55	13 0	0 4	10 15	1 15	17 50	1 58	12 52	0 45	5 32	1 55	29 30	15 22	22 8	22 20	5 5			n.a.
F 9	16 2	22 13	1 25	4 39	3 29	11 54	0 53	13 15	0 3	10 12	1 15	17 49	1 58	12 51	0 46	5 33	1 55	29 30	15 22	22 8	22 19	5 3			n.a.
S 10	16 19	21 0	2 30	5 3	3 26	12 21	0 51	13 29	0 3	10 10	1 15	17 49	1 58	12 51	0 46	5 33	1 55	29 29	15 22	22 8	22 19	5 0			n.a.
S 11	16 36	18 47	3 26	5 28	3 22	12 48	0 49	13 44	0 2	10 8	1 15	17 48	1 58	12 50	0 46	5 34	1 55	29 29	15 21	22 8	22 18	4 58			n.a.
M12	16 53	15 45	4 12	5 55	3 18	13 14	0 47	13 58	0 2	10 5	1 15	17 47	1 58	12 50	0 46	5 35	1 55	29 28	15 21	22 8	22 18	4 55			n.a.
T 13	17 9	12 7	4 45	6 24	3 13	13 40	0 44	14 12	0 1	10 3	1 15	17 47	1 58	12 49	0 46	5 36	1 55	29 28	15 20	22 8	22 18	4 52			n.a.
W14	17 26	8 3	5 7	6 55	3 7	14 6	0 42	14 27	0 0	10 1	1 14	17 46	1 57	12 49	0 46	5 36	1 55	29 27	15 20	22 8	22 17	4 50			n.a.
T 15	17 42	3 41	5 15	7 27	3 1	14 31	0 40	14 41	0n 0	9 58	1 14	17 45	1 57	12 49	0 46	5 37	1 55	29 27	15 19	22 8	22 17	4 47			n.a.
F 16	17 57	0s49	5 9	8 1	2 54	14 56	0 38	14 54	0 1	9 56	1 14	17 44	1 57	12 48	0 46	5 38	1 55	29 26	15 19	22 8	22 16	4 45			n.a.
S 17	18 13	5 21	4 50	8 36	2 46	15 21	0 36	15 8	0 2	9 54	1 14	17 43	1 57	12 48	0 46	5 38	1 55	29 26	15 19	22 8	22 16	4 42			n.a.
S 18	18 28	9 44	4 18	9 12	2 38	15 45	0 34	15 22	0 2	9 52	1 14	17 43	1 57	12 48	0 46	5 39	1 55	29 25	15 18	22 7	22 15	4 40			n.a.
M19	18 43	13 47	3 33	9 50	2 29	16 9	0 31	15 35	0 3	9 50	1 13	17 42	1 57	12 47	0 46	5 40	1 55	29 25	15 18	22 7	22 15	4 37			n.a.
T 20	18 57	17 19	2 37	10 29	2 20	16 33	0 29	15 48	0 3	9 48	1 13	17 41	1 57	12 47	0 46	5 41	1 55	29 24	15 17	22 6	22 14	4 35			n.a.
W21	19 11	20 5	1 32	11 9	2 10	16 56	0 27	16 2	0 4	9 46	1 13	17 40	1 56	12 47	0 46	5 41	1 55	29 24	15 17	22 6	22 14	4 32			n.a.
T 22	19 25	21 50	0 20	11 50	2 0	17 19	0 25	16 15	0 5	9 44	1 13	17 39	1 56	12 46	0 46	5 42	1 55	29 23	15 16	22 6	22 13	4 30			n.a.
F 23	19 39	22 22	0n54	12 32	1 50	17 41	0 22	16 28	0 5	9 42	1 13	17 38	1 56	12 46	0 46	5 43	1 55	29 23	15 16	22 6	22 13	4 27			n.a.
S 24	19 52	21 36	2 6	13 14	1 39	18 3	0 20	16 40	0 6	9 40	1 12	17 37	1 56	12 46	0 46	5 43	1 56	29 22	15 16	22 6	22 12	4 25			n.a.
S 25	20 5	19 32	3 11	13 57	1 28	18 24	0 18	16 53	0 6	9 38	1 12	17 36	1 56	12 46	0 46	5 44	1 56	29 21	15 15	22 6	22 12	4 22			n.a.
M26	20 17	16 18	4 7	14 41	1 17	18 45	0 15	17 5	0 7	9 36	1 12	17 34	1 56	12 46	0 46	5 45	1 56	29 21	15 15	22 7	22 11	4 20			n.a.
T 27	20 30	12 6	4 47	15 24	1 6	19 6	0 13	17 18	0 8	9 34	1 12	17 33	1 56	12 45	0 46	5 45	1 56	29 20	15 14	22 7	22 11	4 17			n.a.
W28	20 42	7 13	5 11	16 8	0 54	19 26	0 10	17 30	0 8	9 33	1 11	17 32	1 56	12 45	0 46	5 46	1 56	29 19	15 14	22 7	22 10	4 15			n.a.
T 29	20 53	1 55	5 16	16 52	0 43	19 45	0 8	17 42	0 9	9 31	1 11	17 31	1 55	12 45	0 46	5 47	1 56	29 19	15 13	22 7	22 10	4 12			n.a.
F 30	21 4	3n28	5 1	17 35	0 31	20 4	0 6	17 54	0 10	9 30	1 11	17 30	1 55	12 45	0 46	5 47	1 56	29 18	15 13	22 7	22 9	4 9			n.a.
S 31	21n15	8n41	4n28	18n17	0s20	20n22	0s 3	18n 5	0n10	9s28	1n11	17n28	1n55	12s45	0s46	5n48	1s56	29n18	15n13	22s 7	22s 9	4n 7			n.a.

Julian Day Number = 1626578.5, Delta T = 03h44m23s
Ecliptic obliquity = 23°43'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'19, Lahiri = - 7°32'19 Julian Calendar 1 May 260 BCE == Greg. Calendar 27 Apr. 260 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

JUNE 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 21 6	5♊14'27	25♈34	24♉29	1♊22	20♉35	27°R 2	17♌57	28♒49	19♈10	20♌ 7	9°R17	9♐31	7♍32	n.a.	S 1
M 2	16 25 2	6°11'35	9♉33	26°33	2°36	21°15	26♎57	18° 1	28°50	19°12	20° 8	9♐17	9°27	7°39	n.a.	M 2
T 3	16 28 59	7° 8'42	23°20	28°38	3°49	21°56	26°53	18° 5	28°50	19°13	20° 8	9°17	9°24	7°46	n.a.	T 3
W 4	16 32 55	8° 5'50	6♊52	0♊45	5° 3	22°36	26°49	18° 9	28°50	19°15	20° 9	9°D17	9°21	7°53	n.a.	W 4
T 5	16 36 52	9° 2'57	20° 8	2°52	6°17	23°16	26°45	18°13	28°50	19°17	20°10	9°R17	9°18	7°59	n.a.	T 5
F 6	16 40 48	10° 0'05	3♋ 7	5° 1	7°31	23°57	26°41	18°17	28°50	19°18	20°11	9°17	9°15	8° 6	n.a.	F 6
S 7	16 44 45	10°57'13	15°48	7°10	8°44	24°37	26°37	18°21	28°50	19°20	20°12	9°16	9°12	8°13	n.a.	S 7
S 8	16 48 42	11°54'21	28°14	9°20	9°58	25°17	26°33	18°25	28°R50	19°21	20°13	9°16	9° 8	8°20	n.a.	S 8
M 9	16 52 38	12°51'29	10♌26	11°30	11°12	25°57	26°30	18°30	28°50	19°23	20°14	9°16	9° 5	8°26	n.a.	M 9
T 10	16 56 35	13°48'37	22°27	13°39	12°26	26°37	26°27	18°34	28°50	19°24	20°15	9°15	9° 2	8°33	n.a.	T 10
W11	17 0 31	14°45'46	4♍23	15°48	13°39	27°17	26°24	18°39	28°50	19°26	20°17	9°15	8°59	8°40	n.a.	W11
T 12	17 4 28	15°42'54	16°16	17°56	14°53	27°57	26°21	18°43	28°50	19°27	20°18	9°D15	8°56	8°46	n.a.	T 12
F 13	17 8 24	16°40'02	28°12	20° 3	16° 7	28°37	26°18	18°48	28°50	19°29	20°19	9°15	8°53	8°53	n.a.	F 13
S 14	17 12 21	17°37'11	10♎15	22° 9	17°21	29°17	26°16	18°52	28°49	19°30	20°20	9°16	8°49	9° 0	n.a.	S 14
S 15	17 16 17	18°34'19	22°30	24°14	18°34	29°57	26°13	18°57	28°49	19°31	20°21	9°16	8°46	9° 7	n.a.	S 15
M16	17 20 14	19°31'29	4♏59	26°18	19°48	0♊37	26°11	19° 2	28°49	19°33	20°23	9°17	8°43	9°13	n.a.	M16
T 17	17 24 11	20°28'38	17°47	28°20	21° 2	1°17	26° 9	19° 7	28°48	19°34	20°24	9°18	8°40	9°20	n.a.	T 17
W18	17 28 7	21°25'48	0♐54	0♋20	22°16	1°56	26° 7	19°12	28°48	19°35	20°25	9°19	8°37	9°27	n.a.	W18
T 19	17 32 4	22°22'58	14°22	2°19	23°30	2°36	26° 6	19°17	28°47	19°37	20°27	9°R19	8°33	9°33	n.a.	T 19
F 20	17 36 0	23°20'10	28° 9	4°16	24°44	3°16	26° 4	19°22	28°47	19°38	20°28	9°18	8°30	9°40	n.a.	F 20
S 21	17 39 57	24°17'21	12♑12	6°12	25°58	3°55	26° 3	19°27	28°46	19°39	20°29	9°17	8°27	9°47	n.a.	S 21
S 22	17 43 53	25°14'34	26°28	8° 6	27°12	4°35	26° 2	19°33	28°45	19°40	20°31	9°15	8°24	9°54	n.a.	S 22
M23	17 47 50	26°11'47	10♒52	9°58	28°25	5°14	26° 1	19°38	28°45	19°41	20°32	9°13	8°21	10° 0	n.a.	M23
T 24	17 51 47	27° 9'02	25°18	11°48	29°39	5°54	26° 0	19°43	28°44	19°42	20°34	9°11	8°18	10° 7	n.a.	T 24
W25	17 55 43	28° 6'17	9♓42	13°37	0♋53	6°33	26° 0	19°49	28°43	19°43	20°35	9°10	8°14	10°14	n.a.	W25
T 26	17 59 40	29° 3'33	24° 0	15°24	2° 7	7°13	26° 0	19°54	28°42	19°45	20°37	9°D 9	8°11	10°21	n.a.	T 26
F 27	18 3 36	0♋ 0'51	8♈ 9	17° 9	3°21	7°52	25°D59	20° 0	28°42	19°46	20°38	9° 9	8° 8	10°27	n.a.	F 27
S 28	18 7 33	0°58'10	22° 7	18°53	4°35	8°32	25°59	20° 5	28°41	19°47	20°40	9°10	8° 5	10°34	n.a.	S 28
S 29	18 11 29	1°55'30	5♉54	20°35	5°49	9°11	26° 0	20°11	28°40	19°48	20°41	9°11	8° 2	10°41	n.a.	S 29
M30	18 15 26	2♋52'51	19♉28	22♋15	7♋ 3	9♊50	26♎ 0	20♌17	28♒39	19♈48	20♌43	9♐13	7♐59	10♍47	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n26	13n23	3n39	18n59	0s 8	20n40	0s 1	18n17	0n11	9s27	1n10	17n27	1n55	12s45	0s46	5n48	1s56	29n17	15n12	22s 6	22s 9	4n 4		n.a.
M 2	21 36	17 20	2 37	19 40	0n 3	20 57	0n 1	18 28	0 11	9 25	1 10	17 26	1 55	12 45	0 46	5 49	1 56	29 16	15 12	22 6	22 8	4 2		n.a.
T 3	21 46	20 14	1 27	20 19	0 14	21 14	0 4	18 40	0 12	9 24	1 10	17 25	1 55	12 45	0 47	5 50	1 56	29 16	15 11	22 6	22 8	3 59		n.a.
W 4	21 55	21 56	0 13	20 57	0 24	21 30	0 6	18 51	0 13	9 23	1 10	17 23	1 55	12 45	0 47	5 50	1 56	29 15	15 11	22 6	22 7	3 57		n.a.
T 5	22 4	22 22	1s 0	21 33	0 35	21 45	0 9	19 2	0 13	9 21	1 9	17 22	1 55	12 45	0 47	5 51	1 56	29 14	15 11	22 6	22 7	3 54		n.a.
F 6	22 13	21 33	2 8	22 7	0 44	22 0	0 11	19 12	0 14	9 20	1 9	17 20	1 54	12 45	0 47	5 51	1 56	29 13	15 10	22 6	22 6	3 52		n.a.
S 7	22 21	19 39	3 9	22 39	0 53	22 14	0 13	19 23	0 14	9 19	1 9	17 19	1 54	12 45	0 47	5 52	1 56	29 13	15 10	22 6	22 6	3 49		n.a.
S 8	22 29	16 51	3 59	23 8	1 2	22 28	0 16	19 33	0 15	9 18	1 9	17 18	1 54	12 45	0 47	5 52	1 56	29 12	15 9	22 6	22 5	3 47		n.a.
M 9	22 37	13 23	4 38	23 35	1 10	22 41	0 18	19 44	0 16	9 17	1 8	17 16	1 54	12 45	0 47	5 53	1 56	29 11	15 9	22 6	22 5	3 44		n.a.
T 10	22 44	9 25	5 3	23 59	1 17	22 53	0 20	19 54	0 16	9 16	1 8	17 15	1 54	12 45	0 47	5 53	1 56	29 11	15 9	22 6	22 4	3 42		n.a.
W11	22 51	5 7	5 16	24 21	1 24	23 5	0 22	20 4	0 17	9 15	1 8	17 13	1 54	12 45	0 47	5 54	1 56	29 10	15 8	22 6	22 4	3 39		n.a.
T 12	22 57	0 39	5 14	24 40	1 30	23 16	0 25	20 13	0 17	9 14	1 7	17 12	1 54	12 45	0 47	5 55	1 56	29 9	15 8	22 6	22 3	3 37		n.a.
F 13	23 3	3s51	5 0	24 56	1 35	23 26	0 27	20 23	0 18	9 14	1 7	17 10	1 54	12 45	0 47	5 55	1 56	29 8	15 8	22 6	22 3	3 34		n.a.
S 14	23 8	8 16	4 32	25 9	1 40	23 36	0 29	20 33	0 19	9 13	1 7	17 8	1 53	12 45	0 47	5 55	1 57	29 8	15 7	22 6	22 2	3 32		n.a.
S 15	23 14	12 25	3 51	25 19	1 43	23 45	0 31	20 42	0 19	9 12	1 7	17 7	1 53	12 45	0 47	5 56	1 57	29 7	15 7	22 6	22 2	3 29		n.a.
M16	23 18	16 8	2 59	25 27	1 47	23 53	0 34	20 51	0 20	9 12	1 6	17 5	1 53	12 46	0 47	5 56	1 57	29 6	15 6	22 6	22 1	3 27		n.a.
T 17	23 23	19 12	1 56	25 32	1 49	24 1	0 36	21 0	0 21	9 11	1 6	17 3	1 53	12 46	0 47	5 57	1 57	29 5	15 6	22 7	22 1	3 24		n.a.
W18	23 27	21 20	0 46	25 34	1 51	24 8	0 38	21 9	0 21	9 11	1 6	17 2	1 53	12 46	0 47	5 57	1 57	29 4	15 6	22 7	22 0	3 22		n.a.
T 19	23 30	22 20	0n28	25 34	1 52	24 14	0 40	21 17	0 22	9 11	1 6	17 0	1 53	12 46	0 47	5 58	1 57	29 4	15 5	22 7	22 0	3 19		n.a.
F 20	23 33	22 1	1 42	25 31	1 52	24 19	0 42	21 25	0 22	9 10	1 5	16 58	1 53	12 46	0 47	5 58	1 57	29 3	15 5	22 7	21 59	3 17		n.a.
S 21	23 36	20 18	2 52	25 26	1 52	24 24	0 44	21 34	0 23	9 10	1 5	16 57	1 53	12 47	0 47	5 59	1 57	29 2	15 5	22 6	21 59	3 14		n.a.
S 22	23 38	17 19	3 52	25 19	1 51	24 28	0 46	21 42	0 24	9 10	1 5	16 55	1 53	12 47	0 47	5 59	1 57	29 1	15 4	22 6	21 58	3 12		n.a.
M23	23 40	13 16	4 37	25 10	1 49	24 31	0 48	21 50	0 24	9 10	1 4	16 53	1 53	12 47	0 47	5 59	1 57	29 1	15 4	22 6	21 58	3 9		n.a.
T 24	23 42	8 26	5 6	24 59	1 47	24 34	0 50	21 57	0 25	9 10	1 4	16 51	1 53	12 48	0 47	6 0	1 57	29 0	15 4	22 6	21 57	3 6		n.a.
W25	23 43	3 10	5 15	24 45	1 45	24 35	0 52	22 5	0 25	9 10	1 4	16 49	1 52	12 48	0 47	6 0	1 57	28 59	15 3	22 5	21 57	3 4		n.a.
T 26	23 43	2n15	5 5	24 31	1 42	24 36	0 54	22 12	0 26	9 10	1 4	16 48	1 52	12 48	0 47	6 0	1 57	28 58	15 3	22 5	21 56	3 1		n.a.
F 27	23 44	7 29	4 36	24 14	1 38	24 37	0 56	22 19	0 27	9 10	1 3	16 46	1 52	12 48	0 47	6 1	1 57	28 57	15 3	22 5	21 56	2 59		n.a.
S 28	23 43	12 17	3 51	23 56	1 34	24 36	0 58	22 26	0 27	9 11	1 3	16 44	1 52	12 49	0 47	6 1	1 57	28 56	15 2	22 5	21 55	2 56		n.a.
S 29	23 43	16 22	2 53	23 36	1 29	24 35	0 59	22 33	0 28	9 11	1 3	16 42	1 52	12 49	0 47	6 1	1 57	28 56	15 2	22 6	21 55	2 54		n.a.
M30	23n42	19n31	1n47	23n15	1n24	24n33	1n 1	22n40	0n28	9s11	1n 2	16n40	1n52	12s50	0s48	6n 2	1s57	28n55	15n 2	22s 6	21s54	2n51		n.a.

Julian Day Number = 1626609.5, Delta T = 03h44m22s
Ecliptic obliquity = 23°43'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'15, Lahiri = - 7°32'15 Julian Calendar 1 June 260 BCE == Greg. Calendar 28 May 260 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

JULY 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 19 22	3♋50'14	2♊49	23♋53	8♋17	10♊29	26♎ 1	20♌23	28°R38	19♈49	20♌44	9°R14	7♐55	10♏54	n.a.	T 1
W 2	18 23 19	4°47'37	15°57	25°30	9°31	11° 8	26° 1	20°29	28♒36	19°50	20°46	9♐13	7°52	11° 1	n.a.	W 2
T 3	18 27 16	5°45'02	28°53	27° 5	10°45	11°48	26° 2	20°34	28°35	19°51	20°48	9°12	7°49	11° 8	n.a.	T 3
F 4	18 31 12	6°42'28	11♋36	28°38	12° 0	12°27	26° 3	20°40	28°34	19°52	20°49	9°10	7°46	11°14	n.a.	F 4
S 5	18 35 9	7°39'55	24° 6	0♌10	13°14	13° 6	26° 5	20°46	28°33	19°53	20°51	9° 6	7°43	11°21	n.a.	S 5
S 6	18 39 5	8°37'23	6♌24	1°40	14°28	13°45	26° 6	20°52	28°32	19°53	20°53	9° 1	7°39	11°28	n.a.	S 6
M 7	18 43 2	9°34'52	18°32	3° 8	15°42	14°24	26° 8	20°59	28°30	19°54	20°55	8°56	7°36	11°35	n.a.	M 7
T 8	18 46 58	10°32'22	0♍31	4°35	16°56	15° 3	26°10	21° 5	28°29	19°55	20°56	8°51	7°33	11°41	n.a.	T 8
W 9	18 50 55	11°29'53	12°25	6° 0	18°10	15°42	26°12	21°11	28°28	19°55	20°58	8°47	7°30	11°48	n.a.	W 9
T 10	18 54 51	12°27'25	24°17	7°23	19°24	16°20	26°14	21°17	28°26	19°56	21° 0	8°43	7°27	11°55	n.a.	T 10
F 11	18 58 48	13°24'58	6♎11	8°44	20°38	16°59	26°16	21°24	28°25	19°57	21° 2	8°42	7°24	12° 1	n.a.	F 11
S 12	19 2 45	14°22'32	18°12	10° 3	21°53	17°38	26°19	21°30	28°23	19°57	21° 4	8°D42	7°20	12° 8	n.a.	S 12
S 13	19 6 41	15°20'07	0♏25	11°21	23° 7	18°17	26°22	21°36	28°22	19°58	21° 5	8°43	7°17	12°15	n.a.	S 13
M14	19 10 38	16°17'44	12°54	12°36	24°21	18°55	26°25	21°43	28°20	19°58	21° 7	8°44	7°14	12°22	n.a.	M14
T 15	19 14 34	17°15'21	25°43	13°50	25°35	19°34	26°28	21°49	28°18	19°59	21° 9	8°46	7°11	12°28	n.a.	T 15
W16	19 18 31	18°13'00	8♐56	15° 1	26°49	20°13	26°31	21°56	28°17	19°59	21°11	8°R46	7° 8	12°35	n.a.	W16
T 17	19 22 27	19°10'40	22°35	16°10	28° 3	20°51	26°34	22° 2	28°15	20° 0	21°13	8°45	7° 4	12°42	n.a.	T 17
F 18	19 26 24	20° 8'21	6♑39	17°17	29°18	21°30	26°38	22° 9	28°13	20° 0	21°15	8°43	7° 1	12°49	n.a.	F 18
S 19	19 30 20	21° 6'04	21° 4	18°22	0♌32	22° 8	26°42	22°16	28°12	20° 0	21°17	8°38	6°58	12°55	n.a.	S 19
S 20	19 34 17	22° 3'48	5♒47	19°24	1°46	22°47	26°46	22°22	28°10	20° 0	21°19	8°32	6°55	13° 2	n.a.	S 20
M21	19 38 14	23° 1'34	20°37	20°23	3° 0	23°25	26°50	22°29	28° 8	20° 1	21°21	8°26	6°52	13° 9	n.a.	M21
T 22	19 42 10	23°59'21	5♓29	21°20	4°15	24° 3	26°54	22°36	28° 6	20° 1	21°23	8°19	6°49	13°15	n.a.	T 22
W23	19 46 7	24°57'10	20°13	22°14	5°29	24°42	26°59	22°43	28° 4	20° 1	21°25	8°14	6°45	13°22	n.a.	W23
T 24	19 50 3	25°55'01	4♈43	23° 5	6°43	25°20	27° 3	22°50	28° 2	20° 1	21°27	8°10	6°42	13°29	n.a.	T 24
F 25	19 54 0	26°52'54	18°56	23°52	7°57	25°58	27° 8	22°56	28° 0	20° 1	21°29	8° 8	6°39	13°36	n.a.	F 25
S 26	19 57 56	27°50'49	2♉49	24°37	9°12	26°37	27°13	23° 3	27°58	20° 2	21°31	8°D 8	6°36	13°42	n.a.	S 26
S 27	20 1 53	28°48'46	16°24	25°17	10°26	27°15	27°18	23°10	27°56	20° 2	21°33	8° 9	6°33	13°49	n.a.	S 27
M28	20 5 49	29°46'45	29°41	25°54	11°40	27°53	27°23	23°17	27°54	20°R 2	21°35	8°10	6°30	13°56	n.a.	M28
T 29	20 9 46	0♌44'46	12♊42	26°27	12°55	28°31	27°29	23°24	27°52	20° 2	21°37	8°R10	6°26	14° 2	n.a.	T 29
W30	20 13 43	1°42'49	25°30	26°55	14° 9	29° 9	27°34	23°31	27°50	20° 2	21°39	8° 9	6°23	14° 9	n.a.	W30
T 31	20 17 39	2♌40'54	8♋ 6	27♌19	15♌23	29♊47	27♎40	23♌38	27♒48	20♈ 2	21♌41	8♐ 5	6♐20	14♏16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n40	21n33	0n35	22n53	1n19	24n30	1n 3	22n46	0n29	9s12	1n 2	16n38	1n52	12s50	0s48	6n 2	1s58	28n54	15n 2	22s 6	21s54	2n49			n.a.
W 2	23 38	22 22	0s37	22 30	1 13	24 27	1 4	22 52	0 30	9 12	1 2	16 36	1 52	12 50	0 48	6 2	1 58	28 53	15 1	22 6	21 53	2 46			n.a.
T 3	23 36	21 57	1 46	22 5	1 7	24 23	1 6	22 58	0 30	9 13	1 2	16 34	1 52	12 51	0 48	6 2	1 58	28 52	15 1	22 6	21 52	2 44			n.a.
F 4	23 33	20 25	2 48	21 40	1 0	24 18	1 7	23 4	0 31	9 14	1 1	16 32	1 52	12 51	0 48	6 3	1 58	28 51	15 1	22 5	21 52	2 41			n.a.
S 5	23 30	17 55	3 41	21 13	0 53	24 12	1 9	23 10	0 31	9 15	1 1	16 30	1 52	12 52	0 48	6 3	1 58	28 51	15 1	22 5	21 51	2 39			n.a.
S 6	23 26	14 39	4 23	20 46	0 46	24 6	1 10	23 15	0 32	9 15	1 1	16 28	1 52	12 52	0 48	6 3	1 58	28 50	15 0	22 4	21 51	2 36			n.a.
M 7	23 22	10 49	4 52	20 19	0 38	23 58	1 12	23 20	0 33	9 16	1 0	16 26	1 52	12 53	0 48	6 3	1 58	28 49	15 0	22 3	21 50	2 34			n.a.
T 8	23 18	6 37	5 8	19 50	0 30	23 51	1 13	23 26	0 33	9 17	1 0	16 24	1 51	12 53	0 48	6 4	1 58	28 48	15 0	22 2	21 50	2 31			n.a.
W 9	23 13	2 12	5 11	19 21	0 22	23 42	1 14	23 30	0 34	9 18	1 0	16 22	1 51	12 54	0 48	6 4	1 58	28 47	14 59	22 2	21 49	2 29			n.a.
T 10	23 8	2s17	5 0	18 52	0 14	23 33	1 15	23 35	0 34	9 19	1 0	16 20	1 51	12 54	0 48	6 4	1 58	28 46	14 59	22 1	21 49	2 26			n.a.
F 11	23 2	6 43	4 37	18 22	0 5	23 23	1 16	23 40	0 35	9 20	0 59	16 18	1 51	12 55	0 48	6 4	1 58	28 46	14 59	22 1	21 48	2 24			n.a.
S 12	22 56	10 55	4 1	17 52	0s 4	23 12	1 18	23 44	0 36	9 22	0 59	16 15	1 51	12 55	0 48	6 4	1 58	28 45	14 59	22 1	21 48	2 21			n.a.
S 13	22 50	14 46	3 13	17 22	0 13	23 1	1 19	23 48	0 36	9 23	0 59	16 13	1 51	12 56	0 48	6 4	1 58	28 44	14 59	22 1	21 47	2 19			n.a.
M14	22 43	18 3	2 16	16 52	0 23	22 49	1 20	23 52	0 37	9 24	0 59	16 11	1 51	12 57	0 48	6 4	1 58	28 43	14 58	22 1	21 47	2 16			n.a.
T 15	22 36	20 33	1 10	16 22	0 32	22 36	1 21	23 56	0 37	9 25	0 58	16 9	1 51	12 57	0 48	6 5	1 58	28 42	14 58	22 2	21 46	2 14			n.a.
W16	22 28	22 2	0n 1	15 51	0 42	22 22	1 21	23 59	0 38	9 27	0 58	16 7	1 51	12 58	0 48	6 5	1 58	28 41	14 58	22 2	21 46	2 11			n.a.
T 17	22 20	22 17	1 14	15 21	0 52	22 8	1 22	24 3	0 39	9 28	0 58	16 5	1 51	12 58	0 48	6 5	1 59	28 41	14 58	22 2	21 45	2 9			n.a.
F 18	22 12	21 8	2 25	14 51	1 2	21 54	1 23	24 6	0 39	9 30	0 57	16 2	1 51	12 59	0 48	6 5	1 59	28 40	14 58	22 1	21 45	2 6			n.a.
S 19	22 3	18 37	3 29	14 22	1 12	21 38	1 24	24 9	0 40	9 32	0 57	16 0	1 51	13 0	0 48	6 5	1 59	28 39	14 57	22 0	21 44	2 4			n.a.
S 20	21 54	14 52	4 20	13 52	1 23	21 22	1 24	24 12	0 40	9 33	0 57	15 58	1 51	13 0	0 48	6 5	1 59	28 38	14 57	21 59	21 43	2 1			n.a.
M21	21 44	10 9	4 53	13 24	1 33	21 6	1 25	24 15	0 41	9 35	0 57	15 56	1 51	13 1	0 48	6 5	1 59	28 37	14 57	21 58	21 43	1 59			n.a.
T 22	21 34	4 51	5 8	12 55	1 44	20 48	1 25	24 17	0 42	9 37	0 56	15 53	1 51	13 2	0 48	6 5	1 59	28 36	14 57	21 57	21 42	1 56			n.a.
W23	21 24	0n41	5 1	12 28	1 54	20 31	1 26	24 19	0 42	9 39	0 56	15 51	1 51	13 2	0 48	6 5	1 59	28 35	14 57	21 57	21 42	1 54			n.a.
T 24	21 13	6 6	4 36	12 1	2 5	20 12	1 26	24 21	0 43	9 41	0 56	15 49	1 51	13 3	0 48	6 5	1 59	28 35	14 57	21 56	21 41	1 51			n.a.
F 25	21 2	11 6	3 54	11 36	2 16	19 53	1 26	24 23	0 43	9 43	0 56	15 46	1 51	13 4	0 48	6 5	1 59	28 34	14 56	21 56	21 41	1 49			n.a.
S 26	20 50	15 23	2 58	11 11	2 26	19 33	1 27	24 25	0 44	9 45	0 55	15 44	1 51	13 4	0 48	6 5	1 59	28 33	14 56	21 56	21 40	1 46			n.a.
S 27	20 39	18 46	1 54	10 47	2 36	19 13	1 27	24 26	0 45	9 47	0 55	15 42	1 51	13 5	0 48	6 5	1 59	28 32	14 56	21 56	21 40	1 44			n.a.
M28	20 26	21 4	0 46	10 25	2 47	18 53	1 27	24 28	0 45	9 49	0 55	15 39	1 51	13 6	0 48	6 5	1 59	28 31	14 56	21 56	21 39	1 42			n.a.
T 29	20 14	22 11	0s24	10 5	2 57	18 31	1 27	24 29	0 46	9 51	0 55	15 37	1 51	13 7	0 48	6 5	1 59	28 30	14 56	21 56	21 39	1 39			n.a.
W30	20 1	22 7	1 32	9 46	3 7	18 10	1 27	24 30	0 46	9 53	0 54	15 35	1 51	13 7	0 48	6 5	1 59	28 30	14 56	21 56	21 38	1 37			n.a.
T 31	19n48	20n55	2s33	9n29	3s16	17n48	1n27	24n31	0n47	9s56	0n54	15n32	1n51	13s 8	0s48	6n 5	1s59	28n29	14n56	21s55	21s37	1n34			n.a.

Julian Day Number = 1626639.5, Delta T = 03h44m21s
Ecliptic obliquity = 23°43'32, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'11, Lahiri = - 7°32'11 Julian Calendar 1 July 260 BCE == Greg. Calendar 27 June 260 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

AUGUST 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 21 36	3♌39'01	20♋32	27♌38	16♌38	0♋25	27♎46	23♌45	27°R46	20°R 1	21♌44	7°R58	6♐17	14♍23	n.a.	F 1
S 2	20 25 32	4°37'10	2♌49	27°52	17°52	1° 3	27°52	23°53	27♒44	20♈ 1	21°46	7♐50	6°14	14°29	n.a.	S 2
S 3	20 29 29	5°35'20	14°58	28° 0	19° 6	1°41	27°58	24° 0	27°42	20° 1	21°48	7°39	6°10	14°36	n.a.	S 3
M 4	20 33 25	6°33'32	26°59	28°R 3	20°21	2°19	28° 4	24° 7	27°40	20° 1	21°50	7°28	6° 7	14°43	n.a.	M 4
T 5	20 37 22	7°31'46	8♍55	27°59	21°35	2°57	28°11	24°14	27°37	20° 1	21°52	7°17	6° 4	14°50	n.a.	T 5
W 6	20 41 18	8°30'02	20°47	27°50	22°49	3°35	28°17	24°21	27°35	20° 0	21°54	7° 7	6° 1	14°56	n.a.	W 6
T 7	20 45 15	9°28'19	2♎37	27°34	24° 4	4°12	28°24	24°28	27°33	20° 0	21°56	6°59	5°58	15° 3	n.a.	T 7
F 8	20 49 12	10°26'38	14°30	27°11	25°18	4°50	28°31	24°36	27°31	20° 0	21°59	6°53	5°55	15°10	n.a.	F 8
S 9	20 53 8	11°24'59	26°28	26°42	26°32	5°28	28°38	24°43	27°28	19°59	22° 1	6°50	5°51	15°16	n.a.	S 9
S 10	20 57 5	12°23'21	8♏37	26° 7	27°47	6° 6	28°45	24°50	27°26	19°59	22° 3	6°D49	5°48	15°23	n.a.	S 10
M11	21 1 1	13°21'46	21° 2	25°25	29° 1	6°43	28°53	24°57	27°24	19°59	22° 5	6°49	5°45	15°30	n.a.	M11
T 12	21 4 58	14°20'12	3♐47	24°38	0♍15	7°21	29° 0	25° 5	27°21	19°58	22° 7	6°R49	5°42	15°37	n.a.	T 12
W13	21 8 54	15°18'39	16°58	23°46	1°30	7°58	29° 8	25°12	27°19	19°58	22°10	6°49	5°39	15°43	n.a.	W13
T 14	21 12 51	16°17'09	0♑37	22°49	2°44	8°36	29°15	25°19	27°17	19°57	22°12	6°47	5°36	15°50	n.a.	T 14
F 15	21 16 47	17°15'40	14°45	21°49	3°58	9°13	29°23	25°27	27°14	19°57	22°14	6°42	5°32	15°57	n.a.	F 15
S 16	21 20 44	18°14'13	29°20	20°47	5°13	9°51	29°31	25°34	27°12	19°56	22°16	6°35	5°29	16° 3	n.a.	S 16
S 17	21 24 41	19°12'48	14♒18	19°43	6°27	10°28	29°39	25°41	27°10	19°55	22°18	6°26	5°26	16°10	n.a.	S 17
M18	21 28 37	20°11'25	29°29	18°41	7°41	11° 5	29°48	25°49	27° 7	19°55	22°21	6°16	5°23	16°17	n.a.	M18
T 19	21 32 34	21°10'04	14♓42	17°41	8°56	11°43	29°56	25°56	27° 5	19°54	22°23	6° 5	5°20	16°24	n.a.	T 19
W20	21 36 30	22° 8'45	29°47	16°44	10°10	12°20	0♏ 4	26° 4	27° 2	19°53	22°25	5°56	5°16	16°30	n.a.	W20
T 21	21 40 27	23° 7'29	14♈35	15°53	11°24	12°57	0°13	26°11	27° 0	19°53	22°27	5°49	5°13	16°37	n.a.	T 21
F 22	21 44 23	24° 6'15	29° 0	15° 8	12°39	13°34	0°22	26°18	26°58	19°52	22°29	5°45	5°10	16°44	n.a.	F 22
S 23	21 48 20	25° 5'03	12♉59	14°31	13°53	14°11	0°31	26°26	26°55	19°51	22°32	5°43	5° 7	16°51	n.a.	S 23
S 24	21 52 16	26° 3'54	26°33	14° 2	15° 7	14°48	0°40	26°33	26°53	19°50	22°34	5°D43	5° 4	16°57	n.a.	S 24
M25	21 56 13	27° 2'47	9♊44	13°43	16°22	15°25	0°49	26°40	26°50	19°49	22°36	5°R43	5° 1	17° 4	n.a.	M25
T 26	22 0 9	28° 1'42	22°35	13°D33	17°36	16° 2	0°58	26°48	26°48	19°48	22°38	5°42	4°57	17°11	n.a.	T 26
W27	22 4 6	29° 0'40	5♋11	13°34	18°50	16°39	1° 7	26°55	26°46	19°47	22°41	5°39	4°54	17°17	n.a.	W27
T 28	22 8 3	29°59'41	17°33	13°45	20° 5	17°16	1°17	27° 3	26°43	19°47	22°43	5°34	4°51	17°24	n.a.	T 28
F 29	22 11 59	0♍58'43	29°46	14° 6	21°19	17°53	1°26	27°10	26°41	19°46	22°45	5°25	4°48	17°31	n.a.	F 29
S 30	22 15 56	1°57'48	11♌51	14°36	22°33	18°30	1°36	27°17	26°38	19°45	22°47	5°14	4°45	17°38	n.a.	S 30
S 31	22 19 52	2♍56'55	23♌51	15♌16	23♍48	19♋ 7	1♏45	27♌25	26♒36	19♈44	22♌49	5♐ 0	4♐42	17♍44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19n34	18n44	3s27	9n13	3s26	17n25	1n26	24n31	0n48	9s58	0n54	15n30	1n51	13s 9	0s48	6n 5	2s 0	28n28	14n56	21s54	21s37	1n32		n.a.	
S 2	19 20	15 43	4 9	9 0	3 34	17 2	1 26	24 31	0 48	10 0	0 54	15 27	1 51	13 10	0 48	6 4	2 0	28 27	14 56	21 53	21 36	1 29		n.a.	
S 3	19 6	12 4	4 40	8 50	3 43	16 38	1 26	24 32	0 49	10 3	0 53	15 25	1 51	13 10	0 48	6 4	2 0	28 26	14 55	21 51	21 36	1 27		n.a.	
M 4	18 51	7 59	4 59	8 42	3 50	16 14	1 26	24 32	0 49	10 5	0 53	15 23	1 51	13 11	0 48	6 4	2 0	28 26	14 55	21 49	21 35	1 24		n.a.	
T 5	18 36	3 38	5 3	8 37	3 57	15 49	1 25	24 32	0 50	10 8	0 53	15 20	1 51	13 12	0 48	6 4	2 0	28 25	14 55	21 47	21 35	1 22		n.a.	
W 6	18 21	0s49	4 55	8 34	4 3	15 24	1 25	24 31	0 51	10 10	0 53	15 18	1 51	13 13	0 48	6 4	2 0	28 24	14 55	21 46	21 34	1 19		n.a.	
T 7	18 6	5 14	4 34	8 35	4 8	14 59	1 24	24 31	0 51	10 13	0 52	15 15	1 51	13 14	0 48	6 4	2 0	28 23	14 55	21 44	21 34	1 17		n.a.	
F 8	17 50	9 29	4 1	8 39	4 12	14 33	1 23	24 30	0 52	10 16	0 52	15 13	1 51	13 14	0 49	6 4	2 0	28 22	14 55	21 43	21 33	1 14		n.a.	
S 9	17 34	13 23	3 17	8 47	4 14	14 7	1 23	24 29	0 52	10 19	0 52	15 10	1 51	13 15	0 49	6 3	2 0	28 22	14 55	21 43	21 32	1 12		n.a.	
S 10	17 17	16 49	2 24	8 58	4 15	13 40	1 22	24 28	0 53	10 21	0 52	15 8	1 51	13 16	0 49	6 3	2 0	28 21	14 55	21 42	21 32	1 9		n.a.	
M11	17 1	19 34	1 23	9 13	4 14	13 13	1 21	24 27	0 54	10 24	0 51	15 6	1 51	13 17	0 49	6 3	2 0	28 20	14 55	21 42	21 31	1 7		n.a.	
T 12	16 44	21 25	0 16	9 31	4 12	12 46	1 20	24 25	0 54	10 27	0 51	15 3	1 51	13 18	0 49	6 3	2 0	28 19	14 55	21 43	21 31	1 4		n.a.	
W13	16 26	22 11	0n54	9 52	4 7	12 18	1 19	24 24	0 55	10 30	0 51	15 1	1 51	13 18	0 49	6 2	2 0	28 18	14 55	21 42	21 30	1 2		n.a.	
T 14	16 9	21 41	2 3	10 17	4 1	11 50	1 18	24 22	0 55	10 33	0 51	14 58	1 51	13 19	0 49	6 2	2 0	28 18	14 55	21 42	21 30	0 59		n.a.	
F 15	15 51	19 48	3 7	10 44	3 53	11 22	1 17	24 20	0 56	10 36	0 50	14 56	1 51	13 20	0 49	6 2	2 0	28 17	14 55	21 41	21 29	0 57		n.a.	
S 16	15 33	16 37	4 1	11 14	3 42	10 53	1 16	24 18	0 57	10 39	0 50	14 53	1 51	13 21	0 49	6 2	2 1	28 16	14 55	21 40	21 28	0 54		n.a.	
S 17	15 14	12 17	4 39	11 45	3 30	10 24	1 15	24 15	0 57	10 42	0 50	14 51	1 51	13 22	0 49	6 1	2 1	28 15	14 55	21 39	21 28	0 52		n.a.	
M18	14 56	7 7	4 59	12 18	3 16	9 55	1 13	24 13	0 58	10 45	0 50	14 48	1 51	13 23	0 49	6 1	2 1	28 15	14 55	21 37	21 27	0 50		n.a.	
T 19	14 37	1 31	4 58	12 51	3 1	9 26	1 12	24 10	0 58	10 49	0 50	14 46	1 51	13 23	0 49	6 1	2 1	28 14	14 55	21 35	21 27	0 47		n.a.	
W20	14 18	4n 7	4 36	13 25	2 43	8 56	1 11	24 8	0 59	10 52	0 49	14 43	1 51	13 24	0 49	6 0	2 1	28 13	14 55	21 33	21 26	0 45		n.a.	
T 21	13 58	9 26	3 56	13 57	2 25	8 26	1 9	24 5	1 0	10 55	0 49	14 41	1 51	13 25	0 49	6 0	2 1	28 12	14 55	21 32	21 26	0 42		n.a.	
F 22	13 39	14 4	3 1	14 29	2 6	7 56	1 8	24 1	1 0	10 58	0 49	14 38	1 51	13 26	0 49	6 0	2 1	28 12	14 55	21 31	21 25	0 40		n.a.	
S 23	13 19	17 47	1 57	14 58	1 47	7 26	1 6	23 58	1 1	11 2	0 49	14 36	1 51	13 27	0 49	5 59	2 1	28 11	14 55	21 31	21 24	0 37		n.a.	
S 24	12 59	20 24	0 48	15 25	1 27	6 55	1 4	23 55	1 1	11 5	0 49	14 33	1 51	13 28	0 49	5 59	2 1	28 10	14 56	21 31	21 24	0 35		n.a.	
M25	12 39	21 50	0s21	15 50	1 8	6 24	1 3	23 51	1 2	11 8	0 48	14 31	1 51	13 28	0 49	5 59	2 1	28 10	14 56	21 31	21 23	0 32		n.a.	
T 26	12 18	22 3	1 28	16 11	0 48	5 53	1 1	23 47	1 3	11 12	0 48	14 28	1 51	13 29	0 49	5 58	2 1	28 9	14 56	21 31	21 23	0 30		n.a.	
W27	11 57	21 9	2 29	16 28	0 30	5 22	0 59	23 43	1 3	11 15	0 48	14 26	1 51	13 30	0 49	5 58	2 1	28 8	14 56	21 30	21 22	0 27		n.a.	
T 28	11 36	19 14	3 22	16 42	0 12	4 51	0 57	23 39	1 4	11 19	0 48	14 23	1 51	13 31	0 49	5 57	2 1	28 8	14 56	21 29	21 22	0 25		n.a.	
F 29	11 15	16 28	4 4	16 52	0n 5	4 20	0 55	23 35	1 4	11 22	0 47	14 21	1 51	13 32	0 49	5 57	2 1	28 7	14 56	21 28	21 21	0 23		n.a.	
S 30	10 54	13 2	4 35	16 59	0 21	3 48	0 53	23 30	1 5	11 26	0 47	14 18	1 51	13 33	0 49	5 57	2 1	28 6	14 56	21 26	21 20	0 20		n.a.	
S 31	10n33	9n 7	4s54	17n 1	0n35	3n17	0n51	23n26	1n 6	11s29	0n47	14n15	1n52	13s33	0s49	5n56	2s 1	28n 6	14n56	21s23	21s20	0n18		n.a.	

Julian Day Number = 1626670.5, Delta T = 03h44m20s
Ecliptic obliquity = 23°43'32, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'07, Lahiri = - 7°32'06 Julian Calendar 1 Aug. 260 BCE == Greg. Calendar 28 July 260 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

SEPTEMBER 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 23 49	3♍56'04	5♍47	16♌ 4	25♍ 2	19♋44	1♏55	27♌32	26°R34	19°R42	22♌52	4°R46	4♐38	17♍51	n.a.	M 1
T 2	22 27 45	4°55'16	17°39	17° 1	26°16	20°20	2° 5	27°39	26♒31	19♈41	22°54	4♐31	4°35	17°58	n.a.	T 2
W 3	22 31 42	5°54'29	29°30	18° 4	27°31	20°57	2°15	27°47	26°29	19°40	22°56	4°18	4°32	18° 4	n.a.	W 3
T 4	22 35 38	6°53'45	11♎21	19°14	28°45	21°34	2°26	27°54	26°26	19°39	22°58	4° 7	4°29	18°11	n.a.	T 4
F 5	22 39 35	7°53'02	23°15	20°30	29°59	22°10	2°36	28° 1	26°24	19°38	23° 0	3°58	4°26	18°18	n.a.	F 5
S 6	22 43 32	8°52'22	5♏14	21°51	1♎13	22°47	2°46	28° 9	26°22	19°37	23° 2	3°53	4°22	18°25	n.a.	S 6
S 7	22 47 28	9°51'43	17°22	23°17	2°28	23°23	2°57	28°16	26°19	19°36	23° 5	3°51	4°19	18°31	n.a.	S 7
M 8	22 51 25	10°51'07	29°44	24°46	3°42	24° 0	3° 7	28°23	26°17	19°34	23° 7	3°50	4°16	18°38	n.a.	M 8
T 9	22 55 21	11°50'32	12♐25	26°19	4°56	24°36	3°18	28°31	26°15	19°33	23° 9	3°50	4°13	18°45	n.a.	T 9
W10	22 59 18	12°49'59	25°28	27°54	6°10	25°12	3°29	28°38	26°12	19°32	23°11	3°49	4°10	18°51	n.a.	W10
T 11	23 3 14	13°49'29	9♑ 0	29°31	7°25	25°49	3°39	28°45	26°10	19°31	23°13	3°47	4° 7	18°58	n.a.	T 11
F 12	23 7 11	14°48'59	23° 1	1♍11	8°39	26°25	3°50	28°52	26° 8	19°29	23°15	3°43	4° 3	19° 5	n.a.	F 12
S 13	23 11 7	15°48'32	7♒31	2°51	9°53	27° 1	4° 1	29° 0	26° 6	19°28	23°17	3°36	4° 0	19°12	n.a.	S 13
S 14	23 15 4	16°48'07	22°27	4°33	11° 7	27°37	4°13	29° 7	26° 3	19°27	23°19	3°27	3°57	19°18	n.a.	S 14
M15	23 19 0	17°47'44	7♓42	6°15	12°21	28°13	4°24	29°14	26° 1	19°25	23°21	3°16	3°54	19°25	n.a.	M15
T 16	23 22 57	18°47'22	23° 3	7°58	13°36	28°49	4°35	29°21	25°59	19°24	23°23	3° 5	3°51	19°32	n.a.	T 16
W17	23 26 54	19°47'03	8♈21	9°41	14°50	29°25	4°46	29°28	25°57	19°22	23°25	2°56	3°47	19°39	n.a.	W17
T 18	23 30 50	20°46'46	23°23	11°24	16° 4	0♌ 1	4°58	29°35	25°55	19°21	23°27	2°48	3°44	19°45	n.a.	T 18
F 19	23 34 47	21°46'31	8♉ 2	13° 7	17°18	0°37	5° 9	29°42	25°53	19°19	23°29	2°44	3°41	19°52	n.a.	F 19
S 20	23 38 43	22°46'19	22°14	14°51	18°32	1°13	5°21	29°49	25°51	19°18	23°31	2°42	3°38	19°59	n.a.	S 20
S 21	23 42 40	23°46'09	5♊56	16°34	19°46	1°49	5°32	29°56	25°49	19°17	23°33	2°D41	3°35	20° 5	n.a.	S 21
M22	23 46 36	24°46'02	19°11	18°16	21° 0	2°25	5°44	0♍ 3	25°46	19°15	23°35	2°R42	3°32	20°12	n.a.	M22
T 23	23 50 33	25°45'57	2♋ 2	19°59	22°15	3° 0	5°56	0°10	25°44	19°14	23°37	2°41	3°28	20°19	n.a.	T 23
W24	23 54 29	26°45'54	14°34	21°41	23°29	3°36	6° 8	0°17	25°42	19°12	23°39	2°40	3°25	20°26	n.a.	W24
T 25	23 58 26	27°45'53	26°50	23°22	24°43	4°11	6°20	0°24	25°41	19°10	23°41	2°36	3°22	20°32	n.a.	T 25
F 26	0 2 23	28°45'55	8♌56	25° 3	25°57	4°47	6°32	0°31	25°39	19° 9	23°43	2°29	3°19	20°39	n.a.	F 26
S 27	0 6 19	29°45'59	20°54	26°44	27°11	5°22	6°44	0°37	25°37	19° 7	23°45	2°20	3°16	20°46	n.a.	S 27
S 28	0 10 16	0♎46'05	2♍48	28°24	28°25	5°58	6°56	0°44	25°35	19° 6	23°47	2° 9	3°13	20°52	n.a.	S 28
M29	0 14 12	1°46'13	14°40	0♎ 3	29°39	6°33	7° 8	0°51	25°33	19° 4	23°49	1°57	3° 9	20°59	n.a.	M29
T 30	0 18 9	2♎46'23	26♍32	1♎43	0♏53	7♌ 9	7♏21	0♍58	25♒31	19♈ 3	23♌51	1♐45	3♐ 6	21♍ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n11	4n52	4s59	16n59	0n49	2n45	0n49	23n21	1n 6	11s33	0n47	14n13	1n52	13s34	0s49	5n56	2s 1	28n 5	14n56	21s21	21s19	0n15		n.a.
T 2	9 49	0 28	4 52	16 53	1 1	2 13	0 47	23 16	1 7	11 37	0 47	14 10	1 52	13 35	0 49	5 55	2 1	28 4	14 57	21 18	21 19	0 13		n.a.
W 3	9 27	3s56	4 31	16 44	1 12	1 41	0 45	23 11	1 8	11 40	0 47	14 8	1 52	13 36	0 49	5 55	2 2	28 4	14 57	21 15	21 18	0 10		n.a.
T 4	9 5	8 12	3 59	16 31	1 21	1 10	0 43	23 6	1 8	11 44	0 46	14 5	1 52	13 37	0 49	5 54	2 2	28 3	14 57	21 13	21 17	0 8		n.a.
F 5	8 43	12 11	3 17	16 14	1 29	0 38	0 41	23 0	1 9	11 48	0 46	14 3	1 52	13 38	0 49	5 54	2 2	28 3	14 57	21 12	21 17	0 5		n.a.
S 6	8 20	15 42	2 25	15 55	1 37	0 6	0 38	22 55	1 9	11 52	0 46	14 0	1 52	13 38	0 49	5 53	2 2	28 2	14 57	21 11	21 16	0 3		n.a.
S 7	7 58	18 35	1 26	15 32	1 42	0s26	0 36	22 49	1 10	11 55	0 46	13 58	1 52	13 39	0 49	5 53	2 2	28 1	14 57	21 10	21 16	0 1		n.a.
M 8	7 35	20 41	0 22	15 6	1 47	0 58	0 34	22 44	1 11	11 59	0 46	13 55	1 52	13 40	0 49	5 52	2 2	28 1	14 58	21 10	21 15	0s 2		n.a.
T 9	7 12	21 48	0n45	14 38	1 51	1 30	0 31	22 38	1 11	12 3	0 45	13 53	1 52	13 41	0 49	5 52	2 2	28 0	14 58	21 10	21 14	0 4		n.a.
W10	6 49	21 47	1 52	14 7	1 54	2 2	0 29	22 32	1 12	12 7	0 45	13 51	1 52	13 41	0 49	5 51	2 2	28 0	14 58	21 10	21 14	0 7		n.a.
T 11	6 26	20 31	2 55	13 35	1 56	2 34	0 26	22 25	1 12	12 11	0 45	13 48	1 52	13 42	0 49	5 51	2 2	27 59	14 58	21 10	21 13	0 9		n.a.
F 12	6 3	17 58	3 49	13 0	1 57	3 6	0 24	22 19	1 13	12 15	0 45	13 46	1 53	13 43	0 48	5 50	2 2	27 59	14 58	21 9	21 13	0 12		n.a.
S 13	5 40	14 15	4 31	12 24	1 57	3 38	0 21	22 13	1 14	12 19	0 45	13 43	1 53	13 44	0 48	5 50	2 2	27 58	14 59	21 7	21 12	0 14		n.a.
S 14	5 16	9 32	4 56	11 46	1 56	4 10	0 19	22 6	1 14	12 23	0 44	13 41	1 53	13 45	0 48	5 49	2 2	27 58	14 59	21 6	21 11	0 17		n.a.
M15	4 53	4 9	5 0	11 6	1 55	4 42	0 16	21 59	1 15	12 27	0 44	13 38	1 53	13 45	0 48	5 49	2 2	27 57	14 59	21 4	21 11	0 19		n.a.
T 16	4 29	1n32	4 43	10 26	1 54	5 13	0 13	21 52	1 16	12 31	0 44	13 36	1 53	13 46	0 48	5 48	2 2	27 57	14 59	21 2	21 10	0 21		n.a.
W17	4 6	7 7	4 6	9 45	1 51	5 45	0 11	21 45	1 16	12 35	0 44	13 33	1 53	13 47	0 48	5 47	2 2	27 56	15 0	21 0	21 10	0 24		n.a.
T 18	3 42	12 10	3 12	9 2	1 48	6 16	0 8	21 38	1 17	12 39	0 44	13 31	1 53	13 47	0 48	5 47	2 2	27 56	15 0	20 58	21 9	0 26		n.a.
F 19	3 18	16 21	2 7	8 19	1 45	6 47	0 5	21 31	1 17	12 43	0 44	13 29	1 53	13 48	0 48	5 46	2 2	27 55	15 0	20 57	21 8	0 29		n.a.
S 20	2 54	19 26	0 55	7 36	1 41	7 18	0 3	21 24	1 18	12 47	0 43	13 26	1 53	13 49	0 48	5 46	2 2	27 55	15 0	20 57	21 8	0 31		n.a.
S 21	2 30	21 16	0s17	6 51	1 37	7 49	0s 0	21 16	1 19	12 51	0 43	13 24	1 54	13 50	0 48	5 45	2 2	27 54	15 1	20 57	21 7	0 34		n.a.
M22	2 6	21 50	1 27	6 7	1 33	8 20	0 3	21 9	1 19	12 55	0 43	13 21	1 54	13 50	0 48	5 44	2 2	27 54	15 1	20 57	21 7	0 36		n.a.
T 23	1 42	21 13	2 29	5 22	1 28	8 51	0 6	21 1	1 20	12 59	0 43	13 19	1 54	13 51	0 48	5 44	2 2	27 53	15 1	20 57	21 6	0 38		n.a.
W24	1 18	19 33	3 23	4 37	1 23	9 21	0 8	20 53	1 21	13 3	0 43	13 17	1 54	13 52	0 48	5 43	2 2	27 53	15 2	20 57	21 5	0 41		n.a.
T 25	0 54	17 0	4 7	3 51	1 18	9 51	0 11	20 45	1 21	13 7	0 43	13 14	1 54	13 52	0 48	5 43	2 2	27 53	15 2	20 56	21 5	0 43		n.a.
F 26	0 30	13 46	4 38	3 6	1 12	10 21	0 14	20 37	1 22	13 11	0 43	13 12	1 54	13 53	0 48	5 42	2 2	27 52	15 2	20 54	21 4	0 46		n.a.
S 27	0 6	10 0	4 57	2 20	1 7	10 51	0 17	20 29	1 23	13 15	0 42	13 10	1 54	13 53	0 48	5 41	2 2	27 52	15 3	20 53	21 4	0 48		n.a.
S 28	0s19	5 53	5 3	1 34	1 1	11 21	0 20	20 21	1 23	13 20	0 42	13 7	1 54	13 54	0 48	5 41	2 2	27 52	15 3	20 50	21 3	0 50		n.a.
M29	0 43	1 34	4 56	0 49	0 55	11 50	0 22	20 13	1 24	13 24	0 42	13 5	1 55	13 55	0 48	5 40	2 2	27 51	15 3	20 48	21 2	0 53		n.a.
T 30	1s 7	2s49	4s36	0n 3	0n49	12s19	0s25	20n 4	1n24	13s28	0n42	13n 3	1n55	13s55	0s48	5n39	2s 2	27n51	15n 4	20s46	21s 2	0s55		n.a.

Julian Day Number = 1626701.5, Delta T = 03h44m19s
Ecliptic obliquity = 23°43'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°39'03, Lahiri = - 7°32'02 Julian Calendar 1 Sept. 260 BCE == Greg. Calendar 28 Aug. 260 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

OCTOBER 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 22 5	3♎46'35	8♎25	3♎21	2♏ 7	7♌44	7♏33	1♍ 4	25°R30	19°R 1	23♌52	1°R34	3♐ 3	21♍13	n.a.	W 1
T 2	0 26 2	4°46'48	20°20	4°59	3°21	8°19	7°45	1°11	25♒28	18♈59	23°54	1♐25	3° 0	21°19	n.a.	T 2
F 3	0 29 58	5°47'04	2♏20	6°37	4°35	8°54	7°58	1°17	25°26	18°58	23°56	1°18	2°57	21°26	n.a.	F 3
S 4	0 33 55	6°47'22	14°26	8°14	5°49	9°29	8°10	1°24	25°24	18°56	23°58	1°14	2°53	21°33	n.a.	S 4
S 5	0 37 51	7°47'41	26°40	9°51	7° 3	10° 4	8°23	1°30	25°23	18°54	23°59	1°D12	2°50	21°39	n.a.	S 5
M 6	0 41 48	8°48'02	9♐ 7	11°28	8°17	10°39	8°35	1°37	25°21	18°53	24° 1	1°13	2°47	21°46	n.a.	M 6
T 7	0 45 45	9°48'25	21°48	13° 4	9°31	11°14	8°48	1°43	25°20	18°51	24° 3	1°14	2°44	21°53	n.a.	T 7
W 8	0 49 41	10°48'49	4♑49	14°39	10°45	11°49	9° 1	1°49	25°18	18°49	24° 4	1°R15	2°41	22° 0	n.a.	W 8
T 9	0 53 38	11°49'15	18°13	16°15	11°59	12°23	9°14	1°56	25°17	18°48	24° 6	1°15	2°38	22° 6	n.a.	T 9
F 10	0 57 34	12°49'42	2♒ 3	17°49	13°12	12°58	9°27	2° 2	25°15	18°46	24° 8	1°13	2°34	22°13	n.a.	F 10
S 11	1 1 31	13°50'10	16°19	19°24	14°26	13°33	9°39	2° 8	25°14	18°44	24° 9	1° 9	2°31	22°20	n.a.	S 11
S 12	1 5 27	14°50'40	0♓59	20°58	15°40	14° 7	9°52	2°14	25°13	18°43	24°11	1° 3	2°28	22°26	n.a.	S 12
M13	1 9 24	15°51'12	15°59	22°32	16°54	14°42	10° 5	2°20	25°11	18°41	24°12	0°57	2°25	22°33	n.a.	M13
T 14	1 13 20	16°51'44	1♈ 9	24° 6	18° 8	15°16	10°18	2°26	25°10	18°39	24°14	0°50	2°22	22°40	n.a.	T 14
W15	1 17 17	17°52'19	16°22	25°39	19°21	15°50	10°31	2°32	25° 9	18°37	24°15	0°43	2°18	22°47	n.a.	W15
T 16	1 21 14	18°52'55	1♉24	27°12	20°35	16°25	10°44	2°38	25° 8	18°36	24°17	0°38	2°15	22°53	n.a.	T 16
F 17	1 25 10	19°53'33	16° 9	28°45	21°49	16°59	10°58	2°44	25° 7	18°34	24°18	0°36	2°12	23° 0	n.a.	F 17
S 18	1 29 7	20°54'12	0♊29	0♏17	23° 3	17°33	11°11	2°49	25° 6	18°32	24°20	0°D35	2° 9	23° 7	n.a.	S 18
S 19	1 33 3	21°54'53	14°21	1°50	24°16	18° 7	11°24	2°55	25° 5	18°31	24°21	0°35	2° 6	23°13	n.a.	S 19
M20	1 37 0	22°55'36	27°45	3°22	25°30	18°41	11°37	3° 1	25° 4	18°29	24°23	0°37	2° 3	23°20	n.a.	M20
T 21	1 40 56	23°56'21	10♋43	4°53	26°43	19°15	11°50	3° 6	25° 3	18°27	24°24	0°38	1°59	23°27	n.a.	T 21
W22	1 44 53	24°57'08	23°19	6°25	27°57	19°48	12° 4	3°12	25° 2	18°26	24°25	0°R39	1°56	23°34	n.a.	W22
T 23	1 48 49	25°57'56	5♌37	7°56	29°11	20°22	12°17	3°17	25° 1	18°24	24°26	0°39	1°53	23°40	n.a.	T 23
F 24	1 52 46	26°58'46	17°42	9°27	0♐24	20°56	12°30	3°23	25° 0	18°22	24°28	0°37	1°50	23°47	n.a.	F 24
S 25	1 56 43	27°59'37	29°38	10°58	1°38	21°29	12°44	3°28	25° 0	18°21	24°29	0°33	1°47	23°54	n.a.	S 25
S 26	2 0 39	29° 0'30	11♍30	12°29	2°51	22° 3	12°57	3°33	24°59	18°19	24°30	0°28	1°44	24° 0	n.a.	S 26
M27	2 4 36	0♏ 1'24	23°21	13°59	4° 5	22°36	13°11	3°38	24°58	18°17	24°31	0°22	1°40	24° 7	n.a.	M27
T 28	2 8 32	1° 2'20	5♎13	15°29	5°18	23° 9	13°24	3°43	24°58	18°16	24°32	0°17	1°37	24°14	n.a.	T 28
W29	2 12 29	2° 3'17	17°10	16°59	6°32	23°42	13°38	3°48	24°57	18°14	24°34	0°12	1°34	24°21	n.a.	W29
T 30	2 16 25	3° 4'16	29°13	18°28	7°45	24°16	13°51	3°53	24°57	18°12	24°35	0° 7	1°31	24°27	n.a.	T 30
F 31	2 20 22	4♏ 5'16	11♏23	19♏57	8♐58	24♌49	14♏ 5	3♍58	24♒56	18♈11	24♌36	0♐ 5	1♐28	24♍34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1s31	7s 6	4s 4	0s42	0n42	12s47	0s28	19n56	1n25	13s32	0n42	13n 1	1n55	13s56	0s48	5n39	2s 2	27n51	15n 4	20s43	21s 1	0s58		n.a.
T 2	1 55	11 8	3 21	1 27	0 36	13 16	0 31	19 47	1 26	13 36	0 42	12 58	1 55	13 56	0 48	5 38	2 2	27 50	15 4	20 41	21 0	1 0		n.a.
F 3	2 19	14 45	2 28	2 12	0 30	13 44	0 34	19 38	1 26	13 41	0 41	12 56	1 55	13 57	0 48	5 38	2 3	27 50	15 5	20 40	21 0	1 2		n.a.
S 4	2 44	17 46	1 29	2 57	0 23	14 12	0 37	19 29	1 27	13 45	0 41	12 54	1 55	13 57	0 48	5 37	2 3	27 50	15 5	20 39	20 59	1 5		n.a.
S 5	3 8	20 2	0 24	3 42	0 17	14 39	0 39	19 20	1 28	13 49	0 41	12 52	1 56	13 58	0 48	5 36	2 3	27 49	15 5	20 39	20 59	1 7		n.a.
M 6	3 32	21 23	0n42	4 26	0 10	15 6	0 42	19 11	1 28	13 53	0 41	12 50	1 56	13 58	0 48	5 36	2 3	27 49	15 6	20 39	20 58	1 10		n.a.
T 7	3 56	21 40	1 49	5 10	0 4	15 33	0 45	19 2	1 29	13 58	0 41	12 47	1 56	13 59	0 48	5 35	2 3	27 49	15 6	20 39	20 57	1 12		n.a.
W 8	4 20	20 47	2 51	5 53	0s 3	15 59	0 48	18 53	1 30	14 2	0 41	12 45	1 56	13 59	0 48	5 34	2 3	27 49	15 7	20 39	20 57	1 15		n.a.
T 9	4 44	18 44	3 46	6 37	0 10	16 25	0 51	18 44	1 30	14 6	0 41	12 43	1 56	14 0	0 48	5 34	2 3	27 48	15 7	20 39	20 56	1 17		n.a.
F 10	5 8	15 34	4 30	7 19	0 16	16 50	0 53	18 35	1 31	14 10	0 41	12 41	1 56	14 0	0 48	5 33	2 3	27 48	15 7	20 39	20 55	1 19		n.a.
S 11	5 31	11 24	4 58	8 2	0 23	17 15	0 56	18 25	1 32	14 14	0 40	12 39	1 57	14 1	0 48	5 32	2 3	27 48	15 8	20 38	20 55	1 22		n.a.
S 12	5 55	6 27	5 8	8 44	0 29	17 40	0 59	18 16	1 32	14 19	0 40	12 37	1 57	14 1	0 48	5 32	2 3	27 48	15 8	20 37	20 54	1 24		n.a.
M13	6 19	1 2	4 58	9 25	0 36	18 4	1 1	18 6	1 33	14 23	0 40	12 35	1 57	14 2	0 48	5 31	2 3	27 48	15 9	20 36	20 54	1 26		n.a.
T 14	6 42	4n32	4 27	10 6	0 42	18 28	1 4	17 56	1 34	14 27	0 40	12 33	1 57	14 2	0 48	5 30	2 3	27 48	15 9	20 34	20 53	1 29		n.a.
W15	7 6	9 50	3 36	10 47	0 48	18 51	1 7	17 47	1 34	14 31	0 40	12 31	1 57	14 2	0 48	5 30	2 3	27 47	15 10	20 33	20 52	1 31		n.a.
T 16	7 29	14 28	2 32	11 27	0 55	19 13	1 9	17 37	1 35	14 36	0 40	12 29	1 57	14 3	0 48	5 29	2 3	27 47	15 10	20 32	20 52	1 34		n.a.
F 17	7 52	18 6	1 18	12 6	1 1	19 36	1 12	17 27	1 36	14 40	0 40	12 27	1 58	14 3	0 48	5 28	2 3	27 47	15 10	20 31	20 51	1 36		n.a.
S 18	8 15	20 30	0 1	12 45	1 7	19 57	1 15	17 17	1 37	14 44	0 40	12 25	1 58	14 3	0 48	5 28	2 3	27 47	15 11	20 31	20 50	1 38		n.a.
S 19	8 38	21 34	1s14	13 23	1 13	20 18	1 17	17 7	1 37	14 48	0 39	12 23	1 58	14 4	0 48	5 27	2 3	27 47	15 11	20 31	20 50	1 41		n.a.
M20	9 1	21 20	2 22	14 1	1 19	20 39	1 19	16 57	1 38	14 53	0 39	12 21	1 58	14 4	0 48	5 27	2 3	27 47	15 12	20 31	20 49	1 43		n.a.
T 21	9 24	19 57	3 21	14 37	1 24	20 59	1 22	16 47	1 39	14 57	0 39	12 19	1 58	14 4	0 47	5 26	2 3	27 47	15 12	20 32	20 48	1 46		n.a.
W22	9 46	17 36	4 8	15 14	1 30	21 18	1 24	16 37	1 39	15 1	0 39	12 18	1 59	14 5	0 47	5 25	2 3	27 47	15 13	20 32	20 48	1 48		n.a.
T 23	10 9	14 31	4 43	15 49	1 35	21 37	1 27	16 27	1 40	15 5	0 39	12 16	1 59	14 5	0 47	5 25	2 3	27 47	15 13	20 32	20 47	1 50		n.a.
F 24	10 31	10 53	5 4	16 24	1 40	21 56	1 29	16 17	1 41	15 10	0 39	12 14	1 59	14 5	0 47	5 24	2 3	27 47	15 14	20 31	20 47	1 53		n.a.
S 25	10 53	6 52	5 12	16 57	1 45	22 13	1 31	16 6	1 41	15 14	0 39	12 12	1 59	14 5	0 47	5 23	2 3	27 47	15 14	20 31	20 46	1 55		n.a.
S 26	11 15	2 37	5 6	17 30	1 50	22 30	1 33	15 56	1 42	15 18	0 39	12 11	2 0	14 5	0 47	5 23	2 3	27 47	15 15	20 30	20 45	1 57		n.a.
M27	11 37	1s43	4 47	18 2	1 54	22 47	1 36	15 46	1 43	15 22	0 38	12 9	2 0	14 6	0 47	5 22	2 3	27 47	15 15	20 28	20 45	2 0		n.a.
T 28	11 58	6 1	4 16	18 34	1 58	23 3	1 38	15 35	1 44	15 26	0 38	12 7	2 0	14 6	0 47	5 21	2 2	27 47	15 16	20 27	20 44	2 2		n.a.
W29	12 20	10 6	3 34	19 4	2 2	23 18	1 40	15 25	1 44	15 31	0 38	12 6	2 0	14 6	0 47	5 21	2 2	27 47	15 16	20 26	20 43	2 5		n.a.
T 30	12 41	13 50	2 41	19 33	2 6	23 32	1 42	15 14	1 45	15 35	0 38	12 4	2 0	14 6	0 47	5 20	2 2	27 47	15 17	20 25	20 43	2 7		n.a.
F 31	13s 2	17s 1	1s41	20s 1	2s 9	23s46	1s44	15n 4	1n46	15s39	0n38	12n 2	2n 1	14s 6	0s47	5n20	2s 2	27n47	15n17	20s25	20s42	2s 9		n.a.

Julian Day Number = 1626731.5, Delta T = 03h44m18s
Ecliptic obliquity = 23°43'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'58, Lahiri = - 7°31'58 Julian Calendar 1 Oct. 260 BCE == Greg. Calendar 27 Sept. 260 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

NOVEMBER 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 24 18	5♏ 6'16	23♏43	21♏25	10♐12	25♌21	14♏18	4♍ 3	24°R56	18°R 9	24♌37	0°R 3	1♐24	24♍41	n.a.	S 1
S 2	2 28 15	6° 7'18	6♐12	22°53	11°25	25°54	14°32	4° 8	24♒56	18♈ 7	24°38	0°D 3	1°21	24°47	n.a.	S 2
M 3	2 32 12	7° 8'21	18°53	24°20	12°38	26°27	14°46	4°12	24°55	18° 6	24°39	0♐ 4	1°18	24°54	n.a.	M 3
T 4	2 36 8	8° 9'25	1♑47	25°47	13°51	26°59	14°59	4°17	24°55	18° 4	24°40	0° 6	1°15	25° 1	n.a.	T 4
W 5	2 40 5	9°10'29	14°56	27°12	15° 5	27°32	15°13	4°21	24°55	18° 3	24°41	0° 7	1°12	25° 8	n.a.	W 5
T 6	2 44 1	10°11'34	28°22	28°36	16°18	28° 4	15°26	4°26	24°55	18° 1	24°41	0° 8	1° 9	25°14	n.a.	T 6
F 7	2 47 58	11°12'40	12♒ 7	29°59	17°31	28°37	15°40	4°30	24°55	18° 0	24°42	0°R 9	1° 5	25°21	n.a.	F 7
S 8	2 51 54	12°13'46	26°10	1♐21	18°44	29° 9	15°54	4°34	24°D55	17°58	24°43	0° 8	1° 2	25°28	n.a.	S 8
S 9	2 55 51	13°14'53	10♓30	2°41	19°57	29°41	16° 7	4°38	24°55	17°57	24°44	0° 7	0°59	25°34	n.a.	S 9
M10	2 59 47	14°16'00	25° 6	3°59	21°10	0♍13	16°21	4°42	24°55	17°55	24°44	0° 5	0°56	25°41	n.a.	M10
T 11	3 3 44	15°17'08	9♈51	5°15	22°23	0°44	16°35	4°46	24°55	17°54	24°45	0° 3	0°53	25°48	n.a.	T 11
W12	3 7 41	16°18'16	24°40	6°28	23°36	1°16	16°48	4°50	24°55	17°52	24°46	0° 1	0°50	25°55	n.a.	W12
T 13	3 11 37	17°19'25	9♉25	7°37	24°49	1°48	17° 2	4°54	24°55	17°51	24°46	29♏59	0°46	26° 1	n.a.	T 13
F 14	3 15 34	18°20'35	23°58	8°44	26° 1	2°19	17°16	4°58	24°56	17°49	24°47	29°D59	0°43	26° 8	n.a.	F 14
S 15	3 19 30	19°21'45	8♊13	9°46	27°14	2°50	17°29	5° 1	24°56	17°48	24°48	29°59	0°40	26°15	n.a.	S 15
S 16	3 23 27	20°22'56	22° 7	10°43	28°27	3°22	17°43	5° 5	24°56	17°46	24°48	29°59	0°37	26°21	n.a.	S 16
M17	3 27 23	21°24'08	5♋36	11°35	29°39	3°53	17°57	5° 8	24°57	17°45	24°49	0♐ 1	0°34	26°28	n.a.	M17
T 18	3 31 20	22°25'21	18°40	12°21	0♑52	4°24	18°10	5°11	24°57	17°44	24°49	0° 2	0°30	26°35	n.a.	T 18
W19	3 35 16	23°26'34	1♌22	12°59	2° 4	4°55	18°24	5°15	24°58	17°42	24°50	0° 2	0°27	26°42	n.a.	W19
T 20	3 39 13	24°27'48	13°46	13°30	3°17	5°25	18°38	5°18	24°58	17°41	24°50	0° 3	0°24	26°48	n.a.	T 20
F 21	3 43 10	25°29'02	25°54	13°52	4°29	5°56	18°51	5°21	24°59	17°40	24°50	0°R 3	0°21	26°55	n.a.	F 21
S 22	3 47 6	26°30'17	7♍51	14° 4	5°42	6°26	19° 5	5°24	25° 0	17°39	24°51	0° 3	0°18	27° 2	n.a.	S 22
S 23	3 51 3	27°31'32	19°43	14°R 5	6°54	6°56	19°19	5°27	25° 0	17°37	24°51	0° 3	0°15	27° 8	n.a.	S 23
M24	3 54 59	28°32'49	1♎34	13°55	8° 6	7°27	19°32	5°29	25° 1	17°36	24°51	0° 2	0°11	27°15	n.a.	M24
T 25	3 58 56	29°34'05	13°28	13°34	9°18	7°57	19°46	5°32	25° 2	17°35	24°52	0°D 2	0° 8	27°22	n.a.	T 25
W26	4 2 52	0♐35'22	25°29	13° 0	10°30	8°26	19°59	5°34	25° 3	17°34	24°52	0° 2	0° 5	27°28	n.a.	W26
T 27	4 6 49	1°36'39	7♏39	12°15	11°42	8°56	20°13	5°37	25° 4	17°33	24°52	0° 2	0° 2	27°35	n.a.	T 27
F 28	4 10 45	2°37'57	20° 2	11°20	12°54	9°26	20°27	5°39	25° 5	17°32	24°52	0° 2	29♏59	27°42	n.a.	F 28
S 29	4 14 42	3°39'14	2♐37	10°15	14° 6	9°55	20°40	5°41	25° 6	17°31	24°52	0°R 2	29°56	27°49	n.a.	S 29
S 30	4 18 39	4♐40'32	15♐27	9♐ 2	15♑18	10♍24	20♏54	5♍44	25♒ 7	17♈30	24♌52	0♐ 2	29♏52	27♍55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s23	19s29	0s35	20s28	2s12	23s59	1s45	14n53	1n46	15s43	0n38	12n 1	2n 1	14s 6	0s47	5n19	2s 2	27n47	15n18	20s24	20s41	2s12		n.a.
S 2	13 43	21 3	0n34	20 53	2 15	24 11	1 47	14 43	1 47	15 47	0 38	11 59	2 1	14 6	0 47	5 18	2 2	27 48	15 18	20 24	20 41	2 14		n.a.
M 3	14 4	21 34	1 42	21 18	2 17	24 23	1 49	14 32	1 48	15 51	0 38	11 58	2 1	14 6	0 47	5 18	2 2	27 48	15 19	20 24	20 40	2 16		n.a.
T 4	14 24	20 57	2 46	21 41	2 19	24 34	1 51	14 22	1 49	15 56	0 38	11 56	2 2	14 6	0 47	5 17	2 2	27 48	15 19	20 25	20 39	2 19		n.a.
W 5	14 43	19 11	3 43	22 3	2 20	24 44	1 52	14 11	1 49	16 0	0 38	11 55	2 2	14 6	0 47	5 17	2 2	27 48	15 20	20 25	20 39	2 21		n.a.
T 6	15 3	16 21	4 29	22 23	2 21	24 54	1 54	14 0	1 50	16 4	0 37	11 53	2 2	14 6	0 47	5 16	2 2	27 48	15 20	20 25	20 38	2 23		n.a.
F 7	15 22	12 34	5 0	22 42	2 22	25 3	1 55	13 50	1 51	16 8	0 37	11 52	2 2	14 6	0 47	5 16	2 2	27 48	15 21	20 25	20 37	2 26		n.a.
S 8	15 41	8 1	5 15	22 59	2 21	25 11	1 57	13 39	1 52	16 12	0 37	11 51	2 2	14 6	0 47	5 15	2 2	27 49	15 21	20 25	20 37	2 28		n.a.
S 9	16 0	2 56	5 11	23 14	2 21	25 18	1 58	13 28	1 52	16 16	0 37	11 49	2 3	14 6	0 47	5 14	2 2	27 49	15 22	20 25	20 36	2 30		n.a.
M10	16 19	2n24	4 46	23 28	2 19	25 25	1 59	13 18	1 53	16 20	0 37	11 48	2 3	14 6	0 47	5 14	2 2	27 49	15 22	20 25	20 35	2 33		n.a.
T 11	16 37	7 40	4 3	23 40	2 17	25 31	2 1	13 7	1 54	16 24	0 37	11 47	2 3	14 6	0 47	5 13	2 2	27 49	15 23	20 24	20 35	2 35		n.a.
W12	16 55	12 30	3 3	23 50	2 14	25 36	2 2	12 56	1 55	16 28	0 37	11 46	2 3	14 6	0 47	5 13	2 2	27 50	15 23	20 24	20 34	2 38		n.a.
T 13	17 12	16 34	1 52	23 59	2 10	25 40	2 3	12 45	1 55	16 32	0 37	11 45	2 4	14 6	0 47	5 12	2 2	27 50	15 24	20 24	20 33	2 40		n.a.
F 14	17 30	19 32	0 33	24 5	2 5	25 43	2 4	12 35	1 56	16 36	0 37	11 43	2 4	14 6	0 47	5 12	2 2	27 50	15 25	20 23	20 33	2 42		n.a.
S 15	17 47	21 11	0s46	24 9	1 59	25 46	2 4	12 24	1 57	16 40	0 37	11 42	2 4	14 6	0 47	5 11	2 2	27 50	15 25	20 23	20 32	2 45		n.a.
S 16	18 3	21 30	2 0	24 10	1 52	25 48	2 5	12 13	1 58	16 44	0 37	11 41	2 4	14 6	0 46	5 11	2 2	27 51	15 26	20 24	20 31	2 47		n.a.
M17	18 20	20 32	3 5	24 10	1 44	25 49	2 6	12 2	1 59	16 48	0 36	11 40	2 5	14 5	0 46	5 10	2 2	27 51	15 26	20 24	20 31	2 49		n.a.
T 18	18 36	18 28	3 58	24 7	1 35	25 50	2 6	11 52	1 59	16 52	0 36	11 39	2 5	14 5	0 46	5 10	2 2	27 51	15 27	20 24	20 30	2 52		n.a.
W19	18 51	15 34	4 39	24 2	1 25	25 49	2 7	11 41	2 0	16 56	0 36	11 38	2 5	14 5	0 46	5 9	2 2	27 52	15 27	20 24	20 29	2 54		n.a.
T 20	19 7	12 2	5 5	23 54	1 13	25 48	2 7	11 30	2 1	17 0	0 36	11 37	2 6	14 5	0 46	5 9	2 2	27 52	15 28	20 24	20 29	2 56		n.a.
F 21	19 22	8 5	5 17	23 43	1 0	25 47	2 8	11 20	2 2	17 4	0 36	11 36	2 6	14 4	0 46	5 8	2 2	27 52	15 28	20 24	20 28	2 59		n.a.
S 22	19 36	3 52	5 14	23 30	0 45	25 44	2 8	11 9	2 3	17 7	0 36	11 36	2 6	14 4	0 46	5 8	2 2	27 53	15 29	20 24	20 27	3 1		n.a.
S 23	19 51	0s28	4 59	23 15	0 29	25 40	2 8	10 58	2 3	17 11	0 36	11 35	2 6	14 4	0 46	5 8	2 2	27 53	15 29	20 24	20 27	3 3		n.a.
M24	20 4	4 46	4 31	22 57	0 12	25 36	2 8	10 48	2 4	17 15	0 36	11 34	2 7	14 4	0 46	5 7	2 2	27 54	15 30	20 24	20 26	3 6		n.a.
T 25	20 18	8 55	3 51	22 36	0n 6	25 31	2 8	10 37	2 5	17 19	0 36	11 33	2 7	14 3	0 46	5 7	2 2	27 54	15 31	20 24	20 25	3 8		n.a.
W26	20 31	12 46	3 0	22 13	0 25	25 26	2 8	10 27	2 6	17 23	0 36	11 33	2 7	14 3	0 46	5 6	2 1	27 55	15 31	20 24	20 25	3 10		n.a.
T 27	20 44	16 8	2 1	21 47	0 45	25 19	2 8	10 16	2 7	17 26	0 36	11 32	2 7	14 3	0 46	5 6	2 1	27 55	15 32	20 24	20 24	3 12		n.a.
F 28	20 56	18 51	0 55	21 20	1 5	25 12	2 7	10 6	2 8	17 30	0 36	11 31	2 8	14 2	0 46	5 6	2 1	27 55	15 32	20 24	20 23	3 15		n.a.
S 29	21 8	20 42	0n14	20 51	1 25	25 4	2 7	9 55	2 8	17 34	0 36	11 31	2 8	14 2	0 46	5 5	2 1	27 56	15 33	20 24	20 23	3 17		n.a.
S 30	21s20	21s31	1n25	20s21	1n45	24s56	2s 6	9n45	2n 9	17s37	0n36	11n30	2n 8	14s 1	0s46	5n 5	2s 1	27n56	15n33	20s24	20s22	3s19		n.a.

Julian Day Number = 1626762.5, Delta T = 03h44m17s
Ecliptic obliquity = 23°43'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'54, Lahiri = - 7°31'54 Julian Calendar 1 Nov. 260 BCE == Greg. Calendar 28 Oct. 260 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 260 BCE
geocentric

DECEMBER 260 BCE (-259) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 22 35	5♐41'50	28♐31	7°R44	16♑29	10♍53	21♏ 7	5♍46	25♒ 8	17°R28	24°R52	0°R 2	29♏49	28♍ 2	n.a.	M 1
T 2	4 26 32	6°43'07	11♑48	6♐23	17°41	11°22	21°21	5°48	25° 9	17♈28	24♌52	0♐ 1	29°46	28° 9	n.a.	T 2
W 3	4 30 28	7°44'24	25°19	5° 2	18°53	11°50	21°34	5°49	25°11	17°27	24°52	0° 0	29°43	28°15	n.a.	W 3
T 4	4 34 25	8°45'41	9♒ 0	3°43	20° 4	12°19	21°48	5°51	25°12	17°26	24°52	29♏59	29°40	28°22	n.a.	T 4
F 5	4 38 21	9°46'58	22°53	2°29	21°15	12°47	22° 1	5°53	25°13	17°25	24°52	29°58	29°36	28°29	n.a.	F 5
S 6	4 42 18	10°48'13	6♓55	1°22	22°26	13°15	22°14	5°54	25°15	17°24	24°52	29°D58	29°33	28°36	n.a.	S 6
S 7	4 46 15	11°49'29	21° 4	0°24	23°38	13°43	22°28	5°56	25°16	17°23	24°52	29°58	29°30	28°42	n.a.	S 7
M 8	4 50 11	12°50'43	5♈19	29♏34	24°49	14°11	22°41	5°57	25°18	17°22	24°51	29°59	29°27	28°49	n.a.	M 8
T 9	4 54 8	13°51'57	19°38	28°55	25°59	14°38	22°54	5°58	25°19	17°21	24°51	29°59	29°24	28°56	n.a.	T 9
W10	4 58 4	14°53'10	3♉57	28°25	27°10	15° 5	23° 7	5°59	25°21	17°21	24°51	0♐ 1	29°21	29° 2	n.a.	W10
T 11	5 2 1	15°54'23	18°12	28° 5	28°21	15°32	23°21	6° 0	25°22	17°20	24°51	0° 2	29°17	29° 9	n.a.	T 11
F 12	5 5 57	16°55'35	2♊20	27°55	29°31	15°59	23°34	6° 1	25°24	17°19	24°50	0°R 2	29°14	29°16	n.a.	F 12
S 13	5 9 54	17°56'47	16°16	27°D54	0♒42	16°26	23°47	6° 2	25°26	17°19	24°50	0° 2	29°11	29°22	n.a.	S 13
S 14	5 13 50	18°57'58	29°56	28° 1	1°52	16°52	24° 0	6° 3	25°28	17°18	24°49	29♏59	29° 8	29°29	n.a.	S 14
M15	5 17 47	19°59'09	13♋19	28°15	3° 2	17°19	24°13	6° 3	25°29	17°17	24°49	29°57	29° 5	29°36	n.a.	M15
T 16	5 21 44	21° 0'19	26°22	28°37	4°12	17°45	24°26	6° 4	25°31	17°17	24°49	29°54	29° 2	29°43	n.a.	T 16
W17	5 25 40	22° 1'28	9♌ 5	29° 6	5°22	18°10	24°39	6° 4	25°33	17°16	24°48	29°50	28°58	29°49	n.a.	W17
T 18	5 29 37	23° 2'37	21°31	29°40	6°32	18°36	24°52	6° 4	25°35	17°16	24°47	29°47	28°55	29°56	n.a.	T 18
F 19	5 33 33	24° 3'46	3♍42	0♐20	7°41	19° 1	25° 5	6° 4	25°37	17°15	24°47	29°45	28°52	0♎ 3	n.a.	F 19
S 20	5 37 30	25° 4'54	15°42	1° 4	8°51	19°26	25°18	6°R 4	25°39	17°15	24°46	29°43	28°49	0° 9	n.a.	S 20
S 21	5 41 26	26° 6'01	27°35	1°53	10° 0	19°51	25°30	6° 4	25°41	17°14	24°46	29°D42	28°46	0°16	n.a.	S 21
M22	5 45 23	27° 7'08	9♎26	2°45	11° 9	20°15	25°43	6° 4	25°43	17°14	24°45	29°43	28°42	0°23	n.a.	M22
T 23	5 49 19	28° 8'14	21°20	3°41	12°18	20°39	25°56	6° 4	25°45	17°14	24°44	29°45	28°39	0°30	n.a.	T 23
W24	5 53 16	29° 9'20	3♏22	4°40	13°27	21° 3	26° 8	6° 3	25°48	17°13	24°44	29°47	28°36	0°36	n.a.	W24
T 25	5 57 13	0♑10'25	15°36	5°42	14°36	21°27	26°21	6° 3	25°50	17°13	24°43	29°48	28°33	0°43	n.a.	T 25
F 26	6 1 9	1°11'29	28° 6	6°47	15°44	21°50	26°33	6° 2	25°52	17°13	24°42	29°R49	28°30	0°50	n.a.	F 26
S 27	6 5 6	2°12'32	10♐55	7°54	16°52	22°13	26°46	6° 1	25°54	17°13	24°41	29°48	28°27	0°56	n.a.	S 27
S 28	6 9 2	3°13'34	24° 3	9° 3	18° 1	22°36	26°58	6° 0	25°57	17°13	24°40	29°46	28°23	1° 3	n.a.	S 28
M29	6 12 59	4°14'36	7♑31	10°14	19° 8	22°58	27°10	6° 0	25°59	17°12	24°40	29°42	28°20	1°10	n.a.	M29
T 30	6 16 55	5°15'36	21°16	11°27	20°16	23°20	27°23	5°58	26° 2	17°12	24°39	29°37	28°17	1°16	n.a.	T 30
W31	6 20 52	6♑16'35	5♒16	12♐42	21♒24	23♍42	27♏35	5♍57	26♒ 4	17♈12	24♌38	29♏31	28♏14	1♎23	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21 s31	21 s11	2n32	19 s50	2n 3	24 s46	2 s 6	9n34	2n10	17 s41	0n35	11n30	2n 9	14 s 1	0 s46	5n 5	2 s 1	27n57	15n34	20 s24	20 s21	3 s22			n.a.
T 2	21 41	19 41	3 32	19 20	2 20	24 36	2 5	9 24	2 11	17 45	0 35	11 29	2 9	14 1	0 46	5 4	2 1	27 57	15 34	20 24	20 21	3 24			n.a.
W 3	21 52	17 3	4 21	18 52	2 34	24 25	2 4	9 14	2 12	17 48	0 35	11 29	2 9	14 0	0 46	5 4	2 1	27 58	15 35	20 24	20 20	3 26			n.a.
T 4	22 2	13 28	4 56	18 25	2 47	24 14	2 3	9 4	2 13	17 52	0 35	11 28	2 9	14 0	0 46	5 4	2 1	27 58	15 35	20 23	20 19	3 29			n.a.
F 5	22 11	9 6	5 14	18 1	2 57	24 2	2 2	8 53	2 14	17 55	0 35	11 28	2 10	13 59	0 46	5 3	2 1	27 59	15 36	20 23	20 18	3 31			n.a.
S 6	22 20	4 13	5 15	17 40	3 5	23 49	2 1	8 43	2 14	17 59	0 35	11 28	2 10	13 59	0 46	5 3	2 1	28 0	15 37	20 23	20 18	3 33			n.a.
S 7	22 28	0n56	4 56	17 22	3 11	23 36	2 0	8 33	2 15	18 2	0 35	11 28	2 10	13 58	0 46	5 3	2 1	28 0	15 37	20 23	20 17	3 36			n.a.
M 8	22 37	6 5	4 19	17 9	3 14	23 21	1 58	8 23	2 16	18 6	0 35	11 27	2 10	13 58	0 46	5 2	2 1	28 1	15 38	20 23	20 16	3 38			n.a.
T 9	22 44	10 56	3 25	16 59	3 15	23 7	1 57	8 13	2 17	18 9	0 35	11 27	2 11	13 57	0 46	5 2	2 1	28 1	15 38	20 23	20 16	3 40			n.a.
W10	22 51	15 10	2 19	16 53	3 15	22 51	1 55	8 4	2 18	18 13	0 35	11 27	2 11	13 56	0 46	5 2	2 1	28 2	15 39	20 24	20 15	3 42			n.a.
T 11	22 58	18 30	1 5	16 51	3 12	22 35	1 53	7 54	2 19	18 16	0 35	11 27	2 11	13 56	0 46	5 2	2 1	28 3	15 39	20 24	20 14	3 45			n.a.
F 12	23 4	20 40	0 s13	16 52	3 9	22 19	1 51	7 44	2 20	18 20	0 35	11 27	2 12	13 55	0 46	5 2	2 1	28 3	15 40	20 24	20 14	3 47			n.a.
S 13	23 10	21 32	1 28	16 57	3 4	22 1	1 50	7 34	2 21	18 23	0 35	11 27	2 12	13 55	0 45	5 1	2 1	28 4	15 40	20 24	20 13	3 49			n.a.
S 14	23 16	21 6	2 38	17 4	2 58	21 44	1 48	7 25	2 22	18 26	0 35	11 27	2 12	13 54	0 45	5 1	2 0	28 4	15 41	20 24	20 12	3 52			n.a.
M15	23 21	19 28	3 37	17 14	2 51	21 25	1 45	7 15	2 23	18 30	0 35	11 27	2 12	13 53	0 45	5 1	2 0	28 5	15 41	20 23	20 12	3 54			n.a.
T 16	23 25	16 50	4 23	17 26	2 44	21 6	1 43	7 6	2 24	18 33	0 35	11 27	2 13	13 53	0 45	5 1	2 0	28 6	15 42	20 22	20 11	3 56			n.a.
W17	23 29	13 28	4 54	17 40	2 36	20 47	1 41	6 56	2 24	18 36	0 35	11 27	2 13	13 52	0 45	5 1	2 0	28 6	15 42	20 21	20 10	3 58			n.a.
T 18	23 32	9 35	5 11	17 55	2 28	20 27	1 38	6 47	2 25	18 39	0 34	11 27	2 13	13 51	0 45	5 1	2 0	28 7	15 43	20 21	20 9	4 1			n.a.
F 19	23 35	5 24	5 14	18 12	2 19	20 6	1 36	6 38	2 26	18 42	0 34	11 27	2 14	13 51	0 45	5 0	2 0	28 8	15 43	20 20	20 9	4 3			n.a.
S 20	23 38	1 4	5 2	18 30	2 10	19 45	1 33	6 29	2 27	18 46	0 34	11 28	2 14	13 50	0 45	5 0	2 0	28 8	15 44	20 20	20 8	4 5			n.a.
S 21	23 40	3 s16	4 38	18 49	2 1	19 24	1 30	6 20	2 28	18 49	0 34	11 28	2 14	13 49	0 45	5 0	2 0	28 9	15 44	20 20	20 7	4 8			n.a.
M22	23 42	7 29	4 2	19 8	1 52	19 2	1 27	6 11	2 29	18 52	0 34	11 28	2 14	13 48	0 45	5 0	2 0	28 10	15 45	20 20	20 7	4 10			n.a.
T 23	23 43	11 26	3 16	19 28	1 43	18 39	1 24	6 2	2 30	18 55	0 34	11 29	2 15	13 48	0 45	5 0	2 0	28 10	15 45	20 20	20 6	4 12			n.a.
W24	23 43	14 58	2 20	19 48	1 33	18 16	1 21	5 54	2 31	18 58	0 34	11 29	2 15	13 47	0 45	5 0	2 0	28 11	15 46	20 21	20 5	4 14			n.a.
T 25	23 43	17 56	1 17	20 8	1 24	17 53	1 18	5 45	2 32	19 1	0 34	11 30	2 15	13 46	0 45	5 0	2 0	28 12	15 46	20 21	20 4	4 17			n.a.
F 26	23 43	20 8	0 9	20 29	1 15	17 29	1 14	5 37	2 33	19 4	0 34	11 30	2 16	13 45	0 45	5 0	2 0	28 13	15 47	20 21	20 4	4 19			n.a.
S 27	23 42	21 21	1n 0	20 49	1 5	17 5	1 11	5 29	2 34	19 7	0 34	11 31	2 16	13 44	0 45	5 0	2 0	28 13	15 47	20 21	20 3	4 21			n.a.
S 28	23 41	21 27	2 9	21 9	0 56	16 41	1 7	5 20	2 35	19 10	0 34	11 31	2 16	13 44	0 45	5 0	2 0	28 14	15 48	20 21	20 2	4 23			n.a.
M29	23 39	20 20	3 11	21 28	0 47	16 16	1 4	5 12	2 36	19 13	0 34	11 32	2 16	13 43	0 45	5 0	1 59	28 15	15 48	20 20	20 2	4 26			n.a.
T 30	23 37	18 0	4 4	21 47	0 38	15 51	1 0	5 4	2 37	19 16	0 34	11 32	2 17	13 42	0 45	5 0	1 59	28 15	15 49	20 19	20 1	4 28			n.a.
W31	23 s34	14 s36	4n43	22 s 6	0n30	15 s25	0 s56	4n57	2n38	19 s18	0n34	11n33	2n17	13 s41	0 s45	5n 0	1 s59	28n16	15n49	20 s17	20 s 0	4 s30			n.a.

Julian Day Number = 1626792.5, Delta T = 03h44m16s
Ecliptic obliquity = 23°43'31, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'50, Lahiri = - 7°31'50 Julian Calendar 1 Dec. 260 BCE == Greg. Calendar 27 Nov. 260 BCE

The year -259 astronomical counting style corresponds to year 260 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

JANUARY 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 24 49	7♉17'32	19♒25	13♐58	22♒31	24♍ 4	27♏47	5°R56	26♒ 7	17°D12	24°R37	29°R25	28♏11	1♎30	n.a.	T 1
F 2	6 28 45	8°18'28	3♓39	15°16	23°38	24°25	27°59	5♍55	26° 9	17♈12	24♌36	29♏20	28° 8	1°37	n.a.	F 2
S 3	6 32 42	9°19'23	17°54	16°34	24°45	24°45	28°11	5°53	26°12	17°12	24°35	29°16	28° 4	1°43	n.a.	S 3
S 4	6 36 38	10°20'16	2♈ 7	17°55	25°52	25° 6	28°23	5°52	26°14	17°12	24°34	29°14	28° 1	1°50	n.a.	S 4
M 5	6 40 35	11°21'07	16°15	19°16	26°58	25°26	28°35	5°50	26°17	17°13	24°33	29°D14	27°58	1°57	n.a.	M 5
T 6	6 44 31	12°21'56	0♉18	20°39	28° 4	25°45	28°46	5°48	26°20	17°13	24°32	29°15	27°55	2° 3	n.a.	T 6
W 7	6 48 28	13°22'44	14°13	22° 2	29°10	26° 5	28°58	5°46	26°22	17°13	24°31	29°16	27°52	2°10	n.a.	W 7
T 8	6 52 24	14°23'31	28° 1	23°27	0♓15	26°24	29°10	5°44	26°25	17°13	24°29	29°R17	27°48	2°17	n.a.	T 8
F 9	6 56 21	15°24'15	11♊40	24°53	1°21	26°42	29°21	5°42	26°28	17°13	24°28	29°16	27°45	2°23	n.a.	F 9
S 10	7 0 18	16°24'58	25° 9	26°19	2°26	27° 0	29°33	5°40	26°30	17°14	24°27	29°13	27°42	2°30	n.a.	S 10
S 11	7 4 14	17°25'40	8♋27	27°47	3°30	27°18	29°44	5°38	26°33	17°14	24°26	29° 8	27°39	2°37	n.a.	S 11
M12	7 8 11	18°26'20	21°32	29°16	4°35	27°35	29°55	5°36	26°36	17°14	24°25	29° 1	27°36	2°44	n.a.	M12
T 13	7 12 7	19°26'58	4♌23	0♉45	5°39	27°52	0♐ 6	5°33	26°39	17°15	24°24	28°51	27°33	2°50	n.a.	T 13
W14	7 16 4	20°27'35	17° 0	2°16	6°43	28° 8	0°17	5°31	26°42	17°15	24°22	28°42	27°29	2°57	n.a.	W14
T 15	7 20 0	21°28'10	29°22	3°47	7°46	28°24	0°28	5°28	26°45	17°16	24°21	28°32	27°26	3° 4	n.a.	T 15
F 16	7 23 57	22°28'43	11♍31	5°19	8°49	28°40	0°39	5°25	26°48	17°16	24°20	28°23	27°23	3°10	n.a.	F 16
S 17	7 27 53	23°29'16	23°31	6°53	9°52	28°55	0°50	5°23	26°51	17°17	24°18	28°17	27°20	3°17	n.a.	S 17
S 18	7 31 50	24°29'46	5♎23	8°27	10°55	29° 9	1° 1	5°20	26°54	17°17	24°17	28°12	27°17	3°24	n.a.	S 18
M19	7 35 47	25°30'16	17°13	10° 2	11°57	29°23	1°12	5°17	26°57	17°18	24°16	28°10	27°13	3°30	n.a.	M19
T 20	7 39 43	26°30'43	29° 6	11°38	12°58	29°37	1°22	5°14	27° 0	17°18	24°14	28°D 9	27°10	3°37	n.a.	T 20
W21	7 43 40	27°31'10	11♏ 6	13°15	13°59	29°50	1°33	5°11	27° 3	17°19	24°13	28°10	27° 7	3°44	n.a.	W21
T 22	7 47 36	28°31'35	23°20	14°52	15° 0	0♎ 2	1°43	5° 7	27° 6	17°20	24°11	28°R11	27° 4	3°51	n.a.	T 22
F 23	7 51 33	29°31'58	5♐52	16°31	16° 1	0°14	1°53	5° 4	27° 9	17°21	24°10	28°11	27° 1	3°57	n.a.	F 23
S 24	7 55 29	0♒32'20	18°46	18°11	17° 1	0°26	2° 3	5° 1	27°12	17°21	24° 9	28° 9	26°58	4° 4	n.a.	S 24
S 25	7 59 26	1°32'40	2♉ 4	19°52	18° 0	0°37	2°13	4°57	27°15	17°22	24° 7	28° 4	26°54	4°11	n.a.	S 25
M26	8 3 22	2°32'58	15°48	21°33	18°59	0°47	2°23	4°54	27°19	17°23	24° 6	27°57	26°51	4°17	n.a.	M26
T 27	8 7 19	3°33'15	29°56	23°16	19°58	0°57	2°33	4°50	27°22	17°24	24° 4	27°48	26°48	4°24	n.a.	T 27
W28	8 11 16	4°33'30	14♒22	25° 0	20°56	1° 6	2°43	4°47	27°25	17°25	24° 3	27°37	26°45	4°31	n.a.	W28
T 29	8 15 12	5°33'42	29° 0	26°44	21°54	1°14	2°52	4°43	27°28	17°26	24° 1	27°26	26°42	4°37	n.a.	T 29
F 30	8 19 9	6°33'53	13♓42	28°30	22°51	1°22	3° 2	4°39	27°31	17°27	24° 0	27°17	26°39	4°44	n.a.	F 30
S 31	8 23 5	7♒34'01	28♓21	0♒17	23♓47	1♎29	3♐11	4♍35	27♒35	17♈28	23♌58	27♏ 9	26♏35	4♎51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s31	10 s20	5n 6	22 s24	0n21	14 s59	0 s52	4n49	2n39	19 s21	0n34	11n34	2n17	13 s40	0 s45	5n 0	1 s59	28n17	15n50	20 s16	19 s59	4 s32			n.a.
F 2	23 28	5 29	5 9	22 42	0 12	14 33	0 48	4 41	2 40	19 24	0 34	11 35	2 17	13 39	0 45	5 0	1 59	28 18	15 50	20 15	19 59	4 35			n.a.
S 3	23 24	0 20	4 54	22 58	0 4	14 7	0 43	4 34	2 41	19 27	0 34	11 35	2 18	13 38	0 45	5 0	1 59	28 18	15 50	20 14	19 58	4 37			n.a.
S 4	23 19	4n50	4 21	23 14	0 s 4	13 40	0 39	4 27	2 42	19 29	0 34	11 36	2 18	13 37	0 45	5 0	1 59	28 19	15 51	20 14	19 57	4 39			n.a.
M 5	23 14	9 43	3 32	23 29	0 12	13 13	0 35	4 20	2 43	19 32	0 34	11 37	2 18	13 36	0 45	5 0	1 59	28 20	15 51	20 13	19 57	4 41			n.a.
T 6	23 9	14 3	2 31	23 43	0 20	12 45	0 30	4 13	2 44	19 35	0 34	11 38	2 19	13 35	0 45	5 1	1 59	28 21	15 52	20 14	19 56	4 44			n.a.
W 7	23 3	17 35	1 21	23 56	0 27	12 18	0 25	4 6	2 45	19 37	0 34	11 39	2 19	13 35	0 45	5 1	1 59	28 22	15 52	20 14	19 55	4 46			n.a.
T 8	22 56	20 4	0 7	24 8	0 35	11 50	0 21	3 59	2 46	19 40	0 34	11 40	2 19	13 34	0 45	5 1	1 59	28 22	15 52	20 14	19 54	4 48			n.a.
F 9	22 49	21 21	1 s 6	24 19	0 42	11 22	0 16	3 53	2 47	19 42	0 34	11 41	2 19	13 33	0 45	5 1	1 59	28 23	15 53	20 14	19 54	4 50			n.a.
S 10	22 42	21 23	2 15	24 29	0 49	10 54	0 11	3 46	2 48	19 45	0 34	11 42	2 20	13 32	0 45	5 1	1 59	28 24	15 53	20 13	19 53	4 53			n.a.
S 11	22 34	20 12	3 15	24 38	0 55	10 26	0 6	3 40	2 49	19 47	0 33	11 43	2 20	13 31	0 45	5 1	1 59	28 25	15 54	20 12	19 52	4 55			n.a.
M12	22 26	17 58	4 4	24 45	1 2	9 57	0 1	3 34	2 50	19 50	0 33	11 44	2 20	13 30	0 45	5 2	1 58	28 25	15 54	20 11	19 52	4 57			n.a.
T 13	22 18	14 53	4 39	24 51	1 8	9 29	0n 5	3 28	2 51	19 52	0 33	11 45	2 20	13 29	0 45	5 2	1 58	28 26	15 54	20 9	19 51	4 59			n.a.
W14	22 9	11 10	5 0	24 56	1 13	9 0	0 10	3 23	2 53	19 55	0 33	11 46	2 21	13 28	0 45	5 2	1 58	28 27	15 55	20 6	19 50	5 2			n.a.
T 15	21 59	7 3	5 6	24 59	1 19	8 31	0 16	3 17	2 54	19 57	0 33	11 48	2 21	13 27	0 45	5 2	1 58	28 28	15 55	20 4	19 49	5 4			n.a.
F 16	21 50	2 44	4 58	25 1	1 24	8 2	0 21	3 12	2 55	19 59	0 33	11 49	2 21	13 25	0 45	5 3	1 58	28 29	15 55	20 2	19 49	5 6			n.a.
S 17	21 39	1 s38	4 37	25 2	1 29	7 33	0 27	3 7	2 56	20 2	0 33	11 50	2 21	13 24	0 44	5 3	1 58	28 29	15 56	20 1	19 48	5 8			n.a.
S 18	21 29	5 54	4 4	25 1	1 34	7 4	0 33	3 2	2 57	20 4	0 33	11 51	2 21	13 23	0 44	5 3	1 58	28 30	15 56	20 0	19 47	5 10			n.a.
M19	21 18	9 56	3 21	24 59	1 38	6 34	0 38	2 57	2 58	20 6	0 33	11 53	2 22	13 22	0 44	5 3	1 58	28 31	15 56	19 59	19 46	5 13			n.a.
T 20	21 6	13 36	2 29	24 55	1 43	6 5	0 44	2 53	2 59	20 8	0 33	11 54	2 22	13 21	0 44	5 4	1 58	28 32	15 57	19 59	19 46	5 15			n.a.
W21	20 54	16 46	1 30	24 49	1 46	5 36	0 50	2 49	3 0	20 10	0 33	11 55	2 22	13 20	0 44	5 4	1 58	28 32	15 57	19 59	19 45	5 17			n.a.
T 22	20 42	19 15	0 26	24 42	1 50	5 6	0 57	2 45	3 1	20 13	0 33	11 57	2 22	13 19	0 44	5 4	1 58	28 33	15 57	19 59	19 44	5 19			n.a.
F 23	20 30	20 52	0n41	24 33	1 53	4 37	1 3	2 41	3 2	20 15	0 33	11 58	2 23	13 18	0 44	5 5	1 58	28 34	15 58	19 59	19 43	5 22			n.a.
S 24	20 17	21 27	1 48	24 23	1 56	4 8	1 9	2 37	3 3	20 17	0 33	12 0	2 23	13 17	0 44	5 5	1 58	28 35	15 58	19 59	19 43	5 24			n.a.
S 25	20 3	20 52	2 50	24 11	1 58	3 39	1 15	2 34	3 4	20 19	0 33	12 1	2 23	13 16	0 44	5 5	1 58	28 35	15 58	19 58	19 42	5 26			n.a.
M26	19 50	19 3	3 45	23 57	2 0	3 9	1 22	2 30	3 5	20 21	0 33	12 3	2 23	13 15	0 44	5 6	1 58	28 36	15 58	19 56	19 41	5 28			n.a.
T 27	19 35	16 3	4 28	23 41	2 1	2 40	1 28	2 28	3 6	20 23	0 33	12 4	2 23	13 14	0 44	5 6	1 57	28 37	15 59	19 54	19 40	5 30			n.a.
W28	19 21	12 1	4 54	23 24	2 3	2 11	1 35	2 25	3 7	20 25	0 33	12 6	2 24	13 12	0 44	5 7	1 57	28 38	15 59	19 52	19 40	5 33			n.a.
T 29	19 6	7 15	5 2	23 4	2 3	1 42	1 42	2 22	3 8	20 27	0 33	12 7	2 24	13 11	0 44	5 7	1 57	28 39	15 59	19 49	19 39	5 35			n.a.
F 30	18 51	2 1	4 50	22 43	2 4	1 13	1 48	2 20	3 9	20 28	0 33	12 9	2 24	13 10	0 44	5 7	1 57	28 39	15 59	19 47	19 38	5 37			n.a.
S 31	18 s36	3n17	4n19	22 s20	2 s 3	0 s44	1n55	2n18	3n10	20 s30	0n33	12n11	2n24	13 s 9	0 s44	5n 8	1 s57	28n40	15n59	19 s45	19 s37	5 s39			n.a.

Julian Day Number = 1626823.5, Delta T = 03h44m15s
Ecliptic obliquity = 23°43'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'46, Lahiri = - 7°31'45 Julian Calendar 1 Jan. 259 BCE == Greg. Calendar 28 Dec. 260 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

FEBRUARY 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 27 2	8♒34'07	12♈50	2♒ 5	24♓43	1♎36	3♐20	4°R31	27♒38	17♈29	23°R57	27°R 4	26♏32	4♎57	n.a.	S 1
M 2	8 30 58	9°34'11	27° 7	3°54	25°39	1°42	3°29	4♍27	27°41	17°30	23♑55	27♏ 2	26°29	5° 4	n.a.	M 2
T 3	8 34 55	10°34'13	11♉ 7	5°44	26°34	1°47	3°38	4°23	27°45	17°31	23°53	27°D 1	26°26	5°11	n.a.	T 3
W 4	8 38 51	11°34'12	24°53	7°35	27°28	1°52	3°47	4°19	27°48	17°32	23°52	27°R 1	26°23	5°18	n.a.	W 4
T 5	8 42 48	12°34'09	8♊24	9°27	28°21	1°56	3°56	4°15	27°51	17°33	23°50	27° 1	26°19	5°24	n.a.	T 5
F 6	8 46 45	13°34'04	21°42	11°20	29°14	1°59	4° 5	4°11	27°55	17°34	23°49	26°59	26°16	5°31	n.a.	F 6
S 7	8 50 41	14°33'57	4♋48	13°14	0♈ 6	2° 1	4°13	4° 7	27°58	17°35	23°47	26°54	26°13	5°38	n.a.	S 7
S 8	8 54 38	15°33'47	17°44	15°10	0°57	2° 3	4°22	4° 2	28° 1	17°37	23°46	26°46	26°10	5°44	n.a.	S 8
M 9	8 58 34	16°33'35	0♌28	17° 6	1°48	2° 4	4°30	3°58	28° 5	17°38	23°44	26°36	26° 7	5°51	n.a.	M 9
T 10	9 2 31	17°33'21	13° 2	19° 3	2°38	2°R 5	4°38	3°54	28° 8	17°39	23°42	26°23	26° 4	5°58	n.a.	T 10
W11	9 6 27	18°33'04	25°26	21° 0	3°26	2° 5	4°46	3°49	28°11	17°41	23°41	26° 9	26° 0	6° 4	n.a.	W11
T 12	9 10 24	19°32'46	7♍39	22°59	4°15	2° 4	4°54	3°45	28°15	17°42	23°39	25°55	25°57	6°11	n.a.	T 12
F 13	9 14 20	20°32'25	19°43	24°58	5° 2	2° 2	5° 1	3°41	28°18	17°43	23°38	25°42	25°54	6°18	n.a.	F 13
S 14	9 18 17	21°32'03	1♎39	26°57	5°48	1°59	5° 9	3°36	28°22	17°45	23°36	25°32	25°51	6°24	n.a.	S 14
S 15	9 22 13	22°31'38	13°29	28°57	6°33	1°56	5°16	3°32	28°25	17°46	23°34	25°24	25°48	6°31	n.a.	S 15
M16	9 26 10	23°31'12	25°18	0♓56	7°18	1°52	5°24	3°27	28°28	17°48	23°33	25°19	25°45	6°38	n.a.	M16
T 17	9 30 7	24°30'44	7♏ 9	2°56	8° 1	1°47	5°31	3°22	28°32	17°49	23°31	25°17	25°41	6°45	n.a.	T 17
W18	9 34 3	25°30'13	19° 8	4°55	8°43	1°42	5°38	3°18	28°35	17°51	23°29	25°16	25°38	6°51	n.a.	W18
T 19	9 38 0	26°29'41	1♐19	6°53	9°24	1°35	5°45	3°13	28°39	17°52	23°28	25°16	25°35	6°58	n.a.	T 19
F 20	9 41 56	27°29'08	13°48	8°49	10° 4	1°28	5°51	3° 9	28°42	17°54	23°26	25°15	25°32	7° 5	n.a.	F 20
S 21	9 45 53	28°28'32	26°40	10°45	10°43	1°20	5°58	3° 4	28°46	17°55	23°25	25°13	25°29	7°11	n.a.	S 21
S 22	9 49 49	29°27'54	9♑59	12°38	11°21	1°11	6° 4	2°59	28°49	17°57	23°23	25° 9	25°25	7°18	n.a.	S 22
M23	9 53 46	0♓27'15	23°47	14°29	11°57	1° 2	6°11	2°55	28°52	17°58	23°21	25° 1	25°22	7°25	n.a.	M23
T 24	9 57 42	1°26'33	8♒ 4	16°17	12°32	0°52	6°17	2°50	28°56	18° 0	23°20	24°52	25°19	7°31	n.a.	T 24
W25	10 1 39	2°25'50	22°44	18° 2	13° 5	0°41	6°23	2°45	28°59	18° 2	23°18	24°41	25°16	7°38	n.a.	W25
T 26	10 5 36	3°25'04	7♓42	19°43	13°38	0°29	6°28	2°41	29° 3	18° 4	23°17	24°29	25°13	7°45	n.a.	T 26
F 27	10 9 32	4°24'16	22°47	21°20	14° 8	0°16	6°34	2°36	29° 6	18° 5	23°15	24°19	25°10	7°51	n.a.	F 27
S 28	10 13 29	5♓23'26	7♈49	22♓53	14♈37	0♎ 3	6♐40	2♍31	29♒10	18♈ 7	23♑13	24♏10	25♏ 6	7♎58	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	18s20	8n22	3n32	21s56	2s 3	0s15	2n 2	2n16	3n11	20s32	0n33	12n12	2n24	13s 8	0s44	5n 8	1s57	28n41	16n 0	19s44	19s37	5s41			n.a.
M 2	18 4	12 55	2 32	21 29	2 2	0n13	2 9	2 15	3 12	20 34	0 33	12 14	2 25	13 7	0 44	5 9	1 57	28 41	16 0	19 44	19 36	5 43			n.a.
T 3	17 48	16 40	1 23	21 0	2 0	0 42	2 16	2 13	3 13	20 36	0 33	12 15	2 25	13 5	0 44	5 9	1 57	28 42	16 0	19 44	19 35	5 46			n.a.
W 4	17 31	19 24	0 11	20 30	1 58	1 10	2 23	2 12	3 14	20 37	0 33	12 17	2 25	13 4	0 44	5 10	1 57	28 43	16 0	19 44	19 34	5 48			n.a.
T 5	17 14	20 59	1s 0	19 57	1 56	1 38	2 30	2 12	3 15	20 39	0 33	12 19	2 25	13 3	0 44	5 10	1 57	28 44	16 0	19 43	19 34	5 50			n.a.
F 6	16 57	21 21	2 7	19 23	1 52	2 6	2 37	2 11	3 15	20 41	0 33	12 20	2 25	13 2	0 44	5 11	1 57	28 44	16 1	19 43	19 33	5 52			n.a.
S 7	16 39	20 33	3 6	18 47	1 49	2 33	2 45	2 11	3 16	20 42	0 33	12 22	2 25	13 1	0 44	5 11	1 57	28 45	16 1	19 42	19 32	5 54			n.a.
S 8	16 22	18 40	3 54	18 9	1 44	3 1	2 52	2 11	3 17	20 44	0 33	12 24	2 25	13 0	0 44	5 12	1 57	28 46	16 1	19 40	19 31	5 57			n.a.
M 9	16 4	15 54	4 30	17 29	1 40	3 28	2 59	2 11	3 18	20 45	0 33	12 26	2 26	12 58	0 44	5 12	1 57	28 46	16 1	19 38	19 31	5 59			n.a.
T 10	15 45	12 26	4 52	16 47	1 34	3 54	3 7	2 12	3 19	20 47	0 33	12 27	2 26	12 57	0 44	5 13	1 57	28 47	16 1	19 35	19 30	6 1			n.a.
W11	15 27	8 30	5 0	16 3	1 28	4 21	3 14	2 12	3 19	20 48	0 33	12 29	2 26	12 56	0 44	5 14	1 57	28 48	16 1	19 31	19 29	6 3			n.a.
T 12	15 8	4 16	4 54	15 18	1 21	4 47	3 22	2 14	3 20	20 50	0 33	12 31	2 26	12 55	0 44	5 14	1 56	28 48	16 1	19 28	19 28	6 5			n.a.
F 13	14 49	0s 5	4 35	14 31	1 14	5 13	3 29	2 15	3 21	20 51	0 33	12 33	2 26	12 54	0 44	5 15	1 56	28 49	16 1	19 25	19 28	6 7			n.a.
S 14	14 30	4 22	4 3	13 43	1 6	5 38	3 37	2 17	3 22	20 53	0 33	12 34	2 26	12 52	0 44	5 15	1 56	28 50	16 1	19 22	19 27	6 10			n.a.
S 15	14 10	8 29	3 22	12 53	0 58	6 3	3 44	2 18	3 22	20 54	0 33	12 36	2 26	12 51	0 44	5 16	1 56	28 50	16 2	19 20	19 26	6 12			n.a.
M16	13 50	12 15	2 31	12 2	0 49	6 28	3 52	2 21	3 23	20 55	0 33	12 38	2 26	12 50	0 44	5 16	1 56	28 51	16 2	19 19	19 25	6 14			n.a.
T 17	13 30	15 33	1 34	11 10	0 39	6 53	4 0	2 23	3 23	20 57	0 33	12 40	2 27	12 49	0 44	5 17	1 56	28 52	16 2	19 19	19 25	6 16			n.a.
W18	13 10	18 14	0 32	10 16	0 29	7 16	4 7	2 26	3 24	20 58	0 33	12 41	2 27	12 48	0 44	5 18	1 56	28 52	16 2	19 19	19 24	6 18			n.a.
T 19	12 50	20 9	0n32	9 23	0 19	7 40	4 15	2 29	3 24	20 59	0 33	12 43	2 27	12 46	0 44	5 18	1 56	28 53	16 2	19 19	19 23	6 20			n.a.
F 20	12 29	21 8	1 36	8 28	0 7	8 3	4 23	2 32	3 25	21 0	0 33	12 45	2 27	12 45	0 44	5 19	1 56	28 54	16 2	19 18	19 22	6 22			n.a.
S 21	12 9	21 3	2 38	7 34	0n 4	8 25	4 30	2 36	3 25	21 1	0 33	12 47	2 27	12 44	0 44	5 20	1 56	28 54	16 2	19 18	19 22	6 25			n.a.
S 22	11 48	19 48	3 33	6 39	0 16	8 47	4 38	2 39	3 25	21 3	0 33	12 49	2 27	12 43	0 44	5 20	1 56	28 55	16 2	19 17	19 21	6 27			n.a.
M23	11 27	17 22	4 18	5 45	0 28	9 9	4 45	2 43	3 26	21 4	0 33	12 50	2 27	12 42	0 44	5 21	1 56	28 55	16 2	19 15	19 20	6 29			n.a.
T 24	11 5	13 50	4 48	4 51	0 41	9 29	4 53	2 48	3 26	21 5	0 33	12 52	2 27	12 40	0 44	5 22	1 56	28 56	16 2	19 13	19 19	6 31			n.a.
W25	10 44	9 22	5 0	3 58	0 53	9 50	5 0	2 52	3 26	21 6	0 33	12 54	2 27	12 39	0 44	5 22	1 56	28 56	16 2	19 10	19 19	6 33			n.a.
T 26	10 22	4 16	4 53	3 7	1 6	10 9	5 8	2 57	3 26	21 7	0 33	12 56	2 27	12 38	0 44	5 23	1 56	28 57	16 2	19 7	19 18	6 35			n.a.
F 27	10 1	1n 9	4 25	2 17	1 18	10 28	5 15	3 2	3 26	21 8	0 33	12 57	2 27	12 37	0 44	5 24	1 56	28 57	16 2	19 4	19 17	6 37			n.a.
S 28	9s39	6n29	3n39	1s28	1n31	10n46	5n23	3n 7	3n26	21s 9	0n33	12n59	2n27	12s36	0s44	5n24	1s56	28n58	16n 2	19s 2	19s16	6s40			n.a.

Julian Day Number = 1626854.5, Delta T = 03h44m14s
Ecliptic obliquity = 23°43'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'42, Lahiri = - 7°31'41 Julian Calendar 1 Feb. 259 BCE == Greg. Calendar 28 Jan. 259 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

MARCH 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 17 25	6♓22'33	22♈40	24♓21	15♈ 5	29°R49	6♐45	2°R27	29♒13	18♈ 9	23°R12	24°R 5	25♏ 3	8♎ 5	n.a.	S 1
M 2	10 21 22	7°21'38	7♉13	25°44	15°31	29♍34	6°50	2♍22	29°16	18°11	23♎10	24♏ 2	25° 0	8°12	n.a.	M 2
T 3	10 25 18	8°20'41	21°25	27° 1	15°55	29°19	6°55	2°18	29°20	18°12	23° 9	24°D 1	24°57	8°18	n.a.	T 3
W 4	10 29 15	9°19'42	5♊14	28°13	16°17	29° 3	7° 0	2°13	29°23	18°14	23° 7	24°R 1	24°54	8°25	n.a.	W 4
T 5	10 33 11	10°18'39	18°42	29°19	16°38	28°46	7° 4	2° 8	29°27	18°16	23° 6	24° 1	24°51	8°32	n.a.	T 5
F 6	10 37 8	11°17'35	1♋51	0♈19	16°56	28°29	7° 9	2° 4	29°30	18°18	23° 4	23°59	24°47	8°38	n.a.	F 6
S 7	10 41 5	12°16'28	14°45	1°12	17°13	28°11	7°13	1°59	29°33	18°20	23° 2	23°55	24°44	8°45	n.a.	S 7
S 8	10 45 1	13°15'19	27°24	2° 0	17°27	27°53	7°17	1°55	29°37	18°22	23° 1	23°48	24°41	8°52	n.a.	S 8
M 9	10 48 58	14°14'07	9♌52	2°40	17°39	27°34	7°21	1°50	29°40	18°24	22°59	23°39	24°38	8°58	n.a.	M 9
T 10	10 52 54	15°12'53	22°11	3°14	17°50	27°15	7°25	1°46	29°43	18°26	22°58	23°28	24°35	9° 5	n.a.	T 10
W11	10 56 51	16°11'37	4♍21	3°41	17°58	26°55	7°29	1°41	29°47	18°27	22°57	23°15	24°31	9°12	n.a.	W11
T 12	11 0 47	17°10'19	16°24	4° 2	18° 3	26°35	7°32	1°37	29°50	18°29	22°55	23° 3	24°28	9°18	n.a.	T 12
F 13	11 4 44	18° 8'58	28°20	4°16	18° 7	26°14	7°35	1°32	29°53	18°31	22°54	22°52	24°25	9°25	n.a.	F 13
S 14	11 8 40	19° 7'36	10♎12	4°24	18°R 8	25°53	7°38	1°28	29°57	18°33	22°52	22°42	24°22	9°32	n.a.	S 14
S 15	11 12 37	20° 6'12	22° 1	4°R25	18° 6	25°31	7°41	1°24	29°59	18°35	22°51	22°35	24°19	9°38	n.a.	S 15
M16	11 16 33	21° 4'45	3♏50	4°20	18° 2	25°10	7°44	1°20	0♓ 3	18°37	22°49	22°31	24°16	9°45	n.a.	M16
T 17	11 20 30	22° 3'17	15°42	4° 9	17°56	24°48	7°47	1°15	0° 6	18°40	22°48	22°29	24°12	9°52	n.a.	T 17
W18	11 24 27	23° 1'47	27°41	3°53	17°47	24°26	7°49	1°11	0° 9	18°42	22°47	22°D29	24° 9	9°58	n.a.	W18
T 19	11 28 23	24° 0'16	9♐52	3°32	17°36	24° 3	7°51	1° 7	0°13	18°44	22°45	22°30	24° 6	10° 5	n.a.	T 19
F 20	11 32 20	24°58'43	22°19	3° 5	17°23	23°41	7°53	1° 3	0°16	18°46	22°44	22°R30	24° 3	10°12	n.a.	F 20
S 21	11 36 16	25°57'08	5♑ 8	2°35	17° 6	23°19	7°55	0°59	0°19	18°48	22°43	22°30	24° 0	10°19	n.a.	S 21
S 22	11 40 13	26°55'31	18°22	2° 1	16°48	22°56	7°56	0°55	0°22	18°50	22°41	22°28	23°56	10°25	n.a.	S 22
M23	11 44 9	27°53'53	2♒ 5	1°25	16°27	22°34	7°58	0°51	0°25	18°52	22°40	22°24	23°53	10°32	n.a.	M23
T 24	11 48 6	28°52'13	16°18	0°46	16° 4	22°11	7°59	0°47	0°28	18°54	22°39	22°17	23°50	10°39	n.a.	T 24
W25	11 52 2	29°50'31	0♓57	0° 6	15°39	21°49	8° 0	0°44	0°32	18°56	22°38	22°10	23°47	10°45	n.a.	W25
T 26	11 55 59	0♈48'47	15°58	29♓25	15°12	21°27	8° 1	0°40	0°35	18°59	22°36	22° 2	23°44	10°52	n.a.	T 26
F 27	11 59 55	1°47'02	1♈11	28°45	14°43	21° 5	8° 2	0°36	0°38	19° 1	22°35	21°55	23°41	10°59	n.a.	F 27
S 28	12 3 52	2°45'15	16°26	28° 5	14°12	20°43	8° 2	0°33	0°41	19° 3	22°34	21°49	23°37	11° 5	n.a.	S 28
S 29	12 7 49	3°43'26	1♉32	27°26	13°39	20°22	8° 3	0°29	0°44	19° 5	22°33	21°45	23°34	11°12	n.a.	S 29
M30	12 11 45	4°41'35	16°21	26°50	13° 5	20° 1	8°R 3	0°26	0°47	19° 7	22°32	21°D44	23°31	11°19	n.a.	M30
T 31	12 15 42	5♈39'42	0♊47	26♓17	12♈30	19♍40	8♐ 3	0♍22	0♓50	19♈ 9	22♌31	21♏44	23♏28	11♎25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	9s17	11n21	2n38	0s42	1n43	11n 4	5n30	3n13	3n26	21s10	0n32	13n 1	2n27	12s34	0s44	5n25	1s56	28n58	16n 2	19s 1	19s15	6s42			n.a.
M 2	8 55	15 28	1 28	0n 2	1 55	11 21	5 37	3 19	3 26	21 11	0 32	13 3	2 27	12 33	0 44	5 26	1 56	28 59	16 2	19 0	19 15	6 44			n.a.
T 3	8 32	18 33	0 14	0 44	2 6	11 37	5 44	3 24	3 25	21 11	0 32	13 4	2 27	12 32	0 44	5 27	1 56	28 59	16 1	19 0	19 14	6 46			n.a.
W 4	8 10	20 28	0s59	1 23	2 17	11 52	5 51	3 31	3 25	21 12	0 32	13 6	2 27	12 31	0 44	5 27	1 55	29 0	16 1	19 0	19 13	6 48			n.a.
T 5	7 47	21 8	2 7	1 59	2 28	12 6	5 58	3 37	3 25	21 13	0 32	13 8	2 27	12 30	0 44	5 28	1 55	29 0	16 1	19 0	19 12	6 50			n.a.
F 6	7 25	20 36	3 6	2 32	2 37	12 19	6 5	3 43	3 24	21 14	0 32	13 9	2 28	12 28	0 44	5 29	1 55	29 1	16 1	19 0	19 12	6 52			n.a.
S 7	7 2	19 0	3 55	3 1	2 46	12 32	6 11	3 50	3 23	21 15	0 32	13 11	2 28	12 27	0 44	5 30	1 55	29 1	16 1	18 59	19 11	6 54			n.a.
S 8	6 39	16 30	4 31	3 27	2 54	12 43	6 17	3 57	3 23	21 15	0 32	13 13	2 28	12 26	0 44	5 30	1 55	29 2	16 1	18 57	19 10	6 56			n.a.
M 9	6 17	13 17	4 53	3 50	3 1	12 54	6 23	4 4	3 22	21 16	0 32	13 14	2 28	12 25	0 44	5 31	1 55	29 2	16 1	18 55	19 9	6 59			n.a.
T 10	5 54	9 32	5 2	4 10	3 7	13 3	6 29	4 11	3 21	21 17	0 32	13 16	2 28	12 24	0 44	5 32	1 55	29 3	16 1	18 52	19 8	7 1			n.a.
W11	5 31	5 26	4 56	4 25	3 12	13 11	6 35	4 18	3 20	21 17	0 32	13 18	2 27	12 22	0 44	5 33	1 55	29 3	16 1	18 49	19 8	7 3			n.a.
T 12	5 8	1 10	4 38	4 37	3 16	13 18	6 40	4 25	3 19	21 18	0 32	13 19	2 27	12 21	0 44	5 34	1 55	29 3	16 0	18 45	19 7	7 5			n.a.
F 13	4 44	3s 6	4 7	4 45	3 19	13 24	6 45	4 32	3 18	21 18	0 32	13 21	2 27	12 20	0 44	5 34	1 55	29 4	16 0	18 42	19 6	7 7			n.a.
S 14	4 21	7 14	3 25	4 49	3 20	13 29	6 50	4 40	3 17	21 19	0 32	13 22	2 27	12 19	0 44	5 35	1 55	29 4	16 0	18 40	19 5	7 9			n.a.
S 15	3 58	11 4	2 35	4 49	3 20	13 32	6 54	4 47	3 15	21 19	0 32	13 24	2 27	12 18	0 44	5 36	1 55	29 4	16 0	18 38	19 4	7 11			n.a.
M16	3 35	14 29	1 38	4 46	3 18	13 34	6 58	4 54	3 14	21 20	0 32	13 25	2 27	12 17	0 44	5 37	1 55	29 5	16 0	18 37	19 4	7 13			n.a.
T 17	3 11	17 19	0 36	4 39	3 15	13 35	7 1	5 2	3 13	21 20	0 32	13 27	2 27	12 15	0 44	5 38	1 55	29 5	16 0	18 37	19 3	7 15			n.a.
W18	2 48	19 26	0n28	4 28	3 11	13 34	7 4	5 9	3 11	21 21	0 32	13 28	2 27	12 14	0 44	5 38	1 55	29 5	15 59	18 37	19 2	7 17			n.a.
T 19	2 25	20 41	1 32	4 14	3 5	13 32	7 7	5 17	3 9	21 21	0 32	13 30	2 27	12 13	0 44	5 39	1 55	29 6	15 59	18 37	19 1	7 19			n.a.
F 20	2 1	20 57	2 33	3 57	2 57	13 28	7 8	5 24	3 8	21 21	0 32	13 31	2 27	12 12	0 44	5 40	1 55	29 6	15 59	18 37	19 0	7 22			n.a.
S 21	1 38	20 9	3 28	3 37	2 49	13 23	7 10	5 31	3 6	21 22	0 32	13 32	2 27	12 11	0 44	5 41	1 55	29 6	15 59	18 37	19 0	7 24			n.a.
S 22	1 14	18 15	4 14	3 14	2 38	13 17	7 10	5 39	3 4	21 22	0 32	13 34	2 27	12 10	0 44	5 42	1 55	29 6	15 58	18 36	18 59	7 26			n.a.
M23	0 51	15 15	4 48	2 48	2 27	13 9	7 10	5 46	3 2	21 22	0 32	13 35	2 27	12 9	0 44	5 43	1 55	29 6	15 58	18 35	18 58	7 28			n.a.
T 24	0 27	11 18	5 5	2 21	2 14	12 59	7 10	5 53	3 0	21 23	0 32	13 36	2 27	12 8	0 44	5 43	1 55	29 7	15 58	18 34	18 57	7 30			n.a.
W25	0 4	6 33	5 3	1 53	2 0	12 48	7 8	6 0	2 58	21 23	0 32	13 38	2 27	12 7	0 44	5 44	1 55	29 7	15 58	18 32	18 57	7 32			n.a.
T 26	0n20	1 18	4 41	1 23	1 46	12 35	7 6	6 7	2 55	21 23	0 32	13 39	2 27	12 5	0 44	5 45	1 55	29 7	15 57	18 30	18 56	7 34			n.a.
F 27	0 43	4n 6	3 58	0 52	1 30	12 21	7 3	6 13	2 53	21 23	0 32	13 40	2 27	12 4	0 44	5 46	1 55	29 7	15 57	18 28	18 55	7 36			n.a.
S 28	1 6	9 16	2 59	0 22	1 14	12 5	7 0	6 20	2 51	21 23	0 32	13 41	2 27	12 3	0 44	5 47	1 55	29 7	15 57	18 26	18 54	7 38			n.a.
S 29	1 30	13 49	1 47	0s 9	0 58	11 48	6 55	6 26	2 48	21 23	0 32	13 43	2 26	12 2	0 44	5 48	1 55	29 8	15 57	18 25	18 53	7 40			n.a.
M30	1 53	17 23	0 29	0 39	0 41	11 30	6 50	6 32	2 46	21 23	0 32	13 44	2 26	12 1	0 45	5 48	1 55	29 8	15 56	18 25	18 53	7 42			n.a.
T 31	2n16	19n46	0s49	1s 7	0n24	11n11	6n44	6n38	2n43	21s23	0n32	13n45	2n26	12s 0	0s45	5n49	1s55	29n 8	15n56	18s25	18s52	7s44			n.a.

Julian Day Number = 1626882.5, Delta T = 03h44m13s
Ecliptic obliquity = 23°43'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'38, Lahiri = - 7°31'37 Julian Calendar 1 March 259 BCE == Greg. Calendar 25 Feb. 259 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

APRIL 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 19 38	6♈37'47	14♊48	25°R46	11°R54	19°R20	8°R 2	0°R19	0♓53	19♈12	22°R30	21♏45	23♏25	11♎32	n.a.	W 1
T 2	12 23 35	7°35'50	28°22	25♓19	11♈17	19♍ 0	8♐ 2	0♍16	0°56	19°14	22♌29	21°46	23°22	11°39	n.a.	T 2
F 3	12 27 31	8°33'51	11♋34	24°57	10°39	18°41	8° 1	0°13	0°58	19°16	22°28	21°R46	23°18	11°45	n.a.	F 3
S 4	12 31 28	9°31'49	24°24	24°38	10° 1	18°22	8° 0	0° 9	1° 1	19°18	22°27	21°45	23°15	11°52	n.a.	S 4
S 5	12 35 24	10°29'46	6♌57	24°24	9°23	18° 4	7°59	0° 6	1° 4	19°21	22°26	21°42	23°12	11°59	n.a.	S 5
M 6	12 39 21	11°27'41	19°16	24°15	8°45	17°47	7°58	0° 4	1° 7	19°23	22°25	21°38	23° 9	12° 5	n.a.	M 6
T 7	12 43 18	12°25'34	1♍25	24°10	8° 8	17°30	7°57	0° 1	1°10	19°25	22°24	21°31	23° 6	12°12	n.a.	T 7
W 8	12 47 14	13°23'25	13°25	24°D10	7°31	17°13	7°55	29♌58	1°12	19°27	22°23	21°25	23° 2	12°19	n.a.	W 8
T 9	12 51 11	14°21'15	25°20	24°14	6°55	16°58	7°53	29°55	1°15	19°29	22°22	21°18	22°59	12°25	n.a.	T 9
F 10	12 55 7	15°19'02	7♎12	24°23	6°20	16°43	7°51	29°53	1°18	19°32	22°21	21°11	22°56	12°32	n.a.	F 10
S 11	12 59 4	16°16'49	19° 1	24°37	5°47	16°29	7°49	29°50	1°21	19°34	22°20	21° 6	22°53	12°39	n.a.	S 11
S 12	13 3 0	17°14'33	0♏51	24°56	5°15	16°15	7°47	29°48	1°23	19°36	22°20	21° 3	22°50	12°45	n.a.	S 12
M13	13 6 57	18°12'16	12°43	25°18	4°45	16° 2	7°45	29°45	1°26	19°38	22°19	21° 1	22°47	12°52	n.a.	M13
T 14	13 10 53	19° 9'58	24°41	25°46	4°16	15°50	7°42	29°43	1°28	19°41	22°18	21°D 1	22°43	12°59	n.a.	T 14
W15	13 14 50	20° 7'39	6♐45	26°17	3°50	15°39	7°39	29°41	1°31	19°43	22°17	21° 2	22°40	13° 5	n.a.	W15
T 16	13 18 47	21° 5'18	19° 1	26°52	3°25	15°29	7°36	29°39	1°33	19°45	22°17	21° 3	22°37	13°12	n.a.	T 16
F 17	13 22 43	22° 2'56	1♑32	27°31	3° 3	15°19	7°33	29°37	1°36	19°47	22°16	21° 5	22°34	13°19	n.a.	F 17
S 18	13 26 40	23° 0'34	14°21	28°14	2°44	15°10	7°29	29°35	1°38	19°50	22°15	21° 6	22°31	13°26	n.a.	S 18
S 19	13 30 36	23°58'10	27°33	29° 1	2°26	15° 2	7°26	29°33	1°41	19°52	22°15	21°R 6	22°27	13°32	n.a.	S 19
M20	13 34 33	24°55'44	11♒ 9	29°51	2°11	14°55	7°22	29°32	1°43	19°54	22°14	21° 5	22°24	13°39	n.a.	M20
T 21	13 38 29	25°53'18	25°12	0♈45	1°59	14°48	7°18	29°30	1°45	19°56	22°14	21° 3	22°21	13°46	n.a.	T 21
W22	13 42 26	26°50'51	9♓39	1°42	1°48	14°43	7°14	29°29	1°48	19°59	22°13	21° 1	22°18	13°52	n.a.	W22
T 23	13 46 22	27°48'23	24°29	2°42	1°41	14°38	7°10	29°27	1°50	20° 1	22°13	20°58	22°15	13°59	n.a.	T 23
F 24	13 50 19	28°45'54	9♈33	3°45	1°35	14°34	7° 6	29°26	1°52	20° 3	22°12	20°55	22°12	14° 6	n.a.	F 24
S 25	13 54 16	29°43'23	24°44	4°51	1°33	14°31	7° 1	29°25	1°54	20° 5	22°12	20°53	22° 8	14°12	n.a.	S 25
S 26	13 58 12	0♉40'52	9♉51	6° 1	1°D32	14°28	6°56	29°24	1°56	20° 8	22°12	20°51	22° 5	14°19	n.a.	S 26
M27	14 2 9	1°38'19	24°46	7°13	1°34	14°27	6°51	29°23	1°59	20°10	22°11	20°D51	22° 2	14°26	n.a.	M27
T 28	14 6 5	2°35'46	9♊21	8°28	1°38	14°D26	6°46	29°22	2° 1	20°12	22°11	20°52	21°59	14°32	n.a.	T 28
W29	14 10 2	3°33'11	23°32	9°46	1°44	14°26	6°41	29°21	2° 3	20°14	22°11	20°53	21°56	14°39	n.a.	W29
T 30	14 13 58	4♉30'34	7♋15	11♈ 6	1♈52	14♍27	6♐36	29♌20	2♓ 5	20♈16	22♌10	20♏54	21♏53	14♎46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n40	20n50	2s 2	1s35	0n 8	10n50	6n37	6n44	2n41	21s23	0n32	13n46	2n26	11s59	0s45	5n50	1s55	29n 8	15n56	18s25	18s51	7s46		n.a.
T 2	3 3	20 38	3 5	2 1	0s 9	10 28	6 30	6 49	2 38	21 23	0 32	13 47	2 26	11 58	0 45	5 51	1 55	29 8	15 55	18 25	18 50	7 48		n.a.
F 3	3 26	19 17	3 57	2 25	0 25	10 6	6 21	6 54	2 35	21 23	0 32	13 48	2 26	11 57	0 45	5 52	1 55	29 8	15 55	18 26	18 49	7 50		n.a.
S 4	3 49	16 58	4 36	2 46	0 41	9 42	6 12	6 59	2 32	21 23	0 32	13 49	2 26	11 56	0 45	5 53	1 55	29 8	15 55	18 25	18 48	7 52		n.a.
S 5	4 12	13 55	5 0	3 6	0 56	9 18	6 2	7 4	2 30	21 23	0 32	13 50	2 26	11 55	0 45	5 54	1 55	29 8	15 54	18 24	18 48	7 54		n.a.
M 6	4 35	10 19	5 10	3 23	1 10	8 53	5 52	7 8	2 27	21 23	0 32	13 51	2 26	11 54	0 45	5 54	1 55	29 8	15 54	18 23	18 47	7 57		n.a.
T 7	4 58	6 21	5 5	3 37	1 24	8 28	5 41	7 12	2 24	21 23	0 32	13 52	2 25	11 53	0 45	5 55	1 55	29 8	15 54	18 22	18 46	7 59		n.a.
W 8	5 21	2 10	4 48	3 49	1 37	8 3	5 29	7 16	2 21	21 22	0 31	13 53	2 25	11 52	0 45	5 56	1 55	29 8	15 53	18 20	18 45	8 1		n.a.
T 9	5 43	2s 3	4 17	3 59	1 49	7 37	5 17	7 19	2 18	21 22	0 31	13 54	2 25	11 51	0 45	5 57	1 55	29 8	15 53	18 18	18 44	8 3		n.a.
F 10	6 6	6 11	3 36	4 5	2 0	7 12	5 5	7 22	2 15	21 22	0 31	13 54	2 25	11 50	0 45	5 58	1 55	29 8	15 53	18 16	18 44	8 5		n.a.
S 11	6 29	10 5	2 46	4 9	2 11	6 47	4 52	7 25	2 12	21 22	0 31	13 55	2 25	11 49	0 45	5 59	1 55	29 8	15 52	18 15	18 43	8 7		n.a.
S 12	6 51	13 35	1 48	4 11	2 20	6 22	4 39	7 28	2 9	21 21	0 31	13 56	2 25	11 48	0 45	6 0	1 55	29 8	15 52	18 14	18 42	8 9		n.a.
M13	7 13	16 34	0 45	4 10	2 29	5 57	4 25	7 30	2 6	21 21	0 31	13 57	2 25	11 47	0 45	6 0	1 55	29 8	15 52	18 14	18 41	8 11		n.a.
T 14	7 35	18 50	0n20	4 6	2 37	5 33	4 11	7 32	2 3	21 20	0 31	13 57	2 24	11 47	0 45	6 1	1 55	29 8	15 51	18 13	18 40	8 13		n.a.
W15	7 57	20 18	1 25	4 0	2 44	5 10	3 57	7 34	2 0	21 20	0 31	13 58	2 24	11 46	0 45	6 2	1 55	29 8	15 51	18 14	18 40	8 15		n.a.
T 16	8 19	20 49	2 28	3 51	2 50	4 47	3 43	7 35	1 57	21 20	0 31	13 58	2 24	11 45	0 45	6 3	1 55	29 8	15 51	18 14	18 39	8 17		n.a.
F 17	8 41	20 19	3 24	3 40	2 55	4 25	3 29	7 36	1 54	21 19	0 31	13 59	2 24	11 44	0 45	6 4	1 55	29 7	15 50	18 15	18 38	8 19		n.a.
S 18	9 3	18 46	4 12	3 27	3 0	4 5	3 15	7 37	1 51	21 19	0 31	13 59	2 24	11 43	0 45	6 5	1 55	29 7	15 50	18 15	18 37	8 21		n.a.
S 19	9 24	16 11	4 48	3 12	3 3	3 45	3 1	7 37	1 48	21 18	0 31	14 0	2 24	11 42	0 45	6 6	1 55	29 7	15 49	18 15	18 36	8 23		n.a.
M20	9 46	12 40	5 10	2 54	3 6	3 26	2 47	7 37	1 45	21 18	0 31	14 0	2 23	11 41	0 45	6 6	1 55	29 7	15 49	18 15	18 35	8 25		n.a.
T 21	10 7	8 21	5 14	2 34	3 8	3 8	2 34	7 37	1 42	21 17	0 31	14 1	2 23	11 41	0 45	6 7	1 55	29 7	15 49	18 14	18 35	8 27		n.a.
W22	10 28	3 27	4 58	2 13	3 10	2 52	2 20	7 37	1 39	21 16	0 31	14 1	2 23	11 40	0 45	6 8	1 55	29 7	15 48	18 13	18 34	8 29		n.a.
T 23	10 49	1n47	4 23	1 49	3 10	2 36	2 6	7 36	1 36	21 16	0 31	14 2	2 23	11 39	0 45	6 9	1 55	29 6	15 48	18 13	18 33	8 31		n.a.
F 24	11 10	7 1	3 28	1 24	3 10	2 22	1 53	7 35	1 33	21 15	0 31	14 2	2 23	11 38	0 45	6 10	1 55	29 6	15 47	18 12	18 32	8 33		n.a.
S 25	11 30	11 51	2 19	0 56	3 9	2 9	1 40	7 33	1 30	21 14	0 31	14 2	2 23	11 37	0 45	6 11	1 55	29 6	15 47	18 11	18 31	8 35		n.a.
S 26	11 51	15 54	1 0	0 27	3 8	1 57	1 28	7 31	1 27	21 14	0 30	14 2	2 22	11 37	0 45	6 12	1 55	29 6	15 47	18 11	18 30	8 37		n.a.
M27	12 11	18 50	0s22	0n 4	3 5	1 46	1 15	7 29	1 24	21 13	0 30	14 3	2 22	11 36	0 45	6 12	1 55	29 5	15 46	18 11	18 30	8 39		n.a.
T 28	12 31	20 28	1 41	0 36	3 2	1 37	1 3	7 27	1 22	21 12	0 30	14 3	2 22	11 35	0 45	6 13	1 55	29 5	15 46	18 11	18 29	8 41		n.a.
W29	12 51	20 43	2 51	1 11	2 59	1 29	0 51	7 24	1 19	21 11	0 30	14 3	2 22	11 35	0 45	6 14	1 55	29 5	15 45	18 11	18 28	8 43		n.a.
T 30	13n11	19n42	3s49	1n46	2s55	1n21	0n40	7n21	1n16	21s11	0n30	14n 3	2n22	11s34	0s45	6n15	1s55	29n 4	15n45	18s12	18s27	8s45		n.a.

Julian Day Number = 1626913.5, Delta T = 03h44m12s
Ecliptic obliquity = 23°43'31, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'34, Lahiri = - 7°31'33 Julian Calendar 1 Apr. 259 BCE == Greg. Calendar 28 March 259 BCE

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

MAY 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 17 55	5♉27'57	20♋33	12♈29	2♈ 3	14♍28	6°R31	29°R20	2♓ 7	20♈19	22°R10	20♏55	21♏49	14♎52	n.a.	F 1
S 2	14 21 51	6°25'18	3♌27	13°55	2°15	14°31	6♐25	29♌19	2° 9	20°21	22♌10	20°R55	21°46	14°59	n.a.	S 2
S 3	14 25 48	7°22'38	16° 1	15°24	2°30	14°34	6°19	29°19	2°10	20°23	22°10	20°55	21°43	15° 6	n.a.	S 3
M 4	14 29 45	8°19'56	28°18	16°55	2°47	14°38	6°13	29°18	2°12	20°25	22°10	20°55	21°40	15°12	n.a.	M 4
T 5	14 33 41	9°17'14	10♍23	18°29	3° 5	14°43	6° 7	29°18	2°14	20°27	22°10	20°53	21°37	15°19	n.a.	T 5
W 6	14 37 38	10°14'30	22°18	20° 5	3°25	14°48	6° 1	29°18	2°16	20°29	22°10	20°52	21°33	15°26	n.a.	W 6
T 7	14 41 34	11°11'45	4♎ 9	21°44	3°47	14°54	5°55	29°D18	2°17	20°32	22°D10	20°50	21°30	15°32	n.a.	T 7
F 8	14 45 31	12° 9'00	15°59	23°26	4°11	15° 1	5°49	29°18	2°19	20°34	22°10	20°49	21°27	15°39	n.a.	F 8
S 9	14 49 27	13° 6'13	27°49	25°10	4°36	15° 9	5°42	29°18	2°21	20°36	22°10	20°48	21°24	15°46	n.a.	S 9
S 10	14 53 24	14° 3'26	9♏43	26°56	5° 3	15°17	5°36	29°19	2°22	20°38	22°10	20°48	21°21	15°52	n.a.	S 10
M11	14 57 20	15° 0'38	21°42	28°45	5°32	15°26	5°29	29°19	2°24	20°40	22°10	20°D48	21°18	15°59	n.a.	M11
T 12	15 1 17	15°57'49	3♐50	0♉37	6° 2	15°36	5°22	29°20	2°25	20°42	22°10	20°48	21°14	16° 6	n.a.	T 12
W13	15 5 14	16°55'00	16° 6	2°31	6°33	15°46	5°16	29°20	2°27	20°44	22°10	20°48	21°11	16°12	n.a.	W13
T 14	15 9 10	17°52'11	28°35	4°27	7° 6	15°57	5° 9	29°21	2°28	20°46	22°10	20°48	21° 8	16°19	n.a.	T 14
F 15	15 13 7	18°49'21	11♊17	6°26	7°40	16° 9	5° 2	29°22	2°30	20°48	22°10	20°49	21° 5	16°26	n.a.	F 15
S 16	15 17 3	19°46'30	24°15	8°27	8°15	16°21	4°55	29°23	2°31	20°50	22°11	20°49	21° 2	16°32	n.a.	S 16
S 17	15 21 0	20°43'40	7♒30	10°29	8°52	16°34	4°47	29°24	2°32	20°52	22°11	20°R49	20°59	16°39	n.a.	S 17
M18	15 24 56	21°40'49	21° 5	12°34	9°30	16°47	4°40	29°25	2°33	20°54	22°11	20°D49	20°55	16°46	n.a.	M18
T 19	15 28 53	22°37'58	4♓59	14°40	10° 9	17° 1	4°33	29°26	2°35	20°56	22°12	20°49	20°52	16°52	n.a.	T 19
W20	15 32 49	23°35'07	19°13	16°48	10°49	17°16	4°26	29°27	2°36	20°58	22°12	20°49	20°49	16°59	n.a.	W20
T 21	15 36 46	24°32'16	3♈45	18°57	11°30	17°31	4°18	29°29	2°37	21° 0	22°13	20°49	20°46	17° 6	n.a.	T 21
F 22	15 40 43	25°29'24	18°30	21° 7	12°12	17°47	4°11	29°30	2°38	21° 2	22°13	20°50	20°43	17°12	n.a.	F 22
S 23	15 44 39	26°26'33	3♉23	23°17	12°55	18° 3	4° 3	29°32	2°39	21° 4	22°13	20°50	20°39	17°19	n.a.	S 23
S 24	15 48 36	27°23'42	18°16	25°28	13°38	18°20	3°56	29°33	2°40	21° 6	22°14	20°R50	20°36	17°26	n.a.	S 24
M25	15 52 32	28°20'50	3♊ 2	27°40	14°23	18°38	3°48	29°35	2°41	21° 8	22°14	20°50	20°33	17°32	n.a.	M25
T 26	15 56 29	29°17'58	17°33	29°51	15° 9	18°56	3°40	29°37	2°41	21°10	22°15	20°50	20°30	17°39	n.a.	T 26
W27	16 0 25	0♊15'06	1♋45	2♊ 1	15°55	19°14	3°33	29°39	2°42	21°12	22°16	20°49	20°27	17°46	n.a.	W27
T 28	16 4 22	1°12'14	15°33	4°11	16°43	19°33	3°25	29°41	2°43	21°13	22°16	20°48	20°24	17°52	n.a.	T 28
F 29	16 8 18	2° 9'21	28°56	6°20	17°31	19°53	3°17	29°43	2°44	21°15	22°17	20°46	20°20	17°59	n.a.	F 29
S 30	16 12 15	3° 6'28	11♌54	8°28	18°19	20°13	3°10	29°45	2°44	21°17	22°18	20°45	20°17	18° 6	n.a.	S 30
S 31	16 16 12	4♊ 3'35	24♌31	10♊35	19♈ 9	20♍33	3♐ 2	29♌48	2♓45	21♈19	22♌18	20♏44	20♏14	18♎12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	13n30	17n38	4s33	2n23	2s50	1n15	0n28	7n18	1n13	21s10	0n30	14n 3	2n21	11s33	0s45	6n16	1s55	29n 4	15n44	18s12	18s26	8s47		n.a.	F 1
S 2	13 49	14 43	5 2	3 2	2 44	1 10	0 17	7 15	1 10	21 9	0 30	14 3	2 21	11 33	0 45	6 16	1 55	29 4	15 44	18 12	18 25	8 49		n.a.	S 2
S 3	14 8	11 12	5 15	3 42	2 38	1 7	0 7	7 11	1 8	21 8	0 30	14 3	2 21	11 32	0 45	6 17	1 55	29 3	15 44	18 12	18 25	8 51		n.a.	S 3
M 4	14 27	7 18	5 14	4 23	2 32	1 4	0s 3	7 7	1 5	21 7	0 30	14 3	2 21	11 31	0 45	6 18	1 55	29 3	15 43	18 12	18 24	8 53		n.a.	M 4
T 5	14 46	3 10	4 59	5 6	2 25	1 2	0 13	7 3	1 2	21 6	0 30	14 3	2 21	11 31	0 46	6 19	1 55	29 3	15 43	18 11	18 23	8 55		n.a.	T 5
W 6	15 4	1s 3	4 30	5 50	2 17	1 2	0 23	6 58	0 59	21 5	0 30	14 3	2 21	11 30	0 46	6 20	1 55	29 2	15 42	18 11	18 22	8 56		n.a.	W 6
T 7	15 22	5 12	3 51	6 35	2 9	1 2	0 32	6 53	0 57	21 4	0 29	14 2	2 20	11 29	0 46	6 20	1 55	29 2	15 42	18 11	18 21	8 58		n.a.	T 7
F 8	15 40	9 9	3 1	7 20	2 1	1 3	0 41	6 48	0 54	21 3	0 29	14 2	2 20	11 29	0 46	6 21	1 55	29 2	15 41	18 10	18 20	9 0		n.a.	F 8
S 9	15 57	12 45	2 4	8 7	1 52	1 6	0 50	6 43	0 52	21 2	0 29	14 2	2 20	11 28	0 46	6 22	1 55	29 1	15 41	18 10	18 20	9 2		n.a.	S 9
S 10	16 15	15 52	1 1	8 55	1 42	1 9	0 58	6 37	0 49	21 1	0 29	14 2	2 20	11 28	0 46	6 23	1 55	29 1	15 40	18 10	18 19	9 4		n.a.	S 10
M11	16 32	18 20	0n 5	9 43	1 32	1 13	1 6	6 31	0 47	21 0	0 29	14 1	2 20	11 27	0 46	6 24	1 55	29 0	15 40	18 10	18 18	9 6		n.a.	M11
T 12	16 49	20 0	1 12	10 32	1 22	1 18	1 14	6 25	0 44	20 59	0 29	14 1	2 19	11 27	0 46	6 24	1 55	29 0	15 40	18 10	18 17	9 8		n.a.	T 12
W13	17 5	20 44	2 16	11 22	1 12	1 24	1 21	6 19	0 42	20 58	0 29	14 1	2 19	11 26	0 46	6 25	1 55	28 59	15 39	18 10	18 16	9 10		n.a.	W13
T 14	17 22	20 28	3 15	12 12	1 1	1 30	1 28	6 12	0 39	20 56	0 29	14 0	2 19	11 26	0 46	6 26	1 55	28 59	15 39	18 10	18 15	9 12		n.a.	T 14
F 15	17 38	19 10	4 5	13 2	0 51	1 38	1 35	6 6	0 37	20 55	0 29	14 0	2 19	11 25	0 46	6 27	1 55	28 58	15 38	18 10	18 15	9 14		n.a.	F 15
S 16	17 53	16 51	4 44	13 52	0 40	1 46	1 41	5 59	0 35	20 54	0 29	13 59	2 19	11 25	0 46	6 27	1 55	28 58	15 38	18 10	18 14	9 16		n.a.	S 16
S 17	18 9	13 38	5 9	14 41	0 29	1 55	1 47	5 52	0 32	20 53	0 28	13 59	2 18	11 24	0 46	6 28	1 55	28 57	15 37	18 10	18 13	9 18		n.a.	S 17
M18	18 24	9 38	5 18	15 31	0 18	2 4	1 53	5 44	0 30	20 52	0 28	13 58	2 18	11 24	0 46	6 29	1 55	28 57	15 37	18 10	18 12	9 20		n.a.	M18
T 19	18 39	5 1	5 8	16 19	0 7	2 15	1 59	5 37	0 28	20 51	0 28	13 57	2 18	11 24	0 46	6 30	1 55	28 56	15 37	18 10	18 11	9 22		n.a.	T 19
W20	18 54	0 2	4 40	17 7	0n 4	2 25	2 4	5 29	0 25	20 49	0 28	13 57	2 18	11 23	0 46	6 30	1 55	28 56	15 36	18 10	18 10	9 24		n.a.	W20
T 21	19 8	5n 4	3 53	17 54	0 15	2 37	2 10	5 21	0 23	20 48	0 28	13 56	2 18	11 23	0 46	6 31	1 55	28 55	15 36	18 10	18 9	9 26		n.a.	T 21
F 22	19 22	9 57	2 50	18 39	0 25	2 49	2 14	5 12	0 21	20 47	0 28	13 55	2 17	11 23	0 46	6 32	1 55	28 55	15 35	18 11	18 9	9 27		n.a.	F 22
S 23	19 35	14 17	1 35	19 23	0 35	3 2	2 19	5 4	0 19	20 45	0 28	13 55	2 17	11 22	0 46	6 32	1 55	28 54	15 35	18 11	18 8	9 29		n.a.	S 23
S 24	19 49	17 42	0 14	20 5	0 45	3 15	2 23	4 55	0 17	20 44	0 27	13 54	2 17	11 22	0 46	6 33	1 55	28 53	15 34	18 11	18 7	9 31		n.a.	S 24
M25	20 2	19 55	1s 7	20 45	0 54	3 28	2 28	4 47	0 15	20 43	0 27	13 53	2 17	11 22	0 46	6 34	1 55	28 53	15 34	18 11	18 6	9 33		n.a.	M25
T 26	20 14	20 46	2 23	21 23	1 3	3 43	2 32	4 38	0 13	20 42	0 27	13 52	2 17	11 21	0 46	6 34	1 55	28 52	15 33	18 11	18 5	9 35		n.a.	T 26
W27	20 27	20 15	3 28	21 58	1 11	3 57	2 35	4 28	0 11	20 40	0 27	13 51	2 17	11 21	0 46	6 35	1 55	28 52	15 33	18 10	18 4	9 37		n.a.	W27
T 28	20 39	18 31	4 19	22 31	1 19	4 12	2 39	4 19	0 9	20 39	0 27	13 50	2 16	11 21	0 46	6 36	1 55	28 51	15 33	18 10	18 3	9 39		n.a.	T 28
F 29	20 50	15 49	4 54	23 2	1 25	4 28	2 42	4 9	0 7	20 38	0 27	13 50	2 16	11 21	0 46	6 36	1 55	28 50	15 32	18 10	18 3	9 41		n.a.	F 29
S 30	21 2	12 25	5 13	23 29	1 32	4 44	2 45	4 0	0 5	20 36	0 27	13 49	2 16	11 20	0 46	6 37	1 56	28 50	15 32	18 9	18 2	9 43		n.a.	S 30
S 31	21n13	8n32	5s16	23n54	1n37	5n 0	2s48	3n50	0n 3	20s35	0n26	13n48	2n16	11s20	0s46	6n38	1s56	28n49	15n31	18s 9	18s 1	9s45		n.a.	S 31

Julian Day Number = 1626943.5, Delta T = 03h44m11s
Ecliptic obliquity = 23°43'30, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'30, Lahiri = - 7°31'29 Julian Calendar 1 May 259 BCE == Greg. Calendar 27 Apr. 259 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

JUNE 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 20 8	5♊ 0'41	6♍49	12♊40	19♈59	20♍54	2°R54	29♌50	2♓46	21♈21	22♌19	20°D44	20♏11	18♎19	n.a.	M 1
T 2	16 24 5	5°57'47	18°53	14°44	20°50	21°16	2♐47	29°53	2°46	21°22	22°20	20♏45	20° 8	18°26	n.a.	T 2
W 3	16 28 1	6°54'53	0♎48	16°46	21°41	21°37	2°39	29°55	2°47	21°24	22°21	20°46	20° 4	18°32	n.a.	W 3
T 4	16 31 58	7°51'58	12°38	18°47	22°33	22° 0	2°31	29°58	2°47	21°26	22°22	20°47	20° 1	18°39	n.a.	T 4
F 5	16 35 54	8°49'04	24°28	20°45	23°26	22°23	2°24	0♍ 1	2°47	21°27	22°23	20°48	19°58	18°46	n.a.	F 5
S 6	16 39 51	9°46'09	6♏21	22°42	24°19	22°46	2°16	0° 4	2°48	21°29	22°23	20°50	19°55	18°52	n.a.	S 6
S 7	16 43 47	10°43'15	18°21	24°37	25°13	23° 9	2° 9	0° 7	2°48	21°31	22°24	20°R50	19°52	18°59	n.a.	S 7
M 8	16 47 44	11°40'21	0♐30	26°30	26° 7	23°33	2° 1	0°10	2°48	21°32	22°25	20°50	19°49	19° 6	n.a.	M 8
T 9	16 51 41	12°37'27	12°51	28°21	27° 2	23°58	1°54	0°13	2°48	21°34	22°26	20°49	19°45	19°12	n.a.	T 9
W10	16 55 37	13°34'33	25°24	0♋10	27°57	24°22	1°46	0°16	2°48	21°35	22°27	20°46	19°42	19°19	n.a.	W10
T 11	16 59 34	14°31'40	8♑11	1°58	28°53	24°48	1°39	0°20	2°49	21°37	22°28	20°43	19°39	19°26	n.a.	T 11
F 12	17 3 30	15°28'47	21°13	3°43	29°49	25°13	1°32	0°23	2°R49	21°38	22°30	20°39	19°36	19°32	n.a.	F 12
S 13	17 7 27	16°25'55	4♒28	5°26	0♉46	25°39	1°24	0°26	2°49	21°40	22°31	20°36	19°33	19°39	n.a.	S 13
S 14	17 11 23	17°23'04	17°57	7° 8	1°43	26° 5	1°17	0°30	2°48	21°41	22°32	20°33	19°30	19°46	n.a.	S 14
M15	17 15 20	18°20'13	1♓38	8°47	2°40	26°32	1°10	0°34	2°48	21°43	22°33	20°30	19°26	19°52	n.a.	M15
T 16	17 19 17	19°17'23	15°33	10°25	3°38	26°59	1° 3	0°37	2°48	21°44	22°34	20°D29	19°23	19°59	n.a.	T 16
W17	17 23 13	20°14'33	29°38	12° 0	4°37	27°26	0°56	0°41	2°48	21°46	22°35	20°30	19°20	20° 6	n.a.	W17
T 18	17 27 10	21°11'45	13♈54	13°34	5°36	27°54	0°49	0°45	2°48	21°47	22°37	20°31	19°17	20°12	n.a.	T 18
F 19	17 31 6	22° 8'57	28°18	15° 6	6°35	28°22	0°43	0°49	2°47	21°48	22°38	20°32	19°14	20°19	n.a.	F 19
S 20	17 35 3	23° 6'10	12♉47	16°35	7°34	28°50	0°36	0°53	2°47	21°50	22°39	20°33	19°10	20°26	n.a.	S 20
S 21	17 38 59	24° 3'25	27°17	18° 3	8°34	29°19	0°30	0°57	2°47	21°51	22°41	20°R33	19° 7	20°32	n.a.	S 21
M22	17 42 56	25° 0'40	11♊42	19°29	9°34	29°48	0°23	1° 2	2°46	21°52	22°42	20°32	19° 4	20°39	n.a.	M22
T 23	17 46 52	25°57'56	25°57	20°53	10°35	0♎17	0°17	1° 6	2°46	21°53	22°43	20°29	19° 1	20°46	n.a.	T 23
W24	17 50 49	26°55'13	9♋58	22°14	11°36	0°47	0°11	1°10	2°45	21°54	22°45	20°24	18°58	20°52	n.a.	W24
T 25	17 54 46	27°52'30	23°40	23°34	12°37	1°17	0° 5	1°15	2°45	21°56	22°46	20°18	18°55	20°59	n.a.	T 25
F 26	17 58 42	28°49'48	7♌ 0	24°51	13°38	1°47	29♏59	1°19	2°44	21°57	22°48	20°12	18°51	21° 6	n.a.	F 26
S 27	18 2 39	29°47'07	19°59	26° 6	14°40	2°17	29°53	1°24	2°43	21°58	22°49	20° 6	18°48	21°12	n.a.	S 27
S 28	18 6 35	0♋44'26	2♍36	27°19	15°42	2°48	29°47	1°29	2°43	21°59	22°51	20° 2	18°45	21°19	n.a.	S 28
M29	18 10 32	1°41'46	14°55	28°30	16°45	3°19	29°42	1°33	2°42	22° 0	22°52	19°58	18°42	21°26	n.a.	M29
T 30	18 14 28	2♋39'07	27♍ 0	29♋38	17♉47	3♎50	29♏37	1♍38	2♓41	22♈ 1	22♌54	19♏57	18♏39	21♎32	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n23	4n24	5s 4	24n16	1n42	5n17	2s50	3n40	0n 1	20s34	0n26	13n46	2n16	11s20	0s47	6n38	1s56	28n48	15n31	18s 9	18s 0	9s47		n.a.
T 2	21 34	0 10	4 40	24 36	1 46	5 34	2 53	3 29	0s 1	20 32	0 26	13 45	2 15	11 20	0 47	6 39	1 56	28 48	15 30	18 9	17 59	9 48		n.a.
W 3	21 43	4s 2	4 3	24 53	1 50	5 51	2 55	3 19	0 3	20 31	0 26	13 44	2 15	11 20	0 47	6 39	1 56	28 47	15 30	18 9	17 58	9 50		n.a.
T 4	21 53	8 3	3 16	25 7	1 52	6 8	2 57	3 8	0 5	20 29	0 26	13 43	2 15	11 20	0 47	6 40	1 56	28 46	15 30	18 10	17 57	9 52		n.a.
F 5	22 2	11 46	2 21	25 18	1 54	6 26	2 59	2 58	0 6	20 28	0 26	13 42	2 15	11 20	0 47	6 41	1 56	28 46	15 29	18 10	17 57	9 54		n.a.
S 6	22 11	15 2	1 19	25 27	1 56	6 44	3 1	2 47	0 8	20 27	0 26	13 41	2 15	11 20	0 47	6 41	1 56	28 45	15 29	18 10	17 56	9 56		n.a.
S 7	22 19	17 43	0 14	25 33	1 56	7 3	3 2	2 36	0 10	20 25	0 25	13 40	2 14	11 19	0 47	6 42	1 56	28 44	15 28	18 11	17 55	9 58		n.a.
M 8	22 27	19 38	0n53	25 37	1 56	7 21	3 3	2 25	0 12	20 24	0 25	13 38	2 14	11 19	0 47	6 42	1 56	28 43	15 28	18 11	17 54	10 0		n.a.
T 9	22 35	20 39	1 58	25 39	1 56	7 40	3 5	2 13	0 13	20 23	0 25	13 37	2 14	11 19	0 47	6 43	1 56	28 43	15 27	18 10	17 53	10 2		n.a.
W10	22 42	20 40	2 59	25 38	1 54	7 59	3 6	2 2	0 15	20 21	0 25	13 36	2 14	11 19	0 47	6 43	1 56	28 42	15 27	18 10	17 52	10 3		n.a.
T 11	22 49	19 37	3 52	25 35	1 53	8 18	3 6	1 50	0 17	20 20	0 25	13 34	2 14	11 19	0 47	6 44	1 56	28 41	15 27	18 9	17 51	10 5		n.a.
F 12	22 55	17 32	4 34	25 30	1 50	8 38	3 7	1 39	0 18	20 19	0 25	13 33	2 14	11 19	0 47	6 44	1 56	28 40	15 26	18 8	17 51	10 7		n.a.
S 13	23 1	14 30	5 1	25 24	1 47	8 57	3 8	1 27	0 20	20 17	0 24	13 31	2 13	11 19	0 47	6 45	1 56	28 40	15 26	18 7	17 50	10 9		n.a.
S 14	23 7	10 40	5 13	25 15	1 44	9 17	3 8	1 15	0 21	20 16	0 24	13 30	2 13	11 19	0 47	6 45	1 56	28 39	15 25	18 6	17 49	10 11		n.a.
M15	23 12	6 14	5 8	25 5	1 39	9 36	3 8	1 3	0 23	20 15	0 24	13 29	2 13	11 20	0 47	6 46	1 56	28 38	15 25	18 5	17 48	10 13		n.a.
T 16	23 17	1 24	4 44	24 53	1 35	9 56	3 8	0 51	0 24	20 14	0 24	13 27	2 13	11 20	0 47	6 46	1 56	28 37	15 25	18 5	17 47	10 15		n.a.
W17	23 22	3n34	4 4	24 40	1 30	10 16	3 8	0 38	0 26	20 12	0 24	13 25	2 13	11 20	0 47	6 47	1 56	28 37	15 24	18 5	17 46	10 16		n.a.
T 18	23 26	8 25	3 7	24 25	1 24	10 36	3 8	0 26	0 27	20 11	0 24	13 24	2 13	11 20	0 47	6 47	1 56	28 36	15 24	18 5	17 45	10 18		n.a.
F 19	23 29	12 51	1 59	24 9	1 18	10 55	3 8	0 13	0 29	20 10	0 23	13 22	2 12	11 20	0 47	6 48	1 56	28 35	15 24	18 6	17 44	10 20		n.a.
S 20	23 33	16 32	0 42	23 52	1 11	11 15	3 7	0 0	0 30	20 9	0 23	13 21	2 12	11 20	0 47	6 48	1 57	28 34	15 23	18 6	17 44	10 22		n.a.
S 21	23 35	19 11	0s37	23 33	1 4	11 35	3 6	0s12	0 32	20 7	0 23	13 19	2 12	11 20	0 47	6 49	1 57	28 33	15 23	18 6	17 43	10 24		n.a.
M22	23 38	20 36	1 53	23 14	0 57	11 55	3 6	0 25	0 33	20 6	0 23	13 17	2 12	11 21	0 47	6 49	1 57	28 33	15 23	18 6	17 42	10 26		n.a.
T 23	23 40	20 39	3 1	22 53	0 49	12 15	3 5	0 38	0 34	20 5	0 23	13 16	2 12	11 21	0 47	6 49	1 57	28 32	15 22	18 5	17 41	10 27		n.a.
W24	23 41	19 24	3 57	22 32	0 41	12 35	3 4	0 52	0 36	20 4	0 22	13 14	2 12	11 21	0 47	6 50	1 57	28 31	15 22	18 4	17 40	10 29		n.a.
T 25	23 42	17 4	4 38	22 10	0 32	12 55	3 3	1 5	0 37	20 3	0 22	13 12	2 11	11 21	0 47	6 50	1 57	28 30	15 21	18 2	17 39	10 31		n.a.
F 26	23 43	13 52	5 2	21 48	0 23	13 14	3 1	1 18	0 39	20 2	0 22	13 10	2 11	11 22	0 47	6 51	1 57	28 29	15 21	18 0	17 38	10 33		n.a.
S 27	23 43	10 5	5 10	21 24	0 14	13 34	3 0	1 32	0 40	20 1	0 22	13 9	2 11	11 22	0 48	6 51	1 57	28 28	15 21	17 59	17 37	10 35		n.a.
S 28	23 43	5 58	5 3	21 1	0 4	13 53	2 59	1 45	0 41	20 0	0 22	13 7	2 11	11 22	0 48	6 51	1 57	28 28	15 20	17 58	17 36	10 36		n.a.
M29	23 43	1 41	4 42	20 37	0s 6	14 13	2 57	1 59	0 42	19 59	0 21	13 5	2 11	11 22	0 48	6 52	1 57	28 27	15 20	17 57	17 36	10 38		n.a.
T 30	23n42	2s35	4s 8	20n13	0s16	14n32	2s55	2s13	0s44	19s58	0n21	13n 3	2n11	11s23	0s48	6n52	1s57	28n26	15n20	17s56	17s35	10s40		n.a.

Julian Day Number = 1626974.5, Delta T = 03h44m10s
Ecliptic obliquity = 23°43'30, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'25, Lahiri = - 7°31'25 Julian Calendar 1 June 259 BCE == Greg. Calendar 28 May 259 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

JULY 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 18 25	3♋36'28	8♎55	0♌44	18♉50	4♎22	29°R31	1♍43	2°R40	22♈ 2	22♌55	19°D57	18♏36	21♎39	n.a.	W 1
T 2	18 22 21	4°33'50	20°45	1°47	19°53	4°54	29♏26	1°48	2♓39	22° 3	22°57	19♏58	18°32	21°46	n.a.	T 2
F 3	18 26 18	5°31'13	2♏35	2°47	20°56	5°26	29°21	1°53	2°38	22° 4	22°58	19°59	18°29	21°52	n.a.	F 3
S 4	18 30 15	6°28'37	14°30	3°45	22° 0	5°58	29°17	1°58	2°37	22° 5	23° 0	20°R 0	18°26	21°59	n.a.	S 4
S 5	18 34 11	7°26'02	26°35	4°40	23° 4	6°31	29°12	2° 3	2°36	22° 5	23° 2	20° 0	18°23	22° 6	n.a.	S 5
M 6	18 38 8	8°23'27	8♐54	5°31	24° 8	7° 4	29° 7	2° 9	2°35	22° 6	23° 3	19°58	18°20	22°12	n.a.	M 6
T 7	18 42 4	9°20'54	21°28	6°19	25°12	7°37	29° 3	2°14	2°34	22° 7	23° 5	19°55	18°16	22°19	n.a.	T 7
W 8	18 46 1	10°18'22	4♑20	7° 4	26°17	8°10	28°59	2°19	2°33	22° 8	23° 7	19°49	18°13	22°26	n.a.	W 8
T 9	18 49 57	11°15'51	17°29	7°46	27°22	8°44	28°55	2°25	2°32	22° 9	23° 9	19°41	18°10	22°32	n.a.	T 9
F 10	18 53 54	12°13'21	0♒54	8°23	28°26	9°18	28°51	2°30	2°30	22° 9	23°10	19°32	18° 7	22°39	n.a.	F 10
S 11	18 57 50	13°10'53	14°34	8°57	29°32	9°52	28°48	2°36	2°29	22°10	23°12	19°24	18° 4	22°46	n.a.	S 11
S 12	19 1 47	14° 8'26	28°25	9°26	0♊37	10°26	28°44	2°41	2°28	22°11	23°14	19°16	18° 1	22°52	n.a.	S 12
M13	19 5 44	15° 6'00	12♓23	9°51	1°43	11° 0	28°41	2°47	2°26	22°11	23°16	19°10	17°57	22°59	n.a.	M13
T 14	19 9 40	16° 3'36	26°28	10°12	2°48	11°35	28°38	2°53	2°25	22°12	23°18	19° 6	17°54	23° 6	n.a.	T 14
W15	19 13 37	17° 1'14	10♈35	10°28	3°54	12°10	28°35	2°58	2°23	22°12	23°20	19° 5	17°51	23°12	n.a.	W15
T 16	19 17 33	17°58'53	24°44	10°38	5° 1	12°45	28°32	3° 4	2°22	22°13	23°21	19°D 5	17°48	23°19	n.a.	T 16
F 17	19 21 30	18°56'34	8♉52	10°44	6° 7	13°20	28°29	3°10	2°20	22°13	23°23	19° 5	17°45	23°26	n.a.	F 17
S 18	19 25 26	19°54'17	23° 0	10°R44	7°14	13°56	28°27	3°16	2°19	22°14	23°25	19°R 5	17°42	23°32	n.a.	S 18
S 19	19 29 23	20°52'02	7♊ 5	10°38	8°20	14°31	28°25	3°22	2°17	22°14	23°27	19° 4	17°38	23°39	n.a.	S 19
M20	19 33 19	21°49'49	21° 4	10°27	9°27	15° 7	28°23	3°28	2°16	22°15	23°29	19° 0	17°35	23°46	n.a.	M20
T 21	19 37 16	22°47'37	4♋56	10°10	10°34	15°44	28°21	3°34	2°14	22°15	23°31	18°54	17°32	23°52	n.a.	T 21
W22	19 41 13	23°45'27	18°36	9°48	11°42	16°20	28°19	3°40	2°12	22°15	23°33	18°45	17°29	23°59	n.a.	W22
T 23	19 45 9	24°43'18	2♌ 2	9°19	12°49	16°56	28°18	3°46	2°10	22°16	23°35	18°35	17°26	24° 6	n.a.	T 23
F 24	19 49 6	25°41'11	15°11	8°46	13°57	17°33	28°17	3°53	2° 9	22°16	23°37	18°24	17°22	24°12	n.a.	F 24
S 25	19 53 2	26°39'06	28° 2	8° 7	15° 4	18°10	28°15	3°59	2° 7	22°16	23°39	18°13	17°19	24°19	n.a.	S 25
S 26	19 56 59	27°37'02	10♍35	7°23	16°12	18°47	28°15	4° 5	2° 5	22°16	23°41	18° 3	17°16	24°26	n.a.	S 26
M27	20 0 55	28°34'59	22°52	6°35	17°20	19°24	28°14	4°11	2° 3	22°16	23°43	17°55	17°13	24°32	n.a.	M27
T 28	20 4 52	29°32'58	4♎55	5°43	18°28	20° 2	28°13	4°18	2° 1	22°16	23°45	17°50	17°10	24°39	n.a.	T 28
W29	20 8 48	0♌30'58	16°49	4°49	19°37	20°39	28°13	4°24	1°59	22°16	23°47	17°48	17° 7	24°45	n.a.	W29
T 30	20 12 45	1°29'00	28°38	3°54	20°45	21°17	28°D13	4°31	1°57	22°17	23°49	17°D47	17° 3	24°52	n.a.	T 30
F 31	20 16 42	2♌27'03	10♏28	2♌57	21♊54	21♎55	28♏13	4♍37	1♓55	22°R17	23♌52	17♏47	17♏ 0	24♎59	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n40	6s42	3s24	19n48	0s26	14n51	2s54	2s26	0s45	19s57	0n21	13n 1	2n11	11s23	0s48	6n52	1s57	28n25	15n19	17s56	17s34	10s42			n.a.
T 2	23 39	10 32	2 32	19 24	0 37	15 10	2 52	2 40	0 46	19 56	0 21	12 59	2 10	11 24	0 48	6 53	1 57	28 24	15 19	17 57	17 33	10 44			n.a.
F 3	23 36	13 58	1 33	18 59	0 48	15 28	2 50	2 54	0 47	19 55	0 21	12 57	2 10	11 24	0 48	6 53	1 57	28 23	15 19	17 57	17 32	10 46			n.a.
S 4	23 34	16 51	0 30	18 35	1 0	15 47	2 48	3 8	0 48	19 54	0 21	12 55	2 10	11 24	0 48	6 53	1 57	28 23	15 19	17 57	17 31	10 47			n.a.
S 5	23 31	19 3	0n36	18 11	1 11	16 5	2 46	3 22	0 50	19 53	0 20	12 53	2 10	11 25	0 48	6 53	1 57	28 22	15 18	17 57	17 30	10 49			n.a.
M 6	23 27	20 24	1 40	17 47	1 23	16 23	2 44	3 37	0 51	19 52	0 20	12 51	2 10	11 25	0 48	6 54	1 57	28 21	15 18	17 57	17 29	10 51			n.a.
T 7	23 23	20 46	2 41	17 24	1 34	16 41	2 41	3 51	0 52	19 52	0 20	12 49	2 10	11 26	0 48	6 54	1 58	28 20	15 18	17 56	17 28	10 53			n.a.
W 8	23 19	20 4	3 36	17 1	1 46	16 59	2 39	4 5	0 53	19 51	0 20	12 47	2 10	11 26	0 48	6 54	1 58	28 19	15 17	17 54	17 28	10 54			n.a.
T 9	23 14	18 17	4 20	16 39	1 58	17 16	2 36	4 20	0 54	19 50	0 20	12 45	2 10	11 27	0 48	6 54	1 58	28 18	15 17	17 52	17 27	10 56			n.a.
F 10	23 9	15 28	4 50	16 17	2 10	17 33	2 34	4 34	0 55	19 50	0 19	12 43	2 9	11 27	0 48	6 55	1 58	28 17	15 17	17 50	17 26	10 58			n.a.
S 11	23 4	11 48	5 5	15 57	2 22	17 50	2 31	4 49	0 56	19 49	0 19	12 41	2 9	11 27	0 48	6 55	1 58	28 16	15 17	17 47	17 25	11 0			n.a.
S 12	22 58	7 27	5 2	15 37	2 34	18 6	2 29	5 3	0 57	19 48	0 19	12 39	2 9	11 28	0 48	6 55	1 58	28 16	15 16	17 45	17 24	11 2			n.a.
M13	22 51	2 40	4 41	15 19	2 46	18 22	2 26	5 18	0 58	19 48	0 19	12 36	2 9	11 29	0 48	6 55	1 58	28 15	15 16	17 43	17 23	11 3			n.a.
T 14	22 45	2n18	4 4	15 2	2 58	18 38	2 23	5 32	0 59	19 47	0 19	12 34	2 9	11 29	0 48	6 55	1 58	28 14	15 16	17 42	17 22	11 5			n.a.
W15	22 38	7 10	3 11	14 47	3 10	18 53	2 20	5 47	1 0	19 47	0 18	12 32	2 9	11 30	0 48	6 55	1 58	28 13	15 16	17 42	17 21	11 7			n.a.
T 16	22 30	11 39	2 7	14 33	3 21	19 8	2 17	6 2	1 1	19 46	0 18	12 30	2 9	11 30	0 48	6 55	1 58	28 12	15 15	17 42	17 20	11 9			n.a.
F 17	22 22	15 29	0 54	14 21	3 32	19 23	2 14	6 17	1 2	19 46	0 18	12 28	2 9	11 31	0 48	6 56	1 58	28 11	15 15	17 42	17 20	11 10			n.a.
S 18	22 14	18 24	0s21	14 11	3 42	19 37	2 11	6 31	1 3	19 46	0 18	12 25	2 9	11 31	0 48	6 56	1 58	28 10	15 15	17 42	17 19	11 12			n.a.
S 19	22 5	20 12	1 35	14 3	3 52	19 51	2 8	6 46	1 4	19 45	0 18	12 23	2 8	11 32	0 48	6 56	1 58	28 9	15 15	17 42	17 18	11 14			n.a.
M20	21 56	20 44	2 42	13 58	4 1	20 4	2 5	7 1	1 5	19 45	0 17	12 21	2 8	11 33	0 48	6 56	1 58	28 9	15 15	17 41	17 17	11 16			n.a.
T 21	21 46	19 59	3 39	13 54	4 9	20 17	2 2	7 16	1 6	19 45	0 17	12 18	2 8	11 33	0 48	6 56	1 58	28 8	15 14	17 39	17 16	11 17			n.a.
W22	21 36	18 5	4 22	13 54	4 16	20 30	1 59	7 31	1 7	19 45	0 17	12 16	2 8	11 34	0 48	6 56	1 59	28 7	15 14	17 37	17 15	11 19			n.a.
T 23	21 26	15 13	4 50	13 55	4 22	20 42	1 55	7 46	1 8	19 45	0 17	12 14	2 8	11 35	0 48	6 56	1 59	28 6	15 14	17 34	17 14	11 21			n.a.
F 24	21 16	11 39	5 2	14 0	4 27	20 54	1 52	8 1	1 8	19 44	0 17	12 11	2 8	11 35	0 48	6 56	1 59	28 5	15 14	17 30	17 13	11 23			n.a.
S 25	21 5	7 38	4 58	14 6	4 30	21 5	1 49	8 16	1 9	19 44	0 17	12 9	2 8	11 36	0 48	6 56	1 59	28 4	15 14	17 27	17 12	11 24			n.a.
S 26	20 53	3 22	4 40	14 16	4 32	21 15	1 45	8 31	1 10	19 44	0 16	12 6	2 8	11 37	0 48	6 56	1 59	28 3	15 14	17 25	17 11	11 26			n.a.
M27	20 41	0s56	4 9	14 28	4 32	21 25	1 42	8 46	1 11	19 44	0 16	12 4	2 8	11 37	0 48	6 56	1 59	28 2	15 13	17 23	17 10	11 28			n.a.
T 28	20 29	5 8	3 27	14 42	4 30	21 35	1 38	9 1	1 12	19 44	0 16	12 2	2 8	11 38	0 48	6 56	1 59	28 2	15 13	17 21	17 10	11 30			n.a.
W29	20 17	9 5	2 37	14 59	4 26	21 44	1 35	9 17	1 12	19 45	0 16	11 59	2 8	11 39	0 48	6 56	1 59	28 1	15 13	17 20	17 9	11 31			n.a.
T 30	20 4	12 40	1 40	15 18	4 20	21 53	1 31	9 32	1 13	19 45	0 16	11 57	2 8	11 39	0 49	6 56	1 59	28 0	15 13	17 20	17 8	11 33			n.a.
F 31	19n51	15s45	0s39	15n38	4s12	22n 1	1s28	9s47	1s14	19s45	0n15	11n54	2n 7	11s40	0s49	6n56	1s59	27n59	15n13	17s20	17s 7	11s35			n.a.

Julian Day Number = 1627004.5, Delta T = 03h44m08s
Ecliptic obliquity = 23°43'29, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'21, Lahiri = - 7°31'21 Julian Calendar 1 July 259 BCE == Greg. Calendar 27 June 259 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

AUGUST 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 20 38	3♌25'08	22♏24	2°R 2	23♊ 2	22♎33	28♏13	4♍44	1°R53	22°R17	23♌54	17°R47	16♏57	25♎ 5	n.a.	S 1
S 2	20 24 35	4°23'14	4♐31	1♌ 8	24°11	23°11	28°14	4°51	1♓51	22♈16	23°56	17♏46	16°54	25°12	n.a.	S 2
M 3	20 28 31	5°21'23	16°54	0°17	25°20	23°50	28°14	4°57	1°49	22°16	23°58	17°43	16°51	25°19	n.a.	M 3
T 4	20 32 28	6°19'32	29°38	29♋31	26°30	24°29	28°15	5° 4	1°47	22°16	24° 0	17°37	16°48	25°25	n.a.	T 4
W 5	20 36 24	7°17'44	12♑43	28°50	27°39	25° 7	28°16	5°11	1°45	22°16	24° 2	17°29	16°44	25°32	n.a.	W 5
T 6	20 40 21	8°15'57	26°11	28°15	28°48	25°46	28°17	5°17	1°43	22°16	24° 4	17°19	16°41	25°39	n.a.	T 6
F 7	20 44 17	9°14'12	10♒ 0	27°47	29°58	26°25	28°19	5°24	1°41	22°16	24° 7	17° 7	16°38	25°45	n.a.	F 7
S 8	20 48 14	10°12'28	24° 6	27°27	1♋ 7	27° 4	28°20	5°31	1°38	22°15	24° 9	16°55	16°35	25°52	n.a.	S 8
S 9	20 52 11	11°10'47	8♓23	27°16	2°17	27°44	28°22	5°38	1°36	22°15	24°11	16°44	16°32	25°59	n.a.	S 9
M10	20 56 7	12° 9'08	22°46	27°D14	3°27	28°23	28°24	5°45	1°34	22°15	24°13	16°36	16°28	26° 5	n.a.	M10
T 11	21 0 4	13° 7'31	7♈10	27°20	4°37	29° 3	28°26	5°52	1°32	22°14	24°15	16°30	16°25	26°12	n.a.	T 11
W12	21 4 0	14° 5'56	21°30	27°36	5°47	29°43	28°28	5°59	1°30	22°14	24°17	16°27	16°22	26°19	n.a.	W12
T 13	21 7 57	15° 4'23	5♉43	28° 0	6°58	0♏23	28°31	6° 5	1°27	22°14	24°20	16°26	16°19	26°25	n.a.	T 13
F 14	21 11 53	16° 2'53	19°48	28°34	8° 8	1° 3	28°33	6°12	1°25	22°13	24°22	16°26	16°16	26°32	n.a.	F 14
S 15	21 15 50	17° 1'25	3♊43	29°16	9°19	1°43	28°36	6°19	1°23	22°13	24°24	16°25	16°13	26°39	n.a.	S 15
S 16	21 19 46	18° 0'00	17°30	0♌ 6	10°29	2°23	28°39	6°27	1°20	22°12	24°26	16°23	16° 9	26°45	n.a.	S 16
M17	21 23 43	18°58'36	1♋ 7	1° 4	11°40	3° 4	28°42	6°34	1°18	22°12	24°29	16°19	16° 6	26°52	n.a.	M17
T 18	21 27 40	19°57'16	14°34	2°10	12°51	3°44	28°46	6°41	1°16	22°11	24°31	16°11	16° 3	26°59	n.a.	T 18
W19	21 31 36	20°55'57	27°51	3°22	14° 2	4°25	28°49	6°48	1°13	22°11	24°33	16° 1	16° 0	27° 5	n.a.	W19
T 20	21 35 33	21°54'40	10♌55	4°40	15°13	5° 6	28°53	6°55	1°11	22°10	24°35	15°48	15°57	27°12	n.a.	T 20
F 21	21 39 29	22°53'26	23°47	6° 3	16°24	5°47	28°57	7° 2	1° 9	22° 9	24°37	15°35	15°54	27°19	n.a.	F 21
S 22	21 43 26	23°52'13	6♍24	7°31	17°36	6°28	29° 1	7° 9	1° 6	22° 9	24°40	15°22	15°50	27°25	n.a.	S 22
S 23	21 47 22	24°51'03	18°48	9° 4	18°47	7° 9	29° 6	7°16	1° 4	22° 8	24°42	15°10	15°47	27°32	n.a.	S 23
M24	21 51 19	25°49'54	0♎58	10°40	19°59	7°50	29°10	7°24	1° 1	22° 7	24°44	15° 1	15°44	27°39	n.a.	M24
T 25	21 55 15	26°48'48	12°57	12°19	21°10	8°32	29°15	7°31	0°59	22° 6	24°46	14°54	15°41	27°45	n.a.	T 25
W26	21 59 12	27°47'43	24°48	14° 0	22°22	9°13	29°19	7°38	0°56	22° 5	24°49	14°50	15°38	27°52	n.a.	W26
T 27	22 3 8	28°46'41	6♏35	15°44	23°34	9°55	29°24	7°45	0°54	22° 5	24°51	14°49	15°34	27°58	n.a.	T 27
F 28	22 7 5	29°45'40	18°23	17°29	24°45	10°37	29°30	7°53	0°52	22° 4	24°53	14°D48	15°31	28° 5	n.a.	F 28
S 29	22 11 2	0♍44'41	0♐17	19°15	25°57	11°19	29°35	8° 0	0°49	22° 3	24°55	14°R49	15°28	28°12	n.a.	S 29
S 30	22 14 58	1°43'44	12°23	21° 2	27°10	12° 1	29°40	8° 7	0°47	22° 2	24°58	14°48	15°25	28°18	n.a.	S 30
M31	22 18 55	2♍42'49	24♐46	22♌50	28♋22	12♏43	29♏46	8♍14	0♓44	22♈ 1	25♌ 0	14♏46	15♏22	28♎25	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	19n37	18s12	0n24	16n 0	4s 3	22n 8	1s24	10s 2	1s15	19s45	0n15	11n52	2n 7	11s41	0s49	6n56	1s59	27n58	15n13	17s20	17s 6	11s36		n.a.	S 1
S 2	19 24	19 52	1 28	16 23	3 51	22 15	1 21	10 17	1 15	19 45	0 15	11 49	2 7	11 42	0 49	6 56	1 59	27 57	15 13	17 20	17 5	11 38		n.a.	S 2
M 3	19 9	20 37	2 28	16 47	3 38	22 21	1 17	10 32	1 16	19 46	0 15	11 47	2 7	11 42	0 49	6 56	1 59	27 56	15 13	17 19	17 4	11 40		n.a.	M 3
T 4	18 55	20 21	3 22	17 11	3 23	22 27	1 14	10 47	1 17	19 46	0 15	11 44	2 7	11 43	0 49	6 56	1 59	27 56	15 12	17 17	17 3	11 42		n.a.	T 4
W 5	18 40	19 0	4 8	17 35	3 7	22 32	1 10	11 2	1 18	19 46	0 15	11 42	2 7	11 44	0 49	6 55	1 59	27 55	15 12	17 15	17 2	11 43		n.a.	W 5
T 6	18 25	16 34	4 41	17 59	2 50	22 37	1 6	11 17	1 18	19 47	0 14	11 39	2 7	11 45	0 49	6 55	2 0	27 54	15 12	17 12	17 1	11 45		n.a.	T 6
F 7	18 9	13 10	4 58	18 22	2 33	22 41	1 3	11 32	1 19	19 47	0 14	11 36	2 7	11 46	0 49	6 55	2 0	27 53	15 12	17 9	17 0	11 47		n.a.	F 7
S 8	17 54	8 57	4 58	18 43	2 14	22 44	0 59	11 47	1 19	19 48	0 14	11 34	2 7	11 46	0 49	6 55	2 0	27 52	15 12	17 5	17 0	11 48		n.a.	S 8
S 9	17 38	4 12	4 40	19 4	1 56	22 47	0 56	12 2	1 20	19 48	0 14	11 31	2 7	11 47	0 49	6 55	2 0	27 51	15 12	17 2	16 59	11 50		n.a.	S 9
M10	17 21	0n49	4 3	19 23	1 37	22 49	0 52	12 17	1 21	19 49	0 14	11 29	2 7	11 48	0 49	6 55	2 0	27 51	15 12	17 0	16 58	11 52		n.a.	M10
T 11	17 5	5 48	3 12	19 40	1 18	22 50	0 48	12 32	1 21	19 50	0 13	11 26	2 7	11 49	0 49	6 55	2 0	27 50	15 12	16 58	16 57	11 53		n.a.	T 11
W12	16 48	10 27	2 8	19 54	1 0	22 51	0 45	12 47	1 22	19 50	0 13	11 23	2 7	11 50	0 49	6 54	2 0	27 49	15 12	16 57	16 56	11 55		n.a.	W12
T 13	16 30	14 28	0 56	20 7	0 42	22 51	0 41	13 1	1 23	19 51	0 13	11 21	2 7	11 51	0 49	6 54	2 0	27 48	15 12	16 57	16 55	11 57		n.a.	T 13
F 14	16 13	17 37	0s18	20 17	0 25	22 51	0 38	13 16	1 23	19 52	0 13	11 18	2 7	11 51	0 49	6 54	2 0	27 47	15 12	16 57	16 54	11 58		n.a.	F 14
S 15	15 55	19 40	1 30	20 24	0 9	22 50	0 34	13 31	1 24	19 53	0 13	11 15	2 7	11 52	0 49	6 54	2 0	27 47	15 12	16 57	16 53	12 0		n.a.	S 15
S 16	15 37	20 32	2 36	20 28	0n 6	22 48	0 30	13 46	1 24	19 54	0 13	11 13	2 7	11 53	0 49	6 53	2 0	27 46	15 12	16 56	16 52	12 2		n.a.	S 16
M17	15 19	20 10	3 33	20 30	0 21	22 46	0 27	14 0	1 25	19 54	0 12	11 10	2 7	11 54	0 49	6 53	2 0	27 45	15 12	16 55	16 51	12 3		n.a.	M17
T 18	15 0	18 40	4 17	20 28	0 34	22 42	0 23	14 15	1 25	19 55	0 12	11 7	2 7	11 55	0 49	6 53	2 0	27 44	15 12	16 53	16 50	12 5		n.a.	T 18
W19	14 41	16 10	4 46	20 23	0 47	22 39	0 20	14 29	1 26	19 56	0 12	11 5	2 7	11 56	0 49	6 53	2 0	27 43	15 12	16 50	16 49	12 7		n.a.	W19
T 20	14 22	12 54	4 59	20 16	0 58	22 34	0 16	14 44	1 26	19 57	0 12	11 2	2 7	11 57	0 49	6 52	2 0	27 43	15 12	16 46	16 48	12 8		n.a.	T 20
F 21	14 3	9 5	4 57	20 5	1 8	22 29	0 13	14 58	1 27	19 58	0 12	10 59	2 7	11 57	0 49	6 52	2 0	27 42	15 12	16 42	16 48	12 10		n.a.	F 21
S 22	13 43	4 55	4 41	19 51	1 17	22 24	0 9	15 12	1 27	19 59	0 12	10 57	2 7	11 58	0 49	6 52	2 1	27 41	15 12	16 38	16 47	12 12		n.a.	S 22
S 23	13 24	0 38	4 11	19 34	1 25	22 17	0 6	15 26	1 28	20 1	0 11	10 54	2 7	11 59	0 49	6 51	2 1	27 40	15 12	16 35	16 46	12 13		n.a.	S 23
M24	13 4	3s36	3 30	19 14	1 32	22 10	0 3	15 40	1 28	20 2	0 11	10 51	2 7	12 0	0 49	6 51	2 1	27 40	15 12	16 32	16 45	12 15		n.a.	M24
T 25	12 43	7 38	2 41	18 52	1 37	22 3	0n 1	15 54	1 28	20 3	0 11	10 48	2 7	12 1	0 49	6 51	2 1	27 39	15 12	16 30	16 44	12 17		n.a.	T 25
W26	12 23	11 20	1 44	18 27	1 42	21 55	0 4	16 8	1 29	20 4	0 11	10 46	2 7	12 2	0 49	6 50	2 1	27 38	15 12	16 29	16 43	12 18		n.a.	W26
T 27	12 2	14 34	0 44	18 0	1 46	21 46	0 7	16 22	1 29	20 5	0 11	10 43	2 7	12 3	0 49	6 50	2 1	27 37	15 12	16 28	16 42	12 20		n.a.	T 27
F 28	11 41	17 12	0n19	17 30	1 49	21 36	0 10	16 36	1 30	20 7	0 11	10 40	2 7	12 3	0 49	6 50	2 1	27 37	15 12	16 28	16 41	12 22		n.a.	F 28
S 29	11 20	19 8	1 21	16 59	1 51	21 26	0 14	16 50	1 30	20 8	0 10	10 37	2 7	12 4	0 49	6 49	2 1	27 36	15 12	16 28	16 40	12 23		n.a.	S 29
S 30	10 59	20 13	2 21	16 25	1 52	21 15	0 17	17 3	1 30	20 9	0 10	10 35	2 7	12 5	0 49	6 49	2 1	27 35	15 13	16 28	16 39	12 25		n.a.	S 30
M31	10n38	20s22	3n16	15n50	1n52	21n 4	0n20	17s17	1s31	20s11	0n10	10n32	2n 7	12s 6	0s49	6n48	2s 1	27n35	15n13	16s28	16s38	12s26		n.a.	M31

Julian Day Number = 1627035.5, Delta T = 03h44m07s
Ecliptic obliquity = 23°43'29, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'17, Lahiri = - 7°31'17 Julian Calendar 1 Aug. 259 BCE == Greg. Calendar 28 July 259 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

SEPTEMBER 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 22 51	3♍41'56	7♉31	24♌38	29♋34	13♏25	29♏52	8♍22	0°R42	22°R 0	25♌ 2	14°R42	15♏19	28♎32	n.a.	T 1
W 2	22 26 48	4°41'05	20°42	26°27	0♌46	14° 8	29°58	8°29	0♓40	21♈59	25° 4	14♏35	15°15	28°38	n.a.	W 2
T 3	22 30 44	5°40'15	4♒19	28°15	1°59	14°50	0♐ 4	8°36	0°37	21°58	25° 6	14°26	15°12	28°45	n.a.	T 3
F 4	22 34 41	6°39'28	18°22	0♍ 3	3°11	15°33	0°10	8°43	0°35	21°57	25° 9	14°15	15° 9	28°52	n.a.	F 4
S 5	22 38 37	7°38'43	2♓47	1°51	4°24	16°15	0°17	8°51	0°32	21°56	25°11	14° 5	15° 6	28°58	n.a.	S 5
S 6	22 42 34	8°37'59	17°28	3°38	5°36	16°58	0°23	8°58	0°30	21°55	25°13	13°55	15° 3	29° 5	n.a.	S 6
M 7	22 46 31	9°37'18	2♈17	5°25	6°49	17°41	0°30	9° 5	0°28	21°53	25°15	13°47	14°59	29°12	n.a.	M 7
T 8	22 50 27	10°36'39	17° 6	7°11	8° 2	18°24	0°37	9°13	0°25	21°52	25°17	13°42	14°56	29°18	n.a.	T 8
W 9	22 54 24	11°36'03	1♉47	8°57	9°15	19° 7	0°44	9°20	0°23	21°51	25°20	13°40	14°53	29°25	n.a.	W 9
T 10	22 58 20	12°35'29	16°16	10°42	10°28	19°50	0°51	9°27	0°20	21°50	25°22	13°D39	14°50	29°32	n.a.	T 10
F 11	23 2 17	13°34'57	0♊29	12°26	11°41	20°33	0°58	9°35	0°18	21°49	25°24	13°40	14°47	29°38	n.a.	F 11
S 12	23 6 13	14°34'28	14°25	14°10	12°54	21°17	1° 6	9°42	0°16	21°47	25°26	13°R40	14°44	29°45	n.a.	S 12
S 13	23 10 10	15°34'02	28° 4	15°53	14° 7	22° 0	1°13	9°49	0°14	21°46	25°28	13°39	14°40	29°52	n.a.	S 13
M14	23 14 6	16°33'38	11♋28	17°35	15°21	22°44	1°21	9°56	0°11	21°45	25°30	13°37	14°37	29°58	n.a.	M14
T 15	23 18 3	17°33'16	24°37	19°17	16°34	23°27	1°29	10° 4	0° 9	21°44	25°32	13°31	14°34	0♏ 5	n.a.	T 15
W16	23 21 59	18°32'56	7♌34	20°58	17°48	24°11	1°37	10°11	0° 7	21°42	25°34	13°24	14°31	0°11	n.a.	W16
T 17	23 25 56	19°32'39	20°18	22°38	19° 1	24°55	1°45	10°18	0° 4	21°41	25°37	13°15	14°28	0°18	n.a.	T 17
F 18	23 29 53	20°32'24	2♍50	24°17	20°15	25°39	1°54	10°25	0° 2	21°39	25°39	13° 4	14°25	0°25	n.a.	F 18
S 19	23 33 49	21°32'11	15°11	25°56	21°28	26°22	2° 2	10°33	29♒59	21°38	25°41	12°55	14°21	0°31	n.a.	S 19
S 20	23 37 46	22°32'01	27°22	27°35	22°42	27° 6	2°11	10°40	29°58	21°37	25°43	12°46	14°18	0°38	n.a.	S 20
M21	23 41 42	23°31'52	9♎23	29°12	23°56	27°51	2°19	10°47	29°56	21°35	25°45	12°39	14°15	0°45	n.a.	M21
T 22	23 45 39	24°31'45	21°17	0♎49	25°10	28°35	2°28	10°54	29°53	21°34	25°47	12°34	14°12	0°51	n.a.	T 22
W23	23 49 35	25°31'41	3♏ 5	2°26	26°24	29°19	2°37	11° 1	29°51	21°32	25°49	12°31	14° 9	0°58	n.a.	W23
T 24	23 53 32	26°31'38	14°51	4° 2	27°38	0♐ 3	2°46	11° 8	29°49	21°31	25°51	12°D31	14° 5	1° 5	n.a.	T 24
F 25	23 57 28	27°31'37	26°38	5°37	28°52	0°48	2°55	11°16	29°47	21°29	25°53	12°32	14° 2	1°11	n.a.	F 25
S 26	0 1 25	28°31'38	8♐31	7°12	0♍ 6	1°32	3° 5	11°23	29°45	21°28	25°55	12°33	13°59	1°18	n.a.	S 26
S 27	0 5 22	29°31'40	20°35	8°46	1°20	2°17	3°14	11°30	29°43	21°26	25°57	12°34	13°56	1°25	n.a.	S 27
M28	0 9 18	0♎31'45	2♉55	10°20	2°34	3° 1	3°24	11°37	29°41	21°25	25°59	12°R35	13°53	1°31	n.a.	M28
T 29	0 13 15	1°31'51	15°36	11°53	3°48	3°46	3°34	11°44	29°39	21°23	26° 1	12°34	13°50	1°38	n.a.	T 29
W30	0 17 11	2♎31'59	28♉42	13♎26	5♍ 2	4♐31	3♐43	11♍51	29♒37	21♈21	26♌ 2	12♏31	13♏46	1♏45	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n16	19s29	4n 2	15n13	1n52	20n52	0n23	17s30	1s31	20s12	0n10	10n29	2n 7	12s 7	0s49	6n48	2s 1	27n34	15n13	16s26	16s37	12s28		n.a.
W 2	9 54	17 32	4 37	14 35	1 51	20 39	0 26	17 43	1 31	20 13	0 10	10 26	2 7	12 8	0 49	6 48	2 1	27 33	15 13	16 24	16 36	12 30		n.a.
T 3	9 32	14 35	4 58	13 56	1 50	20 26	0 29	17 56	1 32	20 15	0 10	10 24	2 7	12 9	0 49	6 47	2 1	27 33	15 13	16 22	16 35	12 31		n.a.
F 4	9 10	10 43	5 2	13 16	1 48	20 12	0 32	18 9	1 32	20 16	0 10	10 21	2 7	12 10	0 49	6 47	2 1	27 32	15 13	16 18	16 34	12 33		n.a.
S 5	8 48	6 8	4 47	12 35	1 45	19 57	0 35	18 22	1 32	20 18	0 9	10 18	2 7	12 10	0 49	6 46	2 1	27 31	15 13	16 15	16 33	12 35		n.a.
S 6	8 26	1 8	4 13	11 53	1 42	19 42	0 38	18 35	1 33	20 19	0 9	10 15	2 7	12 11	0 49	6 46	2 1	27 31	15 14	16 12	16 33	12 36		n.a.
M 7	8 3	4n 0	3 22	11 10	1 39	19 26	0 40	18 47	1 33	20 21	0 9	10 13	2 7	12 12	0 49	6 45	2 1	27 30	15 14	16 10	16 32	12 38		n.a.
T 8	7 41	8 54	2 17	10 27	1 35	19 10	0 43	19 0	1 33	20 23	0 9	10 10	2 7	12 13	0 49	6 45	2 1	27 29	15 14	16 8	16 31	12 39		n.a.
W 9	7 18	13 13	1 3	9 43	1 31	18 53	0 46	19 12	1 33	20 24	0 9	10 7	2 7	12 14	0 49	6 44	2 1	27 29	15 14	16 8	16 30	12 41		n.a.
T 10	6 55	16 41	0s14	8 58	1 26	18 36	0 48	19 24	1 34	20 26	0 9	10 4	2 7	12 15	0 49	6 44	2 2	27 28	15 14	16 7	16 29	12 42		n.a.
F 11	6 32	19 3	1 29	8 14	1 21	18 18	0 51	19 36	1 34	20 28	0 8	10 2	2 7	12 15	0 49	6 43	2 2	27 27	15 14	16 8	16 28	12 44		n.a.
S 12	6 9	20 12	2 37	7 29	1 16	18 0	0 53	19 48	1 34	20 29	0 8	9 59	2 7	12 16	0 49	6 43	2 2	27 27	15 15	16 8	16 27	12 46		n.a.
S 13	5 45	20 8	3 35	6 43	1 11	17 41	0 56	20 0	1 34	20 31	0 8	9 56	2 7	12 17	0 49	6 42	2 2	27 26	15 15	16 8	16 26	12 47		n.a.
M14	5 22	18 55	4 19	5 58	1 6	17 21	0 58	20 12	1 34	20 33	0 8	9 53	2 7	12 18	0 49	6 42	2 2	27 26	15 15	16 7	16 25	12 49		n.a.
T 15	4 58	16 42	4 50	5 13	1 0	17 1	1 1	20 23	1 35	20 34	0 8	9 51	2 7	12 19	0 49	6 41	2 2	27 25	15 15	16 5	16 24	12 50		n.a.
W16	4 35	13 42	5 4	4 27	0 54	16 41	1 3	20 34	1 35	20 36	0 8	9 48	2 7	12 19	0 49	6 41	2 2	27 25	15 15	16 3	16 23	12 52		n.a.
T 17	4 11	10 6	5 4	3 41	0 48	16 20	1 5	20 45	1 35	20 38	0 8	9 45	2 7	12 20	0 49	6 40	2 2	27 24	15 16	16 0	16 22	12 54		n.a.
F 18	3 47	6 7	4 48	2 56	0 42	15 58	1 7	20 56	1 35	20 40	0 7	9 43	2 7	12 21	0 49	6 40	2 2	27 24	15 16	15 57	16 21	12 55		n.a.
S 19	3 24	1 55	4 19	2 10	0 35	15 36	1 9	21 7	1 35	20 42	0 7	9 40	2 8	12 22	0 49	6 39	2 2	27 23	15 16	15 54	16 20	12 57		n.a.
S 20	3 0	2s17	3 39	1 25	0 29	15 14	1 11	21 17	1 35	20 44	0 7	9 37	2 8	12 23	0 49	6 38	2 2	27 23	15 16	15 51	16 19	12 58		n.a.
M21	2 36	6 21	2 49	0 40	0 23	14 51	1 13	21 28	1 35	20 45	0 7	9 34	2 8	12 23	0 49	6 38	2 2	27 22	15 17	15 49	16 18	13 0		n.a.
T 22	2 12	10 8	1 52	0s 5	0 16	14 28	1 15	21 38	1 35	20 47	0 7	9 32	2 8	12 24	0 49	6 37	2 2	27 22	15 17	15 48	16 17	13 1		n.a.
W23	1 48	13 29	0 51	0 50	0 9	14 4	1 17	21 48	1 35	20 49	0 7	9 29	2 8	12 25	0 49	6 37	2 2	27 21	15 17	15 47	16 16	13 3		n.a.
T 24	1 24	16 17	0n13	1 35	0 3	13 40	1 18	21 58	1 36	20 51	0 7	9 26	2 8	12 26	0 49	6 36	2 2	27 21	15 18	15 47	16 15	13 4		n.a.
F 25	1 0	18 24	1 16	2 19	0s 4	13 15	1 20	22 7	1 36	20 53	0 7	9 24	2 8	12 26	0 49	6 35	2 2	27 20	15 18	15 47	16 14	13 6		n.a.
S 26	0 36	19 44	2 17	3 3	0 11	12 50	1 21	22 16	1 36	20 55	0 6	9 21	2 8	12 27	0 49	6 35	2 2	27 20	15 18	15 47	16 14	13 8		n.a.
S 27	0 11	20 12	3 12	3 47	0 17	12 25	1 23	22 26	1 36	20 57	0 6	9 18	2 8	12 28	0 49	6 34	2 2	27 19	15 19	15 48	16 13	13 9		n.a.
M28	0s13	19 42	4 0	4 30	0 24	11 59	1 24	22 35	1 36	20 59	0 6	9 16	2 8	12 28	0 48	6 34	2 2	27 19	15 19	15 48	16 12	13 11		n.a.
T 29	0 37	18 12	4 38	5 13	0 31	11 33	1 26	22 43	1 36	21 1	0 6	9 13	2 8	12 29	0 48	6 33	2 2	27 19	15 19	15 47	16 11	13 12		n.a.
W30	1s 1	15s44	5n 2	5s56	0s37	11n 7	1n27	22s52	1s36	21s 3	0n 6	9n11	2n 9	12s30	0s48	6n32	2s 2	27n18	15n20	15s47	16s10	13s14		n.a.

Julian Day Number = 1627066.5, Delta T = 03h44m06s
Ecliptic obliquity = 23°43'29, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'13, Lahiri = - 7°31'12 Julian Calendar 1 Sept. 259 BCE == Greg. Calendar 28 Aug. 259 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

OCTOBER 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 21 8	3♎32'08	12♒16	14♎58	6♍17	5♐15	3♐53	11♍58	29°R35	21°R20	26♌ 4	12°R26	13♏43	1♏51	n.a.	T 1
F 2	0 25 4	4°32'19	26°19	16°30	7°31	6° 0	4° 3	12° 5	29♒34	21♈18	26° 6	12♏21	13°40	1°58	n.a.	F 2
S 3	0 29 1	5°32'32	10♓49	18° 2	8°45	6°45	4°13	12°12	29°32	21°17	26° 8	12°15	13°37	2° 5	n.a.	S 3
S 4	0 32 57	6°32'46	25°40	19°33	10° 0	7°30	4°24	12°19	29°30	21°15	26°10	12°10	13°34	2°11	n.a.	S 4
M 5	0 36 54	7°33'02	10♈45	21° 3	11°14	8°15	4°34	12°25	29°28	21°13	26°12	12° 5	13°30	2°18	n.a.	M 5
T 6	0 40 50	8°33'21	25°54	22°33	12°29	9° 0	4°45	12°32	29°26	21°12	26°13	12° 3	13°27	2°24	n.a.	T 6
W 7	0 44 47	9°33'41	10♉58	24° 3	13°44	9°45	4°55	12°39	29°25	21°10	26°15	12°D 2	13°24	2°31	n.a.	W 7
T 8	0 48 44	10°34'03	25°48	25°32	14°58	10°31	5° 6	12°46	29°23	21° 8	26°17	12° 2	13°21	2°38	n.a.	T 8
F 9	0 52 40	11°34'27	10♊19	27° 1	16°13	11°16	5°17	12°52	29°21	21° 7	26°19	12° 4	13°18	2°44	n.a.	F 9
S 10	0 56 37	12°34'53	24°27	28°29	17°28	12° 1	5°27	12°59	29°20	21° 5	26°20	12° 5	13°15	2°51	n.a.	S 10
S 11	1 0 33	13°35'22	8♋12	29°57	18°42	12°46	5°38	13° 6	29°18	21° 3	26°22	12°R 6	13°11	2°58	n.a.	S 11
M12	1 4 30	14°35'52	21°34	1♏24	19°57	13°32	5°49	13°12	29°17	21° 2	26°24	12° 6	13° 8	3° 4	n.a.	M12
T 13	1 8 26	15°36'24	4♌37	2°50	21°12	14°17	6° 1	13°19	29°15	21° 0	26°25	12° 5	13° 5	3°11	n.a.	T 13
W14	1 12 23	16°36'59	17°21	4°16	22°27	15° 3	6°12	13°26	29°14	20°58	26°27	12° 2	13° 2	3°18	n.a.	W14
T 15	1 16 19	17°37'35	29°51	5°42	23°42	15°48	6°23	13°32	29°13	20°57	26°28	11°59	12°59	3°24	n.a.	T 15
F 16	1 20 16	18°38'12	12♍ 8	7° 6	24°57	16°34	6°35	13°38	29°11	20°55	26°30	11°55	12°56	3°31	n.a.	F 16
S 17	1 24 13	19°38'52	24°15	8°30	26°12	17°20	6°46	13°45	29°10	20°53	26°31	11°51	12°52	3°38	n.a.	S 17
S 18	1 28 9	20°39'33	6♎14	9°53	27°27	18° 5	6°58	13°51	29° 9	20°51	26°33	11°47	12°49	3°44	n.a.	S 18
M19	1 32 6	21°40'16	18° 7	11°15	28°42	18°51	7° 9	13°57	29° 7	20°50	26°34	11°44	12°46	3°51	n.a.	M19
T 20	1 36 2	22°41'01	29°56	12°36	29°57	19°37	7°21	14° 4	29° 6	20°48	26°36	11°43	12°43	3°57	n.a.	T 20
W21	1 39 59	23°41'47	11♏43	13°55	1♎12	20°23	7°33	14°10	29° 5	20°46	26°37	11°D42	12°40	4° 4	n.a.	W21
T 22	1 43 55	24°42'34	23°30	15°14	2°27	21° 8	7°45	14°16	29° 4	20°45	26°39	11°43	12°36	4°11	n.a.	T 22
F 23	1 47 52	25°43'23	5♐20	16°30	3°42	21°54	7°57	14°22	29° 3	20°43	26°40	11°44	12°33	4°17	n.a.	F 23
S 24	1 51 48	26°44'13	17°16	17°45	4°57	22°40	8° 9	14°28	29° 2	20°41	26°41	11°45	12°30	4°24	n.a.	S 24
S 25	1 55 45	27°45'04	29°22	18°58	6°13	23°26	8°21	14°34	29° 1	20°40	26°43	11°47	12°27	4°31	n.a.	S 25
M26	1 59 42	28°45'56	11♑41	20° 8	7°28	24°12	8°34	14°40	29° 0	20°38	26°44	11°48	12°24	4°37	n.a.	M26
T 27	2 3 38	29°46'49	24°18	21°16	8°43	24°58	8°46	14°46	28°59	20°36	26°45	11°R48	12°21	4°44	n.a.	T 27
W28	2 7 35	0♏47'43	7♒17	22°20	9°58	25°44	8°58	14°52	28°59	20°35	26°46	11°48	12°17	4°51	n.a.	W28
T 29	2 11 31	1°48'39	20°42	23°21	11°14	26°30	9°11	14°58	28°58	20°33	26°48	11°48	12°14	4°57	n.a.	T 29
F 30	2 15 28	2°49'35	4♓33	24°19	12°29	27°16	9°23	15° 3	28°57	20°31	26°49	11°47	12°11	5° 4	n.a.	F 30
S 31	2 19 24	3♏50'31	18♓52	25♏11	13♎44	28♐ 3	9♐36	15♍ 9	28♒57	20♈30	26♌50	11♏46	12♏ 8	5♏11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1s25	12s21	5n11	6s39	0s44	10n40	1n28	23s 0	1s36	21s 5	0n 6	9n 8	2n 9	12s30	0s48	6n32	2s 2	27n18	15n20	15s45	16s 9	13s15			n.a.
F 2	1 49	8 10	5 2	7 20	0 51	10 13	1 29	23 8	1 36	21 7	0 6	9 5	2 9	12 31	0 48	6 31	2 2	27 18	15 20	15 44	16 8	13 17			n.a.
S 3	2 14	3 23	4 34	8 2	0 57	9 46	1 30	23 16	1 36	21 9	0 5	9 3	2 9	12 32	0 48	6 31	2 2	27 17	15 21	15 42	16 7	13 18			n.a.
S 4	2 38	1n43	3 46	8 43	1 3	9 19	1 31	23 24	1 36	21 11	0 5	9 0	2 9	12 32	0 48	6 30	2 2	27 17	15 21	15 40	16 6	13 20			n.a.
M 5	3 2	6 48	2 43	9 23	1 10	8 51	1 32	23 31	1 36	21 13	0 5	8 58	2 9	12 33	0 48	6 29	2 2	27 17	15 21	15 39	16 5	13 21			n.a.
T 6	3 26	11 28	1 27	10 3	1 16	8 23	1 33	23 38	1 36	21 15	0 5	8 55	2 9	12 33	0 48	6 29	2 2	27 16	15 22	15 38	16 4	13 23			n.a.
W 7	3 50	15 23	0 6	10 42	1 22	7 54	1 33	23 45	1 36	21 17	0 5	8 53	2 9	12 34	0 48	6 28	2 2	27 16	15 22	15 38	16 3	13 24			n.a.
T 8	4 14	18 13	1s15	11 21	1 28	7 26	1 34	23 52	1 35	21 19	0 5	8 50	2 9	12 35	0 48	6 27	2 2	27 16	15 22	15 38	16 2	13 26			n.a.
F 9	4 38	19 48	2 29	11 59	1 34	6 57	1 35	23 58	1 35	21 22	0 5	8 48	2 10	12 35	0 48	6 27	2 2	27 15	15 23	15 38	16 1	13 27			n.a.
S 10	5 2	20 4	3 32	12 36	1 39	6 28	1 35	24 4	1 35	21 24	0 5	8 45	2 10	12 36	0 48	6 26	2 2	27 15	15 23	15 39	16 0	13 29			n.a.
S 11	5 25	19 7	4 21	13 13	1 45	5 59	1 35	24 10	1 35	21 26	0 4	8 43	2 10	12 36	0 48	6 25	2 2	27 15	15 24	15 39	15 59	13 30			n.a.
M12	5 49	17 7	4 55	13 49	1 50	5 29	1 36	24 16	1 35	21 28	0 4	8 40	2 10	12 37	0 48	6 25	2 2	27 15	15 24	15 39	15 58	13 32			n.a.
T 13	6 13	14 18	5 12	14 24	1 55	5 0	1 36	24 21	1 35	21 30	0 4	8 38	2 10	12 37	0 48	6 24	2 2	27 15	15 24	15 39	15 57	13 33			n.a.
W14	6 36	10 51	5 13	14 59	2 0	4 30	1 36	24 27	1 35	21 32	0 4	8 35	2 10	12 38	0 48	6 24	2 2	27 14	15 25	15 38	15 56	13 35			n.a.
T 15	7 0	6 59	4 59	15 32	2 5	4 0	1 36	24 32	1 35	21 34	0 4	8 33	2 10	12 38	0 48	6 23	2 2	27 14	15 25	15 37	15 55	13 36			n.a.
F 16	7 23	2 54	4 32	16 5	2 9	3 30	1 36	24 36	1 34	21 36	0 4	8 31	2 11	12 39	0 48	6 22	2 2	27 14	15 26	15 35	15 54	13 38			n.a.
S 17	7 47	1s15	3 53	16 36	2 13	3 0	1 36	24 41	1 34	21 38	0 4	8 28	2 11	12 39	0 48	6 22	2 2	27 14	15 26	15 34	15 53	13 39			n.a.
S 18	8 10	5 19	3 4	17 7	2 17	2 30	1 36	24 45	1 34	21 40	0 4	8 26	2 11	12 39	0 48	6 21	2 2	27 14	15 27	15 33	15 52	13 41			n.a.
M19	8 33	9 8	2 7	17 36	2 20	1 59	1 36	24 49	1 34	21 42	0 4	8 24	2 11	12 40	0 48	6 20	2 2	27 14	15 27	15 32	15 51	13 42			n.a.
T 20	8 56	12 35	1 5	18 5	2 24	1 29	1 36	24 52	1 34	21 44	0 3	8 21	2 11	12 40	0 48	6 20	2 2	27 14	15 28	15 32	15 50	13 44			n.a.
W21	9 18	15 32	0n 0	18 32	2 26	0 58	1 35	24 56	1 34	21 47	0 3	8 19	2 11	12 40	0 48	6 19	2 2	27 13	15 28	15 32	15 49	13 45			n.a.
T 22	9 41	17 49	1 5	18 57	2 28	0 28	1 35	24 59	1 33	21 49	0 3	8 17	2 12	12 41	0 48	6 18	2 2	27 13	15 28	15 32	15 48	13 46			n.a.
F 23	10 3	19 21	2 7	19 22	2 30	0s 3	1 35	25 1	1 33	21 51	0 3	8 15	2 12	12 41	0 48	6 18	2 2	27 13	15 29	15 32	15 47	13 48			n.a.
S 24	10 26	20 2	3 5	19 45	2 31	0 33	1 34	25 4	1 33	21 53	0 3	8 12	2 12	12 41	0 48	6 17	2 2	27 13	15 29	15 32	15 46	13 49			n.a.
S 25	10 48	19 49	3 55	20 6	2 32	1 4	1 33	25 6	1 33	21 55	0 3	8 10	2 12	12 42	0 48	6 16	2 2	27 13	15 30	15 33	15 45	13 51			n.a.
M26	11 10	18 38	4 35	20 25	2 32	1 35	1 33	25 8	1 32	21 57	0 3	8 8	2 12	12 42	0 48	6 16	2 2	27 13	15 30	15 33	15 44	13 52			n.a.
T 27	11 32	16 32	5 3	20 43	2 31	2 5	1 32	25 10	1 32	21 59	0 3	8 6	2 12	12 42	0 48	6 15	2 2	27 13	15 31	15 33	15 43	13 54			n.a.
W28	11 53	13 34	5 17	20 59	2 30	2 36	1 31	25 11	1 32	22 1	0 2	8 4	2 13	12 43	0 48	6 15	2 2	27 13	15 31	15 33	15 42	13 55			n.a.
T 29	12 15	9 48	5 14	21 13	2 28	3 7	1 30	25 12	1 32	22 3	0 2	8 2	2 13	12 43	0 48	6 14	2 2	27 13	15 32	15 33	15 41	13 57			n.a.
F 30	12 36	5 25	4 53	21 24	2 24	3 37	1 29	25 13	1 31	22 5	0 2	8 0	2 13	12 43	0 48	6 13	2 2	27 13	15 32	15 33	15 40	13 58			n.a.
S 31	12s57	0s34	4n14	21s33	2s20	4s 8	1n28	25s14	1s31	22s 7	0n 2	7n58	2n13	12s43	0s47	6n13	2s 2	27n13	15n33	15s33	15s40	13s59			n.a.

Julian Day Number = 1627096.5, Delta T = 03h44m05s
Ecliptic obliquity = 23°43'30, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'09, Lahiri = - 7°31'08 Julian Calendar 1 Oct. 259 BCE == Greg. Calendar 27 Sept. 259 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

NOVEMBER 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 23 21	4♏51'29	3♈35	25♏58	14♎59	28♐49	9♐49	15♍14	28°R56	20°R28	26♌51	11°R45	12♏ 5	5♏17	n.a.	S 1
M 2	2 27 17	5°52'28	18°38	26°40	16°15	29°35	10° 1	15°20	28♒55	20♈26	26°52	11♏44	12° 1	5°24	n.a.	M 2
T 3	2 31 14	6°53'28	3♉51	27°14	17°30	0♑21	10°14	15°25	28°55	20°25	26°53	11°44	11°58	5°31	n.a.	T 3
W 4	2 35 11	7°54'28	19° 6	27°42	18°45	1° 7	10°27	15°31	28°55	20°23	26°54	11°D44	11°55	5°37	n.a.	W 4
T 5	2 39 7	8°55'30	4♊12	28° 1	20° 1	1°53	10°40	15°36	28°54	20°21	26°55	11°44	11°52	5°44	n.a.	T 5
F 6	2 43 4	9°56'34	19° 0	28°R10	21°16	2°40	10°53	15°41	28°54	20°20	26°56	11°44	11°49	5°50	n.a.	F 6
S 7	2 47 0	10°57'38	3♋25	28°10	22°32	3°26	11° 6	15°47	28°53	20°18	26°57	11°45	11°46	5°57	n.a.	S 7
S 8	2 50 57	11°58'43	17°24	28° 0	23°47	4°12	11°19	15°52	28°53	20°17	26°58	11°R45	11°42	6° 4	n.a.	S 8
M 9	2 54 53	12°59'50	0♌55	27°38	25° 2	4°59	11°32	15°57	28°53	20°15	26°59	11°45	11°39	6°10	n.a.	M 9
T 10	2 58 50	14° 0'57	14° 1	27° 4	26°18	5°45	11°45	16° 2	28°53	20°14	27° 0	11°D45	11°36	6°17	n.a.	T 10
W11	3 2 46	15° 2'06	26°44	26°20	27°33	6°31	11°58	16° 7	28°53	20°12	27° 0	11°45	11°33	6°24	n.a.	W11
T 12	3 6 43	16° 3'15	9♍ 8	25°24	28°49	7°18	12°12	16°11	28°D53	20°11	27° 1	11°45	11°30	6°30	n.a.	T 12
F 13	3 10 40	17° 4'26	21°17	24°19	0♏ 4	8° 4	12°25	16°16	28°53	20° 9	27° 2	11°45	11°27	6°37	n.a.	F 13
S 14	3 14 36	18° 5'37	3♎16	23° 6	1°20	8°50	12°38	16°21	28°53	20° 8	27° 3	11°46	11°23	6°44	n.a.	S 14
S 15	3 18 33	19° 6'50	15° 7	21°47	2°35	9°37	12°52	16°25	28°53	20° 6	27° 3	11°47	11°20	6°50	n.a.	S 15
M16	3 22 29	20° 8'03	26°55	20°25	3°51	10°23	13° 5	16°30	28°53	20° 5	27° 4	11°48	11°17	6°57	n.a.	M16
T 17	3 26 26	21° 9'16	8♏42	19° 2	5° 6	11°10	13°19	16°34	28°53	20° 3	27° 4	11°R48	11°14	7° 4	n.a.	T 17
W18	3 30 22	22°10'31	20°30	17°42	6°21	11°56	13°32	16°39	28°54	20° 2	27° 5	11°48	11°11	7°10	n.a.	W18
T 19	3 34 19	23°11'45	2♐22	16°26	7°37	12°42	13°46	16°43	28°54	20° 1	27° 6	11°47	11° 7	7°17	n.a.	T 19
F 20	3 38 15	24°13'01	14°20	15°18	8°52	13°29	13°59	16°47	28°54	19°59	27° 6	11°46	11° 4	7°24	n.a.	F 20
S 21	3 42 12	25°14'16	26°25	14°18	10° 8	14°15	14°13	16°51	28°55	19°58	27° 7	11°44	11° 1	7°30	n.a.	S 21
S 22	3 46 9	26°15'32	8♑40	13°29	11°23	15° 2	14°27	16°55	28°55	19°57	27° 7	11°41	10°58	7°37	n.a.	S 22
M23	3 50 5	27°16'48	21° 7	12°49	12°39	15°48	14°40	16°59	28°56	19°55	27° 7	11°39	10°55	7°43	n.a.	M23
T 24	3 54 2	28°18'04	3♒48	12°21	13°54	16°35	14°54	17° 3	28°56	19°54	27° 8	11°37	10°52	7°50	n.a.	T 24
W25	3 57 58	29°19'20	16°46	12° 4	15°10	17°21	15° 8	17° 7	28°57	19°53	27° 8	11°36	10°48	7°57	n.a.	W25
T 26	4 1 55	0♐20'36	0♓ 4	11°D56	16°25	18° 7	15°22	17°10	28°58	19°52	27° 8	11°D35	10°45	8° 3	n.a.	T 26
F 27	4 5 51	1°21'51	13°43	11°58	17°41	18°54	15°36	17°14	28°58	19°50	27° 9	11°36	10°42	8°10	n.a.	F 27
S 28	4 9 48	2°23'07	27°44	12°10	18°56	19°40	15°49	17°17	28°59	19°49	27° 9	11°37	10°39	8°17	n.a.	S 28
S 29	4 13 44	3°24'22	12♈ 8	12°29	20°12	20°27	16° 3	17°21	29° 0	19°48	27° 9	11°38	10°36	8°23	n.a.	S 29
M30	4 17 41	4♐25'37	26♈52	12♏56	21♏27	21♑13	16♐17	17♍24	29♒ 1	19♈47	27♌ 9	11♏40	10♏33	8♏30	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s18	4n27	3n17	21s40	2s15	4s38	1n27	25s14	1s31	22s 9	0n 2	7n56	2n13	12s43	0s47	6n12	2s 2	27n13	15n33	15s32	15s39	14s 1		n.a.
M 2	13 38	9 19	2 5	21 44	2 9	5 8	1 26	25 14	1 30	22 11	0 2	7 54	2 14	12 44	0 47	6 12	2 2	27 13	15 34	15 32	15 38	14 2		n.a.
T 3	13 59	13 38	0 44	21 45	2 1	5 39	1 25	25 14	1 30	22 13	0 2	7 52	2 14	12 44	0 47	6 11	2 2	27 14	15 34	15 32	15 37	14 4		n.a.
W 4	14 19	17 3	0s41	21 42	1 53	6 9	1 24	25 13	1 30	22 15	0 2	7 50	2 14	12 44	0 47	6 10	2 2	27 14	15 35	15 32	15 36	14 5		n.a.
T 5	14 39	19 14	2 2	21 37	1 43	6 39	1 22	25 12	1 29	22 17	0 2	7 48	2 14	12 44	0 47	6 10	2 2	27 14	15 35	15 32	15 35	14 7		n.a.
F 6	14 58	20 3	3 13	21 28	1 31	7 9	1 21	25 11	1 29	22 19	0 1	7 46	2 14	12 44	0 47	6 9	2 2	27 14	15 36	15 32	15 34	14 8		n.a.
S 7	15 18	19 31	4 10	21 15	1 18	7 38	1 19	25 9	1 29	22 21	0 1	7 44	2 15	12 44	0 47	6 9	2 2	27 14	15 36	15 32	15 33	14 9		n.a.
S 8	15 37	17 47	4 50	20 58	1 3	8 8	1 18	25 8	1 28	22 23	0 1	7 42	2 15	12 44	0 47	6 8	2 2	27 14	15 37	15 32	15 32	14 11		n.a.
M 9	15 56	15 6	5 13	20 38	0 47	8 37	1 16	25 6	1 28	22 25	0 1	7 41	2 15	12 44	0 47	6 8	2 2	27 14	15 38	15 32	15 31	14 12		n.a.
T 10	16 14	11 45	5 18	20 13	0 29	9 6	1 15	25 3	1 28	22 27	0 1	7 39	2 15	12 44	0 47	6 7	2 2	27 15	15 38	15 32	15 30	14 14		n.a.
W11	16 32	7 56	5 8	19 44	0 11	9 35	1 13	25 1	1 27	22 29	0 1	7 37	2 16	12 44	0 47	6 6	2 2	27 15	15 39	15 32	15 29	14 15		n.a.
T 12	16 50	3 53	4 43	19 12	0n 9	10 4	1 12	24 58	1 27	22 31	0 1	7 36	2 16	12 44	0 47	6 6	2 2	27 15	15 39	15 32	15 28	14 16		n.a.
F 13	17 8	0s16	4 6	18 36	0 29	10 32	1 10	24 55	1 26	22 33	0 1	7 34	2 16	12 44	0 47	6 5	2 2	27 15	15 40	15 33	15 27	14 18		n.a.
S 14	17 25	4 20	3 18	17 58	0 50	11 1	1 8	24 51	1 26	22 34	0 1	7 32	2 16	12 44	0 47	6 5	2 2	27 16	15 40	15 33	15 26	14 19		n.a.
S 15	17 43	8 13	2 23	17 18	1 10	11 29	1 6	24 48	1 26	22 36	0 0	7 31	2 17	12 44	0 47	6 4	2 2	27 16	15 41	15 33	15 25	14 20		n.a.
M16	17 59	11 46	1 22	16 38	1 29	11 56	1 4	24 44	1 25	22 38	0 0	7 29	2 17	12 44	0 47	6 4	2 2	27 16	15 41	15 33	15 24	14 22		n.a.
T 17	18 16	14 50	0 17	15 58	1 47	12 24	1 2	24 39	1 25	22 40	0 0	7 28	2 17	12 44	0 47	6 3	2 2	27 16	15 42	15 33	15 23	14 23		n.a.
W18	18 32	17 19	0n48	15 20	2 4	12 51	1 1	24 35	1 24	22 42	0 0	7 26	2 17	12 44	0 47	6 3	2 2	27 17	15 42	15 33	15 22	14 25		n.a.
T 19	18 48	19 3	1 52	14 45	2 18	13 18	0 59	24 30	1 24	22 43	0 0	7 25	2 17	12 43	0 47	6 2	2 2	27 17	15 43	15 33	15 21	14 26		n.a.
F 20	19 3	19 58	2 51	14 13	2 31	13 44	0 56	24 25	1 23	22 45	0s 0	7 23	2 18	12 43	0 47	6 2	2 2	27 17	15 44	15 33	15 20	14 27		n.a.
S 21	19 18	19 58	3 43	13 46	2 40	14 10	0 54	24 20	1 23	22 47	0 0	7 22	2 18	12 43	0 47	6 1	2 2	27 18	15 44	15 32	15 19	14 29		n.a.
S 22	19 33	19 1	4 26	13 24	2 48	14 36	0 52	24 14	1 23	22 49	0 0	7 20	2 18	12 43	0 47	6 1	2 2	27 18	15 45	15 31	15 18	14 30		n.a.
M23	19 47	17 10	4 56	13 7	2 54	15 1	0 50	24 8	1 22	22 50	0 0	7 19	2 18	12 43	0 47	6 0	2 1	27 18	15 45	15 31	15 17	14 31		n.a.
T 24	20 1	14 27	5 14	12 55	2 57	15 26	0 48	24 2	1 22	22 52	0 1	7 18	2 19	12 42	0 47	6 0	2 1	27 19	15 46	15 30	15 16	14 33		n.a.
W25	20 15	10 59	5 15	12 48	2 59	15 51	0 46	23 55	1 21	22 54	0 1	7 17	2 19	12 42	0 46	6 0	2 1	27 19	15 46	15 30	15 15	14 34		n.a.
T 26	20 28	6 54	5 0	12 46	2 59	16 15	0 44	23 49	1 21	22 55	0 1	7 15	2 19	12 42	0 46	5 59	2 1	27 20	15 47	15 29	15 14	14 35		n.a.
F 27	20 41	2 21	4 28	12 48	2 57	16 39	0 41	23 42	1 20	22 57	0 1	7 14	2 19	12 42	0 46	5 59	2 1	27 20	15 47	15 30	15 13	14 37		n.a.
S 28	20 53	2n27	3 40	12 54	2 54	17 2	0 39	23 35	1 20	22 59	0 1	7 13	2 20	12 41	0 46	5 58	2 1	27 20	15 48	15 30	15 12	14 38		n.a.
S 29	21 5	7 15	2 36	13 4	2 50	17 25	0 37	23 27	1 19	23 0	0 1	7 12	2 20	12 41	0 46	5 58	2 1	27 21	15 49	15 30	15 11	14 39		n.a.
M30	21s17	11n44	1n21	13s16	2n46	17s47	0n35	23s19	1s19	23s 2	0s 1	7n11	2n20	12s41	0s46	5n58	2s 1	27n21	15n49	15s31	15s10	14s41		n.a.

Julian Day Number = 1627127.5, Delta T = 03h44m04s
Ecliptic obliquity = 23°43'29, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'04, Lahiri = - 7°31'04 Julian Calendar 1 Nov. 259 BCE == Greg. Calendar 28 Oct. 259 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 259 BCE
geocentric

DECEMBER 259 BCE (-258) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 21 38	5♐26'51	11♉50	13♏29	22♏43	22♑ 0	16♐31	17♍27	29♒ 2	19°R46	27♌ 9	11°R40	10♏29	8♏37	n.a.	T 1
W 2	4 25 34	6°28'06	26°56	14° 9	23°58	22°46	16°45	17°30	29° 3	19♈45	27° 9	11♏40	10°26	8°43	n.a.	W 2
T 3	4 29 31	7°29'21	12♊ 0	14°53	25°14	23°32	16°59	17°33	29° 4	19°44	27° 9	11°38	10°23	8°50	n.a.	T 3
F 4	4 33 27	8°30'35	26°54	15°43	26°29	24°19	17°13	17°36	29° 5	19°43	27°R 9	11°34	10°20	8°57	n.a.	F 4
S 5	4 37 24	9°31'50	11♋28	16°37	27°44	25° 5	17°27	17°39	29° 6	19°42	27° 9	11°30	10°17	9° 3	n.a.	S 5
S 6	4 41 20	10°33'04	25°38	17°35	29° 0	25°52	17°41	17°42	29° 7	19°41	27° 9	11°26	10°13	9°10	n.a.	S 6
M 7	4 45 17	11°34'18	9♌20	18°36	0♐15	26°38	17°55	17°44	29° 9	19°40	27° 9	11°22	10°10	9°17	n.a.	M 7
T 8	4 49 14	12°35'33	22°35	19°40	1°31	27°24	18° 9	17°47	29°10	19°39	27° 9	11°19	10° 7	9°23	n.a.	T 8
W 9	4 53 10	13°36'47	5♍23	20°46	2°46	28°11	18°23	17°49	29°11	19°38	27° 9	11°17	10° 4	9°30	n.a.	W 9
T 10	4 57 7	14°38'01	17°49	21°56	4° 2	28°57	18°37	17°52	29°13	19°37	27° 9	11°D16	10° 1	9°36	n.a.	T 10
F 11	5 1 3	15°39'15	29°58	23° 7	5°17	29°43	18°51	17°54	29°14	19°37	27° 8	11°17	9°58	9°43	n.a.	F 11
S 12	5 5 0	16°40'29	11♎54	24°20	6°32	0♒29	19° 5	17°56	29°16	19°36	27° 8	11°19	9°54	9°50	n.a.	S 12
S 13	5 8 56	17°41'42	23°42	25°35	7°48	1°16	19°19	17°58	29°17	19°35	27° 8	11°21	9°51	9°56	n.a.	S 13
M14	5 12 53	18°42'55	5♏28	26°51	9° 3	2° 2	19°33	18° 0	29°19	19°34	27° 8	11°R22	9°48	10° 3	n.a.	M14
T 15	5 16 49	19°44'08	17°15	28° 9	10°19	2°48	19°48	18° 2	29°20	19°34	27° 7	11°22	9°45	10°10	n.a.	T 15
W16	5 20 46	20°45'21	29° 7	29°29	11°34	3°34	20° 2	18° 4	29°22	19°33	27° 7	11°20	9°42	10°16	n.a.	W16
T 17	5 24 43	21°46'33	11♐ 7	0♐49	12°49	4°21	20°16	18° 5	29°24	19°32	27° 6	11°16	9°39	10°23	n.a.	T 17
F 18	5 28 39	22°47'44	23°16	2°11	14° 5	5° 7	20°30	18° 7	29°25	19°32	27° 6	11°11	9°35	10°30	n.a.	F 18
S 19	5 32 36	23°48'55	5♑36	3°33	15°20	5°53	20°44	18° 8	29°27	19°31	27° 5	11° 3	9°32	10°36	n.a.	S 19
S 20	5 36 32	24°50'04	18° 8	4°57	16°36	6°39	20°58	18° 9	29°29	19°31	27° 5	10°55	9°29	10°43	n.a.	S 20
M21	5 40 29	25°51'13	0♒51	6°22	17°51	7°25	21°12	18°11	29°31	19°30	27° 4	10°46	9°26	10°50	n.a.	M21
T 22	5 44 25	26°52'21	13°47	7°47	19° 6	8°11	21°26	18°12	29°33	19°30	27° 4	10°39	9°23	10°56	n.a.	T 22
W23	5 48 22	27°53'28	26°56	9°13	20°22	8°57	21°40	18°13	29°35	19°30	27° 3	10°33	9°19	11° 3	n.a.	W23
T 24	5 52 18	28°54'33	10♓18	10°40	21°37	9°43	21°54	18°14	29°37	19°29	27° 3	10°29	9°16	11° 9	n.a.	T 24
F 25	5 56 15	29°55'38	23°54	12° 8	22°52	10°30	22° 8	18°14	29°39	19°29	27° 2	10°D27	9°13	11°16	n.a.	F 25
S 26	6 0 12	0♑56'41	7♈45	13°36	24° 8	11°16	22°22	18°15	29°41	19°28	27° 1	10°27	9°10	11°23	n.a.	S 26
S 27	6 4 8	1°57'42	21°51	15° 6	25°23	12° 1	22°36	18°16	29°43	19°28	27° 0	10°28	9° 7	11°29	n.a.	S 27
M28	6 8 5	2°58'43	6♉12	16°35	26°38	12°47	22°50	18°16	29°45	19°28	27° 0	10°R29	9° 4	11°36	n.a.	M28
T 29	6 12 1	3°59'42	20°45	18° 6	27°53	13°33	23° 4	18°16	29°48	19°28	26°59	10°28	9° 0	11°43	n.a.	T 29
W30	6 15 58	5° 0'40	5♊27	19°37	29° 9	14°19	23°18	18°17	29°50	19°28	26°58	10°26	8°57	11°49	n.a.	W30
T 31	6 19 54	6♑ 1'36	20♊11	21♐ 9	0♑24	15♒ 5	23♐32	18♍17	29♒52	19♈27	26♌57	10♏21	8♏54	11♏56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21 s28	15n33	0 s 1	13 s32	2n40	18 s 9	0n32	23 s11	1 s18	23 s 3	0 s 1	7n10	2n21	12 s40	0 s46	5n57	2 s 1	27n22	15n50	15 s31	15 s 9	14 s42			n.a.
W 2	21 39	18 21	1 23	13 49	2 34	18 30	0 30	23 3	1 18	23 5	0 1	7 9	2 21	12 40	0 46	5 57	2 1	27 22	15 50	15 31	15 8	14 43			n.a.
T 3	21 49	19 52	2 39	14 9	2 27	18 51	0 27	22 55	1 17	23 6	0 1	7 8	2 21	12 39	0 46	5 57	2 1	27 23	15 51	15 30	15 7	14 45			n.a.
F 4	21 59	19 58	3 44	14 30	2 20	19 12	0 25	22 46	1 17	23 8	0 2	7 7	2 21	12 39	0 46	5 56	2 1	27 23	15 51	15 29	15 6	14 46			n.a.
S 5	22 9	18 42	4 32	14 53	2 13	19 31	0 23	22 37	1 16	23 9	0 2	7 6	2 22	12 38	0 46	5 56	2 1	27 24	15 52	15 28	15 5	14 47			n.a.
S 6	22 18	16 19	5 2	15 17	2 5	19 51	0 20	22 28	1 16	23 11	0 2	7 5	2 22	12 38	0 46	5 56	2 1	27 24	15 52	15 26	15 4	14 49			n.a.
M 7	22 26	13 5	5 14	15 41	1 57	20 9	0 18	22 18	1 15	23 12	0 2	7 5	2 22	12 38	0 46	5 55	2 1	27 25	15 53	15 25	15 3	14 50			n.a.
T 8	22 35	9 18	5 8	16 6	1 49	20 27	0 15	22 9	1 14	23 13	0 2	7 4	2 22	12 37	0 46	5 55	2 1	27 26	15 54	15 24	15 2	14 51			n.a.
W 9	22 42	5 13	4 47	16 32	1 41	20 45	0 13	21 59	1 14	23 15	0 2	7 3	2 23	12 37	0 46	5 55	2 1	27 26	15 54	15 24	15 1	14 53			n.a.
T 10	22 50	1 0	4 12	16 58	1 33	21 2	0 11	21 49	1 13	23 16	0 2	7 3	2 23	12 36	0 46	5 54	2 1	27 27	15 55	15 23	15 0	14 54			n.a.
F 11	22 56	3 s 9	3 28	17 25	1 24	21 18	0 8	21 38	1 13	23 17	0 2	7 2	2 23	12 35	0 46	5 54	2 1	27 27	15 55	15 24	14 59	14 55			n.a.
S 12	23 3	7 7	2 34	17 51	1 16	21 34	0 6	21 28	1 12	23 19	0 2	7 1	2 24	12 35	0 46	5 54	2 0	27 28	15 56	15 24	14 57	14 56			n.a.
S 13	23 9	10 47	1 35	18 18	1 8	21 49	0 3	21 17	1 12	23 20	0 3	7 1	2 24	12 34	0 46	5 54	2 0	27 28	15 56	15 25	14 56	14 58			n.a.
M14	23 14	14 0	0 32	18 44	0 59	22 3	0 1	21 6	1 11	23 21	0 3	7 0	2 24	12 34	0 46	5 54	2 0	27 29	15 57	15 25	14 55	14 59			n.a.
T 15	23 19	16 40	0n32	19 10	0 51	22 17	0 s 1	20 55	1 11	23 22	0 3	7 0	2 24	12 33	0 46	5 53	2 0	27 30	15 57	15 25	14 54	15 0			n.a.
W16	23 24	18 39	1 35	19 35	0 43	22 30	0 4	20 43	1 10	23 24	0 3	6 59	2 25	12 33	0 46	5 53	2 0	27 30	15 58	15 25	14 53	15 2			n.a.
T 17	23 28	19 49	2 35	20 0	0 34	22 43	0 6	20 31	1 9	23 25	0 3	6 59	2 25	12 32	0 46	5 53	2 0	27 31	15 58	15 23	14 52	15 3			n.a.
F 18	23 32	20 5	3 28	20 25	0 26	22 54	0 9	20 20	1 9	23 26	0 3	6 59	2 25	12 31	0 46	5 53	2 0	27 32	15 59	15 22	14 51	15 4			n.a.
S 19	23 35	19 24	4 12	20 49	0 18	23 5	0 11	20 7	1 8	23 27	0 3	6 58	2 26	12 31	0 46	5 53	2 0	27 32	15 59	15 19	14 50	15 5			n.a.
S 20	23 37	17 47	4 45	21 12	0 11	23 16	0 13	19 55	1 8	23 28	0 3	6 58	2 26	12 30	0 46	5 53	2 0	27 33	16 0	15 17	14 49	15 7			n.a.
M21	23 39	15 16	5 4	21 35	0 3	23 25	0 16	19 43	1 7	23 29	0 3	6 58	2 26	12 29	0 45	5 52	2 0	27 34	16 1	15 14	14 48	15 8			n.a.
T 22	23 41	11 58	5 8	21 57	0 s 5	23 34	0 18	19 30	1 6	23 30	0 3	6 58	2 26	12 28	0 45	5 52	2 0	27 34	16 1	15 12	14 47	15 9			n.a.
W23	23 42	8 3	4 56	22 18	0 12	23 43	0 21	19 17	1 6	23 31	0 4	6 58	2 27	12 28	0 45	5 52	2 0	27 35	16 2	15 10	14 46	15 10			n.a.
T 24	23 43	3 40	4 28	22 38	0 19	23 50	0 23	19 4	1 5	23 32	0 4	6 58	2 27	12 27	0 45	5 52	2 0	27 36	16 2	15 8	14 45	15 12			n.a.
F 25	23 43	0n59	3 44	22 57	0 26	23 57	0 25	18 51	1 5	23 33	0 4	6 57	2 27	12 26	0 45	5 52	2 0	27 36	16 3	15 8	14 44	15 13			n.a.
S 26	23 43	5 40	2 47	23 15	0 33	24 3	0 27	18 38	1 4	23 34	0 4	6 57	2 28	12 25	0 45	5 52	2 0	27 37	16 3	15 8	14 43	15 14			n.a.
S 27	23 43	10 8	1 39	23 33	0 40	24 8	0 30	18 24	1 3	23 35	0 4	6 58	2 28	12 25	0 45	5 52	2 0	27 38	16 4	15 8	14 42	15 15			n.a.
M28	23 41	14 6	0 23	23 49	0 47	24 13	0 32	18 10	1 3	23 36	0 4	6 58	2 28	12 24	0 45	5 52	1 59	27 39	16 4	15 8	14 41	15 17			n.a.
T 29	23 40	17 16	0 s55	24 4	0 53	24 16	0 34	17 56	1 2	23 37	0 4	6 58	2 28	12 23	0 45	5 52	1 59	27 39	16 4	15 8	14 40	15 18			n.a.
W30	23 38	19 20	2 10	24 18	0 59	24 19	0 36	17 42	1 1	23 38	0 4	6 58	2 29	12 22	0 45	5 52	1 59	27 40	16 5	15 8	14 39	15 19			n.a.
T 31	23 s35	20n 5	3 s16	24 s30	1 s 5	24 s22	0 s38	17 s28	1 s 1	23 s38	0 s 4	6n58	2n29	12 s21	0 s45	5n52	1 s59	27n41	16n 5	15 s 6	14 s38	15 s20			n.a.

Julian Day Number = 1627157.5, Delta T = 03h44m03s
Ecliptic obliquity = 23°43'28, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°38'00, Lahiri = - 7°31'00 Julian Calendar 1 Dec. 259 BCE == Greg. Calendar 27 Nov. 259 BCE

The year -258 astronomical counting style corresponds to year 259 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

JANUARY 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 23 51	7♉ 2'31	4♋51	22♐42	1♉39	15♒51	23♐46	18°R17	29♒55	19°R27	26°R56	10°R14	8♏51	12♏ 3	n.a.	F 1
S 2	6 27 48	8° 3'25	19°18	24°16	2°54	16°37	24° 0	18♍17	29°57	19♈27	26♎55	10♏ 4	8°48	12° 9	n.a.	S 2
S 3	6 31 44	9° 4'18	3♎26	25°50	4°10	17°22	24°14	18°17	29°59	19°27	26°54	9°54	8°45	12°16	n.a.	S 3
M 4	6 35 41	10° 5'10	17°10	27°25	5°25	18° 8	24°28	18°16	0♓ 2	19°D27	26°54	9°44	8°41	12°23	n.a.	M 4
T 5	6 39 37	11° 6'00	0♍29	29° 0	6°40	18°54	24°42	18°16	0° 4	19°27	26°53	9°36	8°38	12°29	n.a.	T 5
W 6	6 43 34	12° 6'49	13°22	0♉37	7°55	19°40	24°55	18°15	0° 7	19°27	26°52	9°30	8°35	12°36	n.a.	W 6
T 7	6 47 30	13° 7'37	25°52	2°14	9°10	20°25	25° 9	18°15	0° 9	19°27	26°50	9°26	8°32	12°43	n.a.	T 7
F 8	6 51 27	14° 8'24	8♎ 4	3°52	10°25	21°11	25°23	18°14	0°12	19°28	26°49	9°24	8°29	12°49	n.a.	F 8
S 9	6 55 23	15° 9'10	20° 1	5°30	11°41	21°56	25°37	18°13	0°15	19°28	26°48	9°D24	8°25	12°56	n.a.	S 9
S 10	6 59 20	16° 9'55	1♏51	7°10	12°56	22°42	25°50	18°12	0°17	19°28	26°47	9°25	8°22	13° 2	n.a.	S 10
M11	7 3 17	17°10'38	13°37	8°50	14°11	23°27	26° 4	18°11	0°20	19°28	26°46	9°R25	8°19	13° 9	n.a.	M11
T 12	7 7 13	18°11'20	25°26	10°31	15°26	24°13	26°18	18°10	0°23	19°28	26°45	9°23	8°16	13°16	n.a.	T 12
W13	7 11 10	19°12'01	7♐22	12°13	16°41	24°58	26°31	18° 9	0°25	19°29	26°44	9°20	8°13	13°22	n.a.	W13
T 14	7 15 6	20°12'41	19°29	13°56	17°56	25°44	26°45	18° 8	0°28	19°29	26°42	9°13	8°10	13°29	n.a.	T 14
F 15	7 19 3	21°13'19	1♉50	15°39	19°11	26°29	26°58	18° 6	0°31	19°29	26°41	9° 4	8° 6	13°36	n.a.	F 15
S 16	7 22 59	22°13'55	14°25	17°24	20°26	27°14	27°12	18° 5	0°34	19°30	26°40	8°53	8° 3	13°42	n.a.	S 16
S 17	7 26 56	23°14'30	27°16	19° 9	21°41	28° 0	27°25	18° 3	0°37	19°30	26°39	8°40	8° 0	13°49	n.a.	S 17
M18	7 30 52	24°15'03	10♒22	20°56	22°56	28°45	27°39	18° 2	0°40	19°31	26°37	8°27	7°57	13°56	n.a.	M18
T 19	7 34 49	25°15'35	23°41	22°43	24°11	29°30	27°52	18° 0	0°42	19°31	26°36	8°14	7°54	14° 2	n.a.	T 19
W20	7 38 46	26°16'04	7♓11	24°31	25°26	0♓15	28° 5	17°58	0°45	19°32	26°35	8° 4	7°51	14° 9	n.a.	W20
T 21	7 42 42	27°16'31	20°50	26°20	26°41	1° 0	28°18	17°56	0°48	19°32	26°33	7°57	7°47	14°16	n.a.	T 21
F 22	7 46 39	28°16'57	4♈37	28°10	27°56	1°45	28°32	17°54	0°51	19°33	26°32	7°53	7°44	14°22	n.a.	F 22
S 23	7 50 35	29°17'20	18°31	0♒ 0	29°11	2°30	28°45	17°52	0°54	19°34	26°31	7°51	7°41	14°29	n.a.	S 23
S 24	7 54 32	0♒17'41	2♉32	1°52	0♒26	3°15	28°58	17°49	0°57	19°34	26°29	7°51	7°38	14°36	n.a.	S 24
M25	7 58 28	1°18'00	16°39	3°44	1°41	4° 0	29°11	17°47	1° 1	19°35	26°28	7°51	7°35	14°42	n.a.	M25
T 26	8 2 25	2°18'17	0♊51	5°37	2°56	4°45	29°24	17°44	1° 4	19°36	26°26	7°50	7°31	14°49	n.a.	T 26
W27	8 6 21	3°18'32	15° 8	7°31	4°11	5°30	29°37	17°42	1° 7	19°37	26°25	7°46	7°28	14°55	n.a.	W27
T 28	8 10 18	4°18'45	29°25	9°25	5°26	6°15	29°50	17°39	1°10	19°37	26°23	7°40	7°25	15° 2	n.a.	T 28
F 29	8 14 15	5°18'56	13♋38	11°20	6°41	7° 0	0♉ 2	17°36	1°13	19°38	26°22	7°30	7°22	15° 9	n.a.	F 29
S 30	8 18 11	6°19'04	27°42	13°15	7°56	7°45	0°15	17°34	1°16	19°39	26°20	7°18	7°19	15°15	n.a.	S 30
S 31	8 22 8	7♒19'11	11♎33	15♒10	9♒11	8♓29	0♉28	17♍31	1♓19	19♈40	26♎19	7♏ 6	7♏16	15♏22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s32	19n29	4s 9	24s42	1s11	24s23	0s40	17s14	1s 0	23s39	0s 5	6n58	2n29	12s20	0s45	5n52	1s59	27n42	16n 6	15s 4	14s37	15s21		n.a.
S 2	23 29	17 37	4 45	24 52	1 16	24 24	0 42	16 59	0 59	23 40	0 5	6 59	2 30	12 20	0 45	5 52	1 59	27 42	16 6	15 1	14 36	15 23		n.a.
S 3	23 25	14 42	5 3	25 1	1 21	24 24	0 45	16 45	0 59	23 41	0 5	6 59	2 30	12 19	0 45	5 52	1 59	27 43	16 7	14 57	14 35	15 24		n.a.
M 4	23 20	11 4	5 2	25 8	1 26	24 23	0 47	16 30	0 58	23 41	0 5	6 59	2 30	12 18	0 45	5 52	1 59	27 44	16 7	14 54	14 34	15 25		n.a.
T 5	23 15	6 59	4 45	25 14	1 31	24 22	0 48	16 15	0 58	23 42	0 5	7 0	2 30	12 17	0 45	5 52	1 59	27 45	16 8	14 52	14 33	15 26		n.a.
W 6	23 10	2 43	4 14	25 19	1 35	24 19	0 50	16 0	0 57	23 43	0 5	7 0	2 31	12 16	0 45	5 52	1 59	27 45	16 8	14 50	14 32	15 28		n.a.
T 7	23 4	1s34	3 31	25 22	1 39	24 16	0 52	15 45	0 56	23 43	0 5	7 1	2 31	12 15	0 45	5 52	1 59	27 46	16 9	14 48	14 31	15 29		n.a.
F 8	22 58	5 40	2 39	25 23	1 43	24 13	0 54	15 29	0 56	23 44	0 5	7 1	2 31	12 14	0 45	5 52	1 59	27 47	16 9	14 48	14 30	15 30		n.a.
S 9	22 51	9 29	1 42	25 23	1 47	24 8	0 56	15 14	0 55	23 44	0 5	7 2	2 32	12 13	0 45	5 53	1 59	27 48	16 9	14 48	14 29	15 31		n.a.
S 10	22 44	12 53	0 40	25 21	1 50	24 3	0 58	14 58	0 54	23 45	0 6	7 2	2 32	12 12	0 45	5 53	1 59	27 48	16 10	14 48	14 28	15 32		n.a.
M11	22 36	15 45	0n22	25 18	1 53	23 57	0 59	14 42	0 54	23 46	0 6	7 3	2 32	12 11	0 45	5 53	1 58	27 49	16 10	14 48	14 27	15 33		n.a.
T 12	22 28	17 59	1 24	25 13	1 55	23 50	1 1	14 26	0 53	23 46	0 6	7 4	2 32	12 10	0 45	5 53	1 58	27 50	16 11	14 48	14 26	15 35		n.a.
W13	22 20	19 27	2 23	25 6	1 57	23 42	1 3	14 10	0 52	23 47	0 6	7 5	2 33	12 9	0 45	5 53	1 58	27 51	16 11	14 46	14 25	15 36		n.a.
T 14	22 11	20 3	3 16	24 57	1 59	23 34	1 4	13 54	0 52	23 47	0 6	7 5	2 33	12 8	0 45	5 53	1 58	27 52	16 11	14 44	14 24	15 37		n.a.
F 15	22 2	19 42	4 1	24 47	2 0	23 25	1 6	13 38	0 51	23 47	0 6	7 6	2 33	12 7	0 45	5 54	1 58	27 52	16 12	14 41	14 23	15 38		n.a.
S 16	21 52	18 23	4 35	24 35	2 1	23 15	1 7	13 22	0 50	23 48	0 6	7 7	2 34	12 6	0 45	5 54	1 58	27 53	16 12	14 38	14 22	15 39		n.a.
S 17	21 42	16 8	4 55	24 21	2 2	23 5	1 9	13 5	0 50	23 48	0 6	7 8	2 34	12 5	0 45	5 54	1 58	27 54	16 12	14 33	14 21	15 41		n.a.
M18	21 31	13 1	5 1	24 5	2 2	22 54	1 10	12 49	0 49	23 49	0 6	7 9	2 34	12 4	0 45	5 54	1 58	27 55	16 13	14 29	14 19	15 42		n.a.
T 19	21 20	9 13	4 50	23 47	2 1	22 42	1 11	12 32	0 48	23 49	0 7	7 10	2 34	12 3	0 45	5 55	1 58	27 56	16 13	14 25	14 18	15 43		n.a.
W20	21 9	4 54	4 24	23 27	2 1	22 30	1 13	12 15	0 48	23 49	0 7	7 11	2 35	12 2	0 45	5 55	1 58	27 56	16 13	14 22	14 17	15 44		n.a.
T 21	20 57	0 17	3 42	23 5	1 59	22 16	1 14	11 59	0 47	23 50	0 7	7 12	2 35	12 1	0 45	5 55	1 58	27 57	16 14	14 20	14 16	15 45		n.a.
F 22	20 45	4n24	2 46	22 41	1 57	22 3	1 15	11 42	0 46	23 50	0 7	7 13	2 35	12 0	0 45	5 55	1 58	27 58	16 14	14 18	14 15	15 46		n.a.
S 23	20 33	8 53	1 41	22 16	1 55	21 48	1 16	11 25	0 46	23 50	0 7	7 14	2 35	11 59	0 45	5 56	1 58	27 59	16 14	14 18	14 14	15 47		n.a.
S 24	20 20	12 56	0 28	21 48	1 52	21 33	1 17	11 8	0 45	23 50	0 7	7 15	2 36	11 57	0 45	5 56	1 58	28 0	16 15	14 18	14 13	15 49		n.a.
M25	20 6	16 16	0s46	21 18	1 49	21 17	1 18	10 51	0 44	23 51	0 7	7 16	2 36	11 56	0 45	5 56	1 57	28 0	16 15	14 18	14 12	15 50		n.a.
T 26	19 53	18 38	1 59	20 47	1 45	21 1	1 19	10 33	0 44	23 51	0 7	7 17	2 36	11 55	0 45	5 57	1 57	28 1	16 15	14 17	14 11	15 51		n.a.
W27	19 39	19 51	3 3	20 13	1 40	20 44	1 20	10 16	0 43	23 51	0 8	7 19	2 36	11 54	0 45	5 57	1 57	28 2	16 15	14 16	14 10	15 52		n.a.
T 28	19 25	19 47	3 57	19 38	1 35	20 26	1 21	9 59	0 42	23 51	0 8	7 20	2 37	11 53	0 44	5 58	1 57	28 3	16 16	14 14	14 9	15 53		n.a.
F 29	19 10	18 27	4 35	19 0	1 29	20 8	1 22	9 41	0 42	23 51	0 8	7 21	2 37	11 52	0 44	5 58	1 57	28 3	16 16	14 11	14 8	15 54		n.a.
S 30	18 55	16 2	4 56	18 21	1 22	19 50	1 22	9 24	0 41	23 51	0 8	7 23	2 37	11 51	0 44	5 58	1 57	28 4	16 16	14 7	14 7	15 55		n.a.
S 31	18s40	12n44	4s59	17s40	1s15	19s30	1s23	9s 6	0s40	23s51	0s 8	7n24	2n37	11s49	0s44	5n59	1s57	28n 5	16n16	14s 3	14s 6	15s57		n.a.

Julian Day Number = 1627188.5, Delta T = 03h44m02s
Ecliptic obliquity = 23°43'28, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'56, Lahiri = - 7°30'56 Julian Calendar 1 Jan. 258 BCE == Greg. Calendar 28 Dec. 259 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

FEBRUARY 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 26 4	8♒19'15	25♌ 6	17♒ 5	10♒25	9♓14	0♉40	17°R28	1♓23	19♈41	26°R17	6°R53	7♏12	15♏29	n.a.	M 1
T 2	8 30 1	9°19'18	8♍18	18°59	11°40	9°59	0°53	17♍25	1°26	19°42	26♌16	6♏42	7° 9	15°35	n.a.	T 2
W 3	8 33 57	10°19'19	21° 8	20°53	12°55	10°43	1° 5	17°22	1°29	19°43	26°14	6°33	7° 6	15°42	n.a.	W 3
T 4	8 37 54	11°19'18	3♎38	22°47	14°10	11°28	1°18	17°18	1°32	19°44	26°13	6°27	7° 3	15°49	n.a.	T 4
F 5	8 41 50	12°19'15	15°51	24°38	15°25	12°12	1°30	17°15	1°36	19°45	26°11	6°23	7° 0	15°55	n.a.	F 5
S 6	8 45 47	13°19'10	27°50	26°29	16°39	12°57	1°43	17°12	1°39	19°46	26°10	6°22	6°56	16° 2	n.a.	S 6
S 7	8 49 43	14°19'04	9♏41	28°17	17°54	13°41	1°55	17° 8	1°42	19°47	26° 8	6°22	6°53	16° 9	n.a.	S 7
M 8	8 53 40	15°18'55	21°29	0♓ 3	19° 9	14°25	2° 7	17° 5	1°45	19°49	26° 6	6°22	6°50	16°15	n.a.	M 8
T 9	8 57 37	16°18'45	3♐19	1°45	20°23	15°10	2°19	17° 1	1°49	19°50	26° 5	6°20	6°47	16°22	n.a.	T 9
W10	9 1 33	17°18'34	15°17	3°25	21°38	15°54	2°31	16°58	1°52	19°51	26° 3	6°17	6°44	16°29	n.a.	W10
T 11	9 5 30	18°18'20	27°29	5° 0	22°53	16°38	2°43	16°54	1°55	19°52	26° 2	6°12	6°41	16°35	n.a.	T 11
F 12	9 9 26	19°18'04	9♑57	6°31	24° 7	17°22	2°55	16°50	1°59	19°54	26° 0	6° 4	6°37	16°42	n.a.	F 12
S 13	9 13 23	20°17'47	22°43	7°57	25°22	18° 6	3° 6	16°46	2° 2	19°55	25°58	5°53	6°34	16°48	n.a.	S 13
S 14	9 17 19	21°17'27	5♒50	9°17	26°37	18°50	3°18	16°42	2° 6	19°56	25°57	5°41	6°31	16°55	n.a.	S 14
M15	9 21 16	22°17'06	19°16	10°31	27°51	19°34	3°30	16°39	2° 9	19°58	25°55	5°29	6°28	17° 2	n.a.	M15
T 16	9 25 12	23°16'42	2♓59	11°39	29° 6	20°18	3°41	16°35	2°12	19°59	25°54	5°17	6°25	17° 8	n.a.	T 16
W17	9 29 9	24°16'16	16°55	12°41	0♓20	21° 2	3°53	16°31	2°16	20° 0	25°52	5° 8	6°22	17°15	n.a.	W17
T 18	9 33 6	25°15'48	1♈ 0	13°35	1°35	21°46	4° 4	16°26	2°19	20° 2	25°50	5° 1	6°18	17°22	n.a.	T 18
F 19	9 37 2	26°15'18	15° 9	14°22	2°49	22°30	4°15	16°22	2°23	20° 3	25°49	4°57	6°15	17°28	n.a.	F 19
S 20	9 40 59	27°14'45	29°20	15° 1	4° 4	23°14	4°26	16°18	2°26	20° 5	25°47	4°D55	6°12	17°35	n.a.	S 20
S 21	9 44 55	28°14'09	13♉30	15°33	5°18	23°58	4°37	16°14	2°29	20° 6	25°45	4°55	6° 9	17°42	n.a.	S 21
M22	9 48 52	29°13'32	27°38	15°56	6°33	24°41	4°48	16°10	2°33	20° 8	25°44	4°R56	6° 6	17°48	n.a.	M22
T 23	9 52 48	0♓12'52	11♊42	16°12	7°47	25°25	4°59	16° 5	2°36	20° 9	25°42	4°55	6° 2	17°55	n.a.	T 23
W24	9 56 45	1°12'09	25°42	16°21	9° 2	26° 9	5°10	16° 1	2°40	20°11	25°41	4°53	5°59	18° 2	n.a.	W24
T 25	10 0 41	2°11'24	9♋36	16°R21	10°16	26°52	5°21	15°57	2°43	20°13	25°39	4°48	5°56	18° 8	n.a.	T 25
F 26	10 4 38	3°10'37	23°23	16°14	11°30	27°36	5°31	15°52	2°46	20°14	25°37	4°41	5°53	18°15	n.a.	F 26
S 27	10 8 35	4° 9'47	7♌ 0	16° 0	12°45	28°19	5°42	15°48	2°50	20°16	25°36	4°31	5°50	18°22	n.a.	S 27
S 28	10 12 31	5♓ 8'55	20♌26	15♓39	13♓59	29♓ 3	5♉52	15♍43	2♓53	20♈18	25♌34	4♏21	5♏47	18♏28	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	18s24	8n50	4s46	16s58	1s 7	19s10	1s23	8s49	0s39	23s52	0s 8	7n25	2n37	11s48	0s44	5n59	1s57	28n 6	16n17	13s58	14s 5	15s58		n.a.	M 1
T 2	18 8	4 36	4 17	16 14	0 58	18 50	1 24	8 31	0 39	23 52	0 8	7 27	2 38	11 47	0 44	6 0	1 57	28 7	16 17	13 55	14 4	15 59		n.a.	T 2
W 3	17 52	0 16	3 35	15 29	0 49	18 29	1 24	8 13	0 38	23 52	0 8	7 28	2 38	11 46	0 44	6 0	1 57	28 7	16 17	13 52	14 3	16 0		n.a.	W 3
T 4	17 35	3s58	2 44	14 42	0 39	18 8	1 25	7 56	0 37	23 52	0 9	7 30	2 38	11 45	0 44	6 0	1 57	28 8	16 17	13 50	14 2	16 1		n.a.	T 4
F 5	17 18	7 57	1 47	13 55	0 29	17 46	1 25	7 38	0 37	23 52	0 9	7 31	2 38	11 43	0 44	6 1	1 57	28 9	16 18	13 49	14 1	16 2		n.a.	F 5
S 6	17 1	11 32	0 45	13 7	0 18	17 23	1 25	7 20	0 36	23 52	0 9	7 33	2 39	11 42	0 44	6 1	1 57	28 10	16 18	13 48	14 0	16 3		n.a.	S 6
S 7	16 44	14 36	0n18	12 19	0 6	17 0	1 26	7 2	0 35	23 52	0 9	7 34	2 39	11 41	0 44	6 2	1 57	28 10	16 18	13 48	13 59	16 4		n.a.	S 7
M 8	16 26	17 4	1 19	11 30	0n 6	16 37	1 26	6 44	0 35	23 51	0 9	7 36	2 39	11 40	0 44	6 2	1 57	28 11	16 18	13 48	13 57	16 5		n.a.	M 8
T 9	16 8	18 49	2 18	10 41	0 18	16 13	1 26	6 26	0 34	23 51	0 9	7 37	2 39	11 39	0 44	6 3	1 57	28 12	16 18	13 48	13 56	16 6		n.a.	T 9
W10	15 50	19 44	3 11	9 53	0 32	15 49	1 26	6 8	0 33	23 51	0 9	7 39	2 39	11 37	0 44	6 3	1 56	28 12	16 18	13 47	13 55	16 8		n.a.	W10
T 11	15 31	19 46	3 56	9 6	0 45	15 24	1 26	5 50	0 33	23 51	0 9	7 41	2 39	11 36	0 44	6 4	1 56	28 13	16 18	13 45	13 54	16 9		n.a.	T 11
F 12	15 13	18 50	4 31	8 19	0 58	14 59	1 26	5 32	0 32	23 51	0 10	7 42	2 40	11 35	0 44	6 5	1 56	28 14	16 19	13 42	13 53	16 10		n.a.	F 12
S 13	14 54	16 57	4 54	7 35	1 12	14 33	1 25	5 14	0 31	23 51	0 10	7 44	2 40	11 34	0 44	6 5	1 56	28 15	16 19	13 38	13 52	16 11		n.a.	S 13
S 14	14 34	14 10	5 2	6 52	1 26	14 7	1 25	4 56	0 31	23 51	0 10	7 46	2 40	11 33	0 44	6 6	1 56	28 15	16 19	13 34	13 51	16 12		n.a.	S 14
M15	14 15	10 35	4 53	6 11	1 39	13 41	1 25	4 38	0 30	23 51	0 10	7 47	2 40	11 31	0 44	6 6	1 56	28 16	16 19	13 30	13 50	16 13		n.a.	M15
T 16	13 55	6 22	4 28	5 32	1 53	13 14	1 24	4 20	0 29	23 50	0 10	7 49	2 40	11 30	0 44	6 7	1 56	28 17	16 19	13 26	13 49	16 14		n.a.	T 16
W17	13 35	1 46	3 46	4 57	2 6	12 48	1 24	4 2	0 29	23 50	0 10	7 51	2 40	11 29	0 44	6 7	1 56	28 17	16 19	13 23	13 48	16 15		n.a.	W17
T 18	13 15	3n 0	2 50	4 24	2 19	12 20	1 24	3 44	0 28	23 50	0 10	7 52	2 41	11 28	0 44	6 8	1 56	28 18	16 19	13 21	13 47	16 16		n.a.	T 18
F 19	12 55	7 37	1 43	3 54	2 31	11 53	1 23	3 26	0 27	23 50	0 10	7 54	2 41	11 26	0 44	6 9	1 56	28 19	16 19	13 19	13 46	16 17		n.a.	F 19
S 20	12 34	11 50	0 30	3 28	2 43	11 25	1 22	3 7	0 27	23 50	0 11	7 56	2 41	11 25	0 44	6 9	1 56	28 19	16 19	13 19	13 45	16 18		n.a.	S 20
S 21	12 14	15 21	0s46	3 6	2 53	10 56	1 22	2 49	0 26	23 49	0 11	7 58	2 41	11 24	0 44	6 10	1 56	28 20	16 19	13 19	13 44	16 19		n.a.	S 21
M22	11 53	17 57	1 58	2 48	3 3	10 28	1 21	2 31	0 25	23 49	0 11	8 0	2 41	11 23	0 44	6 10	1 56	28 20	16 19	13 19	13 43	16 20		n.a.	M22
T 23	11 32	19 26	3 3	2 34	3 12	9 59	1 20	2 13	0 25	23 49	0 11	8 1	2 41	11 21	0 44	6 11	1 56	28 21	16 19	13 19	13 42	16 21		n.a.	T 23
W24	11 11	19 43	3 56	2 23	3 20	9 30	1 19	1 55	0 24	23 49	0 11	8 3	2 41	11 20	0 44	6 12	1 56	28 22	16 19	13 18	13 41	16 22		n.a.	W24
T 25	10 49	18 47	4 36	2 17	3 26	9 1	1 18	1 37	0 23	23 48	0 11	8 5	2 42	11 19	0 44	6 12	1 56	28 22	16 19	13 16	13 39	16 23		n.a.	T 25
F 26	10 28	16 46	4 58	2 16	3 31	8 31	1 17	1 19	0 22	23 48	0 11	8 7	2 42	11 18	0 44	6 13	1 56	28 23	16 19	13 14	13 38	16 24		n.a.	F 26
S 27	10 6	13 50	5 4	2 18	3 34	8 1	1 16	1 1	0 22	23 48	0 12	8 9	2 42	11 16	0 44	6 14	1 56	28 23	16 19	13 11	13 37	16 25		n.a.	S 27
S 28	9s44	10n14	4s52	2s24	3n36	7s32	1s15	0s42	0s21	23s47	0s12	8n11	2n42	11s15	0s44	6n14	1s55	28n24	16n19	13s 7	13s36	16s26		n.a.	S 28

Julian Day Number = 1627219.5, Delta T = 03h44m01s
Ecliptic obliquity = 23°43'28, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'52, Lahiri = - 7°30'51 Julian Calendar 1 Feb. 258 BCE == Greg. Calendar 28 Jan. 258 BCE

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

MARCH 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 16 28	6♓ 8'00	3♍37	15°R13	15♓13	29♓46	6♉ 2	15°R39	2♓57	20♈19	25°R32	4°R11	5♏43	18♏35	n.a.	M 1
T 2	10 20 24	7° 7'04	16°32	14♓40	16°28	0♈29	6°12	15♍34	3° 0	20°21	25♌31	4♏ 2	5°40	18°41	n.a.	T 2
W 3	10 24 21	8° 6'05	29°11	14° 3	17°42	1°13	6°22	15°30	3° 4	20°23	25°29	3°54	5°37	18°48	n.a.	W 3
T 4	10 28 17	9° 5'04	11♎34	13°22	18°56	1°56	6°32	15°25	3° 7	20°25	25°28	3°50	5°34	18°55	n.a.	T 4
F 5	10 32 14	10° 4'02	23°43	12°38	20°10	2°39	6°42	15°21	3°10	20°26	25°26	3°47	5°31	19° 1	n.a.	F 5
S 6	10 36 10	11° 2'57	5♏40	11°52	21°24	3°22	6°52	15°16	3°14	20°28	25°25	3°D46	5°28	19° 8	n.a.	S 6
S 7	10 40 7	12° 1'51	17°31	11° 4	22°39	4° 5	7° 1	15°11	3°17	20°30	25°23	3°47	5°24	19°15	n.a.	S 7
M 8	10 44 3	13° 0'42	29°19	10°16	23°53	4°48	7°11	15° 7	3°21	20°32	25°21	3°48	5°21	19°21	n.a.	M 8
T 9	10 48 0	13°59'32	11♐10	9°29	25° 7	5°31	7°20	15° 2	3°24	20°34	25°20	3°R49	5°18	19°28	n.a.	T 9
W10	10 51 57	14°58'20	23° 9	8°43	26°21	6°14	7°29	14°58	3°27	20°36	25°18	3°49	5°15	19°35	n.a.	W10
T 11	10 55 53	15°57'06	5♑22	8° 0	27°35	6°57	7°38	14°53	3°31	20°38	25°17	3°47	5°12	19°41	n.a.	T 11
F 12	10 59 50	16°55'51	17°51	7°20	28°49	7°40	7°47	14°49	3°34	20°39	25°15	3°43	5° 8	19°48	n.a.	F 12
S 13	11 3 46	17°54'33	0♒42	6°43	0♈ 3	8°23	7°56	14°44	3°37	20°41	25°14	3°37	5° 5	19°55	n.a.	S 13
S 14	11 7 43	18°53'14	13°57	6°10	1°17	9° 5	8° 5	14°39	3°41	20°43	25°12	3°30	5° 2	20° 1	n.a.	S 14
M15	11 11 39	19°51'52	27°35	5°42	2°31	9°48	8°14	14°35	3°44	20°45	25°11	3°23	4°59	20° 8	n.a.	M15
T 16	11 15 36	20°50'29	11♓35	5°18	3°45	10°31	8°22	14°30	3°47	20°47	25°10	3°16	4°56	20°15	n.a.	T 16
W17	11 19 32	21°49'04	25°52	4°59	4°59	11°13	8°30	14°26	3°51	20°49	25° 8	3°10	4°53	20°21	n.a.	W17
T 18	11 23 29	22°47'36	10♈22	4°46	6°13	11°56	8°39	14°21	3°54	20°51	25° 7	3° 6	4°49	20°28	n.a.	T 18
F 19	11 27 25	23°46'07	24°57	4°38	7°27	12°38	8°47	14°17	3°57	20°53	25° 5	3° 5	4°46	20°34	n.a.	F 19
S 20	11 31 22	24°44'36	9♉33	4°D34	8°41	13°21	8°55	14°12	4° 1	20°55	25° 4	3°D 4	4°43	20°41	n.a.	S 20
S 21	11 35 19	25°43'02	24° 3	4°36	9°55	14° 3	9° 2	14° 8	4° 4	20°58	25° 3	3° 6	4°40	20°48	n.a.	S 21
M22	11 39 15	26°41'26	8♊24	4°43	11° 8	14°46	9°10	14° 3	4° 7	21° 0	25° 1	3° 7	4°37	20°54	n.a.	M22
T 23	11 43 12	27°39'48	22°33	4°55	12°22	15°28	9°18	13°59	4°10	21° 2	25° 0	3°R 8	4°33	21° 1	n.a.	T 23
W24	11 47 8	28°38'08	6♋29	5°12	13°36	16°10	9°25	13°54	4°13	21° 4	24°59	3° 8	4°30	21° 8	n.a.	W24
T 25	11 51 5	29°36'25	20°12	5°33	14°50	16°53	9°32	13°50	4°17	21° 6	24°57	3° 6	4°27	21°14	n.a.	T 25
F 26	11 55 1	0♈34'40	3♌41	5°59	16° 3	17°35	9°39	13°46	4°20	21° 8	24°56	3° 3	4°24	21°21	n.a.	F 26
S 27	11 58 58	1°32'53	16°56	6°29	17°17	18°17	9°46	13°41	4°23	21°10	24°55	2°59	4°21	21°28	n.a.	S 27
S 28	12 2 54	2°31'04	29°57	7° 3	18°31	18°59	9°53	13°37	4°26	21°12	24°54	2°54	4°18	21°34	n.a.	S 28
M29	12 6 51	3°29'13	12♍46	7°41	19°44	19°41	10° 0	13°33	4°29	21°14	24°52	2°49	4°14	21°41	n.a.	M29
T 30	12 10 48	4°27'20	25°21	8°23	20°58	20°23	10° 6	13°29	4°32	21°17	24°51	2°45	4°11	21°48	n.a.	T 30
W31	12 14 44	5♈25'25	7♎44	9♓ 8	22♈11	21♈ 5	10♉12	13♍25	4♓35	21♈19	24♌50	2♏41	4♏ 8	21♏54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	9s22	6n11	4s26	2s34	3n36	7s 1	1s14	0s24	0s20	23s47	0s12	8n12	2n42	11s14	0s44	6n15	1s55	28n24	16n19	13s 4	13s35	16s27			n.a.
T 2	9 0	1 55	3 45	2 48	3 35	6 31	1 13	0 6	0 20	23 47	0 12	8 14	2 42	11 13	0 44	6 16	1 55	28 25	16 19	13 1	13 34	16 28			n.a.
W 3	8 38	2s20	2 55	3 6	3 32	6 1	1 11	0n12	0 19	23 46	0 12	8 16	2 42	11 11	0 44	6 17	1 55	28 26	16 19	12 58	13 33	16 29			n.a.
T 4	8 15	6 24	1 57	3 26	3 27	5 30	1 10	0 30	0 18	23 46	0 12	8 18	2 42	11 10	0 44	6 17	1 55	28 26	16 19	12 57	13 32	16 30			n.a.
F 5	7 53	10 9	0 54	3 49	3 20	4 59	1 9	0 48	0 18	23 46	0 13	8 20	2 42	11 9	0 44	6 18	1 55	28 27	16 19	12 56	13 31	16 32			n.a.
S 6	7 30	13 25	0n10	4 15	3 12	4 28	1 7	1 6	0 17	23 45	0 13	8 22	2 42	11 8	0 44	6 19	1 55	28 27	16 19	12 55	13 30	16 33			n.a.
S 7	7 8	16 5	1 13	4 42	3 2	3 57	1 6	1 23	0 16	23 45	0 13	8 23	2 42	11 6	0 44	6 19	1 55	28 28	16 19	12 56	13 29	16 33			n.a.
M 8	6 45	18 4	2 13	5 11	2 51	3 26	1 4	1 41	0 16	23 45	0 13	8 25	2 42	11 5	0 44	6 20	1 55	28 28	16 19	12 56	13 28	16 34			n.a.
T 9	6 22	19 17	3 8	5 40	2 38	2 55	1 3	1 59	0 15	23 44	0 13	8 27	2 42	11 4	0 44	6 21	1 55	28 28	16 19	12 56	13 27	16 35			n.a.
W10	5 59	19 38	3 55	6 10	2 25	2 24	1 1	2 17	0 14	23 44	0 13	8 29	2 42	11 3	0 44	6 22	1 55	28 29	16 18	12 56	13 26	16 36			n.a.
T 11	5 36	19 5	4 32	6 39	2 10	1 52	0 59	2 35	0 14	23 43	0 13	8 31	2 43	11 1	0 44	6 22	1 55	28 29	16 18	12 56	13 24	16 37			n.a.
F 12	5 13	17 36	4 57	7 8	1 55	1 21	0 57	2 52	0 13	23 43	0 14	8 33	2 43	11 0	0 44	6 23	1 55	28 30	16 18	12 54	13 23	16 38			n.a.
S 13	4 50	15 13	5 8	7 37	1 40	0 50	0 56	3 10	0 12	23 43	0 14	8 35	2 43	10 59	0 44	6 24	1 55	28 30	16 18	12 52	13 22	16 39			n.a.
S 14	4 27	11 59	5 4	8 3	1 24	0 18	0 54	3 28	0 12	23 42	0 14	8 36	2 43	10 58	0 44	6 25	1 55	28 30	16 18	12 50	13 21	16 40			n.a.
M15	4 4	8 3	4 42	8 29	1 8	0n13	0 52	3 45	0 11	23 42	0 14	8 38	2 43	10 57	0 44	6 26	1 55	28 31	16 18	12 47	13 20	16 41			n.a.
T 16	3 40	3 34	4 3	8 52	0 52	0 45	0 50	4 3	0 11	23 42	0 14	8 40	2 43	10 55	0 44	6 26	1 55	28 31	16 18	12 45	13 19	16 42			n.a.
W17	3 17	1n13	3 8	9 14	0 36	1 16	0 48	4 20	0 10	23 41	0 14	8 42	2 43	10 54	0 44	6 27	1 55	28 32	16 17	12 43	13 18	16 43			n.a.
T 18	2 54	5 59	2 0	9 34	0 20	1 48	0 46	4 38	0 9	23 41	0 15	8 43	2 43	10 53	0 44	6 28	1 55	28 32	16 17	12 42	13 17	16 44			n.a.
F 19	2 30	10 27	0 44	9 51	0 5	2 19	0 44	4 55	0 9	23 40	0 15	8 45	2 43	10 52	0 44	6 29	1 55	28 32	16 17	12 41	13 16	16 45			n.a.
S 20	2 7	14 17	0s35	10 6	0s10	2 51	0 42	5 13	0 8	23 40	0 15	8 47	2 43	10 51	0 44	6 30	1 55	28 33	16 17	12 41	13 15	16 46			n.a.
S 21	1 43	17 12	1 52	10 19	0 24	3 22	0 40	5 30	0 7	23 40	0 15	8 49	2 43	10 49	0 44	6 30	1 55	28 33	16 17	12 41	13 14	16 47			n.a.
M22	1 20	19 0	3 1	10 29	0 38	3 53	0 37	5 47	0 7	23 39	0 15	8 50	2 43	10 48	0 44	6 31	1 55	28 33	16 16	12 42	13 13	16 48			n.a.
T 23	0 56	19 34	3 58	10 37	0 51	4 24	0 35	6 4	0 6	23 39	0 15	8 52	2 42	10 47	0 44	6 32	1 55	28 33	16 16	12 42	13 12	16 49			n.a.
W24	0 33	18 55	4 39	10 42	1 4	4 55	0 33	6 21	0 5	23 39	0 16	8 54	2 42	10 46	0 44	6 33	1 55	28 34	16 16	12 42	13 10	16 50			n.a.
T 25	0 9	17 10	5 5	10 45	1 16	5 26	0 31	6 38	0 5	23 38	0 16	8 55	2 42	10 45	0 44	6 34	1 55	28 34	16 16	12 42	13 9	16 51			n.a.
F 26	0n14	14 30	5 12	10 46	1 27	5 57	0 28	6 55	0 4	23 38	0 16	8 57	2 42	10 44	0 44	6 34	1 55	28 34	16 15	12 41	13 8	16 52			n.a.
S 27	0 37	11 8	5 3	10 45	1 37	6 28	0 26	7 12	0 3	23 38	0 16	8 59	2 42	10 42	0 44	6 35	1 55	28 34	16 15	12 39	13 7	16 53			n.a.
S 28	1 1	7 17	4 39	10 41	1 47	6 59	0 24	7 29	0 3	23 37	0 16	9 0	2 42	10 41	0 44	6 36	1 54	28 34	16 15	12 37	13 6	16 54			n.a.
M29	1 24	3 9	4 0	10 35	1 56	7 29	0 21	7 45	0 2	23 37	0 16	9 2	2 42	10 40	0 44	6 37	1 54	28 35	16 15	12 36	13 5	16 55			n.a.
T 30	1 47	1s 2	3 11	10 27	2 5	7 59	0 19	8 2	0 2	23 37	0 17	9 3	2 42	10 39	0 45	6 38	1 54	28 35	16 14	12 34	13 4	16 55			n.a.
W31	2n11	5s 8	2s13	10s17	2s12	8n29	0s16	8n18	0s 1	23s36	0s17	9n 5	2n42	10s38	0s45	6n39	1s54	28n35	16n14	12s33	13s 3	16s56			n.a.

Julian Day Number = 1627247.5, Delta T = 03h44m00s
Ecliptic obliquity = 23°43'28, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'48, Lahiri = - 7°30'48 Julian Calendar 1 March 258 BCE == Greg. Calendar 25 Feb. 258 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

APRIL 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 18 41	6♈23'28	19♎55	9♓57	23♈25	21♈47	10♑19	13°R21	4♓38	21♈21	24°R49	2°R39	4♏ 5	22♏ 1	n.a.	T 1
F 2	12 22 37	7°21'30	1♏56	10°50	24°39	22°29	10°25	13♍17	4°41	21°23	24♌48	2°D39	4° 2	22° 8	n.a.	F 2
S 3	12 26 34	8°19'30	13°50	11°45	25°52	23°11	10°31	13°13	4°44	21°25	24°47	2♏39	3°59	22°14	n.a.	S 3
S 4	12 30 30	9°17'28	25°40	12°44	27° 5	23°52	10°36	13° 9	4°47	21°28	24°46	2°40	3°55	22°21	n.a.	S 4
M 5	12 34 27	10°15'25	7♐28	13°45	28°19	24°34	10°42	13° 5	4°50	21°30	24°45	2°42	3°52	22°28	n.a.	M 5
T 6	12 38 23	11°13'21	19°19	14°49	29°32	25°16	10°47	13° 1	4°53	21°32	24°44	2°44	3°49	22°34	n.a.	T 6
W 7	12 42 20	12°11'15	1♑18	15°56	0♉46	25°57	10°52	12°58	4°56	21°34	24°43	2°45	3°46	22°41	n.a.	W 7
T 8	12 46 17	13° 9'08	13°30	17° 6	1°59	26°39	10°57	12°54	4°59	21°36	24°42	2°R45	3°43	22°48	n.a.	T 8
F 9	12 50 13	14° 6'59	25°58	18°19	3°12	27°21	11° 2	12°50	5° 2	21°39	24°41	2°45	3°39	22°54	n.a.	F 9
S 10	12 54 10	15° 4'49	8♒47	19°34	4°26	28° 2	11° 7	12°47	5° 5	21°41	24°40	2°44	3°36	23° 1	n.a.	S 10
S 11	12 58 6	16° 2'38	22° 1	20°51	5°39	28°44	11°12	12°43	5° 7	21°43	24°39	2°42	3°33	23° 7	n.a.	S 11
M12	13 2 3	17° 0'25	5♓40	22°11	6°52	29°25	11°16	12°40	5°10	21°45	24°38	2°40	3°30	23°14	n.a.	M12
T 13	13 5 59	17°58'11	19°45	23°33	8° 5	0♉ 6	11°20	12°36	5°13	21°48	24°37	2°38	3°27	23°21	n.a.	T 13
W14	13 9 56	18°55'56	4♈13	24°57	9°19	0°48	11°24	12°33	5°16	21°50	24°36	2°36	3°24	23°27	n.a.	W14
T 15	13 13 52	19°53'39	18°58	26°24	10°32	1°29	11°28	12°30	5°18	21°52	24°36	2°35	3°20	23°34	n.a.	T 15
F 16	13 17 49	20°51'21	3♉54	27°53	11°45	2°10	11°32	12°27	5°21	21°54	24°35	2°D35	3°17	23°41	n.a.	F 16
S 17	13 21 45	21°49'02	18°53	29°24	12°58	2°51	11°35	12°24	5°23	21°57	24°34	2°35	3°14	23°47	n.a.	S 17
S 18	13 25 42	22°46'40	3♊46	0♈58	14°11	3°33	11°39	12°21	5°26	21°59	24°33	2°36	3°11	23°54	n.a.	S 18
M19	13 29 39	23°44'18	18°26	2°33	15°24	4°14	11°42	12°18	5°29	22° 1	24°33	2°37	3° 8	24° 1	n.a.	M19
T 20	13 33 35	24°41'54	2♋50	4°11	16°37	4°55	11°45	12°15	5°31	22° 3	24°32	2°37	3° 4	24° 7	n.a.	T 20
W21	13 37 32	25°39'28	16°53	5°51	17°50	5°36	11°47	12°13	5°34	22° 6	24°32	2°38	3° 1	24°14	n.a.	W21
T 22	13 41 28	26°37'00	0♌35	7°34	19° 3	6°17	11°50	12°10	5°36	22° 8	24°31	2°R38	2°58	24°21	n.a.	T 22
F 23	13 45 25	27°34'31	13°56	9°18	20°16	6°58	11°52	12° 7	5°38	22°10	24°30	2°38	2°55	24°27	n.a.	F 23
S 24	13 49 21	28°32'01	26°58	11° 5	21°29	7°39	11°55	12° 5	5°41	22°12	24°30	2°37	2°52	24°34	n.a.	S 24
S 25	13 53 18	29°29'29	9♍44	12°53	22°42	8°20	11°57	12° 2	5°43	22°15	24°29	2°37	2°49	24°41	n.a.	S 25
M26	13 57 14	0♉26'55	22°14	14°44	23°55	9° 1	11°58	12° 0	5°45	22°17	24°29	2°37	2°45	24°47	n.a.	M26
T 27	14 1 11	1°24'20	4♎32	16°37	25° 8	9°41	12° 0	11°58	5°48	22°19	24°29	2°36	2°42	24°54	n.a.	T 27
W28	14 5 8	2°21'44	16°40	18°33	26°20	10°22	12° 2	11°56	5°50	22°21	24°28	2°D36	2°39	25° 1	n.a.	W28
T 29	14 9 4	3°19'07	28°40	20°30	27°33	11° 3	12° 3	11°54	5°52	22°24	24°28	2°R36	2°36	25° 7	n.a.	T 29
F 30	14 13 1	4♉16'29	10♏34	22♈29	28♉46	11♉43	12♑ 4	11♍52	5♓54	22♈26	24♌27	2♏36	2♏33	25♏14	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n34	8s57	1s10	10s 4	2s19	8n59	0s14	8n35	0s 0	23s36	0s17	9n 6	2n42	10s37	0s45	6n39	1s54	28n35	16n14	12s32	13s 2	16s57		n.a.
F 2	2 57	12 21	0 4	9 50	2 25	9 29	0 11	8 51	0n 0	23 36	0 17	9 8	2 42	10 36	0 45	6 40	1 54	28 35	16 13	12 32	13 1	16 58		n.a.
S 3	3 20	15 12	1n 1	9 34	2 31	9 58	0 9	9 8	0 1	23 35	0 17	9 9	2 42	10 35	0 45	6 41	1 54	28 35	16 13	12 32	13 0	16 59		n.a.
S 4	3 43	17 24	2 4	9 15	2 36	10 28	0 6	9 24	0 2	23 35	0 17	9 11	2 42	10 34	0 45	6 42	1 54	28 35	16 13	12 33	12 59	17 0		n.a.
M 5	4 7	18 51	3 1	8 55	2 40	10 57	0 4	9 40	0 2	23 35	0 18	9 12	2 42	10 32	0 45	6 43	1 54	28 35	16 13	12 33	12 57	17 1		n.a.
T 6	4 29	19 28	3 50	8 33	2 44	11 25	0 1	9 56	0 3	23 35	0 18	9 14	2 41	10 31	0 45	6 44	1 54	28 36	16 12	12 34	12 56	17 2		n.a.
W 7	4 52	19 13	4 30	8 9	2 46	11 54	0n 1	10 12	0 3	23 34	0 18	9 15	2 41	10 30	0 45	6 45	1 54	28 36	16 12	12 34	12 55	17 3		n.a.
T 8	5 15	18 5	4 59	7 44	2 49	12 22	0 4	10 28	0 4	23 34	0 18	9 16	2 41	10 29	0 45	6 45	1 54	28 36	16 12	12 34	12 54	17 4		n.a.
F 9	5 38	16 4	5 14	7 17	2 50	12 50	0 6	10 43	0 5	23 34	0 18	9 18	2 41	10 28	0 45	6 46	1 54	28 36	16 11	12 34	12 53	17 4		n.a.
S 10	6 1	13 13	5 14	6 48	2 51	13 17	0 9	10 59	0 5	23 34	0 19	9 19	2 41	10 27	0 45	6 47	1 54	28 36	16 11	12 34	12 52	17 5		n.a.
S 11	6 23	9 38	4 59	6 17	2 51	13 45	0 12	11 14	0 6	23 33	0 19	9 20	2 41	10 26	0 45	6 48	1 54	28 36	16 10	12 33	12 51	17 6		n.a.
M12	6 46	5 26	4 26	5 45	2 51	14 12	0 14	11 30	0 6	23 33	0 19	9 21	2 41	10 25	0 45	6 49	1 54	28 36	16 10	12 32	12 50	17 7		n.a.
T 13	7 8	0 48	3 36	5 11	2 50	14 38	0 17	11 45	0 7	23 33	0 19	9 22	2 41	10 24	0 45	6 50	1 54	28 36	16 10	12 32	12 49	17 8		n.a.
W14	7 30	4n 0	2 31	4 36	2 48	15 4	0 19	12 0	0 8	23 33	0 19	9 24	2 40	10 23	0 45	6 50	1 54	28 36	16 9	12 31	12 48	17 9		n.a.
T 15	7 52	8 40	1 15	3 59	2 46	15 30	0 22	12 16	0 8	23 33	0 20	9 25	2 40	10 22	0 45	6 51	1 54	28 35	16 9	12 31	12 47	17 10		n.a.
F 16	8 14	12 51	0s 7	3 20	2 43	15 56	0 25	12 31	0 9	23 33	0 20	9 26	2 40	10 21	0 45	6 52	1 54	28 35	16 9	12 31	12 45	17 11		n.a.
S 17	8 36	16 13	1 29	2 41	2 40	16 21	0 27	12 45	0 9	23 33	0 20	9 27	2 40	10 20	0 45	6 53	1 54	28 35	16 8	12 31	12 44	17 11		n.a.
S 18	8 58	18 28	2 45	1 59	2 36	16 46	0 30	13 0	0 10	23 32	0 20	9 28	2 40	10 19	0 45	6 54	1 54	28 35	16 8	12 31	12 43	17 12		n.a.
M19	9 19	19 26	3 48	1 17	2 31	17 10	0 32	13 15	0 11	23 32	0 20	9 29	2 40	10 19	0 45	6 55	1 54	28 35	16 7	12 31	12 42	17 13		n.a.
T 20	9 41	19 6	4 36	0 33	2 26	17 34	0 35	13 29	0 11	23 32	0 21	9 30	2 39	10 18	0 45	6 56	1 54	28 35	16 7	12 32	12 41	17 14		n.a.
W21	10 2	17 35	5 6	0n12	2 21	17 57	0 38	13 44	0 12	23 32	0 21	9 31	2 39	10 17	0 45	6 56	1 54	28 35	16 7	12 32	12 40	17 15		n.a.
T 22	10 23	15 6	5 17	0 59	2 14	18 20	0 40	13 58	0 12	23 32	0 21	9 31	2 39	10 16	0 45	6 57	1 54	28 35	16 6	12 32	12 39	17 16		n.a.
F 23	10 44	11 52	5 11	1 47	2 8	18 42	0 43	14 12	0 13	23 32	0 21	9 32	2 39	10 15	0 45	6 58	1 54	28 34	16 6	12 32	12 38	17 16		n.a.
S 24	11 5	8 8	4 50	2 35	2 0	19 4	0 45	14 26	0 14	23 32	0 21	9 33	2 39	10 14	0 45	6 59	1 54	28 34	16 5	12 32	12 37	17 17		n.a.
S 25	11 25	4 6	4 14	3 25	1 53	19 26	0 48	14 40	0 14	23 32	0 22	9 34	2 39	10 13	0 45	7 0	1 54	28 34	16 5	12 31	12 36	17 18		n.a.
M26	11 46	0s 2	3 26	4 16	1 45	19 47	0 50	14 54	0 15	23 32	0 22	9 35	2 38	10 12	0 45	7 1	1 54	28 34	16 5	12 31	12 34	17 19		n.a.
T 27	12 6	4 7	2 30	5 8	1 36	20 7	0 52	15 8	0 15	23 32	0 22	9 35	2 38	10 12	0 45	7 1	1 54	28 33	16 4	12 31	12 33	17 20		n.a.
W28	12 26	7 58	1 27	6 1	1 27	20 27	0 55	15 21	0 16	23 32	0 22	9 36	2 38	10 11	0 45	7 2	1 54	28 33	16 4	12 31	12 32	17 21		n.a.
T 29	12 46	11 28	0 22	6 54	1 18	20 47	0 57	15 35	0 16	23 32	0 22	9 36	2 38	10 10	0 45	7 3	1 54	28 33	16 3	12 31	12 31	17 21		n.a.
F 30	13n 6	14s28	0n44	7n48	1s 8	21n 5	1n 0	15n48	0n17	23s33	0s23	9n37	2n38	10s 9	0s45	7n 4	1s54	28n33	16n 3	12s31	12s30	17s22		n.a.

Julian Day Number = 1627278.5, Delta T = 03h43m59s
Ecliptic obliquity = 23°43'28, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'44, Lahiri = - 7°30'43 Julian Calendar 1 Apr. 258 BCE == Greg. Calendar 28 March 258 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

MAY 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 16 57	5♉13'50	22♏24	24♈30	29♉59	12♉24	12♑ 5	11°R50	5♓56	22♈28	24°R27	2°R36	2♏30	25♏21	n.a.	S 1
S 2	14 20 54	6°11'10	4♐12	26°33	1♊11	13° 5	12° 6	11♍48	5°58	22°30	24♌27	2♏36	2°26	25°27	n.a.	S 2
M 3	14 24 50	7° 8'29	16° 2	28°38	2°24	13°45	12° 6	11°47	6° 1	22°32	24°27	2°35	2°23	25°34	n.a.	M 3
T 4	14 28 47	8° 5'47	27°56	0♉45	3°36	14°26	12° 7	11°45	6° 3	22°35	24°26	2°35	2°20	25°41	n.a.	T 4
W 5	14 32 43	9° 3'05	9♑57	2°53	4°49	15° 6	12°R 7	11°44	6° 5	22°37	24°26	2°34	2°17	25°47	n.a.	W 5
T 6	14 36 40	10° 0'22	22° 9	5° 2	6° 1	15°47	12° 7	11°42	6° 6	22°39	24°26	2°33	2°14	25°54	n.a.	T 6
F 7	14 40 37	10°57'38	4♒36	7°12	7°14	16°27	12° 6	11°41	6° 8	22°41	24°26	2°33	2°10	26° 1	n.a.	F 7
S 8	14 44 33	11°54'54	17°22	9°23	8°26	17° 7	12° 6	11°40	6°10	22°43	24°26	2°D33	2° 7	26° 7	n.a.	S 8
S 9	14 48 30	12°52'09	0♓30	11°34	9°39	17°48	12° 5	11°39	6°12	22°45	24°26	2°33	2° 4	26°14	n.a.	S 9
M10	14 52 26	13°49'24	14° 3	13°46	10°51	18°28	12° 5	11°38	6°14	22°48	24°D26	2°34	2° 1	26°21	n.a.	M10
T 11	14 56 23	14°46'38	28° 3	15°58	12° 4	19° 8	12° 4	11°37	6°15	22°50	24°26	2°35	1°58	26°27	n.a.	T 11
W12	15 0 19	15°43'52	12♈28	18° 9	13°16	19°49	12° 2	11°36	6°17	22°52	24°26	2°36	1°55	26°34	n.a.	W12
T 13	15 4 16	16°41'06	27°15	20°20	14°28	20°29	12° 1	11°35	6°19	22°54	24°26	2°R36	1°51	26°40	n.a.	T 13
F 14	15 8 12	17°38'19	12♉18	22°30	15°40	21° 9	11°59	11°35	6°20	22°56	24°26	2°36	1°48	26°47	n.a.	F 14
S 15	15 12 9	18°35'31	27°29	24°40	16°53	21°49	11°58	11°34	6°22	22°58	24°26	2°35	1°45	26°54	n.a.	S 15
S 16	15 16 6	19°32'43	12♊38	26°47	18° 5	22°29	11°56	11°34	6°23	23° 0	24°26	2°34	1°42	27° 0	n.a.	S 16
M17	15 20 2	20°29'54	27°36	28°54	19°17	23° 9	11°54	11°33	6°25	23° 2	24°27	2°32	1°39	27° 7	n.a.	M17
T 18	15 23 59	21°27'05	12♋15	0♊59	20°29	23°49	11°51	11°33	6°26	23° 4	24°27	2°29	1°36	27°14	n.a.	T 18
W19	15 27 55	22°24'15	26°30	3° 2	21°41	24°29	11°49	11°33	6°28	23° 6	24°27	2°27	1°32	27°20	n.a.	W19
T 20	15 31 52	23°21'24	10♌19	5° 3	22°53	25° 9	11°46	11°D33	6°29	23° 8	24°28	2°26	1°29	27°27	n.a.	T 20
F 21	15 35 48	24°18'33	23°41	7° 2	24° 5	25°49	11°43	11°33	6°30	23°10	24°28	2°D26	1°26	27°34	n.a.	F 21
S 22	15 39 45	25°15'40	6♍40	9° 0	25°17	26°29	11°40	11°33	6°32	23°12	24°28	2°26	1°23	27°40	n.a.	S 22
S 23	15 43 41	26°12'48	19°17	10°55	26°29	27° 9	11°37	11°34	6°33	23°14	24°29	2°27	1°20	27°47	n.a.	S 23
M24	15 47 38	27° 9'54	1♎38	12°48	27°41	27°48	11°34	11°34	6°34	23°16	24°29	2°29	1°16	27°54	n.a.	M24
T 25	15 51 35	28° 7'00	13°45	14°39	28°53	28°28	11°30	11°34	6°35	23°18	24°30	2°30	1°13	28° 0	n.a.	T 25
W26	15 55 31	29° 4'06	25°43	16°28	0♋ 5	29° 8	11°26	11°35	6°36	23°20	24°30	2°31	1°10	28° 7	n.a.	W26
T 27	15 59 28	0♊ 1'11	7♏35	18°14	1°16	29°48	11°22	11°36	6°37	23°22	24°31	2°R31	1° 7	28°14	n.a.	T 27
F 28	16 3 24	0°58'17	19°24	19°59	2°28	0♊27	11°18	11°36	6°38	23°24	24°31	2°30	1° 4	28°20	n.a.	F 28
S 29	16 7 21	1°55'22	1♐13	21°41	3°40	1° 7	11°14	11°37	6°39	23°26	24°32	2°28	1° 1	28°27	n.a.	S 29
S 30	16 11 17	2°52'27	13° 3	23°21	4°51	1°47	11°10	11°38	6°40	23°27	24°32	2°24	0°57	28°34	n.a.	S 30
M31	16 15 14	3♊49'32	24♐57	24♊59	6♋ 3	2♊26	11♑ 5	11♍39	6♓41	23♈29	24♌33	2♏19	0♏54	28♏40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n25	16s51	1n48	8n43	0s58	21n24	1n 2	16n 1	0n18	23s33	0s23	9n38	2n37	10s 8	0s45	7n 5	1s54	28n32	16n 2	12s31	12s29	17s23		n.a.
S 2	13 44	18 30	2 47	9 37	0 48	21 41	1 4	16 14	0 18	23 33	0 23	9 38	2 37	10 8	0 45	7 6	1 54	28 32	16 2	12 31	12 28	17 24		n.a.
M 3	14 4	19 21	3 39	10 32	0 37	21 58	1 7	16 27	0 19	23 33	0 23	9 39	2 37	10 7	0 45	7 6	1 54	28 32	16 2	12 31	12 27	17 25		n.a.
T 4	14 22	19 21	4 21	11 27	0 27	22 15	1 9	16 40	0 19	23 33	0 23	9 39	2 37	10 6	0 45	7 7	1 54	28 31	16 1	12 31	12 26	17 25		n.a.
W 5	14 41	18 28	4 53	12 22	0 16	22 31	1 11	16 53	0 20	23 33	0 24	9 39	2 37	10 6	0 45	7 8	1 54	28 31	16 1	12 30	12 24	17 26		n.a.
T 6	14 59	16 45	5 12	13 16	0 5	22 46	1 13	17 5	0 20	23 34	0 24	9 40	2 36	10 5	0 45	7 9	1 54	28 31	16 0	12 30	12 23	17 27		n.a.
F 7	15 18	14 12	5 17	14 10	0n 5	23 1	1 15	17 17	0 21	23 34	0 24	9 40	2 36	10 4	0 46	7 10	1 54	28 30	16 0	12 30	12 22	17 28		n.a.
S 8	15 35	10 57	5 7	15 2	0 16	23 15	1 17	17 30	0 22	23 34	0 24	9 40	2 36	10 4	0 46	7 10	1 54	28 30	15 59	12 30	12 21	17 29		n.a.
S 9	15 53	7 3	4 41	15 54	0 26	23 28	1 19	17 42	0 22	23 34	0 24	9 41	2 36	10 3	0 46	7 11	1 54	28 29	15 59	12 30	12 20	17 29		n.a.
M10	16 11	2 41	3 58	16 44	0 36	23 41	1 21	17 53	0 23	23 35	0 25	9 41	2 36	10 2	0 46	7 12	1 54	28 29	15 58	12 30	12 19	17 30		n.a.
T 11	16 28	1n58	3 0	17 33	0 46	23 53	1 23	18 5	0 23	23 35	0 25	9 41	2 35	10 2	0 46	7 13	1 54	28 29	15 58	12 31	12 18	17 31		n.a.
W12	16 45	6 39	1 49	18 20	0 55	24 4	1 25	18 17	0 24	23 35	0 25	9 41	2 35	10 1	0 46	7 13	1 55	28 28	15 57	12 31	12 17	17 32		n.a.
T 13	17 1	11 5	0 30	19 5	1 4	24 15	1 27	18 28	0 24	23 36	0 25	9 41	2 35	10 1	0 46	7 14	1 55	28 28	15 57	12 31	12 16	17 32		n.a.
F 14	17 18	14 52	0s53	19 47	1 13	24 25	1 29	18 40	0 25	23 36	0 26	9 41	2 35	10 0	0 46	7 15	1 55	28 27	15 57	12 31	12 14	17 33		n.a.
S 15	17 34	17 40	2 13	20 28	1 21	24 34	1 30	18 51	0 25	23 36	0 26	9 41	2 35	9 59	0 46	7 16	1 55	28 27	15 56	12 31	12 13	17 34		n.a.
S 16	17 50	19 13	3 24	21 6	1 28	24 43	1 32	19 2	0 26	23 37	0 26	9 41	2 34	9 59	0 46	7 16	1 55	28 26	15 56	12 30	12 12	17 35		n.a.
M17	18 5	19 23	4 19	21 41	1 34	24 50	1 34	19 12	0 26	23 37	0 26	9 41	2 34	9 58	0 46	7 17	1 55	28 26	15 55	12 30	12 11	17 35		n.a.
T 18	18 20	18 14	4 56	22 14	1 40	24 58	1 35	19 23	0 27	23 38	0 26	9 41	2 34	9 58	0 46	7 18	1 55	28 25	15 55	12 29	12 10	17 36		n.a.
W19	18 35	15 58	5 14	22 44	1 46	25 4	1 37	19 34	0 27	23 38	0 27	9 41	2 34	9 57	0 46	7 19	1 55	28 25	15 54	12 28	12 9	17 37		n.a.
T 20	18 50	12 51	5 13	23 12	1 50	25 10	1 38	19 44	0 28	23 38	0 27	9 40	2 33	9 57	0 46	7 19	1 55	28 24	15 54	12 28	12 8	17 38		n.a.
F 21	19 4	9 9	4 54	23 37	1 54	25 15	1 39	19 54	0 29	23 39	0 27	9 40	2 33	9 56	0 46	7 20	1 55	28 24	15 53	12 28	12 7	17 38		n.a.
S 22	19 18	5 8	4 21	23 59	1 57	25 19	1 41	20 4	0 29	23 39	0 27	9 40	2 33	9 56	0 46	7 21	1 55	28 23	15 53	12 28	12 6	17 39		n.a.
S 23	19 32	0 59	3 36	24 19	1 59	25 22	1 42	20 14	0 30	23 40	0 27	9 40	2 33	9 56	0 46	7 21	1 55	28 23	15 52	12 28	12 4	17 40		n.a.
M24	19 46	3s 8	2 42	24 36	2 1	25 25	1 43	20 24	0 30	23 40	0 28	9 39	2 32	9 55	0 46	7 22	1 55	28 22	15 52	12 29	12 3	17 41		n.a.
T 25	19 59	7 3	1 42	24 51	2 2	25 27	1 44	20 33	0 31	23 41	0 28	9 39	2 32	9 55	0 46	7 23	1 55	28 21	15 51	12 29	12 2	17 41		n.a.
W26	20 11	10 38	0 37	25 3	2 3	25 29	1 45	20 43	0 31	23 42	0 28	9 38	2 32	9 54	0 46	7 24	1 55	28 21	15 51	12 30	12 1	17 42		n.a.
T 27	20 24	13 46	0n28	25 13	2 2	25 29	1 46	20 52	0 32	23 42	0 28	9 38	2 32	9 54	0 46	7 24	1 55	28 20	15 51	12 30	12 0	17 43		n.a.
F 28	20 36	16 19	1 31	25 21	2 1	25 29	1 47	21 1	0 32	23 43	0 29	9 37	2 32	9 54	0 46	7 25	1 55	28 20	15 50	12 29	11 59	17 43		n.a.
S 29	20 48	18 11	2 31	25 27	2 0	25 28	1 48	21 10	0 33	23 43	0 29	9 37	2 31	9 54	0 46	7 26	1 55	28 19	15 50	12 28	11 58	17 44		n.a.
S 30	20 59	19 16	3 24	25 30	1 57	25 26	1 49	21 18	0 33	23 44	0 29	9 36	2 31	9 53	0 46	7 26	1 55	28 18	15 49	12 27	11 57	17 45		n.a.
M31	21n10	19s29	4n 8	25n32	1n54	25n24	1n49	21n27	0n34	23s44	0s29	9n36	2n31	9s53	0s46	7n27	1s55	28n18	15n49	12s25	11s56	17s45		n.a.

Julian Day Number = 1627308.5, Delta T = 03h43m58s
Ecliptic obliquity = 23°43'28, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'40, Lahiri = - 7°30'39 Julian Calendar 1 May 258 BCE == Greg. Calendar 27 Apr. 258 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

JUNE 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 19 11	4♊46'37	6♉56	26♊34	7♋14	3♊ 6	11°R 0	11♍40	6♓41	23♈31	24♌34	2°R13	0♏51	28♏47	n.a.	T 1
W 2	16 23 7	5°43'42	19° 4	28° 7	8°26	3°45	10♉55	11°42	6°42	23°33	24°34	2♏ 8	0°48	28°54	n.a.	W 2
T 3	16 27 4	6°40'48	1♒21	29°38	9°37	4°25	10°50	11°43	6°43	23°35	24°35	2° 3	0°45	29° 0	n.a.	T 3
F 4	16 31 0	7°37'53	13°51	1♋ 7	10°49	5° 4	10°45	11°45	6°43	23°36	24°36	1°59	0°42	29° 7	n.a.	F 4
S 5	16 34 57	8°35'00	26°37	2°34	12° 0	5°44	10°40	11°46	6°44	23°38	24°37	1°57	0°38	29°14	n.a.	S 5
S 6	16 38 53	9°32'06	9♓41	3°58	13°11	6°23	10°34	11°48	6°44	23°40	24°38	1°D56	0°35	29°20	n.a.	S 6
M 7	16 42 50	10°29'13	23° 7	5°19	14°23	7° 2	10°29	11°49	6°45	23°41	24°39	1°57	0°32	29°27	n.a.	M 7
T 8	16 46 46	11°26'21	6♈57	6°39	15°34	7°42	10°23	11°51	6°45	23°43	24°39	1°58	0°29	29°34	n.a.	T 8
W 9	16 50 43	12°23'29	21°11	7°56	16°45	8°21	10°17	11°53	6°46	23°45	24°40	1°59	0°26	29°40	n.a.	W 9
T 10	16 54 40	13°20'37	5♉48	9°10	17°56	9° 0	10°11	11°55	6°46	23°46	24°41	1°R59	0°22	29°47	n.a.	T 10
F 11	16 58 36	14°17'46	20°44	10°22	19° 7	9°39	10° 5	11°57	6°46	23°48	24°42	1°58	0°19	29°54	n.a.	F 11
S 12	17 2 33	15°14'56	5♊52	11°32	20°18	10°19	9°58	12° 0	6°47	23°49	24°43	1°55	0°16	0♐ 0	n.a.	S 12
S 13	17 6 29	16°12'06	21° 4	12°38	21°29	10°58	9°52	12° 2	6°47	23°51	24°44	1°50	0°13	0° 7	n.a.	S 13
M14	17 10 26	17° 9'17	6♋ 8	13°42	22°40	11°37	9°45	12° 4	6°47	23°53	24°45	1°44	0°10	0°14	n.a.	M14
T 15	17 14 22	18° 6'28	20°56	14°43	23°51	12°16	9°39	12° 7	6°47	23°54	24°47	1°37	0° 7	0°20	n.a.	T 15
W16	17 18 19	19° 3'39	5♌20	15°41	25° 1	12°55	9°32	12° 9	6°R47	23°55	24°48	1°30	0° 3	0°27	n.a.	W16
T 17	17 22 15	20° 0'51	19°16	16°36	26°12	13°34	9°25	12°12	6°47	23°57	24°49	1°25	0° 0	0°34	n.a.	T 17
F 18	17 26 12	20°58'02	2♍44	17°28	27°23	14°14	9°18	12°15	6°47	23°58	24°50	1°21	29♎57	0°40	n.a.	F 18
S 19	17 30 9	21°55'14	15°44	18°16	28°33	14°53	9°11	12°18	6°47	24° 0	24°51	1°20	29°54	0°47	n.a.	S 19
S 20	17 34 5	22°52'27	28°21	19° 1	29°44	15°32	9° 4	12°21	6°47	24° 1	24°53	1°D20	29°51	0°54	n.a.	S 20
M21	17 38 2	23°49'39	10♎38	19°42	0♌54	16°11	8°57	12°24	6°47	24° 2	24°54	1°21	29°47	1° 0	n.a.	M21
T 22	17 41 58	24°46'52	22°41	20°20	2° 5	16°49	8°49	12°27	6°46	24° 4	24°55	1°22	29°44	1° 7	n.a.	T 22
W23	17 45 55	25°44'06	4♏35	20°53	3°15	17°28	8°42	12°30	6°46	24° 5	24°56	1°R22	29°41	1°14	n.a.	W23
T 24	17 49 51	26°41'20	16°23	21°23	4°25	18° 7	8°35	12°33	6°46	24° 6	24°58	1°21	29°38	1°20	n.a.	T 24
F 25	17 53 48	27°38'35	28°11	21°48	5°35	18°46	8°27	12°37	6°45	24° 7	24°59	1°17	29°35	1°27	n.a.	F 25
S 26	17 57 44	28°35'51	10♐ 1	22° 9	6°45	19°25	8°20	12°40	6°45	24° 9	25° 1	1°11	29°32	1°34	n.a.	S 26
S 27	18 1 41	29°33'07	21°56	22°25	7°55	20° 4	8°12	12°44	6°44	24°10	25° 2	1° 3	29°28	1°40	n.a.	S 27
M28	18 5 38	0♋30'24	3♉58	22°36	9° 5	20°43	8° 4	12°47	6°44	24°11	25° 3	0°53	29°25	1°47	n.a.	M28
T 29	18 9 34	1°27'42	16° 7	22°42	10°15	21°21	7°57	12°51	6°43	24°12	25° 5	0°43	29°22	1°54	n.a.	T 29
W30	18 13 31	2♋25'01	28♉26	22°R44	11♌25	22♊ 0	7♉49	12♍55	6♓43	24♈13	25♌ 6	0♏32	29♎19	2♐ 0	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n21	18s51	4n42	25n31	1n51	25n21	1n50	21n35	0n34	23s45	0s29	9n35	2n31	9s53	0s46	7n27	1s55	28n17	15n48	12s23	11s54	17s46		n.a.
W 2	21 31	17 20	5 4	25 29	1 46	25 17	1 50	21 43	0 35	23 46	0 30	9 34	2 30	9 52	0 46	7 28	1 55	28 16	15 48	12 21	11 53	17 47		n.a.
T 3	21 41	15 2	5 12	25 25	1 42	25 13	1 51	21 51	0 35	23 46	0 30	9 34	2 30	9 52	0 46	7 29	1 55	28 16	15 47	12 20	11 52	17 48		n.a.
F 4	21 51	12 0	5 5	25 20	1 36	25 7	1 51	21 59	0 36	23 47	0 30	9 33	2 30	9 52	0 47	7 29	1 55	28 15	15 47	12 18	11 51	17 48		n.a.
S 5	22 0	8 21	4 43	25 12	1 30	25 1	1 51	22 7	0 36	23 48	0 30	9 32	2 30	9 52	0 47	7 30	1 55	28 14	15 47	12 17	11 50	17 49		n.a.
S 6	22 9	4 13	4 7	25 4	1 24	24 55	1 51	22 14	0 37	23 48	0 30	9 31	2 29	9 52	0 47	7 30	1 55	28 13	15 46	12 17	11 49	17 50		n.a.
M 7	22 17	0n14	3 16	24 54	1 17	24 47	1 51	22 21	0 37	23 49	0 31	9 30	2 29	9 52	0 47	7 31	1 55	28 13	15 46	12 17	11 48	17 50		n.a.
T 8	22 25	4 48	2 12	24 43	1 10	24 39	1 51	22 28	0 38	23 50	0 31	9 29	2 29	9 51	0 47	7 32	1 55	28 12	15 45	12 18	11 47	17 51		n.a.
W 9	22 33	9 16	0 58	24 30	1 1	24 30	1 51	22 35	0 38	23 50	0 31	9 28	2 29	9 51	0 47	7 32	1 55	28 11	15 45	12 18	11 45	17 52		n.a.
T 10	22 40	13 17	0s21	24 17	0 53	24 21	1 51	22 42	0 39	23 51	0 31	9 27	2 29	9 51	0 47	7 33	1 56	28 11	15 44	12 18	11 44	17 52		n.a.
F 11	22 47	16 33	1 40	24 3	0 44	24 10	1 51	22 48	0 39	23 52	0 31	9 26	2 28	9 51	0 47	7 33	1 56	28 10	15 44	12 18	11 43	17 53		n.a.
S 12	22 54	18 42	2 53	23 47	0 34	23 59	1 51	22 55	0 40	23 52	0 32	9 25	2 28	9 51	0 47	7 34	1 56	28 9	15 44	12 17	11 42	17 54		n.a.
S 13	23 0	19 31	3 54	23 31	0 25	23 48	1 50	23 1	0 40	23 53	0 32	9 24	2 28	9 51	0 47	7 34	1 56	28 8	15 43	12 15	11 41	17 54		n.a.
M14	23 6	18 57	4 39	23 15	0 14	23 36	1 50	23 7	0 41	23 54	0 32	9 23	2 28	9 51	0 47	7 35	1 56	28 8	15 43	12 13	11 40	17 55		n.a.
T 15	23 11	17 5	5 3	22 57	0 3	23 23	1 49	23 13	0 41	23 54	0 32	9 22	2 27	9 51	0 47	7 35	1 56	28 7	15 42	12 10	11 39	17 56		n.a.
W16	23 16	14 11	5 8	22 40	0s 8	23 9	1 48	23 18	0 42	23 55	0 32	9 21	2 27	9 51	0 47	7 36	1 56	28 6	15 42	12 8	11 38	17 56		n.a.
T 17	23 21	10 34	4 54	22 22	0 19	22 55	1 47	23 24	0 42	23 56	0 33	9 19	2 27	9 51	0 47	7 36	1 56	28 5	15 42	12 6	11 36	17 57		n.a.
F 18	23 25	6 31	4 24	22 3	0 31	22 40	1 47	23 29	0 42	23 56	0 33	9 18	2 27	9 51	0 47	7 37	1 56	28 4	15 41	12 5	11 35	17 58		n.a.
S 19	23 28	2 18	3 41	21 45	0 43	22 25	1 46	23 34	0 43	23 57	0 33	9 17	2 27	9 51	0 47	7 37	1 56	28 4	15 41	12 5	11 34	17 58		n.a.
S 20	23 32	1s54	2 48	21 26	0 56	22 9	1 45	23 39	0 43	23 58	0 33	9 16	2 26	9 51	0 47	7 38	1 56	28 3	15 40	12 5	11 33	17 59		n.a.
M21	23 35	5 56	1 49	21 7	1 9	21 52	1 43	23 43	0 44	23 58	0 33	9 14	2 26	9 51	0 47	7 38	1 56	28 2	15 40	12 5	11 32	17 59		n.a.
T 22	23 37	9 39	0 47	20 49	1 22	21 35	1 42	23 48	0 44	23 59	0 34	9 13	2 26	9 52	0 47	7 39	1 56	28 1	15 40	12 5	11 31	18 0		n.a.
W23	23 39	12 56	0n17	20 31	1 35	21 18	1 41	23 52	0 45	24 0	0 34	9 11	2 26	9 52	0 47	7 39	1 56	28 0	15 39	12 5	11 30	18 1		n.a.
T 24	23 41	15 40	1 20	20 13	1 49	20 59	1 39	23 56	0 45	24 0	0 34	9 10	2 26	9 52	0 47	7 39	1 56	27 59	15 39	12 5	11 28	18 1		n.a.
F 25	23 42	17 44	2 19	19 55	2 2	20 41	1 38	24 0	0 46	24 1	0 34	9 8	2 25	9 52	0 47	7 40	1 56	27 59	15 38	12 4	11 27	18 2		n.a.
S 26	23 43	19 3	3 12	19 39	2 16	20 21	1 36	24 4	0 46	24 2	0 34	9 7	2 25	9 52	0 47	7 40	1 56	27 58	15 38	12 2	11 26	18 2		n.a.
S 27	23 43	19 32	3 57	19 23	2 30	20 1	1 34	24 7	0 47	24 2	0 35	9 5	2 25	9 52	0 47	7 41	1 56	27 57	15 38	11 59	11 25	18 3		n.a.
M28	23 43	19 9	4 31	19 7	2 43	19 41	1 33	24 11	0 47	24 3	0 35	9 4	2 25	9 53	0 47	7 41	1 57	27 56	15 37	11 55	11 24	18 4		n.a.
T 29	23 43	17 52	4 54	18 53	2 56	19 20	1 31	24 14	0 48	24 4	0 35	9 2	2 25	9 53	0 47	7 41	1 57	27 55	15 37	11 51	11 23	18 4		n.a.
W30	23n42	15s46	5n 3	18n40	3s10	18n59	1n29	24n17	0n48	24s 4	0s35	9n 0	2n24	9s53	0s48	7n42	1s57	27n54	15n37	11s48	11s22	18s 5		n.a.

Julian Day Number = 1627339.5, Delta T = 03h43m57s
Ecliptic obliquity = 23°43'27, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'36, Lahiri = - 7°30'35 Julian Calendar 1 June 258 BCE == Greg. Calendar 28 May 258 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

JULY 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 17 27	3♋22'21	10♒55	22°R40	12♌35	22♊39	7°R41	12♍59	6°R42	24♈14	25♌ 8	0°R22	29♎16	2♐ 7	n.a.	T 1
F 2	18 21 24	4°19'43	23°36	22♋31	13°44	23°18	7♑34	13° 2	6♓41	24°15	25°10	0♏13	29°13	2°14	n.a.	F 2
S 3	18 25 20	5°17'05	6♓29	22°17	14°54	23°56	7°26	13° 6	6°41	24°16	25°11	0° 8	29° 9	2°20	n.a.	S 3
S 4	18 29 17	6°14'29	19°36	21°58	16° 3	24°35	7°18	13°11	6°40	24°17	25°13	0° 4	29° 6	2°27	n.a.	S 4
M 5	18 33 14	7°11'54	3♈ 0	21°34	17°13	25°14	7°10	13°15	6°39	24°18	25°14	0°D 3	29° 3	2°34	n.a.	M 5
T 6	18 37 10	8° 9'21	16°42	21° 5	18°22	25°52	7° 2	13°19	6°38	24°19	25°16	0° 3	29° 0	2°40	n.a.	T 6
W 7	18 41 7	9° 6'49	0♉44	20°31	19°31	26°31	6°55	13°23	6°37	24°20	25°18	0°R 4	28°57	2°47	n.a.	W 7
T 8	18 45 3	10° 4'18	15° 6	19°53	20°40	27° 9	6°47	13°28	6°36	24°21	25°19	0° 3	28°53	2°54	n.a.	T 8
F 9	18 49 0	11° 1'49	29°45	19°12	21°49	27°48	6°39	13°32	6°35	24°22	25°21	0° 0	28°50	3° 0	n.a.	F 9
S 10	18 52 56	11°59'22	14♊38	18°27	22°58	28°26	6°31	13°37	6°34	24°22	25°23	29♎55	28°47	3° 7	n.a.	S 10
S 11	18 56 53	12°56'56	29°36	17°41	24° 7	29° 5	6°23	13°41	6°33	24°23	25°25	29°47	28°44	3°14	n.a.	S 11
M12	19 0 49	13°54'31	14♋31	16°52	25°16	29°43	6°16	13°46	6°32	24°24	25°26	29°37	28°41	3°20	n.a.	M12
T 13	19 4 46	14°52'08	29°15	16° 3	26°24	0♌22	6° 8	13°51	6°31	24°25	25°28	29°26	28°38	3°27	n.a.	T 13
W14	19 8 43	15°49'45	13♌39	15°14	27°33	1° 0	6° 1	13°56	6°29	24°25	25°30	29°16	28°34	3°34	n.a.	W14
T 15	19 12 39	16°47'24	27°37	14°26	28°41	1°39	5°53	14° 1	6°28	24°26	25°32	29° 7	28°31	3°40	n.a.	T 15
F 16	19 16 36	17°45'05	11♍ 7	13°40	29°50	2°17	5°45	14° 5	6°27	24°26	25°34	29° 0	28°28	3°47	n.a.	F 16
S 17	19 20 32	18°42'46	24°10	12°58	0♍58	2°56	5°38	14°11	6°25	24°27	25°35	28°55	28°25	3°54	n.a.	S 17
S 18	19 24 29	19°40'28	6♎48	12°19	2° 6	3°34	5°31	14°16	6°24	24°28	25°37	28°53	28°22	4° 0	n.a.	S 18
M19	19 28 25	20°38'12	19° 6	11°45	3°14	4°12	5°23	14°21	6°23	24°28	25°39	28°D53	28°19	4° 7	n.a.	M19
T 20	19 32 22	21°35'57	1♏ 9	11°16	4°22	4°51	5°16	14°26	6°21	24°29	25°41	28°R53	28°15	4°14	n.a.	T 20
W21	19 36 18	22°33'43	13° 3	10°54	5°30	5°29	5° 9	14°31	6°20	24°29	25°43	28°52	28°12	4°20	n.a.	W21
T 22	19 40 15	23°31'31	24°51	10°38	6°37	6° 7	5° 2	14°37	6°18	24°29	25°45	28°50	28° 9	4°27	n.a.	T 22
F 23	19 44 12	24°29'20	6♐40	10°29	7°45	6°45	4°55	14°42	6°16	24°30	25°47	28°46	28° 6	4°34	n.a.	F 23
S 24	19 48 8	25°27'10	18°34	10°D28	8°52	7°24	4°48	14°48	6°15	24°30	25°49	28°38	28° 3	4°40	n.a.	S 24
S 25	19 52 5	26°25'02	0♑35	10°35	9°59	8° 2	4°41	14°53	6°13	24°30	25°51	28°29	27°59	4°47	n.a.	S 25
M26	19 56 1	27°22'55	12°47	10°50	11° 6	8°40	4°35	14°59	6°11	24°31	25°53	28°17	27°56	4°54	n.a.	M26
T 27	19 59 58	28°20'50	25° 9	11°12	12°13	9°18	4°28	15° 4	6°10	24°31	25°55	28° 3	27°53	5° 0	n.a.	T 27
W28	20 3 54	29°18'47	7♒44	11°43	13°20	9°56	4°22	15°10	6° 8	24°31	25°57	27°50	27°50	5° 7	n.a.	W28
T 29	20 7 51	0♌16'45	20°30	12°21	14°27	10°35	4°16	15°16	6° 6	24°31	25°59	27°38	27°47	5°14	n.a.	T 29
F 30	20 11 47	1°14'45	3♓28	13° 7	15°33	11°13	4° 9	15°22	6° 4	24°31	26° 1	27°28	27°44	5°21	n.a.	F 30
S 31	20 15 44	2♌12'47	16♓37	14♋ 1	16♍39	11♋51	4♑ 3	15♍27	6♓ 2	24♈31	26♌ 3	27♎20	27♎40	5♐27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n41	12s55	4n59	18n28	3s22	18n37	1n27	24n19	0n48	24s 5	0s35	8n59	2n24	9s53	0s48	7n42	1s57	27n54	15n36	11s44	11s21	18s 5			n.a.
F 2	23 39	9 25	4 39	18 17	3 35	18 15	1 24	24 22	0 49	24 6	0 35	8 57	2 24	9 54	0 48	7 42	1 57	27 53	15 36	11 41	11 19	18 6			n.a.
S 3	23 37	5 27	4 5	18 8	3 46	17 52	1 22	24 24	0 49	24 6	0 36	8 55	2 24	9 54	0 48	7 43	1 57	27 52	15 36	11 39	11 18	18 7			n.a.
S 4	23 34	1 8	3 18	18 0	3 57	17 29	1 20	24 26	0 50	24 7	0 36	8 53	2 24	9 54	0 48	7 43	1 57	27 51	15 35	11 38	11 17	18 7			n.a.
M 5	23 32	3n19	2 19	17 54	4 8	17 5	1 17	24 28	0 50	24 7	0 36	8 52	2 23	9 55	0 48	7 43	1 57	27 50	15 35	11 37	11 16	18 8			n.a.
T 6	23 28	7 43	1 11	17 49	4 17	16 41	1 15	24 30	0 51	24 8	0 36	8 50	2 23	9 55	0 48	7 44	1 57	27 49	15 35	11 37	11 15	18 8			n.a.
W 7	23 24	11 49	0s 4	17 47	4 25	16 17	1 12	24 32	0 51	24 9	0 36	8 48	2 23	9 56	0 48	7 44	1 57	27 48	15 34	11 38	11 14	18 9			n.a.
T 8	23 20	15 18	1 19	17 46	4 31	15 52	1 9	24 33	0 51	24 9	0 36	8 46	2 23	9 56	0 48	7 44	1 57	27 47	15 34	11 37	11 13	18 10			n.a.
F 9	23 16	17 53	2 31	17 46	4 36	15 27	1 6	24 34	0 52	24 10	0 36	8 44	2 23	9 56	0 48	7 44	1 57	27 46	15 34	11 36	11 11	18 10			n.a.
S 10	23 11	19 18	3 33	17 49	4 40	15 1	1 3	24 35	0 52	24 10	0 37	8 42	2 22	9 57	0 48	7 45	1 57	27 46	15 34	11 34	11 10	18 11			n.a.
S 11	23 5	19 22	4 21	17 53	4 42	14 35	1 0	24 36	0 53	24 11	0 37	8 40	2 22	9 57	0 48	7 45	1 57	27 45	15 33	11 32	11 9	18 11			n.a.
M12	22 59	18 6	4 51	17 59	4 42	14 9	0 57	24 37	0 53	24 11	0 37	8 38	2 22	9 58	0 48	7 45	1 57	27 44	15 33	11 28	11 8	18 12			n.a.
T 13	22 53	15 38	5 2	18 7	4 40	13 42	0 54	24 37	0 54	24 12	0 37	8 36	2 22	9 58	0 48	7 45	1 57	27 43	15 33	11 24	11 7	18 12			n.a.
W14	22 46	12 16	4 52	18 16	4 37	13 16	0 51	24 37	0 54	24 12	0 37	8 34	2 22	9 59	0 48	7 45	1 57	27 42	15 32	11 20	11 6	18 13			n.a.
T 15	22 39	8 17	4 26	18 26	4 31	12 48	0 47	24 37	0 54	24 13	0 37	8 32	2 22	9 59	0 48	7 46	1 58	27 41	15 32	11 17	11 5	18 13			n.a.
F 16	22 32	4 1	3 45	18 38	4 24	12 21	0 44	24 37	0 55	24 13	0 37	8 30	2 21	10 0	0 48	7 46	1 58	27 40	15 32	11 15	11 3	18 14			n.a.
S 17	22 24	0s18	2 53	18 51	4 15	11 53	0 40	24 37	0 55	24 14	0 37	8 28	2 21	10 0	0 48	7 46	1 58	27 39	15 32	11 13	11 2	18 14			n.a.
S 18	22 16	4 29	1 54	19 5	4 4	11 25	0 37	24 36	0 56	24 14	0 38	8 26	2 21	10 1	0 48	7 46	1 58	27 38	15 31	11 13	11 1	18 15			n.a.
M19	22 7	8 22	0 52	19 20	3 52	10 57	0 33	24 35	0 56	24 14	0 38	8 24	2 21	10 1	0 48	7 46	1 58	27 37	15 31	11 12	11 0	18 16			n.a.
T 20	21 58	11 50	0n12	19 36	3 39	10 29	0 29	24 35	0 57	24 15	0 38	8 21	2 21	10 2	0 48	7 46	1 58	27 37	15 31	11 12	10 59	18 16			n.a.
W21	21 49	14 45	1 14	19 52	3 24	10 0	0 25	24 33	0 57	24 15	0 38	8 19	2 21	10 3	0 48	7 46	1 58	27 36	15 31	11 12	10 58	18 17			n.a.
T 22	21 39	17 3	2 13	20 9	3 9	9 31	0 21	24 32	0 57	24 16	0 38	8 17	2 20	10 3	0 48	7 46	1 58	27 35	15 31	11 11	10 57	18 17			n.a.
F 23	21 29	18 38	3 6	20 26	2 53	9 2	0 17	24 31	0 58	24 16	0 38	8 15	2 20	10 4	0 48	7 46	1 58	27 34	15 30	11 10	10 55	18 18			n.a.
S 24	21 18	19 24	3 51	20 43	2 36	8 33	0 13	24 29	0 58	24 16	0 38	8 12	2 20	10 4	0 48	7 47	1 58	27 33	15 30	11 7	10 54	18 18			n.a.
S 25	21 7	19 17	4 26	20 59	2 19	8 3	0 9	24 27	0 59	24 17	0 38	8 10	2 20	10 5	0 48	7 47	1 58	27 32	15 30	11 4	10 53	18 19			n.a.
M26	20 56	18 18	4 49	21 15	2 2	7 33	0 5	24 25	0 59	24 17	0 38	8 8	2 20	10 6	0 48	7 47	1 58	27 31	15 30	10 59	10 52	18 19			n.a.
T 27	20 44	16 27	5 0	21 31	1 44	7 4	0 0	24 23	0 59	24 17	0 38	8 6	2 20	10 6	0 48	7 47	1 58	27 30	15 30	10 54	10 51	18 20			n.a.
W28	20 32	13 47	4 56	21 45	1 27	6 34	0s 4	24 20	1 0	24 18	0 39	8 3	2 20	10 7	0 48	7 47	1 58	27 29	15 29	10 50	10 50	18 20			n.a.
T 29	20 20	10 27	4 37	21 59	1 10	6 4	0 9	24 18	1 0	24 18	0 39	8 1	2 19	10 8	0 48	7 47	1 58	27 28	15 29	10 45	10 48	18 21			n.a.
F 30	20 7	6 34	4 4	22 11	0 53	5 34	0 13	24 15	1 1	24 18	0 39	7 58	2 19	10 8	0 48	7 47	1 59	27 27	15 29	10 42	10 47	18 21			n.a.
S 31	19n54	2s20	3n17	22n22	0s37	5n 3	0s18	24n12	1n 1	24s18	0s39	7n56	2n19	10s 9	0s48	7n47	1s59	27n27	15n29	10s39	10s46	18s22			n.a.

Julian Day Number = 1627369.5, Delta T = 03h43m56s
Ecliptic obliquity = 23°43'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'32, Lahiri = - 7°30'31 Julian Calendar 1 July 258 BCE == Greg. Calendar 27 June 258 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

AUGUST 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 19 41	3♌10'51	29♓57	15♋ 1	17♍46	12♋29	3°R57	15♍33	6°R 0	24♈31	26♌ 5	27°R16	27♎37	5♐34	n.a.	S 1
M 2	20 23 37	4° 8'57	13♈28	16° 9	18°52	13° 7	3♉52	15°39	5♓59	24°R31	26° 8	27♎14	27°34	5°41	n.a.	M 2
T 3	20 27 34	5° 7'05	27°12	17°22	19°57	13°45	3°46	15°45	5°57	24°31	26°10	27°13	27°31	5°47	n.a.	T 3
W 4	20 31 30	6° 5'15	11♉ 8	18°42	21° 3	14°23	3°40	15°51	5°55	24°31	26°12	27°13	27°28	5°54	n.a.	W 4
T 5	20 35 27	7° 3'27	25°18	20° 7	22° 9	15° 1	3°35	15°57	5°53	24°31	26°14	27°12	27°25	6° 1	n.a.	T 5
F 6	20 39 23	8° 1'42	9♊39	21°37	23°14	15°39	3°30	16° 4	5°51	24°31	26°16	27° 9	27°21	6° 7	n.a.	F 6
S 7	20 43 20	8°59'59	24°10	23°12	24°19	16°17	3°25	16°10	5°48	24°31	26°18	27° 4	27°18	6°14	n.a.	S 7
S 8	20 47 16	9°58'17	8♋45	24°50	25°24	16°55	3°20	16°16	5°46	24°31	26°20	26°56	27°15	6°21	n.a.	S 8
M 9	20 51 13	10°56'38	23°19	26°32	26°29	17°33	3°15	16°22	5°44	24°31	26°23	26°46	27°12	6°27	n.a.	M 9
T 10	20 55 9	11°55'01	7♌44	28°17	27°33	18°11	3°11	16°29	5°42	24°31	26°25	26°34	27° 9	6°34	n.a.	T 10
W11	20 59 6	12°53'26	21°54	0♌ 4	28°37	18°49	3° 6	16°35	5°40	24°30	26°27	26°23	27° 5	6°41	n.a.	W11
T 12	21 3 3	13°51'53	5♍43	1°53	29°42	19°27	3° 2	16°42	5°38	24°30	26°29	26°14	27° 2	6°47	n.a.	T 12
F 13	21 6 59	14°50'21	19° 9	3°44	0♎45	20° 5	2°58	16°48	5°36	24°30	26°31	26° 6	26°59	6°54	n.a.	F 13
S 14	21 10 56	15°48'52	2♎10	5°35	1°49	20°43	2°54	16°55	5°33	24°29	26°34	26° 1	26°56	7° 1	n.a.	S 14
S 15	21 14 52	16°47'24	14°48	7°28	2°52	21°20	2°50	17° 1	5°31	24°29	26°36	25°59	26°53	7° 7	n.a.	S 15
M16	21 18 49	17°45'58	27° 7	9°21	3°56	21°58	2°47	17° 8	5°29	24°28	26°38	25°D58	26°50	7°14	n.a.	M16
T 17	21 22 45	18°44'34	9♏12	11°14	4°59	22°36	2°44	17°14	5°27	24°28	26°40	25°59	26°46	7°21	n.a.	T 17
W18	21 26 42	19°43'11	21° 6	13° 7	6° 1	23°14	2°41	17°21	5°24	24°27	26°43	25°R59	26°43	7°27	n.a.	W18
T 19	21 30 38	20°41'51	2♐56	15° 0	7° 4	23°52	2°38	17°28	5°22	24°27	26°45	25°58	26°40	7°34	n.a.	T 19
F 20	21 34 35	21°40'32	14°47	16°53	8° 6	24°29	2°35	17°34	5°20	24°26	26°47	25°56	26°37	7°41	n.a.	F 20
S 21	21 38 32	22°39'15	26°43	18°45	9° 8	25° 7	2°32	17°41	5°17	24°26	26°49	25°50	26°34	7°47	n.a.	S 21
S 22	21 42 28	23°38'00	8♑50	20°37	10° 9	25°45	2°30	17°48	5°15	24°25	26°52	25°43	26°31	7°54	n.a.	S 22
M23	21 46 25	24°36'47	21° 9	22°28	11°10	26°23	2°28	17°55	5°13	24°25	26°54	25°34	26°27	8° 1	n.a.	M23
T 24	21 50 21	25°35'35	3♒43	24°18	12°11	27° 0	2°26	18° 2	5°10	24°24	26°56	25°23	26°24	8° 7	n.a.	T 24
W25	21 54 18	26°34'26	16°33	26° 7	13°12	27°38	2°24	18° 8	5° 8	24°23	26°58	25°12	26°21	8°14	n.a.	W25
T 26	21 58 14	27°33'19	29°39	27°56	14°12	28°16	2°22	18°15	5° 5	24°22	27° 1	25° 3	26°18	8°21	n.a.	T 26
F 27	22 2 11	28°32'13	12♓59	29°44	15°12	28°53	2°21	18°22	5° 3	24°22	27° 3	24°55	26°15	8°27	n.a.	F 27
S 28	22 6 7	29°31'10	26°31	1♍30	16°11	29°31	2°19	18°29	5° 1	24°21	27° 5	24°49	26°11	8°34	n.a.	S 28
S 29	22 10 4	0♍30'09	10♈13	3°16	17°10	0♌ 9	2°18	18°36	4°58	24°20	27° 7	24°46	26° 8	8°41	n.a.	S 29
M30	22 14 0	1°29'11	24° 4	5° 1	18° 9	0°46	2°18	18°43	4°56	24°19	27°10	24°D45	26° 5	8°48	n.a.	M30
T 31	22 17 57	2♍28'15	8♉ 1	6♍45	19♎ 7	1♌24	2♑17	18♍50	4♓53	24♈18	27♌12	24♎45	26♎ 2	8♐54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	19n41	2n 6	2n19	22n31	0s22	4n33	0s22	24n 9	1n 1	24s19	0s39	7n54	2n19	10s10	0s48	7n47	1s59	27n26	15n29	10s37	10s45	18s22			n.a.
M 2	19 27	6 29	1 12	22 38	0 7	4 2	0 27	24 6	1 2	24 19	0 39	7 51	2 19	10 11	0 49	7 47	1 59	27 25	15 29	10 36	10 44	18 23			n.a.
T 3	19 13	10 36	0 0	22 42	0n 8	3 32	0 32	24 2	1 2	24 19	0 39	7 49	2 19	10 11	0 49	7 46	1 59	27 24	15 28	10 36	10 43	18 23			n.a.
W 4	18 58	14 12	1s13	22 45	0 21	3 1	0 37	23 58	1 2	24 19	0 39	7 46	2 19	10 12	0 49	7 46	1 59	27 23	15 28	10 36	10 42	18 24			n.a.
T 5	18 44	17 0	2 23	22 45	0 33	2 31	0 42	23 54	1 3	24 20	0 39	7 44	2 19	10 13	0 49	7 46	1 59	27 22	15 28	10 36	10 40	18 24			n.a.
F 6	18 29	18 48	3 25	22 42	0 45	2 0	0 47	23 50	1 3	24 20	0 39	7 41	2 18	10 14	0 49	7 46	1 59	27 21	15 28	10 35	10 39	18 24			n.a.
S 7	18 13	19 22	4 14	22 37	0 55	1 29	0 52	23 46	1 4	24 20	0 39	7 39	2 18	10 15	0 49	7 46	1 59	27 20	15 28	10 33	10 38	18 25			n.a.
S 8	17 58	18 40	4 47	22 29	1 5	0 59	0 57	23 42	1 4	24 20	0 39	7 36	2 18	10 15	0 49	7 46	1 59	27 20	15 28	10 30	10 37	18 25			n.a.
M 9	17 42	16 44	5 1	22 18	1 14	0 28	1 2	23 37	1 4	24 20	0 39	7 33	2 18	10 16	0 49	7 46	1 59	27 19	15 28	10 26	10 36	18 26			n.a.
T 10	17 25	13 47	4 56	22 5	1 21	0s 3	1 8	23 33	1 5	24 21	0 39	7 31	2 18	10 17	0 49	7 46	1 59	27 18	15 28	10 22	10 35	18 26			n.a.
W11	17 9	10 5	4 33	21 48	1 28	0 33	1 13	23 28	1 5	24 21	0 40	7 28	2 18	10 18	0 49	7 46	1 59	27 17	15 28	10 18	10 33	18 27			n.a.
T 12	16 52	5 54	3 54	21 30	1 33	1 4	1 18	23 23	1 6	24 21	0 40	7 26	2 18	10 19	0 49	7 45	1 59	27 16	15 28	10 15	10 32	18 27			n.a.
F 13	16 35	1 33	3 2	21 8	1 38	1 35	1 23	23 17	1 6	24 21	0 40	7 23	2 18	10 19	0 49	7 45	1 59	27 15	15 28	10 12	10 31	18 28			n.a.
S 14	16 17	2s45	2 3	20 45	1 42	2 5	1 29	23 12	1 6	24 21	0 40	7 20	2 18	10 20	0 49	7 45	2 0	27 14	15 28	10 10	10 30	18 28			n.a.
S 15	15 59	6 49	0 59	20 19	1 45	2 36	1 34	23 6	1 7	24 21	0 40	7 18	2 18	10 21	0 49	7 45	2 0	27 14	15 28	10 9	10 29	18 29			n.a.
M16	15 41	10 28	0n 6	19 51	1 47	3 6	1 40	23 1	1 7	24 21	0 40	7 15	2 18	10 22	0 49	7 45	2 0	27 13	15 27	10 9	10 28	18 29			n.a.
T 17	15 23	13 38	1 10	19 21	1 49	3 36	1 45	22 55	1 7	24 21	0 40	7 12	2 17	10 23	0 49	7 44	2 0	27 12	15 27	10 9	10 27	18 29			n.a.
W18	15 5	16 10	2 10	18 49	1 49	4 7	1 51	22 49	1 8	24 22	0 40	7 10	2 17	10 24	0 49	7 44	2 0	27 11	15 27	10 9	10 25	18 30			n.a.
T 19	14 46	17 59	3 4	18 16	1 49	4 37	1 56	22 42	1 8	24 22	0 40	7 7	2 17	10 25	0 49	7 44	2 0	27 10	15 27	10 9	10 24	18 30			n.a.
F 20	14 27	19 2	3 50	17 41	1 49	5 7	2 2	22 36	1 8	24 22	0 40	7 4	2 17	10 25	0 49	7 44	2 0	27 9	15 27	10 8	10 23	18 31			n.a.
S 21	14 8	19 15	4 26	17 5	1 47	5 37	2 8	22 29	1 9	24 22	0 40	7 1	2 17	10 26	0 49	7 43	2 0	27 9	15 27	10 6	10 22	18 31			n.a.
S 22	13 48	18 35	4 51	16 27	1 46	6 6	2 13	22 23	1 9	24 22	0 40	6 59	2 17	10 27	0 49	7 43	2 0	27 8	15 27	10 3	10 21	18 31			n.a.
M23	13 28	17 3	5 3	15 49	1 43	6 36	2 19	22 16	1 10	24 22	0 40	6 56	2 17	10 28	0 49	7 43	2 0	27 7	15 27	10 0	10 20	18 32			n.a.
T 24	13 8	14 40	5 1	15 9	1 41	7 5	2 25	22 9	1 10	24 22	0 40	6 53	2 17	10 29	0 49	7 42	2 0	27 6	15 28	9 56	10 18	18 32			n.a.
W25	12 48	11 33	4 44	14 29	1 37	7 34	2 30	22 2	1 10	24 22	0 40	6 50	2 17	10 30	0 49	7 42	2 0	27 5	15 28	9 52	10 17	18 33			n.a.
T 26	12 28	7 49	4 11	13 48	1 34	8 3	2 36	21 54	1 11	24 22	0 40	6 48	2 17	10 31	0 49	7 42	2 0	27 5	15 28	9 48	10 16	18 33			n.a.
F 27	12 7	3 37	3 24	13 6	1 30	8 32	2 42	21 47	1 11	24 22	0 40	6 45	2 17	10 32	0 49	7 41	2 0	27 4	15 28	9 45	10 15	18 33			n.a.
S 28	11 47	0n49	2 25	12 24	1 25	9 1	2 47	21 39	1 11	24 22	0 40	6 42	2 17	10 33	0 49	7 41	2 0	27 3	15 28	9 43	10 14	18 34			n.a.
S 29	11 26	5 17	1 17	11 41	1 21	9 29	2 53	21 32	1 12	24 22	0 40	6 39	2 17	10 33	0 49	7 41	2 0	27 2	15 28	9 42	10 13	18 34			n.a.
M30	11 4	9 30	0 4	10 57	1 16	9 57	2 59	21 24	1 12	24 22	0 40	6 36	2 17	10 34	0 49	7 40	2 0	27 2	15 28	9 42	10 11	18 35			n.a.
T 31	10n43	13n14	1s11	10n14	1n11	10s25	3s 5	21n16	1n12	24s22	0s40	6n34	2n17	10s35	0s49	7n40	2s 1	27n 1	15n28	9s42	10s10	18s35			n.a.

Julian Day Number = 1627400.5, Delta T = 03h43m55s
Ecliptic obliquity = 23°43'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'27, Lahiri = - 7°30'27 Julian Calendar 1 Aug. 258 BCE == Greg. Calendar 28 July 258 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

SEPTEMBER 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 21 54	3♍27'21	22♉ 3	8♍29	20♎ 5	2♌ 1	2°R17	18♍57	4°R51	24°R17	27♌14	24♎46	25♎59	9♐ 1	n.a.	W 1
T 2	22 25 50	4°26'30	6♊10	10°11	21° 3	2°39	2♋16	19° 4	4♓49	24♈16	27°16	24°R47	25°56	9° 8	n.a.	T 2
F 3	22 29 47	5°25'42	20°21	11°53	22° 0	3°17	2°D16	19°11	4°46	24°15	27°19	24°46	25°52	9°14	n.a.	F 3
S 4	22 33 43	6°24'56	4♋33	13°33	22°56	3°54	2°16	19°18	4°44	24°14	27°21	24°43	25°49	9°21	n.a.	S 4
S 5	22 37 40	7°24'12	18°44	15°13	23°53	4°32	2°17	19°25	4°41	24°13	27°23	24°38	25°46	9°28	n.a.	S 5
M 6	22 41 36	8°23'31	2♌50	16°52	24°48	5° 9	2°17	19°33	4°39	24°12	27°25	24°31	25°43	9°34	n.a.	M 6
T 7	22 45 33	9°22'52	16°48	18°30	25°43	5°47	2°18	19°40	4°36	24°11	27°27	24°23	25°40	9°41	n.a.	T 7
W 8	22 49 29	10°22'15	0♍34	20° 8	26°38	6°24	2°19	19°47	4°34	24°10	27°30	24°16	25°36	9°48	n.a.	W 8
T 9	22 53 26	11°21'40	14° 4	21°45	27°32	7° 2	2°20	19°54	4°32	24° 9	27°32	24° 9	25°33	9°54	n.a.	T 9
F 10	22 57 23	12°21'08	27°15	23°21	28°25	7°39	2°21	20° 1	4°29	24° 8	27°34	24° 4	25°30	10° 1	n.a.	F 10
S 11	23 1 19	13°20'37	10♎ 7	24°56	29°18	8°17	2°23	20° 8	4°27	24° 7	27°36	24° 1	25°27	10° 8	n.a.	S 11
S 12	23 5 16	14°20'09	22°40	26°30	0♏11	8°54	2°25	20°16	4°24	24° 6	27°38	24°D 0	25°24	10°14	n.a.	S 12
M13	23 9 12	15°19'42	4♏58	28° 4	1° 2	9°31	2°27	20°23	4°22	24° 4	27°41	24° 1	25°21	10°21	n.a.	M13
T 14	23 13 9	16°19'18	17° 1	29°37	1°53	10° 9	2°29	20°30	4°20	24° 3	27°43	24° 2	25°17	10°28	n.a.	T 14
W15	23 17 5	17°18'55	28°56	1♎10	2°43	10°46	2°31	20°37	4°17	24° 2	27°45	24° 4	25°14	10°34	n.a.	W15
T 16	23 21 2	18°18'34	10♐47	2°41	3°33	11°23	2°34	20°44	4°15	24° 0	27°47	24° 5	25°11	10°41	n.a.	T 16
F 17	23 24 58	19°18'15	22°38	4°12	4°22	12° 1	2°36	20°52	4°13	23°59	27°49	24°R 6	25° 8	10°48	n.a.	F 17
S 18	23 28 55	20°17'58	4♑35	5°43	5°10	12°38	2°39	20°59	4°10	23°58	27°51	24° 5	25° 5	10°55	n.a.	S 18
S 19	23 32 51	21°17'43	16°42	7°12	5°57	13°15	2°42	21° 6	4° 8	23°56	27°54	24° 2	25° 2	11° 1	n.a.	S 19
M20	23 36 48	22°17'30	29° 5	8°41	6°43	13°53	2°46	21°13	4° 6	23°55	27°56	23°58	24°58	11° 8	n.a.	M20
T 21	23 40 45	23°17'18	11♒45	10°10	7°28	14°30	2°49	21°20	4° 4	23°54	27°58	23°53	24°55	11°15	n.a.	T 21
W22	23 44 41	24°17'09	24°45	11°38	8°13	15° 7	2°53	21°28	4° 1	23°52	28° 0	23°48	24°52	11°21	n.a.	W22
T 23	23 48 38	25°17'01	8♓ 5	13° 5	8°56	15°44	2°56	21°35	3°59	23°51	28° 2	23°44	24°49	11°28	n.a.	T 23
F 24	23 52 34	26°16'55	21°45	14°31	9°39	16°21	3° 0	21°42	3°57	23°49	28° 4	23°40	24°46	11°35	n.a.	F 24
S 25	23 56 31	27°16'51	5♈42	15°56	10°20	16°59	3° 5	21°49	3°55	23°48	28° 6	23°37	24°42	11°41	n.a.	S 25
S 26	0 0 27	28°16'49	19°51	17°21	11° 1	17°36	3° 9	21°57	3°53	23°46	28° 8	23°D36	24°39	11°48	n.a.	S 26
M27	0 4 24	29°16'49	4♉ 9	18°45	11°40	18°13	3°14	22° 4	3°50	23°45	28°10	23°37	24°36	11°55	n.a.	M27
T 28	0 8 20	0♎16'52	18°30	20° 8	12°18	18°50	3°18	22°11	3°48	23°43	28°12	23°38	24°33	12° 1	n.a.	T 28
W29	0 12 17	1°16'57	2♊52	21°31	12°55	19°27	3°23	22°18	3°46	23°42	28°14	23°39	24°30	12° 8	n.a.	W29
T 30	0 16 14	2♎17'04	17♊10	22♎52	13♏30	20♌ 4	3♋28	22♍25	3♓44	23♈40	28♌16	23♎40	24♎27	12♐15	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	10n21	16n13	2s22	9n30	1n 5	10s52	3s10	21n 7	1n13	24s22	0s40	6n31	2n17	10s36	0s49	7n40	2s 1	27n 0	15n28	9s42	10s 9	18s35		n.a.	W 1
T 2	10 0	18 15	3 24	8 45	1 0	11 20	3 16	20 59	1 13	24 22	0 40	6 28	2 17	10 37	0 49	7 39	2 1	26 59	15 28	9 42	10 8	18 36		n.a.	T 2
F 3	9 38	19 8	4 15	8 1	0 54	11 47	3 22	20 51	1 13	24 22	0 40	6 25	2 17	10 38	0 49	7 39	2 1	26 59	15 28	9 42	10 7	18 36		n.a.	F 3
S 4	9 16	18 50	4 49	7 16	0 48	12 13	3 27	20 42	1 14	24 22	0 40	6 22	2 16	10 39	0 49	7 38	2 1	26 58	15 28	9 41	10 6	18 36		n.a.	S 4
S 5	8 54	17 20	5 6	6 32	0 42	12 40	3 33	20 33	1 14	24 22	0 40	6 19	2 16	10 40	0 49	7 38	2 1	26 57	15 29	9 39	10 4	18 37		n.a.	S 5
M 6	8 31	14 49	5 5	5 47	0 35	13 6	3 39	20 24	1 14	24 22	0 40	6 16	2 16	10 41	0 49	7 38	2 1	26 57	15 29	9 37	10 3	18 37		n.a.	M 6
T 7	8 9	11 27	4 45	5 2	0 29	13 32	3 44	20 15	1 15	24 22	0 40	6 14	2 16	10 41	0 49	7 37	2 1	26 56	15 29	9 34	10 2	18 38		n.a.	T 7
W 8	7 46	7 32	4 9	4 18	0 22	13 57	3 50	20 6	1 15	24 22	0 40	6 11	2 16	10 42	0 49	7 37	2 1	26 55	15 29	9 31	10 1	18 38		n.a.	W 8
T 9	7 23	3 17	3 19	3 33	0 15	14 22	3 55	19 57	1 15	24 22	0 40	6 8	2 16	10 43	0 49	7 36	2 1	26 55	15 29	9 29	10 0	18 38		n.a.	T 9
F 10	7 0	1s 2	2 20	2 48	0 9	14 47	4 1	19 48	1 16	24 22	0 40	6 5	2 16	10 44	0 49	7 36	2 1	26 54	15 29	9 27	9 59	18 39		n.a.	F 10
S 11	6 37	5 12	1 15	2 4	0 2	15 11	4 6	19 38	1 16	24 22	0 40	6 2	2 16	10 45	0 49	7 35	2 1	26 53	15 29	9 26	9 57	18 39		n.a.	S 11
S 12	6 14	9 2	0 7	1 20	0s 5	15 35	4 11	19 29	1 16	24 22	0 40	5 59	2 16	10 46	0 49	7 35	2 1	26 53	15 30	9 25	9 56	18 39		n.a.	S 12
M13	5 51	12 24	0n59	0 36	0 12	15 58	4 17	19 19	1 17	24 22	0 40	5 56	2 16	10 47	0 49	7 34	2 1	26 52	15 30	9 25	9 55	18 40		n.a.	M13
T 14	5 28	15 10	2 2	0s 8	0 19	16 21	4 22	19 9	1 17	24 22	0 40	5 54	2 16	10 48	0 49	7 34	2 1	26 51	15 30	9 26	9 54	18 40		n.a.	T 14
W15	5 4	17 15	2 59	0 51	0 26	16 44	4 27	18 59	1 17	24 22	0 40	5 51	2 16	10 48	0 49	7 33	2 1	26 51	15 30	9 27	9 53	18 40		n.a.	W15
T 16	4 41	18 34	3 48	1 35	0 33	17 6	4 32	18 49	1 18	24 22	0 40	5 48	2 16	10 49	0 49	7 33	2 1	26 50	15 30	9 27	9 51	18 41		n.a.	T 16
F 17	4 17	19 4	4 27	2 18	0 40	17 28	4 37	18 39	1 18	24 22	0 40	5 45	2 16	10 50	0 49	7 32	2 1	26 50	15 31	9 27	9 50	18 41		n.a.	F 17
S 18	3 53	18 44	4 55	3 0	0 46	17 49	4 42	18 28	1 18	24 22	0 40	5 42	2 16	10 51	0 49	7 32	2 1	26 49	15 31	9 27	9 49	18 41		n.a.	S 18
S 19	3 29	17 32	5 10	3 42	0 53	18 9	4 47	18 18	1 19	24 22	0 40	5 39	2 16	10 52	0 49	7 31	2 1	26 48	15 31	9 26	9 48	18 42		n.a.	S 19
M20	3 6	15 31	5 11	4 24	1 0	18 30	4 51	18 7	1 19	24 22	0 40	5 36	2 16	10 53	0 49	7 31	2 1	26 48	15 31	9 24	9 47	18 42		n.a.	M20
T 21	2 42	12 42	4 58	5 6	1 7	18 49	4 56	17 57	1 19	24 22	0 40	5 34	2 17	10 53	0 49	7 30	2 1	26 47	15 32	9 23	9 46	18 42		n.a.	T 21
W22	2 18	9 13	4 29	5 47	1 14	19 8	5 0	17 46	1 20	24 22	0 40	5 31	2 17	10 54	0 49	7 29	2 1	26 47	15 32	9 21	9 44	18 42		n.a.	W22
T 23	1 54	5 10	3 44	6 27	1 20	19 27	5 5	17 35	1 20	24 22	0 40	5 28	2 17	10 55	0 49	7 29	2 2	26 46	15 32	9 19	9 43	18 43		n.a.	T 23
F 24	1 30	0 46	2 46	7 7	1 27	19 45	5 9	17 24	1 20	24 21	0 40	5 25	2 17	10 56	0 49	7 28	2 2	26 46	15 32	9 18	9 42	18 43		n.a.	F 24
S 25	1 6	3n46	1 37	7 46	1 33	20 2	5 13	17 13	1 21	24 21	0 40	5 22	2 17	10 57	0 49	7 28	2 2	26 45	15 33	9 17	9 41	18 43		n.a.	S 25
S 26	0 42	8 10	0 21	8 25	1 39	20 19	5 17	17 2	1 21	24 21	0 40	5 19	2 17	10 57	0 49	7 27	2 2	26 45	15 33	9 16	9 40	18 44		n.a.	S 26
M27	0 17	12 9	0s58	9 3	1 46	20 35	5 21	16 50	1 21	24 21	0 40	5 16	2 17	10 58	0 49	7 27	2 2	26 44	15 33	9 16	9 39	18 44		n.a.	M27
T 28	0s 7	15 25	2 13	9 41	1 52	20 51	5 24	16 39	1 22	24 21	0 40	5 14	2 17	10 59	0 49	7 26	2 2	26 44	15 34	9 17	9 37	18 44		n.a.	T 28
W29	0 31	17 43	3 20	10 18	1 57	21 5	5 28	16 27	1 22	24 21	0 40	5 11	2 17	11 0	0 49	7 25	2 2	26 44	15 34	9 17	9 36	18 45		n.a.	W29
T 30	0s55	18n53	4s14	10s54	2s 3	21s20	5s31	16n16	1n22	24s21	0s40	5n 8	2n17	11s 0	0s49	7n25	2s 2	26n43	15n34	9s18	9s35	18s45		n.a.	T 30

Julian Day Number = 1627431.5, Delta T = 03h43m54s
Ecliptic obliquity = 23°43'27, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'23, Lahiri = - 7°30'23 Julian Calendar 1 Sept. 258 BCE == Greg. Calendar 28 Aug. 258 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

OCTOBER 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 20 10	3♎17'13	1♋22	24♎12	14♏ 4	20♌41	3♑34	22♍32	3°R42	23°R39	28♌18	23°R41	24♎23	12♐21	n.a.	F 1
S 2	0 24 7	4°17'25	15°25	25°31	14°37	21°18	3°39	22°39	3♓40	23♈37	28°20	23♎41	24°20	12°28	n.a.	S 2
S 3	0 28 3	5°17'39	29°19	26°49	15° 8	21°55	3°45	22°47	3°38	23°36	28°22	23°39	24°17	12°35	n.a.	S 3
M 4	0 32 0	6°17'54	13♌ 2	28° 6	15°38	22°32	3°51	22°54	3°36	23°34	28°24	23°37	24°14	12°42	n.a.	M 4
T 5	0 35 56	7°18'12	26°34	29°21	16° 7	23° 9	3°56	23° 1	3°34	23°32	28°25	23°35	24°11	12°48	n.a.	T 5
W 6	0 39 53	8°18'32	9♍52	0♏35	16°33	23°46	4° 3	23° 8	3°33	23°31	28°27	23°33	24° 7	12°55	n.a.	W 6
T 7	0 43 49	9°18'54	22°57	1°46	16°58	24°23	4° 9	23°15	3°31	23°29	28°29	23°31	24° 4	13° 2	n.a.	T 7
F 8	0 47 46	10°19'18	5♎47	2°56	17°22	25° 0	4°15	23°22	3°29	23°27	28°31	23°30	24° 1	13° 8	n.a.	F 8
S 9	0 51 42	11°19'44	18°24	4° 4	17°43	25°37	4°22	23°29	3°27	23°26	28°33	23°D29	23°58	13°15	n.a.	S 9
S 10	0 55 39	12°20'11	0♏47	5° 9	18° 3	26°14	4°29	23°36	3°25	23°24	28°34	23°29	23°55	13°22	n.a.	S 10
M11	0 59 36	13°20'40	12°58	6°11	18°21	26°51	4°36	23°43	3°24	23°23	28°36	23°30	23°52	13°28	n.a.	M11
T 12	1 3 32	14°21'11	24°58	7°10	18°36	27°28	4°43	23°50	3°22	23°21	28°38	23°30	23°48	13°35	n.a.	T 12
W13	1 7 29	15°21'43	6♐52	8° 6	18°50	28° 4	4°50	23°57	3°20	23°19	28°40	23°31	23°45	13°42	n.a.	W13
T 14	1 11 25	16°22'17	18°42	8°58	19° 2	28°41	4°57	24° 4	3°19	23°17	28°41	23°32	23°42	13°48	n.a.	T 14
F 15	1 15 22	17°22'52	0♑33	9°45	19°11	29°18	5° 5	24°10	3°17	23°16	28°43	23°33	23°39	13°55	n.a.	F 15
S 16	1 19 18	18°23'29	12°28	10°27	19°18	29°55	5°13	24°17	3°16	23°14	28°45	23°33	23°36	14° 2	n.a.	S 16
S 17	1 23 15	19°24'07	24°33	11° 4	19°23	0♍31	5°21	24°24	3°14	23°12	28°46	23°R33	23°33	14° 8	n.a.	S 17
M18	1 27 11	20°24'46	6♒53	11°34	19°25	1° 8	5°29	24°31	3°13	23°11	28°48	23°33	23°29	14°15	n.a.	M18
T 19	1 31 8	21°25'27	19°31	11°57	19°R25	1°45	5°37	24°37	3°11	23° 9	28°49	23°33	23°26	14°22	n.a.	T 19
W20	1 35 5	22°26'08	2♓31	12°13	19°23	2°21	5°45	24°44	3°10	23° 7	28°51	23°33	23°23	14°29	n.a.	W20
T 21	1 39 1	23°26'51	15°55	12°R19	19°18	2°58	5°54	24°51	3° 9	23° 6	28°52	23°D32	23°20	14°35	n.a.	T 21
F 22	1 42 58	24°27'35	29°45	12°17	19°11	3°35	6° 2	24°57	3° 8	23° 4	28°54	23°32	23°17	14°42	n.a.	F 22
S 23	1 46 54	25°28'21	13♈57	12° 5	19° 1	4°11	6°11	25° 4	3° 6	23° 2	28°55	23°33	23°13	14°49	n.a.	S 23
S 24	1 50 51	26°29'08	28°28	11°42	18°49	4°48	6°20	25°11	3° 5	23° 0	28°57	23°R33	23°10	14°55	n.a.	S 24
M25	1 54 47	27°29'56	13♉13	11° 9	18°34	5°24	6°29	25°17	3° 4	22°59	28°58	23°32	23° 7	15° 2	n.a.	M25
T 26	1 58 44	28°30'46	28° 4	10°24	18°17	6° 1	6°38	25°23	3° 3	22°57	28°59	23°32	23° 4	15° 9	n.a.	T 26
W27	2 2 40	29°31'37	12♊53	9°30	17°57	6°37	6°47	25°30	3° 2	22°55	29° 1	23°31	23° 1	15°15	n.a.	W27
T 28	2 6 37	0♏32'30	27°33	8°26	17°36	7°13	6°56	25°36	3° 1	22°54	29° 2	23°31	22°58	15°22	n.a.	T 28
F 29	2 10 34	1°33'24	12♋ 0	7°14	17°12	7°50	7° 6	25°43	3° 0	22°52	29° 3	23°30	22°54	15°29	n.a.	F 29
S 30	2 14 30	2°34'20	26° 9	5°56	16°46	8°26	7°16	25°49	2°59	22°50	29° 5	23°D30	22°51	15°35	n.a.	S 30
S 31	2 18 27	3♏35'18	9♌58	4♏34	16♏18	9♍ 3	7♑25	25♍55	2♓58	22♈49	29♌ 6	23♎30	22♎48	15♐42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s19	18n51	4s52	11s29	2s 8	21s33	5s34	16n 4	1n23	24s21	0s40	5n 5	2n17	11s 1	0s49	7n24	2s 2	26n43	15n35	9s18	9s34	18s45		n.a.
S 2	1 43	17 39	5 12	12 3	2 13	21 46	5 37	15 52	1 23	24 20	0 40	5 2	2 17	11 2	0 48	7 24	2 2	26 42	15 35	9 18	9 33	18 45		n.a.
S 3	2 8	15 25	5 14	12 36	2 18	21 58	5 39	15 41	1 23	24 20	0 40	5 0	2 17	11 3	0 48	7 23	2 2	26 42	15 35	9 17	9 31	18 46		n.a.
M 4	2 32	12 20	4 58	13 9	2 23	22 9	5 42	15 29	1 23	24 20	0 40	4 57	2 17	11 3	0 48	7 22	2 2	26 42	15 36	9 17	9 30	18 46		n.a.
T 5	2 56	8 39	4 25	13 40	2 27	22 20	5 44	15 17	1 24	24 20	0 40	4 54	2 17	11 4	0 48	7 22	2 2	26 41	15 36	9 16	9 29	18 46		n.a.
W 6	3 20	4 35	3 39	14 10	2 31	22 29	5 46	15 5	1 24	24 20	0 40	4 51	2 17	11 5	0 48	7 21	2 2	26 41	15 36	9 15	9 28	18 46		n.a.
T 7	3 44	0 22	2 41	14 39	2 35	22 38	5 47	14 52	1 24	24 19	0 40	4 49	2 17	11 5	0 48	7 21	2 2	26 40	15 37	9 14	9 27	18 47		n.a.
F 8	4 8	3s48	1 36	15 6	2 38	22 46	5 48	14 40	1 25	24 19	0 40	4 46	2 17	11 6	0 48	7 20	2 2	26 40	15 37	9 14	9 26	18 47		n.a.
S 9	4 32	7 44	0 28	15 32	2 40	22 54	5 49	14 28	1 25	24 19	0 40	4 43	2 18	11 7	0 48	7 19	2 2	26 40	15 37	9 13	9 24	18 47		n.a.
S 10	4 56	11 15	0n40	15 56	2 42	23 0	5 50	14 15	1 25	24 19	0 40	4 40	2 18	11 7	0 48	7 19	2 2	26 40	15 38	9 14	9 23	18 47		n.a.
M11	5 20	14 14	1 46	16 19	2 44	23 5	5 50	14 3	1 26	24 19	0 40	4 38	2 18	11 8	0 48	7 18	2 2	26 39	15 38	9 14	9 22	18 48		n.a.
T 12	5 43	16 33	2 46	16 40	2 45	23 10	5 50	13 50	1 26	24 18	0 40	4 35	2 18	11 8	0 48	7 17	2 2	26 39	15 39	9 14	9 21	18 48		n.a.
W13	6 7	18 8	3 38	16 58	2 45	23 13	5 49	13 38	1 26	24 18	0 40	4 32	2 18	11 9	0 48	7 17	2 2	26 39	15 39	9 14	9 20	18 48		n.a.
T 14	6 31	18 54	4 21	17 15	2 44	23 15	5 49	13 25	1 26	24 18	0 40	4 30	2 18	11 9	0 48	7 16	2 2	26 38	15 39	9 15	9 18	18 48		n.a.
F 15	6 54	18 51	4 53	17 29	2 43	23 17	5 47	13 12	1 27	24 17	0 40	4 27	2 18	11 10	0 48	7 15	2 2	26 38	15 40	9 15	9 17	18 49		n.a.
S 16	7 18	17 57	5 12	17 40	2 41	23 17	5 45	12 59	1 27	24 17	0 40	4 24	2 18	11 11	0 48	7 15	2 2	26 38	15 40	9 15	9 16	18 49		n.a.
S 17	7 41	16 15	5 18	17 49	2 37	23 16	5 43	12 47	1 27	24 17	0 40	4 22	2 18	11 11	0 48	7 14	2 2	26 38	15 41	9 15	9 15	18 49		n.a.
M18	8 4	13 47	5 9	17 54	2 33	23 14	5 40	12 34	1 28	24 16	0 40	4 19	2 18	11 12	0 48	7 14	2 2	26 38	15 41	9 15	9 14	18 49		n.a.
T 19	8 27	10 37	4 46	17 56	2 27	23 11	5 37	12 21	1 28	24 16	0 40	4 17	2 19	11 12	0 48	7 13	2 2	26 38	15 42	9 15	9 12	18 49		n.a.
W20	8 50	6 52	4 7	17 54	2 20	23 6	5 33	12 8	1 28	24 16	0 40	4 14	2 19	11 12	0 48	7 12	2 2	26 37	15 42	9 15	9 11	18 50		n.a.
T 21	9 13	2 38	3 14	17 48	2 12	23 1	5 28	11 54	1 28	24 15	0 40	4 11	2 19	11 13	0 48	7 12	2 2	26 37	15 42	9 15	9 10	18 50		n.a.
F 22	9 35	1n51	2 8	17 38	2 2	22 54	5 23	11 41	1 29	24 15	0 40	4 9	2 19	11 13	0 48	7 11	2 2	26 37	15 43	9 15	9 9	18 50		n.a.
S 23	9 58	6 23	0 53	17 23	1 50	22 46	5 18	11 28	1 29	24 15	0 40	4 6	2 19	11 14	0 48	7 10	2 2	26 37	15 43	9 15	9 8	18 50		n.a.
S 24	10 20	10 38	0s27	17 4	1 37	22 36	5 11	11 15	1 29	24 14	0 40	4 4	2 19	11 14	0 48	7 10	2 2	26 37	15 44	9 15	9 7	18 50		n.a.
M25	10 42	14 17	1 47	16 39	1 22	22 25	5 4	11 2	1 29	24 14	0 40	4 1	2 19	11 15	0 48	7 9	2 2	26 37	15 44	9 15	9 5	18 51		n.a.
T 26	11 4	17 2	3 0	16 9	1 6	22 13	4 57	10 48	1 30	24 13	0 40	3 59	2 19	11 15	0 48	7 9	2 2	26 37	15 45	9 15	9 4	18 51		n.a.
W27	11 26	18 38	4 1	15 35	0 48	21 59	4 48	10 35	1 30	24 13	0 40	3 56	2 20	11 15	0 48	7 8	2 2	26 37	15 45	9 14	9 3	18 51		n.a.
T 28	11 48	18 57	4 45	14 56	0 29	21 45	4 39	10 21	1 30	24 12	0 40	3 54	2 20	11 16	0 48	7 7	2 2	26 37	15 46	9 14	9 2	18 51		n.a.
F 29	12 9	18 1	5 11	14 14	0 9	21 28	4 30	10 8	1 31	24 12	0 40	3 52	2 20	11 16	0 48	7 7	2 2	26 37	15 46	9 14	9 1	18 51		n.a.
S 30	12 31	15 59	5 17	13 28	0n12	21 11	4 20	9 54	1 31	24 11	0 40	3 49	2 20	11 16	0 48	7 6	2 2	26 37	15 47	9 14	8 59	18 52		n.a.
S 31	12s52	13n 4	5s 4	12s41	0n32	20s52	4s 9	9n41	1n31	24s11	0s40	3n47	2n20	11s16	0s48	7n 5	2s 2	26n37	15n47	9s14	8s58	18s52		n.a.

Julian Day Number = 1627461.5, Delta T = 03h43m53s
Ecliptic obliquity = 23°43'27, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'19, Lahiri = - 7°30'18 Julian Calendar 1 Oct. 258 BCE == Greg. Calendar 27 Sept. 258 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

NOVEMBER 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 22 23	4♏36'16	23♌29	3°R12	15°R48	9♍39	7♉35	26♍ 1	2°R57	22°R47	29♌ 7	23♎30	22♎45	15♐49	n.a.	M 1
T 2	2 26 20	5°37'16	6♍42	1♏51	15♏17	10°15	7°45	26° 7	2♓57	22♈45	29° 8	23°31	22°42	15°56	n.a.	T 2
W 3	2 30 16	6°38'18	19°39	0°35	14°44	10°51	7°55	26°13	2°56	22°44	29° 9	23°32	22°39	16° 2	n.a.	W 3
T 4	2 34 13	7°39'21	2♎21	29♎26	14°11	11°28	8° 6	26°19	2°55	22°42	29°10	23°33	22°35	16° 9	n.a.	T 4
F 5	2 38 9	8°40'24	14°51	28°25	13°36	12° 4	8°16	26°25	2°55	22°40	29°11	23°34	22°32	16°16	n.a.	F 5
S 6	2 42 6	9°41'29	27°10	27°35	13° 0	12°40	8°26	26°31	2°54	22°39	29°12	23°R34	22°29	16°22	n.a.	S 6
S 7	2 46 3	10°42'35	9♏20	26°56	12°24	13°16	8°37	26°37	2°54	22°37	29°13	23°34	22°26	16°29	n.a.	S 7
M 8	2 49 59	11°43'42	21°22	26°28	11°48	13°52	8°48	26°43	2°53	22°36	29°14	23°32	22°23	16°36	n.a.	M 8
T 9	2 53 56	12°44'50	3♐18	26°12	11°12	14°28	8°58	26°49	2°53	22°34	29°15	23°29	22°19	16°42	n.a.	T 9
W10	2 57 52	13°45'59	15°10	26°D 6	10°36	15° 4	9° 9	26°55	2°52	22°33	29°16	23°26	22°16	16°49	n.a.	W10
T 11	3 1 49	14°47'08	26°59	26°11	10° 0	15°40	9°20	27° 0	2°52	22°31	29°17	23°22	22°13	16°56	n.a.	T 11
F 12	3 5 45	15°48'18	8♑50	26°25	9°25	16°16	9°31	27° 6	2°52	22°29	29°18	23°18	22°10	17° 3	n.a.	F 12
S 13	3 9 42	16°49'28	20°45	26°48	8°51	16°52	9°43	27°11	2°52	22°28	29°19	23°15	22° 7	17° 9	n.a.	S 13
S 14	3 13 38	17°50'39	2♒47	27°19	8°18	17°28	9°54	27°17	2°51	22°26	29°20	23°13	22° 4	17°16	n.a.	S 14
M15	3 17 35	18°51'50	15° 2	27°57	7°47	18° 4	10° 5	27°22	2°51	22°25	29°20	23°D12	22° 0	17°23	n.a.	M15
T 16	3 21 32	19°53'02	27°34	28°41	7°17	18°39	10°17	27°27	2°D51	22°23	29°21	23°12	21°57	17°29	n.a.	T 16
W17	3 25 28	20°54'13	10♓27	29°31	6°49	19°15	10°28	27°33	2°51	22°22	29°22	23°14	21°54	17°36	n.a.	W17
T 18	3 29 25	21°55'25	23°44	0♏26	6°23	19°51	10°40	27°38	2°51	22°21	29°22	23°15	21°51	17°43	n.a.	T 18
F 19	3 33 21	22°56'37	7♈29	1°25	5°59	20°26	10°52	27°43	2°52	22°19	29°23	23°17	21°48	17°49	n.a.	F 19
S 20	3 37 18	23°57'50	21°42	2°27	5°37	21° 2	11° 4	27°48	2°52	22°18	29°24	23°R17	21°44	17°56	n.a.	S 20
S 21	3 41 14	24°59'02	6♉20	3°33	5°18	21°37	11°16	27°53	2°52	22°16	29°24	23°17	21°41	18° 3	n.a.	S 21
M22	3 45 11	26° 0'15	21°19	4°42	5° 1	22°13	11°28	27°58	2°52	22°15	29°25	23°15	21°38	18°10	n.a.	M22
T 23	3 49 7	27° 1'29	6♊30	5°54	4°46	22°48	11°40	28° 3	2°52	22°14	29°25	23°11	21°35	18°16	n.a.	T 23
W24	3 53 4	28° 2'43	21°44	7° 7	4°34	23°24	11°52	28° 7	2°53	22°12	29°26	23° 6	21°32	18°23	n.a.	W24
T 25	3 57 1	29° 3'57	6♋49	8°23	4°24	23°59	12° 4	28°12	2°53	22°11	29°26	23° 0	21°29	18°30	n.a.	T 25
F 26	4 0 57	0♐ 5'11	21°38	9°41	4°17	24°34	12°17	28°17	2°54	22°10	29°26	22°55	21°25	18°36	n.a.	F 26
S 27	4 4 54	1° 6'26	6♌ 2	11° 0	4°12	25°10	12°29	28°21	2°54	22° 9	29°27	22°51	21°22	18°43	n.a.	S 27
S 28	4 8 50	2° 7'42	20° 1	12°20	4°D10	25°45	12°42	28°26	2°55	22° 7	29°27	22°49	21°19	18°50	n.a.	S 28
M29	4 12 47	3° 8'57	3♍33	13°41	4°10	26°20	12°54	28°30	2°55	22° 6	29°27	22°D48	21°16	18°56	n.a.	M29
T 30	4 16 43	4♐10'13	16♍40	15♏ 4	4♏13	26♍55	13♉ 7	28♍34	2♓56	22♈ 5	29♌28	22♎48	21♎13	19♐ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s12	9n31	4s35	11s54	0n53	20s33	3s57	9n27	1n31	24s10	0s40	3n44	2n20	11s17	0s48	7n 5	2s 2	26n37	15n48	9s14	8s57	18s52		n.a.
T 2	13 33	5 34	3 52	11 8	1 12	20 12	3 45	9 13	1 32	24 9	0 40	3 42	2 20	11 17	0 48	7 4	2 2	26 37	15 48	9 14	8 56	18 52		n.a.
W 3	13 54	1 26	2 57	10 25	1 30	19 50	3 32	9 0	1 32	24 9	0 40	3 40	2 21	11 17	0 47	7 4	2 2	26 37	15 49	9 15	8 55	18 52		n.a.
T 4	14 14	2s42	1 55	9 45	1 46	19 27	3 19	8 46	1 32	24 8	0 40	3 38	2 21	11 17	0 47	7 3	2 2	26 37	15 49	9 15	8 53	18 52		n.a.
F 5	14 34	6 39	0 48	9 10	2 0	19 3	3 5	8 32	1 32	24 8	0 40	3 35	2 21	11 18	0 47	7 2	2 2	26 37	15 50	9 15	8 52	18 53		n.a.
S 6	14 53	10 17	0n20	8 41	2 12	18 39	2 51	8 18	1 33	24 7	0 40	3 33	2 21	11 18	0 47	7 2	2 2	26 37	15 50	9 16	8 51	18 53		n.a.
S 7	15 13	13 25	1 26	8 18	2 22	18 13	2 37	8 5	1 33	24 6	0 40	3 31	2 21	11 18	0 47	7 1	2 2	26 37	15 51	9 15	8 50	18 53		n.a.
M 8	15 32	15 57	2 28	8 0	2 30	17 48	2 22	7 51	1 33	24 6	0 40	3 29	2 21	11 18	0 47	7 1	2 2	26 37	15 51	9 15	8 49	18 53		n.a.
T 9	15 51	17 46	3 22	7 49	2 36	17 22	2 7	7 37	1 33	24 5	0 40	3 27	2 22	11 18	0 47	7 0	2 2	26 37	15 52	9 14	8 47	18 53		n.a.
W10	16 10	18 47	4 7	7 43	2 40	16 56	1 51	7 23	1 34	24 4	0 40	3 24	2 22	11 18	0 47	7 0	2 2	26 38	15 52	9 12	8 46	18 53		n.a.
T 11	16 28	18 59	4 42	7 43	2 42	16 30	1 36	7 9	1 34	24 3	0 40	3 22	2 22	11 18	0 47	6 59	2 2	26 38	15 53	9 11	8 45	18 53		n.a.
F 12	16 46	18 22	5 5	7 47	2 43	16 4	1 20	6 55	1 34	24 2	0 40	3 20	2 22	11 18	0 47	6 59	2 2	26 38	15 54	9 10	8 44	18 54		n.a.
S 13	17 4	16 56	5 14	7 56	2 42	15 38	1 4	6 41	1 34	24 2	0 40	3 18	2 22	11 18	0 47	6 58	2 2	26 38	15 54	9 8	8 43	18 54		n.a.
S 14	17 21	14 44	5 10	8 9	2 41	15 13	0 49	6 28	1 35	24 1	0 40	3 16	2 23	11 18	0 47	6 57	2 2	26 38	15 55	9 8	8 41	18 54		n.a.
M15	17 38	11 52	4 52	8 25	2 38	14 48	0 33	6 14	1 35	24 0	0 40	3 14	2 23	11 18	0 47	6 57	2 1	26 38	15 55	9 7	8 40	18 54		n.a.
T 16	17 55	8 24	4 20	8 44	2 35	14 23	0 18	6 0	1 35	23 59	0 40	3 12	2 23	11 18	0 47	6 56	2 1	26 39	15 56	9 7	8 39	18 54		n.a.
W17	18 12	4 27	3 34	9 6	2 30	14 0	0 3	5 46	1 35	23 58	0 40	3 10	2 23	11 18	0 47	6 56	2 1	26 39	15 56	9 8	8 38	18 54		n.a.
T 18	18 28	0 9	2 35	9 29	2 25	13 37	0n12	5 32	1 36	23 57	0 40	3 9	2 23	11 18	0 47	6 55	2 1	26 39	15 57	9 8	8 37	18 54		n.a.
F 19	18 44	4n19	1 26	9 55	2 20	13 16	0 27	5 18	1 36	23 56	0 40	3 7	2 24	11 18	0 47	6 55	2 1	26 40	15 57	9 9	8 35	18 54		n.a.
S 20	18 59	8 41	0 9	10 22	2 14	12 55	0 41	5 4	1 36	23 55	0 40	3 5	2 24	11 18	0 47	6 54	2 1	26 40	15 58	9 9	8 34	18 54		n.a.
S 21	19 14	12 41	1s11	10 51	2 8	12 35	0 54	4 50	1 36	23 54	0 40	3 3	2 24	11 18	0 47	6 54	2 1	26 40	15 59	9 9	8 33	18 55		n.a.
M22	19 29	15 56	2 27	11 21	2 1	12 17	1 8	4 36	1 36	23 53	0 40	3 1	2 24	11 18	0 47	6 53	2 1	26 40	15 59	9 8	8 32	18 55		n.a.
T 23	19 44	18 8	3 34	11 51	1 54	12 0	1 21	4 22	1 37	23 52	0 40	2 59	2 24	11 18	0 47	6 53	2 1	26 41	16 0	9 7	8 31	18 55		n.a.
W24	19 58	19 2	4 26	12 22	1 47	11 44	1 33	4 8	1 37	23 51	0 40	2 58	2 25	11 17	0 47	6 53	2 1	26 41	16 0	9 5	8 29	18 55		n.a.
T 25	20 11	18 34	4 59	12 54	1 40	11 30	1 45	3 54	1 37	23 50	0 40	2 56	2 25	11 17	0 47	6 52	2 1	26 42	16 1	9 3	8 28	18 55		n.a.
F 26	20 25	16 51	5 11	13 25	1 32	11 16	1 57	3 40	1 37	23 49	0 40	2 54	2 25	11 17	0 47	6 52	2 1	26 42	16 1	9 1	8 27	18 55		n.a.
S 27	20 38	14 5	5 3	13 58	1 25	11 4	2 8	3 26	1 37	23 48	0 40	2 53	2 25	11 17	0 47	6 51	2 1	26 42	16 2	8 59	8 26	18 55		n.a.
S 28	20 50	10 36	4 37	14 30	1 17	10 54	2 18	3 12	1 38	23 47	0 40	2 51	2 26	11 17	0 46	6 51	2 1	26 43	16 3	8 58	8 25	18 55		n.a.
M29	21 2	6 40	3 56	15 2	1 10	10 44	2 28	2 58	1 38	23 45	0 40	2 50	2 26	11 16	0 46	6 50	2 1	26 43	16 3	8 58	8 23	18 55		n.a.
T 30	21s14	2n30	3s 4	15s34	1n 2	10s36	2n37	2n44	1n38	23s44	0s40	2n48	2n26	11s16	0s46	6n50	2s 1	26n44	16n 4	8s58	8s22	18s55		n.a.

Julian Day Number = 1627492.5, Delta T = 03h43m52s
Ecliptic obliquity = 23°43'27, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'15, Lahiri = - 7°30'14 Julian Calendar 1 Nov. 258 BCE == Greg. Calendar 28 Oct. 258 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 258 BCE
geocentric

DECEMBER 258 BCE (-257) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 20 40	5♐11'29	29♍26	16♏28	4♏18	27♍30	13♑20	28♍38	2♓57	22°R 4	29♌28	22♎50	21♎10	19♐10	n.a.	W 1
T 2	4 24 37	6°12'46	11♎55	17°52	4°26	28° 5	13°33	28°43	2°58	22♈ 3	29°28	22°51	21° 6	19°17	n.a.	T 2
F 3	4 28 33	7°14'03	24°10	19°18	4°36	28°40	13°45	28°47	2°58	22° 2	29°28	22°R52	21° 3	19°23	n.a.	F 3
S 4	4 32 30	8°15'20	6♏16	20°44	4°48	29°15	13°58	28°51	2°59	22° 0	29°28	22°51	21° 0	19°30	n.a.	S 4
S 5	4 36 26	9°16'36	18°14	22°10	5° 2	29°50	14°11	28°54	3° 0	21°59	29°28	22°48	20°57	19°37	n.a.	S 5
M 6	4 40 23	10°17'53	0♐ 8	23°38	5°18	0♎25	14°24	28°58	3° 1	21°58	29°R28	22°42	20°54	19°43	n.a.	M 6
T 7	4 44 19	11°19'10	12° 0	25° 6	5°36	0°59	14°38	29° 2	3° 2	21°57	29°28	22°34	20°50	19°50	n.a.	T 7
W 8	4 48 16	12°20'26	23°51	26°34	5°57	1°34	14°51	29° 6	3° 3	21°56	29°28	22°24	20°47	19°57	n.a.	W 8
T 9	4 52 12	13°21'42	5♑42	28° 3	6°19	2° 9	15° 4	29° 9	3° 5	21°55	29°28	22°14	20°44	20° 3	n.a.	T 9
F 10	4 56 9	14°22'58	17°36	29°33	6°43	2°43	15°17	29°12	3° 6	21°55	29°28	22° 3	20°41	20°10	n.a.	F 10
S 11	5 0 6	15°24'13	29°34	1♐ 3	7° 9	3°18	15°31	29°16	3° 7	21°54	29°28	21°53	20°38	20°17	n.a.	S 11
S 12	5 4 2	16°25'27	11♒39	2°34	7°36	3°52	15°44	29°19	3° 8	21°53	29°28	21°46	20°35	20°24	n.a.	S 12
M13	5 7 59	17°26'41	23°53	4° 5	8° 5	4°26	15°58	29°22	3°10	21°52	29°28	21°40	20°31	20°30	n.a.	M13
T 14	5 11 55	18°27'54	6♓21	5°37	8°36	5° 1	16°11	29°25	3°11	21°51	29°27	21°37	20°28	20°37	n.a.	T 14
W15	5 15 52	19°29'06	19° 7	7° 9	9° 8	5°35	16°25	29°28	3°12	21°51	29°27	21°D36	20°25	20°44	n.a.	W15
T 16	5 19 48	20°30'17	2♈14	8°41	9°42	6° 9	16°38	29°31	3°14	21°50	29°27	21°37	20°22	20°50	n.a.	T 16
F 17	5 23 45	21°31'27	15°47	10°14	10°17	6°43	16°52	29°34	3°15	21°49	29°26	21°R38	20°19	20°57	n.a.	F 17
S 18	5 27 41	22°32'37	29°48	11°48	10°54	7°17	17° 6	29°37	3°17	21°48	29°26	21°37	20°16	21° 4	n.a.	S 18
S 19	5 31 38	23°33'45	14♉17	13°22	11°32	7°51	17°19	29°39	3°19	21°48	29°26	21°35	20°12	21°11	n.a.	S 19
M20	5 35 35	24°34'52	29°11	14°57	12°11	8°24	17°33	29°42	3°20	21°47	29°25	21°31	20° 9	21°17	n.a.	M20
T 21	5 39 31	25°35'59	14♊23	16°32	12°51	8°58	17°47	29°44	3°22	21°47	29°25	21°24	20° 6	21°24	n.a.	T 21
W22	5 43 28	26°37'05	29°45	18° 8	13°33	9°32	18° 1	29°46	3°24	21°46	29°24	21°14	20° 3	21°31	n.a.	W22
T 23	5 47 24	27°38'10	15♋ 3	19°44	14°15	10° 5	18°15	29°49	3°26	21°46	29°24	21° 4	20° 0	21°37	n.a.	T 23
F 24	5 51 21	28°39'14	0♌ 8	21°21	14°59	10°39	18°29	29°51	3°27	21°45	29°23	20°54	19°56	21°44	n.a.	F 24
S 25	5 55 17	29°40'17	14°49	22°59	15°44	11°12	18°43	29°53	3°29	21°45	29°23	20°45	19°53	21°51	n.a.	S 25
S 26	5 59 14	0♑41'20	29° 1	24°37	16°29	11°45	18°57	29°55	3°31	21°44	29°22	20°39	19°50	21°57	n.a.	S 26
M27	6 3 11	1°42'22	12♍43	26°15	17°16	12°19	19°11	29°56	3°33	21°44	29°21	20°35	19°47	22° 4	n.a.	M27
T 28	6 7 7	2°43'23	25°56	27°55	18° 4	12°52	19°25	29°58	3°35	21°44	29°21	20°33	19°44	22°11	n.a.	T 28
W29	6 11 4	3°44'23	8♎43	29°35	18°52	13°25	19°39	29°59	3°37	21°43	29°20	20°D33	19°41	22°18	n.a.	W29
T 30	6 15 0	4°45'22	21° 9	1♑16	19°41	13°58	19°53	0♎ 1	3°39	21°43	29°19	20°R33	19°37	22°24	n.a.	T 30
F 31	6 18 57	5♑46'21	3♏19	2♑57	20♏32	14♎31	20♑ 7	0♎ 2	3♓41	21♈43	29♌18	20♎33	19♎34	22♐31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21s25	1s40	2s 4	16s 5	0n54	10s30	2n46	2n30	1n38	23s43	0s40	2n47	2n26	11s16	0s46	6n50	2s 1	26n44	16n 4	8s59	8s21	18s55			n.a.
T 2	21 36	5 40	0 59	16 37	0 47	10 24	2 55	2 16	1 39	23 42	0 40	2 45	2 27	11 15	0 46	6 49	2 1	26 44	16 5	8 59	8 20	18 55			n.a.
F 3	21 47	9 22	0n 7	17 8	0 39	10 20	3 3	2 2	1 39	23 40	0 40	2 44	2 27	11 15	0 46	6 49	2 1	26 45	16 5	9 0	8 19	18 56			n.a.
S 4	21 57	12 38	1 12	17 39	0 31	10 17	3 11	1 49	1 39	23 39	0 40	2 43	2 27	11 15	0 46	6 49	2 1	26 45	16 6	8 59	8 17	18 56			n.a.
S 5	22 6	15 20	2 13	18 9	0 24	10 15	3 18	1 35	1 39	23 38	0 40	2 41	2 27	11 14	0 46	6 48	2 1	26 46	16 6	8 58	8 16	18 56			n.a.
M 6	22 15	17 22	3 7	18 38	0 16	10 14	3 24	1 21	1 39	23 36	0 40	2 40	2 28	11 14	0 46	6 48	2 1	26 46	16 7	8 56	8 15	18 56			n.a.
T 7	22 24	18 39	3 53	19 7	0 9	10 15	3 30	1 7	1 39	23 35	0 40	2 39	2 28	11 14	0 46	6 48	2 0	26 47	16 8	8 53	8 14	18 56			n.a.
W 8	22 33	19 6	4 29	19 35	0 2	10 16	3 36	0 53	1 40	23 33	0 41	2 37	2 28	11 13	0 46	6 47	2 0	26 48	16 8	8 49	8 13	18 56			n.a.
T 9	22 40	18 43	4 53	20 3	0s 5	10 18	3 41	0 40	1 40	23 32	0 41	2 36	2 28	11 13	0 46	6 47	2 0	26 48	16 9	8 45	8 11	18 56			n.a.
F 10	22 48	17 31	5 5	20 30	0 12	10 21	3 46	0 26	1 40	23 30	0 41	2 35	2 29	11 12	0 46	6 47	2 0	26 49	16 9	8 41	8 10	18 56			n.a.
S 11	22 55	15 33	5 3	20 56	0 19	10 25	3 51	0 12	1 40	23 29	0 41	2 34	2 29	11 12	0 46	6 46	2 0	26 49	16 10	8 38	8 9	18 56			n.a.
S 12	23 1	12 53	4 48	21 21	0 26	10 30	3 55	0s 1	1 40	23 27	0 41	2 33	2 29	11 11	0 46	6 46	2 0	26 50	16 10	8 35	8 8	18 56			n.a.
M13	23 7	9 39	4 19	21 45	0 33	10 36	3 59	0 15	1 40	23 26	0 41	2 32	2 29	11 11	0 46	6 46	2 0	26 50	16 11	8 33	8 7	18 56			n.a.
T 14	23 13	5 55	3 38	22 8	0 39	10 43	4 2	0 29	1 41	23 24	0 41	2 31	2 30	11 10	0 46	6 46	2 0	26 51	16 12	8 32	8 5	18 56			n.a.
W15	23 18	1 50	2 45	22 31	0 46	10 50	4 5	0 42	1 41	23 23	0 41	2 30	2 30	11 10	0 46	6 45	2 0	26 52	16 12	8 31	8 4	18 56			n.a.
T 16	23 23	2n27	1 42	22 52	0 52	10 58	4 8	0 56	1 41	23 21	0 41	2 29	2 30	11 9	0 46	6 45	2 0	26 52	16 13	8 31	8 3	18 56			n.a.
F 17	23 27	6 46	0 31	23 12	0 58	11 7	4 11	1 9	1 41	23 19	0 41	2 28	2 30	11 8	0 46	6 45	2 0	26 53	16 13	8 32	8 2	18 56			n.a.
S 18	23 31	10 51	0s44	23 31	1 3	11 16	4 13	1 23	1 41	23 18	0 41	2 27	2 31	11 8	0 46	6 45	2 0	26 53	16 14	8 32	8 0	18 56			n.a.
S 19	23 34	14 26	1 58	23 49	1 9	11 26	4 15	1 36	1 41	23 16	0 41	2 27	2 31	11 7	0 46	6 45	2 0	26 54	16 14	8 31	7 59	18 56			n.a.
M20	23 37	17 11	3 6	24 6	1 14	11 37	4 16	1 49	1 41	23 14	0 41	2 26	2 31	11 7	0 46	6 44	2 0	26 55	16 15	8 29	7 58	18 56			n.a.
T 21	23 39	18 47	4 3	24 21	1 19	11 48	4 17	2 3	1 42	23 12	0 41	2 25	2 31	11 6	0 46	6 44	2 0	26 55	16 15	8 26	7 57	18 56			n.a.
W22	23 41	19 1	4 42	24 35	1 24	11 59	4 18	2 16	1 42	23 10	0 41	2 24	2 32	11 5	0 46	6 44	2 0	26 56	16 16	8 23	7 56	18 56			n.a.
T 23	23 42	17 53	5 1	24 48	1 29	12 11	4 19	2 29	1 42	23 9	0 41	2 24	2 32	11 4	0 46	6 44	1 59	26 57	16 16	8 19	7 54	18 56			n.a.
F 24	23 43	15 30	4 59	24 59	1 33	12 23	4 19	2 42	1 42	23 7	0 41	2 23	2 32	11 4	0 45	6 44	1 59	26 57	16 17	8 15	7 53	18 56			n.a.
S 25	23 43	12 10	4 37	25 9	1 38	12 36	4 20	2 55	1 42	23 5	0 41	2 23	2 33	11 3	0 45	6 44	1 59	26 58	16 17	8 12	7 52	18 56			n.a.
S 26	23 43	8 14	3 58	25 18	1 41	12 49	4 20	3 8	1 42	23 3	0 41	2 22	2 33	11 2	0 45	6 44	1 59	26 59	16 18	8 9	7 51	18 56			n.a.
M27	23 43	4 0	3 7	25 25	1 45	13 2	4 20	3 21	1 42	23 1	0 41	2 22	2 33	11 2	0 45	6 44	1 59	27 0	16 18	8 8	7 50	18 56			n.a.
T 28	23 42	0s18	2 7	25 31	1 48	13 16	4 19	3 34	1 42	22 59	0 41	2 21	2 33	11 1	0 45	6 44	1 59	27 0	16 19	8 7	7 48	18 56			n.a.
W29	23 40	4 27	1 3	25 35	1 51	13 30	4 18	3 47	1 42	22 57	0 42	2 21	2 34	11 0	0 45	6 44	1 59	27 1	16 19	8 7	7 47	18 56			n.a.
T 30	23 38	8 18	0n 3	25 37	1 54	13 44	4 18	4 0	1 42	22 55	0 42	2 21	2 34	10 59	0 45	6 43	1 59	27 2	16 20	8 7	7 46	18 56			n.a.
F 31	23s36	11s43	1n 7	25s37	1s56	13s58	4n17	4s13	1n43	22s53	0s42	2n20	2n34	10s58	0s45	6n43	1s59	27n 2	16n20	8s 7	7s45	18s56			n.a.

Julian Day Number = 1627522.5, Delta T = 03h43m51s
Ecliptic obliquity = 23°43'26, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'11, Lahiri = - 7°30'10 Julian Calendar 1 Dec. 258 BCE == Greg. Calendar 27 Nov. 258 BCE

The year -257 astronomical counting style corresponds to year 258 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

JANUARY 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 22 53	6♑47'19	15♏18	4♑39	21♏22	15♎ 3	20♑21	0♎ 4	3♓44	21°R43	29°R18	20°R30	19♎31	22♐38	n.a.	S 1
S 2	6 26 50	7°48'15	27°10	6°22	22°14	15°36	20°36	0° 5	3°46	21♈42	29♌17	20♎25	19°28	22°44	n.a.	S 2
M 3	6 30 46	8°49'11	9♐ 0	8° 5	23° 6	16° 9	20°50	0° 6	3°48	21°42	29°16	20°16	19°25	22°51	n.a.	M 3
T 4	6 34 43	9°50'06	20°50	9°50	23°59	16°41	21° 4	0° 7	3°50	21°42	29°15	20° 5	19°22	22°58	n.a.	T 4
W 5	6 38 40	10°50'59	2♑42	11°35	24°53	17°13	21°18	0° 8	3°53	21°42	29°14	19°51	19°18	23° 5	n.a.	W 5
T 6	6 42 36	11°51'51	14°37	13°20	25°47	17°46	21°33	0° 9	3°55	21°D42	29°13	19°37	19°15	23°11	n.a.	T 6
F 7	6 46 33	12°52'42	26°37	15° 7	26°42	18°18	21°47	0° 9	3°57	21°42	29°12	19°22	19°12	23°18	n.a.	F 7
S 8	6 50 29	13°53'31	8♒44	16°54	27°38	18°50	22° 1	0°10	4° 0	21°42	29°11	19° 8	19° 9	23°25	n.a.	S 8
S 9	6 54 26	14°54'19	20°57	18°41	28°34	19°22	22°16	0°10	4° 2	21°42	29°10	18°56	19° 6	23°31	n.a.	S 9
M10	6 58 22	15°55'05	3♓19	20°30	29°30	19°53	22°30	0°11	4° 5	21°42	29° 9	18°48	19° 2	23°38	n.a.	M10
T 11	7 2 19	16°55'49	15°52	22°18	0♐27	20°25	22°44	0°11	4° 7	21°43	29° 8	18°42	18°59	23°45	n.a.	T 11
W12	7 6 15	17°56'32	28°40	24° 8	1°25	20°56	22°59	0°11	4°10	21°43	29° 7	18°39	18°56	23°52	n.a.	W12
T 13	7 10 12	18°57'13	11♈44	25°57	2°23	21°28	23°13	0°R11	4°13	21°43	29° 6	18°39	18°53	23°58	n.a.	T 13
F 14	7 14 9	19°57'52	25° 8	27°47	3°21	21°59	23°28	0°11	4°15	21°43	29° 4	18°39	18°50	24° 5	n.a.	F 14
S 15	7 18 5	20°58'29	8♉56	29°37	4°20	22°30	23°42	0°11	4°18	21°44	29° 3	18°38	18°47	24°12	n.a.	S 15
S 16	7 22 2	21°59'04	23° 9	1♒27	5°20	23° 1	23°56	0°10	4°21	21°44	29° 2	18°36	18°43	24°18	n.a.	S 16
M17	7 25 58	22°59'37	7♊46	3°17	6°20	23°32	24°11	0°10	4°23	21°44	29° 1	18°30	18°40	24°25	n.a.	M17
T 18	7 29 55	24° 0'08	22°42	5° 6	7°20	24° 3	24°25	0°10	4°26	21°45	29° 0	18°23	18°37	24°32	n.a.	T 18
W19	7 33 51	25° 0'38	7♋50	6°55	8°20	24°33	24°40	0° 9	4°29	21°45	28°58	18°12	18°34	24°39	n.a.	W19
T 20	7 37 48	26° 1'06	23° 2	8°43	9°21	25° 4	24°54	0° 8	4°32	21°46	28°57	18° 1	18°31	24°45	n.a.	T 20
F 21	7 41 44	27° 1'32	8♌ 4	10°29	10°22	25°34	25° 8	0° 8	4°35	21°46	28°56	17°49	18°28	24°52	n.a.	F 21
S 22	7 45 41	28° 1'56	22°49	12°14	11°24	26° 4	25°23	0° 7	4°38	21°47	28°54	17°39	18°24	24°59	n.a.	S 22
S 23	7 49 38	29° 2'18	7♍ 8	13°56	12°26	26°34	25°37	0° 6	4°40	21°47	28°53	17°32	18°21	25° 5	n.a.	S 23
M24	7 53 34	0♒ 2'39	20°59	15°36	13°28	27° 4	25°51	0° 5	4°43	21°48	28°52	17°27	18°18	25°12	n.a.	M24
T 25	7 57 31	1° 2'58	4♎19	17°12	14°31	27°33	26° 6	0° 3	4°46	21°48	28°50	17°24	18°15	25°19	n.a.	T 25
W26	8 1 27	2° 3'16	17°13	18°45	15°34	28° 3	26°20	0° 2	4°49	21°49	28°49	17°D24	18°12	25°26	n.a.	W26
T 27	8 5 24	3° 3'32	29°43	20°14	16°37	28°32	26°35	0° 1	4°52	21°50	28°47	17°R24	18° 8	25°32	n.a.	T 27
F 28	8 9 20	4° 3'47	11♏56	21°37	17°40	29° 1	26°49	29♍59	4°55	21°51	28°46	17°24	18° 5	25°39	n.a.	F 28
S 29	8 13 17	5° 4'00	23°55	22°55	18°44	29°30	27° 3	29°58	4°58	21°51	28°45	17°22	18° 2	25°46	n.a.	S 29
S 30	8 17 13	6° 4'11	5♐47	24° 7	19°48	29°59	27°18	29°56	5° 2	21°52	28°43	17°18	17°59	25°52	n.a.	S 30
M31	8 21 10	7♒ 4'21	17♐37	25♒12	20♐52	0♏27	27♑32	29♍54	5♓ 5	21♈53	28♌42	17♎11	17♎56	25♐59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s33	14s35	2n 7	25s36	1s58	14s13	4n15	4s25	1n43	22s51	0s42	2n20	2n35	10s58	0s45	6n43	1s59	27n 3	16n21	8s 6	7s43	18s56		n.a.
S 2	23 29	16 50	3 1	25 33	1 59	14 27	4 14	4 38	1 43	22 49	0 42	2 20	2 35	10 57	0 45	6 43	1 59	27 4	16 21	8 4	7 42	18 56		n.a.
M 3	23 26	18 20	3 46	25 29	2 1	14 42	4 12	4 51	1 43	22 47	0 42	2 20	2 35	10 56	0 45	6 43	1 59	27 5	16 22	8 1	7 41	18 56		n.a.
T 4	23 21	19 3	4 22	25 22	2 1	14 57	4 11	5 3	1 43	22 44	0 42	2 19	2 35	10 55	0 45	6 43	1 59	27 5	16 22	7 56	7 40	18 56		n.a.
W 5	23 16	18 55	4 46	25 14	2 2	15 11	4 9	5 16	1 43	22 42	0 42	2 19	2 36	10 54	0 45	6 44	1 59	27 6	16 23	7 51	7 39	18 56		n.a.
T 6	23 11	17 58	4 58	25 4	2 1	15 26	4 7	5 28	1 43	22 40	0 42	2 19	2 36	10 53	0 45	6 44	1 59	27 7	16 23	7 46	7 37	18 56		n.a.
F 7	23 6	16 13	4 57	24 51	2 1	15 41	4 5	5 40	1 43	22 38	0 42	2 19	2 36	10 52	0 45	6 44	1 58	27 8	16 24	7 40	7 36	18 56		n.a.
S 8	22 59	13 45	4 43	24 37	2 0	15 56	4 2	5 53	1 43	22 36	0 42	2 19	2 37	10 51	0 45	6 44	1 58	27 9	16 24	7 35	7 35	18 56		n.a.
S 9	22 53	10 40	4 15	24 21	1 58	16 11	4 0	6 5	1 43	22 33	0 42	2 19	2 37	10 50	0 45	6 44	1 58	27 9	16 24	7 30	7 34	18 55		n.a.
M10	22 46	7 4	3 35	24 3	1 56	16 25	3 57	6 17	1 43	22 31	0 42	2 20	2 37	10 49	0 45	6 44	1 58	27 10	16 25	7 27	7 33	18 55		n.a.
T 11	22 38	3 7	2 44	23 43	1 53	16 40	3 55	6 29	1 43	22 29	0 42	2 20	2 37	10 49	0 45	6 44	1 58	27 11	16 25	7 25	7 31	18 55		n.a.
W12	22 30	1n 2	1 44	23 21	1 50	16 55	3 52	6 41	1 43	22 26	0 42	2 20	2 38	10 48	0 45	6 44	1 58	27 12	16 26	7 24	7 30	18 55		n.a.
T 13	22 22	5 15	0 36	22 56	1 46	17 9	3 49	6 53	1 43	22 24	0 43	2 20	2 38	10 47	0 45	6 44	1 58	27 13	16 26	7 23	7 29	18 55		n.a.
F 14	22 13	9 19	0s34	22 30	1 41	17 23	3 46	7 4	1 43	22 22	0 43	2 20	2 38	10 46	0 45	6 45	1 58	27 13	16 27	7 23	7 28	18 55		n.a.
S 15	22 4	12 59	1 45	22 2	1 36	17 37	3 42	7 16	1 43	22 19	0 43	2 21	2 38	10 45	0 45	6 45	1 58	27 14	16 27	7 23	7 26	18 55		n.a.
S 16	21 54	16 1	2 51	21 32	1 30	17 51	3 39	7 28	1 43	22 17	0 43	2 21	2 39	10 44	0 45	6 45	1 58	27 15	16 27	7 22	7 25	18 55		n.a.
M17	21 44	18 6	3 48	21 1	1 24	18 5	3 36	7 39	1 43	22 14	0 43	2 22	2 39	10 42	0 45	6 45	1 58	27 16	16 28	7 20	7 24	18 55		n.a.
T 18	21 34	19 0	4 31	20 27	1 16	18 18	3 32	7 51	1 43	22 12	0 43	2 22	2 39	10 41	0 45	6 45	1 58	27 17	16 28	7 17	7 23	18 55		n.a.
W19	21 23	18 34	4 56	19 52	1 8	18 31	3 29	8 2	1 43	22 9	0 43	2 22	2 40	10 40	0 45	6 46	1 58	27 17	16 28	7 13	7 22	18 55		n.a.
T 20	21 12	16 49	4 59	19 15	1 0	18 44	3 25	8 13	1 43	22 7	0 43	2 23	2 40	10 39	0 45	6 46	1 58	27 18	16 29	7 9	7 20	18 55		n.a.
F 21	21 0	13 55	4 42	18 37	0 50	18 57	3 21	8 24	1 43	22 4	0 43	2 24	2 40	10 38	0 45	6 46	1 57	27 19	16 29	7 4	7 19	18 55		n.a.
S 22	20 48	10 12	4 6	17 58	0 40	19 9	3 18	8 36	1 42	22 2	0 43	2 24	2 40	10 37	0 45	6 46	1 57	27 20	16 29	7 1	7 18	18 54		n.a.
S 23	20 36	5 58	3 16	17 18	0 29	19 21	3 14	8 47	1 42	21 59	0 43	2 25	2 41	10 36	0 45	6 47	1 57	27 21	16 30	6 58	7 17	18 54		n.a.
M24	20 23	1 33	2 15	16 38	0 17	19 33	3 10	8 58	1 42	21 56	0 44	2 25	2 41	10 35	0 45	6 47	1 57	27 21	16 30	6 56	7 15	18 54		n.a.
T 25	20 10	2s47	1 9	15 57	0 5	19 44	3 6	9 8	1 42	21 54	0 44	2 26	2 41	10 34	0 45	6 47	1 57	27 22	16 30	6 55	7 14	18 54		n.a.
W26	19 56	6 51	0 1	15 15	0n 8	19 55	3 2	9 19	1 42	21 51	0 44	2 27	2 41	10 33	0 45	6 47	1 57	27 23	16 31	6 54	7 13	18 54		n.a.
T 27	19 42	10 30	1n 5	14 35	0 21	20 6	2 58	9 30	1 42	21 48	0 44	2 28	2 42	10 32	0 45	6 48	1 57	27 24	16 31	6 55	7 12	18 54		n.a.
F 28	19 28	13 36	2 6	13 54	0 35	20 16	2 54	9 40	1 42	21 46	0 44	2 29	2 42	10 30	0 44	6 48	1 57	27 25	16 31	6 54	7 11	18 54		n.a.
S 29	19 14	16 3	3 1	13 15	0 50	20 26	2 49	9 51	1 42	21 43	0 44	2 29	2 42	10 29	0 44	6 48	1 57	27 25	16 32	6 54	7 9	18 54		n.a.
S 30	18 59	17 48	3 47	12 37	1 5	20 35	2 45	10 1	1 41	21 40	0 44	2 30	2 43	10 28	0 44	6 49	1 57	27 26	16 32	6 52	7 8	18 54		n.a.
M31	18s43	18s46	4n23	12s 2	1n20	20s44	2n41	10s11	1n41	21s37	0s44	2n31	2n43	10s27	0s44	6n49	1s57	27n27	16n32	6s50	7s 7	18s53		n.a.

Julian Day Number = 1627553.5, Delta T = 03h43m50s
Ecliptic obliquity = 23°43'26, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'06, Lahiri = - 7°30'06 Julian Calendar 1 Jan. 257 BCE == Greg. Calendar 28 Dec. 258 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

FEBRUARY 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 7	8♒ 4'28	29♐27	26♒ 9	21♐57	0♏56	27♑46	29°R52	5♓ 8	21♈54	28°R40	17°R 2	17♎53	26♐ 6	n.a.	T 1
W 2	8 29 3	9° 4'34	11♑22	26°59	23° 2	1°24	28° 0	29♍50	5°11	21°55	28♌39	16♎50	17°49	26°13	n.a.	W 2
T 3	8 33 0	10° 4'38	23°23	27°41	24° 7	1°52	28°15	29°48	5°14	21°56	28°37	16°38	17°46	26°19	n.a.	T 3
F 4	8 36 56	11° 4'41	5♒32	28°14	25°12	2°20	28°29	29°46	5°17	21°57	28°36	16°25	17°43	26°26	n.a.	F 4
S 5	8 40 53	12° 4'41	17°50	28°38	26°17	2°47	28°43	29°44	5°20	21°58	28°34	16°13	17°40	26°33	n.a.	S 5
S 6	8 44 49	13° 4'39	0♓18	28°53	27°23	3°15	28°57	29°41	5°24	21°59	28°32	16° 3	17°37	26°39	n.a.	S 6
M 7	8 48 46	14° 4'35	12°55	28°R59	28°28	3°42	29°12	29°39	5°27	22° 0	28°31	15°56	17°33	26°46	n.a.	M 7
T 8	8 52 42	15° 4'29	25°44	28°56	29°34	4° 9	29°26	29°37	5°30	22° 1	28°29	15°51	17°30	26°53	n.a.	T 8
W 9	8 56 39	16° 4'20	8♈44	28°45	0♑40	4°35	29°40	29°34	5°33	22° 2	28°28	15°49	17°27	27° 0	n.a.	W 9
T 10	9 0 35	17° 4'09	21°57	28°25	1°47	5° 2	29°54	29°31	5°37	22° 3	28°26	15°D49	17°24	27° 6	n.a.	T 10
F 11	9 4 32	18° 3'56	5♉25	27°57	2°53	5°28	0♒ 8	29°28	5°40	22° 4	28°25	15°50	17°21	27°13	n.a.	F 11
S 12	9 8 29	19° 3'40	19°10	27°22	4° 0	5°54	0°22	29°26	5°43	22° 5	28°23	15°R50	17°18	27°20	n.a.	S 12
S 13	9 12 25	20° 3'23	3♊12	26°41	5° 6	6°19	0°36	29°23	5°47	22° 7	28°21	15°50	17°14	27°26	n.a.	S 13
M14	9 16 22	21° 3'02	17°31	25°55	6°13	6°45	0°50	29°20	5°50	22° 8	28°20	15°47	17°11	27°33	n.a.	M14
T 15	9 20 18	22° 2'40	2♋ 5	25° 5	7°20	7°10	1° 4	29°17	5°53	22° 9	28°18	15°42	17° 8	27°40	n.a.	T 15
W16	9 24 15	23° 2'15	16°50	24°12	8°27	7°35	1°18	29°13	5°57	22°10	28°16	15°35	17° 5	27°47	n.a.	W16
T 17	9 28 11	24° 1'47	1♌37	23°17	9°35	7°59	1°32	29°10	6° 0	22°12	28°15	15°27	17° 2	27°53	n.a.	T 17
F 18	9 32 8	25° 1'17	16°20	22°21	10°42	8°24	1°46	29° 7	6° 3	22°13	28°13	15°19	16°59	28° 0	n.a.	F 18
S 19	9 36 4	26° 0'46	0♍50	21°26	11°50	8°48	1°59	29° 4	6° 7	22°15	28°12	15°11	16°55	28° 7	n.a.	S 19
S 20	9 40 1	27° 0'11	15° 1	20°33	12°58	9°11	2°13	29° 0	6°10	22°16	28°10	15° 6	16°52	28°13	n.a.	S 20
M21	9 43 58	27°59'35	28°48	19°42	14° 5	9°35	2°27	28°57	6°14	22°17	28° 8	15° 3	16°49	28°20	n.a.	M21
T 22	9 47 54	28°58'57	12♎10	18°55	15°13	9°58	2°40	28°53	6°17	22°19	28° 7	15°D 1	16°46	28°27	n.a.	T 22
W23	9 51 51	29°58'17	25° 8	18°13	16°22	10°21	2°54	28°49	6°20	22°20	28° 5	15° 2	16°43	28°34	n.a.	W23
T 24	9 55 47	0♓57'35	7♏43	17°35	17°30	10°43	3° 8	28°46	6°24	22°22	28° 3	15° 3	16°39	28°40	n.a.	T 24
F 25	9 59 44	1°56'51	20° 0	17° 2	18°38	11° 6	3°21	28°42	6°27	22°24	28° 2	15° 4	16°36	28°47	n.a.	F 25
S 26	10 3 40	2°56'05	2♐ 3	16°35	19°47	11°27	3°35	28°38	6°31	22°25	28° 0	15°R 5	16°33	28°54	n.a.	S 26
S 27	10 7 37	3°55'18	13°58	16°14	20°55	11°49	3°48	28°34	6°34	22°27	27°58	15° 4	16°30	29° 0	n.a.	S 27
M28	10 11 33	4°54'28	25°49	15°59	22° 4	12°10	4° 1	28°30	6°37	22°28	27°57	15° 2	16°27	29° 7	n.a.	M28
T 29	10 15 30	5♓53'37	7♑42	15♒49	23♑12	12♏31	4♒15	28♍26	6♓41	22♈30	27♌55	14♎58	16♎24	29♐14	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s28	18s55	4n48	11s28	1n35	20s52	2n36	10s22	1n41	21s35	0s44	2n32	2n43	10s26	0s44	6n50	1s57	27n28	16n32	6s46	7s 6	18s53		n.a.
W 2	18 12	18 14	5 0	10 57	1 50	21 0	2 32	10 32	1 41	21 32	0 44	2 33	2 43	10 25	0 44	6 50	1 57	27 29	16 33	6 42	7 4	18 53		n.a.
T 3	17 56	16 45	5 0	10 28	2 5	21 8	2 28	10 42	1 41	21 29	0 45	2 34	2 44	10 23	0 44	6 50	1 57	27 29	16 33	6 37	7 3	18 53		n.a.
F 4	17 39	14 30	4 46	10 3	2 19	21 15	2 23	10 51	1 40	21 26	0 45	2 36	2 44	10 22	0 44	6 51	1 57	27 30	16 33	6 32	7 2	18 53		n.a.
S 5	17 22	11 35	4 18	9 42	2 33	21 22	2 19	11 1	1 40	21 23	0 45	2 37	2 44	10 21	0 44	6 51	1 56	27 31	16 33	6 27	7 1	18 53		n.a.
S 6	17 5	8 7	3 38	9 24	2 47	21 28	2 14	11 11	1 40	21 21	0 45	2 38	2 44	10 20	0 44	6 52	1 56	27 32	16 34	6 23	7 0	18 53		n.a.
M 7	16 48	4 14	2 46	9 10	2 59	21 33	2 10	11 20	1 39	21 18	0 45	2 39	2 44	10 19	0 44	6 52	1 56	27 32	16 34	6 20	6 58	18 52		n.a.
T 8	16 30	0 7	1 45	9 0	3 11	21 38	2 5	11 30	1 39	21 15	0 45	2 40	2 45	10 17	0 44	6 53	1 56	27 33	16 34	6 19	6 57	18 52		n.a.
W 9	16 12	4n 5	0 38	8 55	3 21	21 43	2 1	11 39	1 39	21 12	0 45	2 41	2 45	10 16	0 44	6 53	1 56	27 34	16 34	6 18	6 56	18 52		n.a.
T 10	15 54	8 9	0s33	8 54	3 29	21 47	1 56	11 48	1 39	21 9	0 45	2 43	2 45	10 15	0 44	6 54	1 56	27 35	16 34	6 18	6 55	18 52		n.a.
F 11	15 36	11 52	1 43	8 56	3 37	21 50	1 52	11 57	1 38	21 6	0 45	2 44	2 45	10 14	0 44	6 54	1 56	27 35	16 34	6 18	6 53	18 52		n.a.
S 12	15 17	15 1	2 49	9 3	3 42	21 53	1 47	12 6	1 38	21 3	0 46	2 45	2 46	10 12	0 44	6 55	1 56	27 36	16 35	6 18	6 52	18 52		n.a.
S 13	14 58	17 21	3 46	9 14	3 46	21 55	1 43	12 15	1 37	21 0	0 46	2 47	2 46	10 11	0 44	6 55	1 56	27 37	16 35	6 18	6 51	18 51		n.a.
M14	14 39	18 39	4 30	9 28	3 47	21 57	1 38	12 24	1 37	20 57	0 46	2 48	2 46	10 10	0 44	6 56	1 56	27 38	16 35	6 17	6 50	18 51		n.a.
T 15	14 20	18 45	4 58	9 45	3 47	21 58	1 33	12 33	1 37	20 54	0 46	2 50	2 46	10 9	0 44	6 56	1 56	27 38	16 35	6 15	6 48	18 51		n.a.
W16	14 0	17 35	5 6	10 5	3 45	21 58	1 29	12 41	1 36	20 51	0 46	2 51	2 46	10 7	0 44	6 57	1 56	27 39	16 35	6 12	6 47	18 51		n.a.
T 17	13 40	15 15	4 54	10 27	3 41	21 58	1 24	12 50	1 36	20 48	0 46	2 53	2 47	10 6	0 44	6 57	1 56	27 40	16 35	6 9	6 46	18 51		n.a.
F 18	13 20	11 57	4 23	10 51	3 35	21 58	1 20	12 58	1 35	20 45	0 46	2 54	2 47	10 5	0 44	6 58	1 56	27 40	16 35	6 6	6 45	18 51		n.a.
S 19	13 0	7 58	3 35	11 16	3 27	21 56	1 15	13 6	1 35	20 42	0 46	2 56	2 47	10 4	0 44	6 58	1 56	27 41	16 35	6 3	6 44	18 50		n.a.
S 20	12 39	3 36	2 34	11 42	3 18	21 55	1 11	13 15	1 34	20 39	0 47	2 57	2 47	10 2	0 44	6 59	1 56	27 42	16 35	6 1	6 42	18 50		n.a.
M21	12 19	0s50	1 26	12 8	3 7	21 52	1 6	13 23	1 34	20 36	0 47	2 59	2 47	10 1	0 44	7 0	1 56	27 42	16 35	6 0	6 41	18 50		n.a.
T 22	11 58	5 6	0 15	12 34	2 55	21 49	1 2	13 30	1 33	20 33	0 47	3 0	2 48	10 0	0 44	7 0	1 55	27 43	16 35	5 59	6 40	18 50		n.a.
W23	11 37	9 0	0n54	12 59	2 42	21 45	0 57	13 38	1 32	20 30	0 47	3 2	2 48	9 58	0 44	7 1	1 55	27 44	16 36	5 59	6 39	18 50		n.a.
T 24	11 16	12 22	2 0	13 24	2 28	21 41	0 53	13 46	1 32	20 27	0 47	3 4	2 48	9 57	0 44	7 1	1 55	27 44	16 36	6 0	6 37	18 49		n.a.
F 25	10 54	15 6	2 58	13 47	2 14	21 36	0 49	13 53	1 31	20 24	0 47	3 5	2 48	9 56	0 44	7 2	1 55	27 45	16 36	6 0	6 36	18 49		n.a.
S 26	10 33	17 7	3 47	14 9	1 59	21 31	0 44	14 1	1 31	20 21	0 47	3 7	2 48	9 55	0 44	7 3	1 55	27 46	16 36	6 1	6 35	18 49		n.a.
S 27	10 11	18 21	4 26	14 30	1 44	21 25	0 40	14 8	1 30	20 18	0 48	3 9	2 48	9 53	0 44	7 3	1 55	27 46	16 36	6 0	6 34	18 49		n.a.
M28	9 49	18 47	4 53	14 49	1 29	21 18	0 36	14 15	1 29	20 15	0 48	3 10	2 48	9 52	0 44	7 4	1 55	27 47	16 36	5 59	6 32	18 48		n.a.
T 29	9s27	18s23	5n 8	15s 6	1n14	21s11	0n32	14s22	1n28	20s12	0s48	3n12	2n49	9s51	0s44	7n 5	1s55	27n47	16n36	5s58	6s31	18s48		n.a.

Julian Day Number = 1627584.5, Delta T = 03h43m49s
Ecliptic obliquity = 23°43'26, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°37'02, Lahiri = - 7°30'02 Julian Calendar 1 Feb. 257 BCE == Greg. Calendar 28 Jan. 257 BCE

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

MARCH 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 19 26	6♓52'43	19♉40	15°D45	24♉21	12♏51	4♒28	28°R22	6♓44	22♈32	27°R54	14°R53	16♎20	29♐21	n.a.	W 1
T 2	10 23 23	7°51'48	1♒46	15♒47	25°30	13°11	4°41	28♍18	6°48	22°33	27♌52	14♎46	16°17	29°27	n.a.	T 2
F 3	10 27 20	8°50'51	14° 3	15°54	26°39	13°31	4°54	28°14	6°51	22°35	27°50	14°40	16°14	29°34	n.a.	F 3
S 4	10 31 16	9°49'51	26°33	16° 6	27°48	13°50	5° 8	28°10	6°55	22°37	27°49	14°33	16°11	29°41	n.a.	S 4
S 5	10 35 13	10°48'50	9♓17	16°23	28°58	14° 9	5°21	28° 6	6°58	22°39	27°47	14°28	16° 8	29°47	n.a.	S 5
M 6	10 39 9	11°47'46	22°13	16°46	0♒ 7	14°27	5°34	28° 2	7° 1	22°40	27°46	14°25	16° 5	29°54	n.a.	M 6
T 7	10 43 6	12°46'41	5♈23	17°13	1°16	14°45	5°47	27°57	7° 5	22°42	27°44	14°23	16° 1	0♉ 1	n.a.	T 7
W 8	10 47 2	13°45'33	18°45	17°44	2°26	15° 2	5°59	27°53	7° 8	22°44	27°42	14°D23	15°58	0° 8	n.a.	W 8
T 9	10 50 59	14°44'22	2♉19	18°19	3°35	15°19	6°12	27°49	7°12	22°46	27°41	14°24	15°55	0°14	n.a.	T 9
F 10	10 54 55	15°43'10	16° 4	18°58	4°45	15°36	6°25	27°44	7°15	22°48	27°39	14°25	15°52	0°21	n.a.	F 10
S 11	10 58 52	16°41'55	29°59	19°41	5°54	15°52	6°38	27°40	7°18	22°50	27°38	14°27	15°49	0°28	n.a.	S 11
S 12	11 2 49	17°40'38	14♊ 3	20°28	7° 4	16° 8	6°50	27°35	7°22	22°52	27°36	14°R27	15°45	0°34	n.a.	S 12
M13	11 6 45	18°39'18	28°15	21°18	8°14	16°23	7° 3	27°31	7°25	22°53	27°35	14°27	15°42	0°41	n.a.	M13
T 14	11 10 42	19°37'56	12♋32	22°11	9°24	16°37	7°15	27°26	7°29	22°55	27°33	14°26	15°39	0°48	n.a.	T 14
W15	11 14 38	20°36'32	26°53	23° 7	10°34	16°52	7°28	27°22	7°32	22°57	27°32	14°23	15°36	0°55	n.a.	W15
T 16	11 18 35	21°35'05	11♌13	24° 7	11°43	17° 5	7°40	27°17	7°35	22°59	27°30	14°20	15°33	1° 1	n.a.	T 16
F 17	11 22 31	22°33'36	25°27	25° 8	12°54	17°18	7°52	27°13	7°39	23° 1	27°29	14°17	15°30	1° 8	n.a.	F 17
S 18	11 26 28	23°32'05	9♍31	26°13	14° 4	17°31	8° 4	27° 8	7°42	23° 3	27°27	14°14	15°26	1°15	n.a.	S 18
S 19	11 30 24	24°30'32	23°20	27°20	15°14	17°43	8°16	27° 4	7°45	23° 5	27°26	14°12	15°23	1°21	n.a.	S 19
M20	11 34 21	25°28'57	6♎52	28°30	16°24	17°54	8°28	26°59	7°49	23° 7	27°24	14°11	15°20	1°28	n.a.	M20
T 21	11 38 17	26°27'20	20° 4	29°42	17°34	18° 5	8°40	26°55	7°52	23° 9	27°23	14°D11	15°17	1°35	n.a.	T 21
W22	11 42 14	27°25'41	2♏56	0♓57	18°44	18°15	8°52	26°50	7°55	23°11	27°22	14°12	15°14	1°42	n.a.	W22
T 23	11 46 11	28°24'00	15°31	2°13	19°55	18°25	9° 4	26°46	7°58	23°14	27°20	14°13	15°10	1°48	n.a.	T 23
F 24	11 50 7	29°22'18	27°49	3°32	21° 5	18°34	9°15	26°41	8° 2	23°16	27°19	14°15	15° 7	1°55	n.a.	F 24
S 25	11 54 4	0♈20'34	9♐54	4°53	22°16	18°42	9°27	26°37	8° 5	23°18	27°18	14°16	15° 4	2° 2	n.a.	S 25
S 26	11 58 0	1°18'48	21°52	6°16	23°26	18°50	9°39	26°32	8° 8	23°20	27°16	14°17	15° 1	2° 9	n.a.	S 26
M27	12 1 57	2°17'01	3♑45	7°41	24°37	18°57	9°50	26°28	8°11	23°22	27°15	14°R17	14°58	2°15	n.a.	M27
T 28	12 5 53	3°15'12	15°39	9° 8	25°47	19° 4	10° 1	26°23	8°15	23°24	27°14	14°16	14°55	2°22	n.a.	T 28
W29	12 9 50	4°13'21	27°38	10°37	26°58	19°10	10°13	26°19	8°18	23°26	27°13	14°16	14°51	2°29	n.a.	W29
T 30	12 13 46	5°11'29	9♒47	12° 8	28° 9	19°15	10°24	26°14	8°21	23°28	27°11	14°15	14°48	2°35	n.a.	T 30
F 31	12 17 43	6♈ 9'36	22♒ 9	13♓41	29♒20	19♏19	10♒35	26♍10	8♓24	23♈30	27♌10	14♎13	14♎45	2♑42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	9s 5	17s10	5n 9	15s22	0n59	21s 3	0n27	14s29	1n28	20s 9	0s48	3n14	2n49	9s49	0s44	7n 5	1s55	27n48	16n36	5s56	6s30	18s48			n.a.
T 2	8 43	15 11	4 57	15 35	0 45	20 55	0 23	14 36	1 27	20 6	0 48	3 16	2 49	9 48	0 44	7 6	1 55	27 48	16 35	5 53	6 29	18 48			n.a.
F 3	8 21	12 29	4 31	15 47	0 30	20 46	0 19	14 43	1 26	20 3	0 48	3 17	2 49	9 47	0 44	7 7	1 55	27 49	16 35	5 51	6 27	18 48			n.a.
S 4	7 58	9 11	3 51	15 56	0 16	20 36	0 15	14 50	1 25	20 0	0 49	3 19	2 49	9 46	0 44	7 7	1 55	27 50	16 35	5 48	6 26	18 47			n.a.
S 5	7 36	5 25	3 0	16 4	0 3	20 26	0 11	14 56	1 24	19 57	0 49	3 21	2 49	9 44	0 44	7 8	1 55	27 50	16 35	5 46	6 25	18 47			n.a.
M 6	7 13	1 19	1 58	16 10	0s10	20 15	0 7	15 2	1 23	19 54	0 49	3 23	2 49	9 43	0 44	7 9	1 55	27 51	16 35	5 45	6 24	18 47			n.a.
T 7	6 50	2n55	0 49	16 13	0 23	20 4	0 3	15 9	1 22	19 51	0 49	3 25	2 49	9 42	0 44	7 10	1 55	27 51	16 35	5 44	6 23	18 47			n.a.
W 8	6 28	7 4	0s24	16 15	0 35	19 52	0s 1	15 15	1 21	19 47	0 49	3 26	2 50	9 40	0 44	7 10	1 55	27 52	16 35	5 44	6 21	18 46			n.a.
T 9	6 5	10 55	1 37	16 15	0 46	19 39	0 5	15 21	1 20	19 44	0 49	3 28	2 50	9 39	0 44	7 11	1 55	27 52	16 35	5 44	6 20	18 46			n.a.
F 10	5 42	14 13	2 45	16 13	0 57	19 26	0 8	15 26	1 19	19 41	0 50	3 30	2 50	9 38	0 44	7 12	1 55	27 53	16 35	5 45	6 19	18 46			n.a.
S 11	5 19	16 44	3 44	16 9	1 8	19 13	0 12	15 32	1 18	19 38	0 50	3 32	2 50	9 37	0 44	7 13	1 55	27 53	16 35	5 46	6 18	18 46			n.a.
S 12	4 56	18 16	4 31	16 4	1 18	18 59	0 16	15 38	1 17	19 35	0 50	3 34	2 50	9 35	0 44	7 13	1 55	27 53	16 35	5 46	6 16	18 45			n.a.
M13	4 32	18 41	5 2	15 56	1 27	18 44	0 19	15 43	1 16	19 32	0 50	3 36	2 50	9 34	0 44	7 14	1 55	27 54	16 34	5 46	6 15	18 45			n.a.
T 14	4 9	17 55	5 14	15 47	1 36	18 29	0 23	15 49	1 15	19 29	0 50	3 37	2 50	9 33	0 44	7 15	1 54	27 54	16 34	5 45	6 14	18 45			n.a.
W15	3 46	16 1	5 7	15 36	1 44	18 13	0 26	15 54	1 14	19 26	0 50	3 39	2 50	9 32	0 44	7 16	1 54	27 55	16 34	5 44	6 13	18 45			n.a.
T 16	3 23	13 8	4 40	15 23	1 51	17 57	0 30	15 59	1 12	19 23	0 51	3 41	2 50	9 30	0 44	7 16	1 54	27 55	16 34	5 43	6 11	18 44			n.a.
F 17	2 59	9 28	3 57	15 9	1 58	17 40	0 33	16 4	1 11	19 20	0 51	3 43	2 50	9 29	0 44	7 17	1 54	27 55	16 34	5 42	6 10	18 44			n.a.
S 18	2 36	5 20	3 0	14 52	2 4	17 23	0 36	16 9	1 10	19 17	0 51	3 45	2 50	9 28	0 44	7 18	1 54	27 56	16 34	5 41	6 9	18 44			n.a.
S 19	2 12	0 58	1 52	14 34	2 10	17 5	0 40	16 14	1 8	19 14	0 51	3 47	2 50	9 27	0 44	7 19	1 54	27 56	16 33	5 40	6 8	18 43			n.a.
M20	1 49	3s22	0 40	14 15	2 15	16 47	0 43	16 18	1 7	19 11	0 51	3 49	2 50	9 25	0 44	7 19	1 54	27 56	16 33	5 40	6 6	18 43			n.a.
T 21	1 26	7 26	0n32	13 53	2 20	16 29	0 46	16 23	1 5	19 8	0 52	3 50	2 50	9 24	0 44	7 20	1 54	27 57	16 33	5 40	6 5	18 43			n.a.
W22	1 2	11 3	1 42	13 30	2 24	16 10	0 49	16 27	1 4	19 5	0 52	3 52	2 50	9 23	0 44	7 21	1 54	27 57	16 33	5 40	6 4	18 43			n.a.
T 23	0 39	14 3	2 45	13 6	2 27	15 50	0 52	16 31	1 2	19 2	0 52	3 54	2 50	9 22	0 44	7 22	1 54	27 57	16 33	5 40	6 3	18 42			n.a.
F 24	0 15	16 22	3 38	12 40	2 30	15 30	0 55	16 35	1 0	18 59	0 52	3 56	2 50	9 20	0 44	7 23	1 54	27 58	16 32	5 41	6 1	18 42			n.a.
S 25	0n 8	17 53	4 21	12 12	2 33	15 10	0 57	16 39	0 59	18 56	0 52	3 58	2 50	9 19	0 44	7 23	1 54	27 58	16 32	5 41	6 0	18 42			n.a.
S 26	0 32	18 36	4 53	11 42	2 34	14 49	1 0	16 43	0 57	18 53	0 52	4 0	2 50	9 18	0 44	7 24	1 54	27 58	16 32	5 42	5 59	18 41			n.a.
M27	0 55	18 29	5 11	11 11	2 36	14 27	1 3	16 47	0 55	18 50	0 53	4 1	2 50	9 17	0 44	7 25	1 54	27 58	16 32	5 42	5 58	18 41			n.a.
T 28	1 19	17 33	5 16	10 39	2 36	14 6	1 5	16 50	0 53	18 48	0 53	4 3	2 50	9 16	0 44	7 26	1 54	27 59	16 31	5 42	5 57	18 41			n.a.
W29	1 42	15 51	5 8	10 5	2 36	13 44	1 8	16 54	0 51	18 45	0 53	4 5	2 50	9 14	0 44	7 27	1 54	27 59	16 31	5 41	5 55	18 40			n.a.
T 30	2 5	13 25	4 46	9 29	2 36	13 21	1 10	16 57	0 50	18 42	0 53	4 7	2 50	9 13	0 44	7 28	1 54	27 59	16 31	5 41	5 54	18 40			n.a.
F 31	2n28	10s21	4n10	8s52	2s35	12s58	1s13	17s 0	0n48	18s39	0s54	4n 8	2n50	9s12	0s44	7n28	1s54	27n59	16n30	5s40	5s53	18s40			n.a.

Julian Day Number = 1627613.5, Delta T = 03h43m48s
Ecliptic obliquity = 23°43'26, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'58, Lahiri = - 7°29'58 Julian Calendar 1 March 257 BCE == Greg. Calendar 26 Feb. 257 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

APRIL 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 21 40	7♈ 7'40	4♓48	15♓15	0♓30	19♏23	10♒46	26°R 5	8♓27	23♈33	27°R 9	14°R12	14♎42	2♑49	n.a.	S 1
S 2	12 25 36	8° 5'43	17°43	16°52	1°41	19°26	10°56	26♍ 1	8°30	23°35	27♌ 8	14♎12	14°39	2°56	n.a.	S 2
M 3	12 29 33	9° 3'45	0♈58	18°31	2°52	19°28	11° 7	25°56	8°33	23°37	27° 7	14°11	14°36	3° 2	n.a.	M 3
T 4	12 33 29	10° 1'44	14°30	20°11	4° 3	19°30	11°18	25°52	8°36	23°39	27° 6	14°D11	14°32	3° 9	n.a.	T 4
W 5	12 37 26	10°59'42	28°17	21°53	5°14	19°31	11°28	25°48	8°39	23°41	27° 5	14°11	14°29	3°16	n.a.	W 5
T 6	12 41 22	11°57'39	12♉18	23°38	6°25	19°R31	11°39	25°44	8°42	23°44	27° 3	14°11	14°26	3°22	n.a.	T 6
F 7	12 45 19	12°55'33	26°28	25°24	7°36	19°30	11°49	25°39	8°45	23°46	27° 2	14°12	14°23	3°29	n.a.	F 7
S 8	12 49 15	13°53'26	10♊44	27°12	8°47	19°29	11°59	25°35	8°48	23°48	27° 1	14°R12	14°20	3°36	n.a.	S 8
S 9	12 53 12	14°51'17	25° 2	29° 2	9°58	19°26	12° 9	25°31	8°51	23°50	27° 0	14°12	14°16	3°43	n.a.	S 9
M10	12 57 8	15°49'06	9♋19	0♈53	11° 9	19°24	12°19	25°27	8°54	23°53	26°59	14°D12	14°13	3°49	n.a.	M10
T 11	13 1 5	16°46'53	23°32	2°47	12°20	19°20	12°29	25°23	8°57	23°55	26°59	14°12	14°10	3°56	n.a.	T 11
W12	13 5 2	17°44'38	7♌38	4°43	13°32	19°16	12°39	25°19	9° 0	23°57	26°58	14°12	14° 7	4° 3	n.a.	W12
T 13	13 8 58	18°42'22	21°36	6°40	14°43	19°10	12°49	25°15	9° 3	23°59	26°57	14°12	14° 4	4° 9	n.a.	T 13
F 14	13 12 55	19°40'03	5♍23	8°39	15°54	19° 4	12°58	25°11	9° 5	24° 1	26°56	14°13	14° 1	4°16	n.a.	F 14
S 15	13 16 51	20°37'43	18°59	10°40	17° 5	18°58	13° 8	25° 7	9° 8	24° 4	26°55	14°13	13°57	4°23	n.a.	S 15
S 16	13 20 48	21°35'21	2♎22	12°43	18°17	18°50	13°17	25° 3	9°11	24° 6	26°54	14°14	13°54	4°30	n.a.	S 16
M17	13 24 44	22°32'58	15°31	14°47	19°28	18°42	13°26	24°59	9°14	24° 8	26°54	14°R14	13°51	4°36	n.a.	M17
T 18	13 28 41	23°30'34	28°25	16°53	20°40	18°34	13°35	24°56	9°16	24°10	26°53	14°13	13°48	4°43	n.a.	T 18
W19	13 32 37	24°28'08	11♏ 6	19° 0	21°51	18°24	13°44	24°52	9°19	24°13	26°52	14°13	13°45	4°50	n.a.	W19
T 20	13 36 34	25°25'41	23°32	21° 9	23° 2	18°14	13°53	24°48	9°22	24°15	26°51	14°11	13°41	4°57	n.a.	T 20
F 21	13 40 31	26°23'12	5♐47	23°18	24°14	18° 3	14° 1	24°45	9°24	24°17	26°51	14°10	13°38	5° 3	n.a.	F 21
S 22	13 44 27	27°20'43	17°51	25°29	25°25	17°51	14°10	24°41	9°27	24°19	26°50	14° 8	13°35	5°10	n.a.	S 22
S 23	13 48 24	28°18'13	29°48	27°40	26°37	17°39	14°18	24°38	9°29	24°22	26°50	14° 6	13°32	5°17	n.a.	S 23
M24	13 52 20	29°15'41	11♑41	29°51	27°49	17°26	14°27	24°35	9°32	24°24	26°49	14° 5	13°29	5°23	n.a.	M24
T 25	13 56 17	0♉13'09	23°35	2♉ 3	29° 0	17°12	14°35	24°31	9°34	24°26	26°48	14° 4	13°26	5°30	n.a.	T 25
W26	14 0 13	1°10'36	5♒34	4°14	0♈12	16°58	14°43	24°28	9°37	24°28	26°48	14°D 4	13°22	5°37	n.a.	W26
T 27	14 4 10	2° 8'02	17°43	6°25	1°24	16°43	14°51	24°25	9°39	24°31	26°47	14° 5	13°19	5°44	n.a.	T 27
F 28	14 8 6	3° 5'27	0♓ 5	8°35	2°35	16°28	14°58	24°22	9°41	24°33	26°47	14° 6	13°16	5°50	n.a.	F 28
S 29	14 12 3	4° 2'51	12°46	10°45	3°47	16°12	15° 6	24°19	9°44	24°35	26°47	14° 7	13°13	5°57	n.a.	S 29
S 30	14 16 0	5♉ 0'14	25♓47	12♉53	4♈59	15♏55	15♒13	24♍16	9♓46	24♈37	26♌46	14♎ 9	13♎10	6♑ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n52	6s45	3n21	8s13	2s33	12s35	1s15	17s 3	0n45	18s36	0s54	4n10	2n50	9s11	0s44	7n29	1s54	27n59	16n30	5s40	5s52	18s40		n.a.
S 2	3 15	2 44	2 21	7 33	2 31	12 12	1 17	17 6	0 43	18 33	0 54	4 12	2 50	9 10	0 44	7 30	1 54	28 0	16 30	5 40	5 50	18 39		n.a.
M 3	3 38	1n30	1 13	6 52	2 28	11 48	1 19	17 9	0 41	18 31	0 54	4 14	2 50	9 9	0 44	7 31	1 54	28 0	16 30	5 40	5 49	18 39		n.a.
T 4	4 1	5 45	0s 2	6 9	2 25	11 24	1 21	17 11	0 39	18 28	0 54	4 15	2 50	9 8	0 44	7 32	1 54	28 0	16 29	5 40	5 48	18 39		n.a.
W 5	4 24	9 47	1 17	5 24	2 21	10 59	1 23	17 14	0 37	18 25	0 55	4 17	2 50	9 6	0 44	7 32	1 54	28 0	16 29	5 40	5 47	18 38		n.a.
T 6	4 47	13 20	2 30	4 39	2 17	10 34	1 25	17 16	0 34	18 22	0 55	4 19	2 50	9 5	0 44	7 33	1 54	28 0	16 29	5 40	5 45	18 38		n.a.
F 7	5 10	16 8	3 34	3 52	2 12	10 9	1 27	17 18	0 32	18 20	0 55	4 20	2 50	9 4	0 44	7 34	1 54	28 0	16 28	5 40	5 44	18 38		n.a.
S 8	5 33	17 57	4 25	3 3	2 6	9 44	1 28	17 20	0 29	18 17	0 55	4 22	2 50	9 3	0 44	7 35	1 54	28 0	16 28	5 40	5 43	18 37		n.a.
S 9	5 55	18 38	5 0	2 13	2 0	9 18	1 30	17 22	0 27	18 14	0 55	4 23	2 50	9 2	0 45	7 36	1 54	28 0	16 28	5 40	5 42	18 37		n.a.
M10	6 18	18 8	5 16	1 23	1 54	8 52	1 31	17 24	0 24	18 12	0 56	4 25	2 49	9 1	0 45	7 37	1 54	28 0	16 27	5 40	5 40	18 37		n.a.
T 11	6 40	16 30	5 13	0 30	1 47	8 26	1 33	17 25	0 22	18 9	0 56	4 27	2 49	9 0	0 45	7 37	1 54	28 0	16 27	5 40	5 39	18 36		n.a.
W12	7 3	13 53	4 51	0n23	1 39	8 0	1 34	17 27	0 19	18 7	0 56	4 28	2 49	8 59	0 45	7 38	1 54	28 0	16 27	5 40	5 38	18 36		n.a.
T 13	7 25	10 30	4 12	1 17	1 31	7 33	1 35	17 28	0 16	18 4	0 56	4 30	2 49	8 58	0 45	7 39	1 54	28 0	16 26	5 40	5 37	18 35		n.a.
F 14	7 47	6 34	3 19	2 12	1 23	7 6	1 37	17 29	0 13	18 2	0 57	4 31	2 49	8 57	0 45	7 40	1 54	28 0	16 26	5 40	5 35	18 35		n.a.
S 15	8 9	2 20	2 15	3 8	1 14	6 39	1 38	17 30	0 10	17 59	0 57	4 33	2 49	8 56	0 45	7 41	1 54	28 0	16 25	5 40	5 34	18 35		n.a.
S 16	8 31	1s57	1 5	4 5	1 5	6 12	1 39	17 31	0 7	17 57	0 57	4 34	2 49	8 55	0 45	7 42	1 54	28 0	16 25	5 40	5 33	18 34		n.a.
M17	8 53	6 4	0n 7	5 3	0 55	5 45	1 40	17 31	0 5	17 54	0 57	4 35	2 49	8 54	0 45	7 43	1 54	28 0	16 25	5 41	5 32	18 34		n.a.
T 18	9 14	9 50	1 18	6 1	0 45	5 17	1 41	17 32	0 1	17 52	0 58	4 37	2 49	8 53	0 45	7 43	1 54	28 0	16 24	5 40	5 30	18 34		n.a.
W19	9 36	13 4	2 23	6 59	0 35	4 49	1 41	17 32	0s 2	17 49	0 58	4 38	2 48	8 52	0 45	7 44	1 54	28 0	16 24	5 40	5 29	18 33		n.a.
T 20	9 57	15 38	3 21	7 58	0 25	4 21	1 42	17 32	0 5	17 47	0 58	4 39	2 48	8 51	0 45	7 45	1 54	28 0	16 23	5 40	5 28	18 33		n.a.
F 21	10 18	17 27	4 8	8 56	0 14	3 53	1 43	17 32	0 8	17 45	0 58	4 41	2 48	8 50	0 45	7 46	1 54	27 59	16 23	5 39	5 27	18 33		n.a.
S 22	10 39	18 27	4 43	9 54	0 4	3 25	1 43	17 32	0 11	17 43	0 59	4 42	2 48	8 49	0 45	7 47	1 54	27 59	16 23	5 38	5 25	18 32		n.a.
S 23	11 0	18 37	5 6	10 52	0n 7	2 57	1 44	17 32	0 15	17 40	0 59	4 43	2 48	8 48	0 45	7 48	1 54	27 59	16 22	5 38	5 24	18 32		n.a.
M24	11 21	17 58	5 15	11 49	0 17	2 28	1 44	17 31	0 18	17 38	0 59	4 44	2 48	8 47	0 45	7 48	1 54	27 59	16 22	5 37	5 23	18 31		n.a.
T 25	11 41	16 31	5 11	12 45	0 28	2 0	1 44	17 31	0 21	17 36	0 59	4 46	2 48	8 46	0 45	7 49	1 54	27 59	16 21	5 37	5 22	18 31		n.a.
W26	12 1	14 21	4 54	13 40	0 38	1 31	1 45	17 30	0 25	17 34	1 0	4 47	2 47	8 45	0 45	7 50	1 54	27 59	16 21	5 37	5 20	18 31		n.a.
T 27	12 21	11 32	4 23	14 34	0 48	1 2	1 45	17 29	0 28	17 32	1 0	4 48	2 47	8 44	0 45	7 51	1 54	27 58	16 20	5 37	5 19	18 30		n.a.
F 28	12 41	8 9	3 40	15 26	0 57	0 33	1 45	17 28	0 32	17 30	1 0	4 49	2 47	8 43	0 45	7 52	1 54	27 58	16 20	5 37	5 18	18 30		n.a.
S 29	13 1	4 19	2 45	16 17	1 7	0 5	1 45	17 27	0 35	17 28	1 0	4 50	2 47	8 42	0 45	7 52	1 54	27 58	16 20	5 38	5 17	18 29		n.a.
S 30	13n21	0s10	1n40	17n 5	1n15	0n24	1s45	17s25	0s39	17s26	1s 1	4n51	2n47	8s42	0s45	7n53	1s54	27n58	16n19	5s39	5s15	18s29		n.a.

Julian Day Number = 1627644.5, Delta T = 03h43m47s
Ecliptic obliquity = 23°43'27, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'54, Lahiri = - 7°29'54 Julian Calendar 1 Apr. 257 BCE == Greg. Calendar 28 March 257 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

MAY 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 19 56	5♉57'37	9♈12	14♉59	6♈11	15°R38	15♒21	24°R13	9♓48	24♈40	26°R46	14°R 9	13♎ 7	6♑10	n.a.	M 1
T 2	14 23 53	6°54'58	23° 0	17° 4	7°22	15♏21	15°28	24♍10	9°50	24°42	26♌46	14♎ 9	13° 3	6°17	n.a.	T 2
W 3	14 27 49	7°52'19	7♉ 9	19° 8	8°34	15° 3	15°35	24° 8	9°53	24°44	26°45	14° 8	13° 0	6°24	n.a.	W 3
T 4	14 31 46	8°49'39	21°36	21° 9	9°46	14°45	15°42	24° 5	9°55	24°46	26°45	14° 6	12°57	6°31	n.a.	T 4
F 5	14 35 42	9°46'58	6♊14	23° 8	10°58	14°27	15°48	24° 3	9°57	24°48	26°45	14° 2	12°54	6°37	n.a.	F 5
S 6	14 39 39	10°44'16	20°56	25° 5	12°10	14° 8	15°55	24° 0	9°59	24°51	26°45	13°59	12°51	6°44	n.a.	S 6
S 7	14 43 35	11°41'33	5♋36	27° 0	13°22	13°49	16° 1	23°58	10° 1	24°53	26°44	13°55	12°47	6°51	n.a.	S 7
M 8	14 47 32	12°38'49	20° 7	28°52	14°34	13°30	16° 7	23°56	10° 3	24°55	26°44	13°53	12°44	6°58	n.a.	M 8
T 9	14 51 29	13°36'04	4♌26	0♊42	15°46	13°11	16°13	23°53	10° 5	24°57	26°44	13°51	12°41	7° 4	n.a.	T 9
W10	14 55 25	14°33'18	18°28	2°29	16°58	12°51	16°19	23°51	10° 7	24°59	26°44	13°D51	12°38	7°11	n.a.	W10
T 11	14 59 22	15°30'31	2♍14	4°14	18°10	12°32	16°25	23°49	10° 9	25° 1	26°D44	13°52	12°35	7°18	n.a.	T 11
F 12	15 3 18	16°27'42	15°44	5°56	19°22	12°13	16°31	23°48	10°10	25° 4	26°44	13°53	12°32	7°24	n.a.	F 12
S 13	15 7 15	17°24'53	28°58	7°36	20°34	11°53	16°36	23°46	10°12	25° 6	26°44	13°55	12°28	7°31	n.a.	S 13
S 14	15 11 11	18°22'03	11♎58	9°13	21°46	11°34	16°41	23°44	10°14	25° 8	26°44	13°R55	12°25	7°38	n.a.	S 14
M15	15 15 8	19°19'13	24°45	10°48	22°59	11°15	16°46	23°42	10°16	25°10	26°44	13°55	12°22	7°45	n.a.	M15
T 16	15 19 4	20°16'22	7♏21	12°20	24°11	10°56	16°51	23°41	10°17	25°12	26°44	13°53	12°19	7°51	n.a.	T 16
W17	15 23 1	21°13'30	19°46	13°49	25°23	10°38	16°56	23°39	10°19	25°14	26°45	13°49	12°16	7°58	n.a.	W17
T 18	15 26 58	22°10'38	2♐ 1	15°16	26°35	10°19	17° 1	23°38	10°20	25°16	26°45	13°43	12°13	8° 5	n.a.	T 18
F 19	15 30 54	23° 7'45	14° 8	16°40	27°47	10° 1	17° 5	23°37	10°22	25°18	26°45	13°37	12° 9	8°12	n.a.	F 19
S 20	15 34 51	24° 4'52	26° 8	18° 1	29° 0	9°43	17° 9	23°36	10°23	25°20	26°45	13°29	12° 6	8°18	n.a.	S 20
S 21	15 38 47	25° 1'59	8♑ 3	19°20	0♉12	9°26	17°13	23°35	10°25	25°22	26°46	13°22	12° 3	8°25	n.a.	S 21
M22	15 42 44	25°59'06	19°55	20°36	1°24	9° 9	17°17	23°34	10°26	25°24	26°46	13°16	12° 0	8°32	n.a.	M22
T 23	15 46 40	26°56'12	1♒48	21°49	2°37	8°53	17°21	23°33	10°28	25°26	26°46	13°11	11°57	8°38	n.a.	T 23
W24	15 50 37	27°53'19	13°46	22°59	3°49	8°37	17°24	23°32	10°29	25°28	26°47	13° 8	11°53	8°45	n.a.	W24
T 25	15 54 33	28°50'25	25°52	24° 6	5° 2	8°21	17°28	23°31	10°30	25°30	26°47	13°D 7	11°50	8°52	n.a.	T 25
F 26	15 58 30	29°47'32	8♓12	25°10	6°14	8° 7	17°31	23°31	10°31	25°32	26°48	13° 7	11°47	8°59	n.a.	F 26
S 27	16 2 27	0♊44'39	20°50	26°11	7°27	7°52	17°34	23°30	10°33	25°34	26°48	13° 9	11°44	9° 5	n.a.	S 27
S 28	16 6 23	1°41'45	3♈51	27° 9	8°39	7°39	17°37	23°30	10°34	25°36	26°49	13°10	11°41	9°12	n.a.	S 28
M29	16 10 20	2°38'52	17°17	28° 3	9°52	7°26	17°39	23°30	10°35	25°38	26°49	13°R10	11°38	9°19	n.a.	M29
T 30	16 14 16	3°35'59	1♉11	28°54	11° 4	7°14	17°42	23°29	10°36	25°40	26°50	13° 9	11°34	9°25	n.a.	T 30
W31	16 18 13	4♊33'07	15♉31	29♊42	12♉17	7♏ 2	17♒44	23°D29	10♓37	25♈41	26♌50	13♎ 5	11♎31	9♑32	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	13n40	4n 6	0n27	17n51	1n24	0n53	1s44	17s24	0s43	17s24	1s 1	4n52	2n46	8s41	0s45	7n54	1s54	27n57	16n19	5s39	5s14	18s29			n.a.
T 2	13 59	8 18	0s48	18 35	1 31	1 22	1 44	17 22	0 46	17 22	1 1	4 53	2 46	8 40	0 45	7 55	1 54	27 57	16 18	5 39	5 13	18 28			n.a.
W 3	14 18	12 8	2 3	19 17	1 38	1 51	1 44	17 20	0 50	17 20	1 2	4 54	2 46	8 39	0 45	7 56	1 54	27 57	16 18	5 38	5 12	18 28			n.a.
T 4	14 37	15 18	3 11	19 56	1 45	2 20	1 43	17 18	0 53	17 18	1 2	4 55	2 46	8 38	0 45	7 56	1 54	27 56	16 17	5 37	5 10	18 27			n.a.
F 5	14 55	17 32	4 8	20 33	1 50	2 49	1 43	17 16	0 57	17 17	1 2	4 55	2 46	8 38	0 45	7 57	1 54	27 56	16 17	5 36	5 9	18 27			n.a.
S 6	15 13	18 37	4 48	21 8	1 55	3 18	1 42	17 14	1 1	17 15	1 2	4 56	2 45	8 37	0 45	7 58	1 54	27 56	16 16	5 35	5 8	18 26			n.a.
S 7	15 31	18 27	5 10	21 40	2 0	3 47	1 42	17 12	1 5	17 13	1 3	4 57	2 45	8 36	0 45	7 59	1 54	27 55	16 16	5 33	5 7	18 26			n.a.
M 8	15 49	17 4	5 11	22 9	2 3	4 15	1 41	17 10	1 8	17 12	1 3	4 58	2 45	8 35	0 45	8 0	1 54	27 55	16 15	5 32	5 5	18 26			n.a.
T 9	16 7	14 38	4 53	22 36	2 6	4 44	1 40	17 7	1 12	17 10	1 3	4 58	2 45	8 35	0 45	8 0	1 54	27 54	16 15	5 32	5 4	18 25			n.a.
W10	16 24	11 23	4 18	23 0	2 8	5 13	1 40	17 5	1 15	17 8	1 4	4 59	2 45	8 34	0 45	8 1	1 54	27 54	16 15	5 32	5 3	18 25			n.a.
T 11	16 41	7 34	3 28	23 22	2 10	5 41	1 39	17 2	1 19	17 7	1 4	4 59	2 44	8 33	0 45	8 2	1 54	27 54	16 14	5 32	5 2	18 24			n.a.
F 12	16 57	3 25	2 28	23 42	2 11	6 10	1 38	17 0	1 23	17 6	1 4	5 0	2 44	8 33	0 45	8 3	1 54	27 53	16 14	5 32	5 0	18 24			n.a.
S 13	17 14	0s49	1 21	23 59	2 11	6 38	1 37	16 57	1 26	17 4	1 4	5 1	2 44	8 32	0 45	8 3	1 54	27 53	16 13	5 33	4 59	18 23			n.a.
S 14	17 30	4 57	0 11	24 14	2 10	7 6	1 36	16 54	1 30	17 3	1 5	5 1	2 44	8 31	0 45	8 4	1 54	27 52	16 13	5 33	4 58	18 23			n.a.
M15	17 46	8 47	0n59	24 27	2 8	7 35	1 34	16 52	1 33	17 2	1 5	5 1	2 44	8 31	0 46	8 5	1 54	27 52	16 12	5 33	4 57	18 22			n.a.
T 16	18 1	12 10	2 4	24 38	2 6	8 3	1 33	16 49	1 37	17 0	1 5	5 2	2 43	8 30	0 46	8 6	1 54	27 51	16 12	5 32	4 55	18 22			n.a.
W17	18 17	14 58	3 2	24 46	2 3	8 30	1 32	16 46	1 40	16 59	1 6	5 2	2 43	8 29	0 46	8 6	1 54	27 51	16 11	5 31	4 54	18 22			n.a.
T 18	18 32	17 2	3 52	24 53	2 0	8 58	1 31	16 44	1 44	16 58	1 6	5 3	2 43	8 29	0 46	8 7	1 54	27 50	16 11	5 29	4 53	18 21			n.a.
F 19	18 47	18 19	4 29	24 58	1 56	9 26	1 29	16 41	1 47	16 57	1 6	5 3	2 43	8 28	0 46	8 8	1 54	27 50	16 10	5 26	4 52	18 21			n.a.
S 20	19 1	18 45	4 55	25 1	1 51	9 53	1 28	16 38	1 50	16 56	1 7	5 3	2 42	8 28	0 46	8 9	1 54	27 49	16 10	5 23	4 50	18 20			n.a.
S 21	19 15	18 22	5 8	25 2	1 45	10 20	1 26	16 36	1 54	16 55	1 7	5 3	2 42	8 27	0 46	8 9	1 54	27 49	16 9	5 20	4 49	18 20			n.a.
M22	19 29	17 10	5 7	25 2	1 39	10 47	1 25	16 33	1 57	16 54	1 7	5 3	2 42	8 27	0 46	8 10	1 54	27 48	16 9	5 18	4 48	18 19			n.a.
T 23	19 42	15 14	4 53	25 0	1 32	11 13	1 23	16 31	2 0	16 53	1 7	5 4	2 42	8 26	0 46	8 11	1 54	27 48	16 8	5 16	4 47	18 19			n.a.
W24	19 55	12 39	4 26	24 56	1 24	11 40	1 21	16 29	2 3	16 53	1 8	5 4	2 41	8 26	0 46	8 11	1 54	27 47	16 8	5 15	4 45	18 18			n.a.
T 25	20 8	9 29	3 47	24 51	1 16	12 6	1 20	16 26	2 6	16 52	1 8	5 4	2 41	8 25	0 46	8 12	1 54	27 46	16 7	5 14	4 44	18 18			n.a.
F 26	20 21	5 51	2 57	24 45	1 7	12 32	1 18	16 24	2 9	16 51	1 8	5 4	2 41	8 25	0 46	8 13	1 54	27 46	16 7	5 15	4 43	18 17			n.a.
S 27	20 33	1 53	1 58	24 38	0 58	12 58	1 16	16 22	2 12	16 50	1 9	5 4	2 41	8 25	0 46	8 14	1 54	27 45	16 7	5 15	4 42	18 17			n.a.
S 28	20 45	2n19	0 50	24 29	0 48	13 23	1 14	16 20	2 14	16 50	1 9	5 4	2 40	8 24	0 46	8 14	1 54	27 45	16 6	5 15	4 40	18 16			n.a.
M29	20 56	6 31	0s22	24 20	0 37	13 48	1 12	16 19	2 17	16 49	1 9	5 4	2 40	8 24	0 46	8 15	1 54	27 44	16 6	5 15	4 39	18 16			n.a.
T 30	21 7	10 32	1 35	24 9	0 26	14 13	1 10	16 17	2 20	16 49	1 10	5 3	2 40	8 23	0 46	8 15	1 55	27 43	16 5	5 15	4 38	18 15			n.a.
W31	21n18	14n 3	2s45	23n58	0n15	14n37	1s 8	16s16	2s22	16s49	1s10	5n 3	2n40	8s23	0s46	8n16	1s55	27n43	16n 5	5s14	4s37	18s15			n.a.

Julian Day Number = 1627674.5, Delta T = 03h43m46s
Ecliptic obliquity = 23°43'26, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'50, Lahiri = - 7°29'49 Julian Calendar 1 May 257 BCE == Greg. Calendar 27 Apr. 257 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

JUNE 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 22 9	5♊30'14	0♊15	0♋25	13♉30	6°R51	17♒46	23♍29	10♓38	25♈43	26♌51	13°R 0	11♎28	9♑39	n.a.	T 1
F 2	16 26 6	6°27'22	15°14	1° 6	14°42	6♏41	17°48	23°29	10°39	25°45	26°52	12♎52	11°25	9°46	n.a.	F 2
S 3	16 30 3	7°24'30	0♋19	1°42	15°55	6°32	17°49	23°30	10°39	25°47	26°52	12°44	11°22	9°52	n.a.	S 3
S 4	16 33 59	8°21'37	15°22	2°14	17° 8	6°23	17°51	23°30	10°40	25°49	26°53	12°36	11°18	9°59	n.a.	S 4
M 5	16 37 56	9°18'45	0♌12	2°42	18°20	6°16	17°52	23°30	10°41	25°50	26°54	12°30	11°15	10° 6	n.a.	M 5
T 6	16 41 52	10°15'52	14°43	3° 6	19°33	6° 9	17°53	23°31	10°42	25°52	26°55	12°25	11°12	10°13	n.a.	T 6
W 7	16 45 49	11°12'59	28°52	3°25	20°46	6° 3	17°54	23°31	10°42	25°54	26°55	12°23	11° 9	10°19	n.a.	W 7
T 8	16 49 45	12°10'07	12♍36	3°40	21°59	5°58	17°55	23°32	10°43	25°56	26°56	12°D22	11° 6	10°26	n.a.	T 8
F 9	16 53 42	13° 7'14	25°59	3°50	23°12	5°53	17°55	23°33	10°43	25°57	26°57	12°23	11° 3	10°33	n.a.	F 9
S 10	16 57 38	14° 4'21	9♎ 1	3°55	24°25	5°50	17°55	23°34	10°44	25°59	26°58	12°R23	10°59	10°39	n.a.	S 10
S 11	17 1 35	15° 1'28	21°46	3°R56	25°37	5°47	17°R56	23°35	10°44	26° 0	26°59	12°23	10°56	10°46	n.a.	S 11
M12	17 5 32	15°58'36	4♏17	3°52	26°50	5°45	17°55	23°36	10°45	26° 2	27° 0	12°21	10°53	10°53	n.a.	M12
T 13	17 9 28	16°55'43	16°37	3°43	28° 3	5°45	17°55	23°37	10°45	26° 4	27° 1	12°16	10°50	11° 0	n.a.	T 13
W14	17 13 25	17°52'51	28°49	3°30	29°16	5°D44	17°55	23°38	10°45	26° 5	27° 2	12° 9	10°47	11° 6	n.a.	W14
T 15	17 17 21	18°50'00	10♐54	3°11	0♊29	5°45	17°54	23°40	10°46	26° 7	27° 3	11°59	10°44	11°13	n.a.	T 15
F 16	17 21 18	19°47'09	22°53	2°49	1°42	5°47	17°53	23°41	10°46	26° 8	27° 4	11°48	10°40	11°20	n.a.	F 16
S 17	17 25 14	20°44'18	4♑49	2°22	2°56	5°49	17°52	23°43	10°46	26°10	27° 5	11°35	10°37	11°27	n.a.	S 17
S 18	17 29 11	21°41'28	16°42	1°51	4° 9	5°52	17°51	23°44	10°46	26°11	27° 7	11°23	10°34	11°33	n.a.	S 18
M19	17 33 7	22°38'39	28°34	1°18	5°22	5°56	17°49	23°46	10°46	26°13	27° 8	11°12	10°31	11°40	n.a.	M19
T 20	17 37 4	23°35'51	10♒27	0°41	6°35	6° 1	17°48	23°48	10°R46	26°14	27° 9	11° 3	10°28	11°47	n.a.	T 20
W21	17 41 1	24°33'03	22°25	0° 1	7°48	6° 7	17°46	23°50	10°46	26°15	27°10	10°56	10°24	11°53	n.a.	W21
T 22	17 44 57	25°30'16	4♓30	29♊20	9° 1	6°13	17°44	23°52	10°46	26°17	27°12	10°52	10°21	12° 0	n.a.	T 22
F 23	17 48 54	26°27'31	16°48	28°38	10°15	6°20	17°42	23°54	10°46	26°18	27°13	10°50	10°18	12° 7	n.a.	F 23
S 24	17 52 50	27°24'46	29°23	27°55	11°28	6°28	17°39	23°56	10°46	26°19	27°14	10°D50	10°15	12°14	n.a.	S 24
S 25	17 56 47	28°22'02	12♈19	27°13	12°41	6°37	17°37	23°58	10°46	26°21	27°15	10°R50	10°12	12°20	n.a.	S 25
M26	18 0 43	29°19'20	25°41	26°32	13°55	6°46	17°34	24° 1	10°45	26°22	27°17	10°49	10° 9	12°27	n.a.	M26
T 27	18 4 40	0♋16'39	9♉31	25°53	15° 8	6°57	17°31	24° 3	10°45	26°23	27°18	10°47	10° 5	12°34	n.a.	T 27
W28	18 8 36	1°13'59	23°50	25°16	16°22	7° 8	17°28	24° 6	10°45	26°24	27°20	10°42	10° 2	12°41	n.a.	W28
T 29	18 12 33	2°11'20	8♊37	24°43	17°35	7°19	17°24	24° 8	10°44	26°25	27°21	10°35	9°59	12°47	n.a.	T 29
F 30	18 16 30	3♋ 8'42	23♊43	24♊14	18♊49	7♏32	17♒21	24♍11	10♓44	26♈27	27♌23	10♎25	9♎56	12♑54	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n29	16n46	3s45	23n46	0n 2	15n 1	1s 6	16s14	2s25	16s48	1s10	5n 3	2n39	8s23	0s46	8n17	1s55	27n42	16n 4	5s11	4s35	18s14		n.a.
F 2	21 39	18 24	4 31	23 33	0s10	15 25	1 4	16 13	2 27	16 48	1 11	5 3	2 39	8 22	0 46	8 17	1 55	27 41	16 4	5 9	4 34	18 14		n.a.
S 3	21 48	18 45	4 58	23 19	0 23	15 48	1 2	16 12	2 30	16 48	1 11	5 2	2 39	8 22	0 46	8 18	1 55	27 41	16 3	5 5	4 33	18 13		n.a.
S 4	21 58	17 46	5 5	23 5	0 37	16 11	1 0	16 12	2 32	16 48	1 11	5 2	2 39	8 22	0 46	8 19	1 55	27 40	16 3	5 2	4 31	18 13		n.a.
M 5	22 7	15 36	4 51	22 51	0 51	16 34	0 58	16 11	2 34	16 48	1 12	5 2	2 38	8 22	0 46	8 19	1 55	27 39	16 2	5 0	4 30	18 12		n.a.
T 6	22 15	12 29	4 19	22 36	1 5	16 56	0 56	16 11	2 36	16 48	1 12	5 1	2 38	8 21	0 46	8 20	1 55	27 38	16 2	4 58	4 29	18 12		n.a.
W 7	22 23	8 43	3 31	22 21	1 20	17 18	0 53	16 11	2 38	16 48	1 12	5 1	2 38	8 21	0 46	8 20	1 55	27 38	16 1	4 57	4 28	18 11		n.a.
T 8	22 31	4 34	2 32	22 6	1 35	17 39	0 51	16 11	2 40	16 48	1 13	5 0	2 38	8 21	0 46	8 21	1 55	27 37	16 1	4 57	4 26	18 11		n.a.
F 9	22 39	0 18	1 27	21 50	1 50	18 0	0 49	16 11	2 42	16 48	1 13	5 0	2 37	8 21	0 46	8 22	1 55	27 36	16 1	4 57	4 25	18 10		n.a.
S 10	22 46	3s53	0 18	21 35	2 5	18 21	0 47	16 12	2 44	16 48	1 13	4 59	2 37	8 21	0 46	8 22	1 55	27 36	16 0	4 57	4 24	18 10		n.a.
S 11	22 52	7 49	0n50	21 20	2 20	18 41	0 44	16 12	2 46	16 48	1 14	4 58	2 37	8 21	0 47	8 23	1 55	27 35	16 0	4 57	4 23	18 9		n.a.
M12	22 59	11 19	1 54	21 5	2 35	19 0	0 42	16 13	2 47	16 49	1 14	4 58	2 37	8 20	0 47	8 23	1 55	27 34	15 59	4 56	4 21	18 9		n.a.
T 13	23 4	14 16	2 52	20 50	2 50	19 19	0 39	16 15	2 49	16 49	1 14	4 57	2 36	8 20	0 47	8 24	1 55	27 33	15 59	4 54	4 20	18 8		n.a.
W14	23 10	16 33	3 41	20 36	3 4	19 38	0 37	16 16	2 51	16 49	1 14	4 56	2 36	8 20	0 47	8 24	1 55	27 32	15 58	4 51	4 19	18 8		n.a.
T 15	23 15	18 4	4 19	20 23	3 18	19 56	0 35	16 18	2 52	16 50	1 15	4 56	2 36	8 20	0 47	8 25	1 55	27 32	15 58	4 48	4 18	18 7		n.a.
F 16	23 20	18 47	4 46	20 10	3 32	20 13	0 32	16 20	2 53	16 51	1 15	4 55	2 36	8 20	0 47	8 25	1 55	27 31	15 58	4 43	4 16	18 6		n.a.
S 17	23 24	18 39	4 59	19 58	3 44	20 30	0 30	16 22	2 55	16 51	1 15	4 54	2 35	8 20	0 47	8 26	1 55	27 30	15 57	4 38	4 15	18 6		n.a.
S 18	23 28	17 42	5 0	19 46	3 56	20 47	0 27	16 24	2 56	16 52	1 16	4 53	2 35	8 20	0 47	8 26	1 55	27 29	15 57	4 33	4 14	18 5		n.a.
M19	23 31	16 0	4 48	19 36	4 7	21 3	0 25	16 26	2 57	16 53	1 16	4 52	2 35	8 20	0 47	8 27	1 55	27 28	15 56	4 29	4 13	18 5		n.a.
T 20	23 34	13 36	4 23	19 27	4 16	21 18	0 22	16 29	2 58	16 53	1 16	4 51	2 35	8 20	0 47	8 27	1 55	27 28	15 56	4 25	4 11	18 4		n.a.
W21	23 37	10 38	3 47	19 19	4 25	21 33	0 20	16 32	3 0	16 54	1 17	4 50	2 34	8 20	0 47	8 28	1 55	27 27	15 55	4 23	4 10	18 4		n.a.
T 22	23 39	7 11	3 0	19 12	4 32	21 47	0 17	16 35	3 1	16 55	1 17	4 49	2 34	8 20	0 47	8 28	1 56	27 26	15 55	4 21	4 9	18 3		n.a.
F 23	23 41	3 22	2 4	19 6	4 37	22 0	0 15	16 39	3 2	16 56	1 17	4 48	2 34	8 20	0 47	8 29	1 56	27 25	15 55	4 20	4 8	18 3		n.a.
S 24	23 42	0n40	1 0	19 2	4 40	22 13	0 12	16 42	3 3	16 57	1 18	4 47	2 34	8 20	0 47	8 29	1 56	27 24	15 54	4 20	4 6	18 2		n.a.
S 25	23 43	4 48	0s 8	18 59	4 42	22 26	0 10	16 46	3 3	16 58	1 18	4 46	2 33	8 21	0 47	8 29	1 56	27 23	15 54	4 20	4 5	18 1		n.a.
M26	23 43	8 50	1 18	18 58	4 43	22 37	0 7	16 50	3 4	17 0	1 18	4 45	2 33	8 21	0 47	8 30	1 56	27 23	15 53	4 20	4 4	18 1		n.a.
T 27	23 43	12 32	2 26	18 59	4 41	22 48	0 5	16 54	3 5	17 1	1 19	4 43	2 33	8 21	0 47	8 30	1 56	27 22	15 53	4 19	4 3	18 0		n.a.
W28	23 43	15 37	3 26	19 1	4 38	22 59	0 2	16 58	3 6	17 2	1 19	4 42	2 33	8 21	0 47	8 31	1 56	27 21	15 53	4 17	4 1	18 0		n.a.
T 29	23 42	17 48	4 16	19 4	4 33	23 8	0n 0	17 3	3 6	17 3	1 19	4 41	2 32	8 21	0 47	8 31	1 56	27 20	15 52	4 14	4 0	17 59		n.a.
F 30	23n41	18n47	4s48	19n10	4s26	23n17	0n 3	17s 8	3s 7	17s 5	1s20	4n39	2n32	8s21	0s47	8n31	1s56	27n19	15n52	4s10	3s59	17s58		n.a.

Julian Day Number = 1627705.5, Delta T = 03h43m45s
Ecliptic obliquity = 23°43'25, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'46, Lahiri = - 7°29'45 Julian Calendar 1 June 257 BCE == Greg. Calendar 28 May 257 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

JULY 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 20 26	4♋ 6'05	9♋ 0	23°R49	20♊ 2	7♏45	17°R17	24♍14	10°R43	26♈28	27♌24	10°R15	9♎53	13♑ 1	n.a.	S 1
S 2	18 24 23	5° 3'29	24°17	23♊30	21°16	7°59	17♒13	24°17	10♓43	26°29	27°26	10♎ 4	9°50	13° 7	n.a.	S 2
M 3	18 28 19	6° 0'54	9♌23	23°15	22°29	8°13	17° 9	24°20	10°42	26°30	27°27	9°55	9°46	13°14	n.a.	M 3
T 4	18 32 16	6°58'20	24° 8	23° 7	23°43	8°28	17° 5	24°23	10°41	26°31	27°29	9°48	9°43	13°21	n.a.	T 4
W 5	18 36 12	7°55'47	8♍27	23°D 5	24°57	8°44	17° 0	24°26	10°41	26°32	27°30	9°44	9°40	13°28	n.a.	W 5
T 6	18 40 9	8°53'15	22°18	23°10	26°10	9° 1	16°56	24°30	10°40	26°33	27°32	9°42	9°37	13°34	n.a.	T 6
F 7	18 44 5	9°50'43	5♎42	23°21	27°24	9°18	16°51	24°33	10°39	26°34	27°34	9°41	9°34	13°41	n.a.	F 7
S 8	18 48 2	10°48'13	18°41	23°39	28°38	9°36	16°46	24°36	10°38	26°35	27°35	9°41	9°30	13°48	n.a.	S 8
S 9	18 51 59	11°45'43	1♏20	24° 3	29°52	9°54	16°41	24°40	10°38	26°35	27°37	9°40	9°27	13°54	n.a.	S 9
M10	18 55 55	12°43'14	13°44	24°35	1♋ 5	10°13	16°36	24°43	10°37	26°36	27°39	9°37	9°24	14° 1	n.a.	M10
T 11	18 59 52	13°40'47	25°55	25°13	2°19	10°33	16°30	24°47	10°36	26°37	27°40	9°32	9°21	14° 8	n.a.	T 11
W12	19 3 48	14°38'20	7♐58	25°57	3°33	10°53	16°25	24°51	10°35	26°38	27°42	9°24	9°18	14°15	n.a.	W12
T 13	19 7 45	15°35'55	19°56	26°49	4°47	11°13	16°19	24°55	10°34	26°39	27°44	9°13	9°15	14°21	n.a.	T 13
F 14	19 11 41	16°33'31	1♑50	27°47	6° 1	11°35	16°13	24°59	10°32	26°39	27°46	9° 1	9°11	14°28	n.a.	F 14
S 15	19 15 38	17°31'08	13°43	28°51	7°15	11°56	16° 7	25° 3	10°31	26°40	27°48	8°47	9° 8	14°35	n.a.	S 15
S 16	19 19 35	18°28'47	25°36	0♋ 1	8°29	12°19	16° 1	25° 7	10°30	26°41	27°49	8°33	9° 5	14°42	n.a.	S 16
M17	19 23 31	19°26'27	7♒30	1°17	9°43	12°41	15°55	25°11	10°29	26°41	27°51	8°21	9° 2	14°48	n.a.	M17
T 18	19 27 28	20°24'09	19°27	2°39	10°57	13° 5	15°49	25°15	10°28	26°42	27°53	8°11	8°59	14°55	n.a.	T 18
W19	19 31 24	21°21'52	1♓29	4° 5	12°11	13°29	15°42	25°19	10°26	26°42	27°55	8° 3	8°56	15° 2	n.a.	W19
T 20	19 35 21	22°19'37	13°39	5°37	13°25	13°53	15°36	25°24	10°25	26°43	27°57	7°58	8°52	15° 8	n.a.	T 20
F 21	19 39 17	23°17'24	26° 0	7°13	14°39	14°18	15°29	25°28	10°24	26°43	27°59	7°56	8°49	15°15	n.a.	F 21
S 22	19 43 14	24°15'12	8♈35	8°53	15°53	14°43	15°22	25°33	10°22	26°44	28° 1	7°D55	8°46	15°22	n.a.	S 22
S 23	19 47 10	25°13'03	21°29	10°37	17° 8	15° 9	15°15	25°37	10°21	26°44	28° 3	7°R56	8°43	15°29	n.a.	S 23
M24	19 51 7	26°10'55	4♉45	12°24	18°22	15°35	15° 8	25°42	10°19	26°45	28° 5	7°55	8°40	15°35	n.a.	M24
T 25	19 55 3	27° 8'49	18°28	14°13	19°36	16° 1	15° 1	25°47	10°18	26°45	28° 7	7°54	8°36	15°42	n.a.	T 25
W26	19 59 0	28° 6'45	2♊38	16° 5	20°50	16°28	14°54	25°52	10°16	26°45	28° 9	7°50	8°33	15°49	n.a.	W26
T 27	20 2 57	29° 4'44	17°15	17°59	22° 5	16°56	14°46	25°56	10°14	26°46	28°11	7°44	8°30	15°56	n.a.	T 27
F 28	20 6 53	0♌ 2'44	2♋13	19°55	23°19	17°23	14°39	26° 1	10°13	26°46	28°13	7°35	8°27	16° 2	n.a.	F 28
S 29	20 10 50	1° 0'46	17°25	21°51	24°33	17°52	14°31	26° 6	10°11	26°46	28°15	7°26	8°24	16° 9	n.a.	S 29
S 30	20 14 46	1°58'50	2♌42	23°49	25°48	18°20	14°24	26°11	10° 9	26°46	28°17	7°16	8°21	16°16	n.a.	S 30
M31	20 18 43	2♌56'55	17♌51	25♋46	27♋ 2	18♏49	14♒16	26♍17	10♓ 8	26♈46	28♌19	7♎ 8	8♎17	16♑22	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n40	18n25	5s 0	19n16	4s19	23n26	0n 5	17s13	3s 8	17s 6	1s20	4n38	2n32	8s22	0s47	8n32	1s56	27n18	15n52	4s 6	3s57	17s58		n.a.
S 2	23 38	16 44	4 51	19 25	4 9	23 34	0 8	17 18	3 8	17 8	1 20	4 37	2 32	8 22	0 47	8 32	1 56	27 17	15 51	4 2	3 56	17 57		n.a.
M 3	23 35	13 54	4 22	19 35	3 59	23 41	0 10	17 23	3 9	17 9	1 20	4 35	2 31	8 22	0 47	8 32	1 56	27 16	15 51	3 58	3 55	17 57		n.a.
T 4	23 32	10 15	3 36	19 46	3 47	23 47	0 13	17 28	3 9	17 11	1 21	4 34	2 31	8 22	0 47	8 33	1 56	27 16	15 51	3 56	3 54	17 56		n.a.
W 5	23 29	6 5	2 37	19 58	3 34	23 52	0 15	17 34	3 10	17 12	1 21	4 32	2 31	8 23	0 47	8 33	1 56	27 15	15 50	3 54	3 52	17 56		n.a.
T 6	23 25	1 42	1 31	20 12	3 21	23 57	0 17	17 40	3 10	17 14	1 21	4 31	2 31	8 23	0 47	8 33	1 56	27 14	15 50	3 53	3 51	17 55		n.a.
F 7	23 21	2s37	0 21	20 27	3 7	24 2	0 20	17 46	3 10	17 16	1 22	4 29	2 30	8 23	0 47	8 33	1 56	27 13	15 50	3 53	3 50	17 54		n.a.
S 8	23 17	6 41	0n47	20 42	2 52	24 5	0 22	17 52	3 11	17 18	1 22	4 28	2 30	8 24	0 47	8 34	1 56	27 12	15 49	3 53	3 49	17 54		n.a.
S 9	23 12	10 20	1 52	20 59	2 37	24 8	0 24	17 58	3 11	17 19	1 22	4 26	2 30	8 24	0 48	8 34	1 57	27 11	15 49	3 53	3 47	17 53		n.a.
M10	23 6	13 27	2 49	21 16	2 21	24 10	0 27	18 4	3 11	17 21	1 22	4 24	2 30	8 24	0 48	8 34	1 57	27 10	15 49	3 51	3 46	17 52		n.a.
T 11	23 1	15 56	3 38	21 33	2 5	24 11	0 29	18 11	3 11	17 23	1 23	4 23	2 30	8 25	0 48	8 34	1 57	27 9	15 48	3 49	3 45	17 52		n.a.
W12	22 55	17 41	4 17	21 50	1 50	24 12	0 31	18 17	3 11	17 25	1 23	4 21	2 29	8 25	0 48	8 35	1 57	27 8	15 48	3 46	3 44	17 51		n.a.
T 13	22 48	18 38	4 43	22 7	1 34	24 12	0 33	18 24	3 12	17 27	1 23	4 19	2 29	8 26	0 48	8 35	1 57	27 7	15 48	3 42	3 42	17 51		n.a.
F 14	22 41	18 45	4 58	22 24	1 18	24 11	0 36	18 31	3 12	17 29	1 23	4 17	2 29	8 26	0 48	8 35	1 57	27 6	15 47	3 37	3 41	17 50		n.a.
S 15	22 34	18 3	4 59	22 41	1 3	24 9	0 38	18 38	3 12	17 31	1 24	4 16	2 29	8 27	0 48	8 35	1 57	27 5	15 47	3 31	3 40	17 49		n.a.
S 16	22 26	16 34	4 47	22 56	0 47	24 7	0 40	18 45	3 12	17 33	1 24	4 14	2 28	8 27	0 48	8 35	1 57	27 5	15 47	3 26	3 39	17 49		n.a.
M17	22 18	14 23	4 23	23 11	0 33	24 4	0 42	18 52	3 12	17 35	1 24	4 12	2 28	8 28	0 48	8 36	1 57	27 4	15 47	3 21	3 37	17 48		n.a.
T 18	22 9	11 35	3 47	23 24	0 18	24 0	0 44	18 59	3 12	17 38	1 24	4 10	2 28	8 28	0 48	8 36	1 57	27 3	15 46	3 17	3 36	17 47		n.a.
W19	22 0	8 16	3 0	23 35	0 4	23 55	0 46	19 7	3 12	17 40	1 25	4 8	2 28	8 29	0 48	8 36	1 57	27 2	15 46	3 14	3 35	17 47		n.a.
T 20	21 51	4 35	2 5	23 45	0n 9	23 50	0 48	19 14	3 12	17 42	1 25	4 6	2 28	8 29	0 48	8 36	1 57	27 1	15 46	3 12	3 33	17 46		n.a.
F 21	21 41	0 39	1 3	23 53	0 21	23 44	0 50	19 21	3 11	17 44	1 25	4 4	2 27	8 30	0 48	8 36	1 57	27 0	15 46	3 11	3 32	17 46		n.a.
S 22	21 31	3n23	0s 3	23 58	0 33	23 37	0 52	19 29	3 11	17 46	1 25	4 2	2 27	8 30	0 48	8 36	1 57	26 59	15 45	3 11	3 31	17 45		n.a.
S 23	21 21	7 22	1 11	24 1	0 44	23 30	0 54	19 37	3 11	17 49	1 25	4 0	2 27	8 31	0 48	8 36	1 57	26 58	15 45	3 11	3 30	17 44		n.a.
M24	21 10	11 6	2 17	24 2	0 54	23 22	0 56	19 44	3 11	17 51	1 26	3 58	2 27	8 32	0 48	8 36	1 57	26 57	15 45	3 11	3 28	17 44		n.a.
T 25	20 59	14 22	3 18	24 0	1 3	23 13	0 57	19 52	3 11	17 53	1 26	3 56	2 27	8 32	0 48	8 36	1 58	26 56	15 45	3 10	3 27	17 43		n.a.
W26	20 47	16 53	4 8	23 55	1 11	23 4	0 59	20 0	3 10	17 56	1 26	3 54	2 26	8 33	0 48	8 37	1 58	26 55	15 45	3 9	3 26	17 42		n.a.
T 27	20 35	18 24	4 44	23 48	1 19	22 53	1 1	20 7	3 10	17 58	1 26	3 52	2 26	8 33	0 48	8 37	1 58	26 54	15 44	3 6	3 25	17 42		n.a.
F 28	20 23	18 41	5 1	23 38	1 25	22 42	1 2	20 15	3 10	18 1	1 26	3 50	2 26	8 34	0 48	8 37	1 58	26 53	15 44	3 3	3 23	17 41		n.a.
S 29	20 10	17 39	4 58	23 25	1 31	22 31	1 4	20 23	3 10	18 3	1 27	3 48	2 26	8 35	0 48	8 37	1 58	26 52	15 44	2 59	3 22	17 40		n.a.
S 30	19 57	15 21	4 34	23 10	1 36	22 19	1 5	20 31	3 9	18 5	1 27	3 45	2 26	8 35	0 48	8 37	1 58	26 51	15 44	2 55	3 21	17 40		n.a.
M31	19n44	12n 1	3s50	22n52	1n39	22n 6	1n 7	20s39	3s 9	18s 8	1s27	3n43	2n26	8s36	0s48	8n37	1s58	26n51	15n44	2s52	3s20	17s39		n.a.

Julian Day Number = 1627735.5, Delta T = 03h43m44s
Ecliptic obliquity = 23°43'25, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'42, Lahiri = - 7°29'41 Julian Calendar 1 July 257 BCE == Greg. Calendar 27 June 257 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

AUGUST 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 22 39	3♌55'02	2♍42	27♋44	28♋17	19♏19	14°R 8	26♍22	10°R 6	26♈46	28♌21	7°R 1	8♎14	16♑29	n.a.	T 1
W 2	20 26 36	4°53'11	17° 9	29°42	29°31	19°48	14♒ 1	26°27	10♓ 4	26°47	28°23	6♎57	8°11	16°36	n.a.	W 2
T 3	20 30 32	5°51'22	1♎ 8	1♌40	0♌46	20°19	13°53	26°32	10° 2	26°47	28°25	6°D56	8° 8	16°43	n.a.	T 3
F 4	20 34 29	6°49'34	14°38	3°37	2° 0	20°49	13°45	26°38	10° 0	26°R47	28°28	6°56	8° 5	16°49	n.a.	F 4
S 5	20 38 26	7°47'47	27°42	5°33	3°15	21°20	13°37	26°43	9°58	26°47	28°30	6°57	8° 2	16°56	n.a.	S 5
S 6	20 42 22	8°46'02	10♏22	7°29	4°29	21°51	13°29	26°49	9°56	26°47	28°32	6°R57	7°58	17° 3	n.a.	S 6
M 7	20 46 19	9°44'19	22°45	9°24	5°44	22°23	13°21	26°54	9°54	26°46	28°34	6°56	7°55	17° 9	n.a.	M 7
T 8	20 50 15	10°42'38	4♐54	11°18	6°59	22°55	13°13	27° 0	9°52	26°46	28°36	6°53	7°52	17°16	n.a.	T 8
W 9	20 54 12	11°40'58	16°53	13°11	8°13	23°27	13° 5	27° 5	9°50	26°46	28°38	6°48	7°49	17°23	n.a.	W 9
T 10	20 58 8	12°39'20	28°48	15° 3	9°28	23°59	12°57	27°11	9°48	26°46	28°41	6°40	7°46	17°30	n.a.	T 10
F 11	21 2 5	13°37'44	10♑40	16°54	10°42	24°32	12°49	27°17	9°46	26°46	28°43	6°31	7°42	17°36	n.a.	F 11
S 12	21 6 1	14°36'09	22°33	18°44	11°57	25° 5	12°42	27°23	9°44	26°46	28°45	6°21	7°39	17°43	n.a.	S 12
S 13	21 9 58	15°34'37	4♒28	20°33	13°12	25°38	12°34	27°29	9°42	26°45	28°47	6°11	7°36	17°50	n.a.	S 13
M14	21 13 55	16°33'06	16°28	22°21	14°27	26°12	12°26	27°35	9°40	26°45	28°49	6° 3	7°33	17°57	n.a.	M14
T 15	21 17 51	17°31'37	28°33	24° 7	15°41	26°46	12°18	27°41	9°38	26°45	28°52	5°55	7°30	18° 3	n.a.	T 15
W16	21 21 48	18°30'11	10♓45	25°53	16°56	27°20	12°10	27°47	9°35	26°44	28°54	5°50	7°27	18°10	n.a.	W16
T 17	21 25 44	19°28'46	23° 6	27°38	18°11	27°54	12° 2	27°53	9°33	26°44	28°56	5°47	7°23	18°17	n.a.	T 17
F 18	21 29 41	20°27'24	5♈37	29°21	19°26	28°29	11°54	27°59	9°31	26°43	28°58	5°D46	7°20	18°23	n.a.	F 18
S 19	21 33 37	21°26'04	18°21	1♍ 4	20°41	29° 4	11°46	28° 5	9°29	26°43	29° 1	5°47	7°17	18°30	n.a.	S 19
S 20	21 37 34	22°24'46	1♉21	2°45	21°55	29°39	11°39	28°11	9°26	26°42	29° 3	5°48	7°14	18°37	n.a.	S 20
M21	21 41 30	23°23'30	14°39	4°25	23°10	0♐15	11°31	28°17	9°24	26°42	29° 5	5°49	7°11	18°44	n.a.	M21
T 22	21 45 27	24°22'18	28°17	6° 5	24°25	0°50	11°23	28°24	9°22	26°41	29° 7	5°R50	7° 7	18°50	n.a.	T 22
W23	21 49 23	25°21'07	12♊17	7°43	25°40	1°26	11°16	28°30	9°19	26°41	29°10	5°48	7° 4	18°57	n.a.	W23
T 24	21 53 20	26°19'59	26°38	9°21	26°55	2° 2	11° 9	28°36	9°17	26°40	29°12	5°45	7° 1	19° 4	n.a.	T 24
F 25	21 57 17	27°18'53	11♋18	10°57	28°10	2°39	11° 1	28°43	9°15	26°39	29°14	5°41	6°58	19°10	n.a.	F 25
S 26	22 1 13	28°17'50	26°11	12°33	29°25	3°15	10°54	28°49	9°12	26°39	29°17	5°36	6°55	19°17	n.a.	S 26
S 27	22 5 10	29°16'49	11♌11	14° 8	0♍40	3°52	10°47	28°56	9°10	26°38	29°19	5°30	6°52	19°24	n.a.	S 27
M28	22 9 6	0♍15'50	26° 6	15°41	1°55	4°29	10°40	29° 2	9° 8	26°37	29°21	5°25	6°48	19°31	n.a.	M28
T 29	22 13 3	1°14'53	10♍50	17°14	3°10	5° 6	10°33	29° 9	9° 5	26°36	29°23	5°22	6°45	19°37	n.a.	T 29
W30	22 16 59	2°13'59	25°15	18°46	4°25	5°43	10°26	29°16	9° 3	26°36	29°26	5°20	6°42	19°44	n.a.	W30
T 31	22 20 56	3♍13'06	9♎16	20♍18	5♍40	6♐21	10♒19	29♍22	9♓ 0	26♈35	29♌28	5°D19	6♎39	19♑51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19n30	7n58	2s52	22n32	1n43	21n52	1n 8	20s47	3s 8	18s10	1s27	3n41	2n25	8s37	0s48	8n37	1s58	26n50	15n43	2s49	3s18	17s38		n.a.	T 1
W 2	19 16	3 33	1 44	22 10	1 45	21 38	1 10	20 55	3 8	18 13	1 27	3 39	2 25	8 38	0 48	8 37	1 58	26 49	15 43	2 48	3 17	17 38		n.a.	W 2
T 3	19 2	0s56	0 31	21 45	1 47	21 23	1 11	21 3	3 8	18 15	1 27	3 36	2 25	8 38	0 48	8 37	1 58	26 48	15 43	2 47	3 16	17 37		n.a.	T 3
F 4	18 47	5 12	0n41	21 19	1 47	21 7	1 12	21 11	3 7	18 17	1 28	3 34	2 25	8 39	0 48	8 36	1 58	26 47	15 43	2 47	3 14	17 36		n.a.	F 4
S 5	18 32	9 5	1 49	20 51	1 48	20 51	1 13	21 18	3 7	18 20	1 28	3 32	2 25	8 40	0 48	8 36	1 58	26 46	15 43	2 47	3 13	17 36		n.a.	S 5
S 6	18 17	12 26	2 49	20 21	1 47	20 34	1 15	21 26	3 6	18 22	1 28	3 29	2 25	8 41	0 48	8 36	1 58	26 45	15 43	2 47	3 12	17 35		n.a.	S 6
M 7	18 1	15 8	3 40	19 49	1 46	20 17	1 16	21 34	3 6	18 25	1 28	3 27	2 24	8 41	0 48	8 36	1 58	26 44	15 43	2 47	3 11	17 34		n.a.	M 7
T 8	17 45	17 7	4 20	19 16	1 45	19 59	1 17	21 42	3 5	18 27	1 28	3 24	2 24	8 42	0 48	8 36	1 58	26 43	15 42	2 46	3 9	17 33		n.a.	T 8
W 9	17 29	18 18	4 48	18 42	1 43	19 40	1 18	21 50	3 5	18 30	1 28	3 22	2 24	8 43	0 48	8 36	1 59	26 42	15 42	2 44	3 8	17 33		n.a.	W 9
T 10	17 13	18 40	5 3	18 6	1 40	19 21	1 19	21 58	3 4	18 32	1 28	3 20	2 24	8 44	0 48	8 36	1 59	26 41	15 42	2 41	3 7	17 32		n.a.	T 10
F 11	16 56	18 14	5 5	17 30	1 37	19 2	1 19	22 5	3 4	18 34	1 28	3 17	2 24	8 45	0 48	8 36	1 59	26 40	15 42	2 37	3 6	17 31		n.a.	F 11
S 12	16 39	16 59	4 54	16 52	1 34	18 41	1 20	22 13	3 3	18 37	1 28	3 15	2 24	8 45	0 48	8 36	1 59	26 40	15 42	2 33	3 4	17 31		n.a.	S 12
S 13	16 21	15 0	4 30	16 14	1 30	18 21	1 21	22 21	3 2	18 39	1 28	3 12	2 23	8 46	0 48	8 35	1 59	26 39	15 42	2 29	3 3	17 30		n.a.	S 13
M14	16 4	12 23	3 54	15 35	1 26	17 59	1 22	22 28	3 2	18 41	1 29	3 10	2 23	8 47	0 48	8 35	1 59	26 38	15 42	2 26	3 2	17 29		n.a.	M14
T 15	15 46	9 12	3 7	14 55	1 21	17 38	1 22	22 36	3 1	18 44	1 29	3 7	2 23	8 48	0 48	8 35	1 59	26 37	15 42	2 23	3 1	17 29		n.a.	T 15
W16	15 28	5 36	2 11	14 14	1 16	17 15	1 23	22 43	3 1	18 46	1 29	3 5	2 23	8 49	0 48	8 35	1 59	26 36	15 42	2 21	2 59	17 28		n.a.	W16
T 17	15 9	1 44	1 8	13 33	1 11	16 53	1 23	22 51	3 0	18 48	1 29	3 2	2 23	8 50	0 49	8 35	1 59	26 35	15 42	2 19	2 58	17 27		n.a.	T 17
F 18	14 50	2n16	0 1	12 52	1 6	16 29	1 23	22 58	2 59	18 51	1 29	2 59	2 23	8 51	0 49	8 34	1 59	26 34	15 42	2 19	2 57	17 26		n.a.	F 18
S 19	14 32	6 14	1s 8	12 10	1 0	16 6	1 24	23 5	2 59	18 53	1 29	2 57	2 23	8 51	0 49	8 34	1 59	26 33	15 42	2 19	2 55	17 26		n.a.	S 19
S 20	14 12	9 59	2 14	11 27	0 54	15 41	1 24	23 13	2 58	18 55	1 29	2 54	2 23	8 52	0 49	8 34	1 59	26 33	15 42	2 20	2 54	17 25		n.a.	S 20
M21	13 53	13 19	3 15	10 45	0 48	15 17	1 24	23 20	2 57	18 57	1 29	2 52	2 22	8 53	0 49	8 34	1 59	26 32	15 42	2 20	2 53	17 24		n.a.	M21
T 22	13 33	16 0	4 6	10 2	0 42	14 52	1 24	23 27	2 56	18 59	1 29	2 49	2 22	8 54	0 49	8 33	1 59	26 31	15 42	2 20	2 52	17 23		n.a.	T 22
W23	13 13	17 50	4 45	9 19	0 35	14 26	1 25	23 33	2 56	19 1	1 29	2 46	2 22	8 55	0 49	8 33	1 59	26 30	15 42	2 20	2 50	17 23		n.a.	W23
T 24	12 53	18 34	5 7	8 36	0 29	14 0	1 25	23 40	2 55	19 4	1 29	2 44	2 22	8 56	0 49	8 33	1 59	26 29	15 42	2 19	2 49	17 22		n.a.	T 24
F 25	12 33	18 6	5 9	7 53	0 22	13 34	1 24	23 47	2 54	19 6	1 29	2 41	2 22	8 57	0 49	8 33	2 0	26 28	15 42	2 17	2 48	17 21		n.a.	F 25
S 26	12 12	16 24	4 51	7 10	0 15	13 8	1 24	23 53	2 53	19 8	1 29	2 38	2 22	8 58	0 49	8 32	2 0	26 28	15 42	2 15	2 47	17 21		n.a.	S 26
S 27	11 52	13 35	4 13	6 27	0 8	12 41	1 24	24 0	2 53	19 10	1 29	2 36	2 22	8 59	0 49	8 32	2 0	26 27	15 42	2 13	2 45	17 20		n.a.	S 27
M28	11 31	9 52	3 17	5 43	0 1	12 13	1 24	24 6	2 52	19 12	1 29	2 33	2 22	8 59	0 49	8 32	2 0	26 26	15 42	2 11	2 44	17 19		n.a.	M28
T 29	11 10	5 35	2 10	5 0	0s 6	11 46	1 24	24 12	2 51	19 13	1 29	2 30	2 22	9 0	0 49	8 31	2 0	26 25	15 42	2 9	2 43	17 18		n.a.	T 29
W30	10 48	1 4	0 55	4 17	0 13	11 18	1 23	24 18	2 50	19 15	1 29	2 27	2 21	9 1	0 49	8 31	2 0	26 24	15 42	2 8	2 41	17 18		n.a.	W30
T 31	10n27	3s23	0n22	3n35	0s20	10n49	1n23	24s24	2s49	19s17	1s29	2n25	2n21	9s 2	0s49	8n31	2s 0	26n24	15n42	2s 8	2s40	17s17		n.a.	T 31

Julian Day Number = 1627766.5, Delta T = 03h43m43s
Ecliptic obliquity = 23°43'25, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'37, Lahiri = - 7°29'37 Julian Calendar 1 Aug. 257 BCE == Greg. Calendar 28 July 257 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

SEPTEMBER 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 24 52	4♍12'15	22♎51	21♍48	6♍55	6♐59	10°R12	29♍29	8°R58	26°R34	29♌30	5♎20	6♎36	19♑58	n.a.	F 1
S 2	22 28 49	5°11'26	5♏59	23°17	8°10	7°37	10♒ 6	29°36	8♓56	26♈33	29°32	5°22	6°33	20° 4	n.a.	S 2
S 3	22 32 46	6°10'40	18°45	24°46	9°25	8°15	9°59	29°42	8°53	26°32	29°35	5°23	6°29	20°11	n.a.	S 3
M 4	22 36 42	7° 9'55	1♐11	26°13	10°40	8°53	9°53	29°49	8°51	26°31	29°37	5°25	6°26	20°18	n.a.	M 4
T 5	22 40 39	8° 9'12	13°21	27°40	11°55	9°32	9°47	29°56	8°48	26°30	29°39	5°R25	6°23	20°24	n.a.	T 5
W 6	22 44 35	9° 8'30	25°21	29° 6	13°10	10°10	9°41	0♎ 3	8°46	26°29	29°41	5°23	6°20	20°31	n.a.	W 6
T 7	22 48 32	10° 7'51	7♑15	0♎30	14°25	10°49	9°35	0°10	8°43	26°28	29°44	5°21	6°17	20°38	n.a.	T 7
F 8	22 52 28	11° 7'14	19° 7	1°54	15°41	11°28	9°29	0°16	8°41	26°27	29°46	5°18	6°13	20°45	n.a.	F 8
S 9	22 56 25	12° 6'38	1♒ 2	3°17	16°56	12° 7	9°24	0°23	8°39	26°26	29°48	5°14	6°10	20°51	n.a.	S 9
S 10	23 0 21	13° 6'05	13° 1	4°39	18°11	12°47	9°19	0°30	8°36	26°25	29°50	5°10	6° 7	20°58	n.a.	S 10
M11	23 4 18	14° 5'33	25° 7	6° 0	19°26	13°26	9°13	0°37	8°34	26°24	29°53	5° 7	6° 4	21° 5	n.a.	M11
T 12	23 8 14	15° 5'04	7♓23	7°19	20°41	14° 6	9° 8	0°44	8°31	26°22	29°55	5° 4	6° 1	21°11	n.a.	T 12
W13	23 12 11	16° 4'37	19°50	8°38	21°56	14°45	9° 3	0°51	8°29	26°21	29°57	5° 2	5°58	21°18	n.a.	W13
T 14	23 16 8	17° 4'11	2♈28	9°55	23°11	15°25	8°59	0°58	8°27	26°20	29°59	5°D 1	5°54	21°25	n.a.	T 14
F 15	23 20 4	18° 3'48	15°18	11°11	24°26	16° 5	8°54	1° 5	8°24	26°19	0♍ 1	5° 2	5°51	21°32	n.a.	F 15
S 16	23 24 1	19° 3'27	28°21	12°25	25°41	16°45	8°50	1°12	8°22	26°18	0° 4	5° 3	5°48	21°38	n.a.	S 16
S 17	23 27 57	20° 3'09	11♉37	13°38	26°57	17°26	8°46	1°19	8°19	26°16	0° 6	5° 4	5°45	21°45	n.a.	S 17
M18	23 31 54	21° 2'53	25° 6	14°49	28°12	18° 6	8°41	1°26	8°17	26°15	0° 8	5° 5	5°42	21°52	n.a.	M18
T 19	23 35 50	22° 2'39	8♊50	15°58	29°27	18°46	8°38	1°33	8°15	26°14	0°10	5° 6	5°39	21°58	n.a.	T 19
W20	23 39 47	23° 2'28	22°47	17° 5	0♎42	19°27	8°34	1°40	8°12	26°12	0°12	5°R 6	5°35	22° 5	n.a.	W20
T 21	23 43 43	24° 2'19	6♋57	18°10	1°57	20° 8	8°31	1°48	8°10	26°11	0°14	5° 6	5°32	22°12	n.a.	T 21
F 22	23 47 40	25° 2'12	21°18	19°13	3°12	20°49	8°27	1°55	8° 8	26° 9	0°16	5° 5	5°29	22°19	n.a.	F 22
S 23	23 51 37	26° 2'08	5♌47	20°13	4°28	21°30	8°24	2° 2	8° 5	26° 8	0°19	5° 4	5°26	22°25	n.a.	S 23
S 24	23 55 33	27° 2'06	20°19	21°10	5°43	22°11	8°21	2° 9	8° 3	26° 7	0°21	5° 3	5°23	22°32	n.a.	S 24
M25	23 59 30	28° 2'06	4♍49	22° 3	6°58	22°52	8°19	2°16	8° 1	26° 5	0°23	5° 2	5°19	22°39	n.a.	M25
T 26	0 3 26	29° 2'08	19°11	22°53	8°13	23°33	8°16	2°23	7°59	26° 4	0°25	5° 2	5°16	22°45	n.a.	T 26
W27	0 7 23	0♎ 2'13	3♎20	23°39	9°28	24°14	8°14	2°30	7°56	26° 2	0°27	5°D 2	5°13	22°52	n.a.	W27
T 28	0 11 19	1° 2'19	17°11	24°21	10°44	24°56	8°12	2°38	7°54	26° 1	0°29	5° 2	5°10	22°59	n.a.	T 28
F 29	0 15 16	2° 2'27	0♏41	24°58	11°59	25°37	8°10	2°45	7°52	25°59	0°31	5° 2	5° 7	23° 6	n.a.	F 29
S 30	0 19 12	3♎ 2'37	13♏50	25♎29	13♎14	26♐19	8♒ 8	2♎52	7♓50	25♈58	0♍33	5♎ 2	5♎ 4	23♑12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n 5	7s32	1n34	2n52	0s28	10n21	1n22	24s30	2s49	19s19	1s29	2n22	2n21	9s 3	0s49	8n30	2s 0	26n23	15n42	2s 9	2s39	17s16		n.a.
S 2	9 43	11 10	2 40	2 10	0 35	9 52	1 22	24 36	2 48	19 21	1 29	2 19	2 21	9 4	0 49	8 30	2 0	26 22	15 42	2 9	2 38	17 15		n.a.
S 3	9 21	14 9	3 36	1 27	0 42	9 23	1 21	24 41	2 47	19 22	1 28	2 16	2 21	9 5	0 49	8 30	2 0	26 21	15 42	2 10	2 36	17 14		n.a.
M 4	8 59	16 24	4 20	0 46	0 50	8 53	1 20	24 46	2 46	19 24	1 28	2 13	2 21	9 6	0 49	8 29	2 0	26 21	15 42	2 10	2 35	17 14		n.a.
T 5	8 37	17 52	4 51	0 4	0 57	8 24	1 20	24 52	2 45	19 26	1 28	2 11	2 21	9 7	0 49	8 29	2 0	26 20	15 43	2 10	2 34	17 13		n.a.
W 6	8 14	18 30	5 9	0s37	1 4	7 54	1 19	24 57	2 44	19 27	1 28	2 8	2 21	9 8	0 49	8 28	2 0	26 19	15 43	2 10	2 33	17 12		n.a.
T 7	7 52	18 18	5 14	1 18	1 12	7 24	1 18	25 2	2 43	19 29	1 28	2 5	2 21	9 9	0 49	8 28	2 0	26 18	15 43	2 9	2 31	17 11		n.a.
F 8	7 29	17 19	5 5	1 58	1 19	6 54	1 17	25 6	2 42	19 30	1 28	2 2	2 21	9 10	0 49	8 27	2 0	26 18	15 43	2 8	2 30	17 11		n.a.
S 9	7 6	15 34	4 43	2 38	1 26	6 23	1 16	25 11	2 41	19 32	1 28	1 59	2 21	9 11	0 49	8 27	2 0	26 17	15 43	2 6	2 29	17 10		n.a.
S 10	6 43	13 8	4 8	3 17	1 33	5 53	1 15	25 15	2 40	19 33	1 28	1 57	2 21	9 11	0 49	8 27	2 0	26 16	15 43	2 5	2 27	17 9		n.a.
M11	6 20	10 7	3 22	3 56	1 40	5 22	1 14	25 19	2 40	19 34	1 28	1 54	2 21	9 12	0 49	8 26	2 0	26 16	15 43	2 3	2 26	17 8		n.a.
T 12	5 57	6 38	2 27	4 34	1 47	4 51	1 13	25 23	2 39	19 35	1 28	1 51	2 20	9 13	0 49	8 26	2 0	26 15	15 44	2 2	2 25	17 7		n.a.
W13	5 33	2 48	1 23	5 12	1 54	4 20	1 11	25 27	2 38	19 37	1 28	1 48	2 20	9 14	0 49	8 25	2 0	26 14	15 44	2 1	2 24	17 7		n.a.
T 14	5 10	1n12	0 14	5 49	2 0	3 48	1 10	25 31	2 37	19 38	1 27	1 45	2 20	9 15	0 49	8 25	2 1	26 14	15 44	2 1	2 22	17 6		n.a.
F 15	4 46	5 14	0s56	6 25	2 7	3 17	1 9	25 34	2 36	19 39	1 27	1 42	2 20	9 16	0 49	8 24	2 1	26 13	15 44	2 1	2 21	17 5		n.a.
S 16	4 23	9 4	2 5	7 0	2 13	2 46	1 7	25 37	2 35	19 40	1 27	1 39	2 20	9 17	0 49	8 24	2 1	26 12	15 44	2 2	2 20	17 4		n.a.
S 17	3 59	12 30	3 9	7 34	2 19	2 14	1 6	25 40	2 34	19 41	1 27	1 37	2 20	9 18	0 49	8 23	2 1	26 12	15 45	2 2	2 19	17 4		n.a.
M18	3 35	15 20	4 3	8 7	2 25	1 43	1 4	25 43	2 33	19 42	1 27	1 34	2 20	9 19	0 49	8 23	2 1	26 11	15 45	2 3	2 17	17 3		n.a.
T 19	3 12	17 21	4 44	8 39	2 30	1 11	1 3	25 46	2 32	19 43	1 27	1 31	2 20	9 19	0 49	8 22	2 1	26 11	15 45	2 3	2 16	17 2		n.a.
W20	2 48	18 23	5 9	9 10	2 35	0 39	1 1	25 48	2 31	19 44	1 27	1 28	2 20	9 20	0 49	8 22	2 1	26 10	15 45	2 3	2 15	17 1		n.a.
T 21	2 24	18 16	5 17	9 40	2 40	0 7	1 0	25 50	2 30	19 44	1 26	1 25	2 20	9 21	0 49	8 21	2 1	26 9	15 46	2 3	2 13	17 0		n.a.
F 22	2 0	17 0	5 4	10 8	2 45	0s24	0 58	25 52	2 29	19 45	1 26	1 22	2 20	9 22	0 48	8 21	2 1	26 9	15 46	2 3	2 12	16 59		n.a.
S 23	1 36	14 39	4 32	10 35	2 49	0 56	0 56	25 54	2 28	19 46	1 26	1 19	2 20	9 23	0 48	8 20	2 1	26 8	15 46	2 2	2 11	16 59		n.a.
S 24	1 12	11 21	3 43	11 0	2 52	1 28	0 54	25 56	2 27	19 46	1 26	1 16	2 20	9 24	0 48	8 19	2 1	26 8	15 46	2 2	2 10	16 58		n.a.
M25	0 47	7 23	2 40	11 24	2 55	2 0	0 53	25 57	2 26	19 47	1 26	1 14	2 20	9 25	0 48	8 19	2 1	26 7	15 47	2 2	2 8	16 57		n.a.
T 26	0 23	3 0	1 27	11 45	2 58	2 31	0 51	25 58	2 25	19 47	1 26	1 11	2 20	9 25	0 48	8 18	2 1	26 7	15 47	2 1	2 7	16 56		n.a.
W27	0s 1	1s29	0 9	12 4	3 0	3 3	0 49	25 59	2 23	19 48	1 25	1 8	2 20	9 26	0 48	8 18	2 1	26 6	15 47	2 1	2 6	16 55		n.a.
T 28	0 25	5 48	1n 7	12 21	3 1	3 35	0 47	26 0	2 22	19 48	1 25	1 5	2 20	9 27	0 48	8 17	2 1	26 6	15 47	2 1	2 5	16 55		n.a.
F 29	0 49	9 42	2 18	12 35	3 1	4 6	0 45	26 0	2 21	19 49	1 25	1 2	2 20	9 28	0 48	8 17	2 1	26 5	15 48	2 1	2 3	16 54		n.a.
S 30	1s13	13s 1	3n19	12s46	3s 1	4s38	0n43	26s 1	2s20	19s49	1s25	0n59	2n20	9s29	0s48	8n16	2s 1	26n 5	15n48	2s 1	2s 2	16s53		n.a.

Julian Day Number = 1627797.5, Delta T = 03h43m42s
Ecliptic obliquity = 23°43'26, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'33, Lahiri = - 7°29'33 Julian Calendar 1 Sept. 257 BCE == Greg. Calendar 28 Aug. 257 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

OCTOBER 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 23 9	4♎ 2'49	26♏38	25♎54	14♎29	27♐ 1	8°R 7	2♎59	7°R48	25°R56	0♍35	5♎ 2	5♎ 0	23♑19	n.a.	S 1
M 2	0 27 5	5° 3'03	9♐ 7	26°13	15°44	27°43	8♒ 5	3° 6	7♓46	25♈55	0°37	5°R 2	4°57	23°26	n.a.	M 2
T 3	0 31 2	6° 3'18	21°20	26°24	17° 0	28°25	8° 4	3°13	7°44	25°53	0°39	5° 2	4°54	23°32	n.a.	T 3
W 4	0 34 59	7° 3'35	3♑22	26°R27	18°15	29° 7	8° 3	3°20	7°42	25°51	0°41	5°D 2	4°51	23°39	n.a.	W 4
T 5	0 38 55	8° 3'53	15°17	26°21	19°30	29°49	8° 3	3°28	7°40	25°50	0°43	5° 2	4°48	23°46	n.a.	T 5
F 6	0 42 52	9° 4'13	27° 9	26° 7	20°45	0♑31	8° 2	3°35	7°38	25°48	0°45	5° 3	4°44	23°53	n.a.	F 6
S 7	0 46 48	10° 4'34	9♒ 3	25°42	22° 0	1°13	8° 2	3°42	7°36	25°47	0°46	5° 3	4°41	23°59	n.a.	S 7
S 8	0 50 45	11° 4'57	21° 4	25° 8	23°16	1°56	8°D 2	3°49	7°34	25°45	0°48	5° 4	4°38	24° 6	n.a.	S 8
M 9	0 54 41	12° 5'22	3♓16	24°24	24°31	2°38	8° 2	3°56	7°32	25°43	0°50	5° 4	4°35	24°13	n.a.	M 9
T 10	0 58 38	13° 5'48	15°41	23°30	25°46	3°21	8° 2	4° 3	7°30	25°42	0°52	5° 5	4°32	24°20	n.a.	T 10
W11	1 2 34	14° 6'16	28°21	22°28	27° 1	4° 3	8° 3	4°10	7°28	25°40	0°54	5° 5	4°29	24°26	n.a.	W11
T 12	1 6 31	15° 6'45	11♈18	21°18	28°16	4°46	8° 4	4°17	7°27	25°38	0°55	5°R 6	4°25	24°33	n.a.	T 12
F 13	1 10 28	16° 7'16	24°31	20° 2	29°31	5°28	8° 5	4°24	7°25	25°37	0°57	5° 5	4°22	24°40	n.a.	F 13
S 14	1 14 24	17° 7'49	8♉ 0	18°43	0♏46	6°11	8° 6	4°31	7°23	25°35	0°59	5° 4	4°19	24°46	n.a.	S 14
S 15	1 18 21	18° 8'24	21°42	17°22	2° 2	6°54	8° 7	4°38	7°21	25°33	1° 1	5° 2	4°16	24°53	n.a.	S 15
M16	1 22 17	19° 9'00	5♊36	16° 3	3°17	7°36	8° 9	4°45	7°20	25°32	1° 2	5° 0	4°13	25° 0	n.a.	M16
T 17	1 26 14	20° 9'38	19°38	14°48	4°32	8°19	8°11	4°52	7°18	25°30	1° 4	4°59	4°10	25° 6	n.a.	T 17
W18	1 30 10	21°10'18	3♋45	13°39	5°47	9° 2	8°13	4°59	7°17	25°28	1° 6	4°57	4° 6	25°13	n.a.	W18
T 19	1 34 7	22°11'00	17°56	12°39	7° 2	9°45	8°15	5° 6	7°15	25°27	1° 7	4°D56	4° 3	25°20	n.a.	T 19
F 20	1 38 3	23°11'44	2♌ 7	11°48	8°17	10°28	8°17	5°13	7°14	25°25	1° 9	4°57	4° 0	25°27	n.a.	F 20
S 21	1 42 0	24°12'30	16°16	11° 9	9°32	11°11	8°20	5°20	7°12	25°23	1°10	4°57	3°57	25°33	n.a.	S 21
S 22	1 45 57	25°13'17	0♍23	10°41	10°48	11°54	8°23	5°27	7°11	25°22	1°12	4°59	3°54	25°40	n.a.	S 22
M23	1 49 53	26°14'05	14°23	10°26	12° 3	12°38	8°26	5°34	7° 9	25°20	1°13	5° 0	3°50	25°47	n.a.	M23
T 24	1 53 50	27°14'56	28°16	10°D21	13°18	13°21	8°29	5°41	7° 8	25°18	1°15	5°R 1	3°47	25°53	n.a.	T 24
W25	1 57 46	28°15'48	11♎59	10°27	14°33	14° 4	8°32	5°48	7° 7	25°16	1°16	5° 1	3°44	26° 0	n.a.	W25
T 26	2 1 43	29°16'41	25°29	10°44	15°48	14°47	8°36	5°54	7° 6	25°15	1°18	5° 0	3°41	26° 7	n.a.	T 26
F 27	2 5 39	0♏17'36	8♏45	11°10	17° 3	15°31	8°39	6° 1	7° 4	25°13	1°19	4°57	3°38	26°14	n.a.	F 27
S 28	2 9 36	1°18'32	21°44	11°44	18°18	16°14	8°43	6° 8	7° 3	25°11	1°20	4°53	3°35	26°20	n.a.	S 28
S 29	2 13 32	2°19'29	4♐28	12°25	19°33	16°57	8°48	6°14	7° 2	25°10	1°22	4°49	3°31	26°27	n.a.	S 29
M30	2 17 29	3°20'27	16°55	13°14	20°48	17°41	8°52	6°21	7° 1	25° 8	1°23	4°44	3°28	26°34	n.a.	M30
T 31	2 21 26	4♏21'26	29♐ 8	14♎ 8	22♏ 3	18♑24	8♒56	6♎28	7♓ 0	25♈ 6	1♍24	4♎39	3♎25	26♑40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	1s38	15s36	4n 9	12s54	2s59	5s 9	0n41	26s 1	2s19	19s49	1s25	0n56	2n20	9s29	0s48	8n15	2s 1	26n 4	15n48	2s 2	2s 1	16s52			n.a.
M 2	2 2	17 23	4 46	12 58	2 56	5 40	0 39	26 0	2 18	19 49	1 25	0 53	2 20	9 30	0 48	8 15	2 1	26 4	15 49	2 2	1 59	16 51			n.a.
T 3	2 26	18 19	5 8	12 59	2 53	6 12	0 36	26 0	2 17	19 49	1 24	0 51	2 20	9 31	0 48	8 14	2 1	26 3	15 49	2 2	1 58	16 50			n.a.
W 4	2 50	18 24	5 17	12 55	2 47	6 43	0 34	25 59	2 16	19 49	1 24	0 48	2 20	9 32	0 48	8 14	2 1	26 3	15 49	2 2	1 57	16 49			n.a.
T 5	3 14	17 40	5 12	12 47	2 41	7 13	0 32	25 58	2 15	19 49	1 24	0 45	2 20	9 32	0 48	8 13	2 1	26 3	15 50	2 2	1 56	16 49			n.a.
F 6	3 38	16 10	4 54	12 34	2 32	7 44	0 30	25 57	2 14	19 49	1 24	0 42	2 20	9 33	0 48	8 12	2 1	26 2	15 50	2 2	1 54	16 48			n.a.
S 7	4 2	13 58	4 23	12 15	2 23	8 15	0 28	25 56	2 13	19 49	1 24	0 39	2 20	9 34	0 48	8 12	2 1	26 2	15 50	2 2	1 53	16 47			n.a.
S 8	4 26	11 10	3 41	11 52	2 11	8 45	0 25	25 54	2 12	19 49	1 23	0 36	2 20	9 35	0 48	8 11	2 1	26 2	15 51	2 2	1 52	16 46			n.a.
M 9	4 50	7 50	2 48	11 23	1 57	9 15	0 23	25 52	2 11	19 49	1 23	0 34	2 20	9 35	0 48	8 11	2 1	26 1	15 51	2 2	1 51	16 45			n.a.
T 10	5 14	4 6	1 46	10 49	1 42	9 45	0 21	25 50	2 9	19 49	1 23	0 31	2 20	9 36	0 48	8 10	2 1	26 1	15 51	2 3	1 49	16 44			n.a.
W11	5 38	0 6	0 37	10 10	1 25	10 15	0 18	25 48	2 8	19 48	1 23	0 28	2 20	9 37	0 48	8 9	2 1	26 1	15 52	2 3	1 48	16 43			n.a.
T 12	6 1	4n 0	0s34	9 26	1 7	10 44	0 16	25 45	2 7	19 48	1 23	0 25	2 20	9 37	0 48	8 9	2 1	26 0	15 52	2 3	1 47	16 43			n.a.
F 13	6 25	7 59	1 46	8 39	0 47	11 14	0 13	25 43	2 6	19 47	1 23	0 22	2 20	9 38	0 48	8 8	2 1	26 0	15 53	2 3	1 45	16 42			n.a.
S 14	6 48	11 38	2 52	7 50	0 27	11 42	0 11	25 39	2 5	19 47	1 22	0 20	2 20	9 38	0 48	8 8	2 1	26 0	15 53	2 2	1 44	16 41			n.a.
S 15	7 12	14 42	3 50	7 0	0 6	12 11	0 9	25 36	2 4	19 46	1 22	0 17	2 21	9 39	0 48	8 7	2 1	25 59	15 53	2 1	1 43	16 40			n.a.
M16	7 35	16 58	4 35	6 10	0n14	12 39	0 6	25 33	2 3	19 46	1 22	0 14	2 21	9 40	0 48	8 6	2 1	25 59	15 54	2 1	1 42	16 39			n.a.
T 17	7 58	18 15	5 5	5 22	0 34	13 8	0 4	25 29	2 2	19 45	1 22	0 11	2 21	9 40	0 48	8 6	2 1	25 59	15 54	2 0	1 40	16 38			n.a.
W18	8 21	18 25	5 16	4 38	0 53	13 35	0 1	25 25	2 0	19 44	1 22	0 9	2 21	9 41	0 48	8 5	2 1	25 59	15 55	1 59	1 39	16 37			n.a.
T 19	8 44	17 25	5 8	3 58	1 11	14 3	0s 1	25 21	1 59	19 44	1 21	0 6	2 21	9 41	0 48	8 4	2 1	25 59	15 55	1 59	1 38	16 36			n.a.
F 20	9 7	15 21	4 41	3 23	1 27	14 30	0 4	25 16	1 58	19 43	1 21	0 3	2 21	9 42	0 48	8 4	2 1	25 58	15 56	1 59	1 36	16 36			n.a.
S 21	9 30	12 22	3 57	2 55	1 41	14 56	0 6	25 11	1 57	19 42	1 21	0 0	2 21	9 42	0 48	8 3	2 1	25 58	15 56	2 0	1 35	16 35			n.a.
S 22	9 52	8 40	3 0	2 33	1 53	15 23	0 9	25 6	1 56	19 41	1 21	0s 2	2 21	9 43	0 48	8 3	2 1	25 58	15 57	2 0	1 34	16 34			n.a.
M23	10 15	4 30	1 51	2 17	2 3	15 49	0 11	25 1	1 55	19 40	1 21	0 5	2 21	9 43	0 48	8 2	2 1	25 58	15 57	2 1	1 33	16 33			n.a.
T 24	10 37	0 8	0 37	2 8	2 12	16 14	0 14	24 56	1 54	19 39	1 20	0 8	2 21	9 44	0 48	8 1	2 1	25 58	15 57	2 1	1 31	16 32			n.a.
W25	10 59	4s12	0n38	2 4	2 18	16 39	0 16	24 50	1 53	19 38	1 20	0 10	2 21	9 44	0 48	8 1	2 1	25 58	15 58	2 1	1 30	16 31			n.a.
T 26	11 21	8 16	1 50	2 6	2 23	17 4	0 19	24 44	1 51	19 37	1 20	0 13	2 21	9 45	0 48	8 0	2 1	25 57	15 58	2 1	1 29	16 30			n.a.
F 27	11 43	11 50	2 55	2 14	2 26	17 28	0 21	24 38	1 50	19 36	1 20	0 15	2 21	9 45	0 48	7 59	2 1	25 57	15 59	1 59	1 28	16 29			n.a.
S 28	12 4	14 44	3 49	2 25	2 28	17 52	0 24	24 32	1 49	19 34	1 20	0 18	2 22	9 46	0 48	7 59	2 1	25 57	15 59	1 58	1 26	16 28			n.a.
S 29	12 25	16 51	4 30	2 41	2 29	18 15	0 26	24 25	1 48	19 33	1 19	0 21	2 22	9 46	0 48	7 58	2 1	25 57	16 0	1 56	1 25	16 27			n.a.
M30	12 47	18 8	4 58	3 0	2 28	18 38	0 29	24 18	1 47	19 32	1 19	0 23	2 22	9 46	0 47	7 58	2 1	25 57	16 0	1 54	1 24	16 27			n.a.
T 31	13s 7	18s32	5n11	3s23	2n27	19s 0	0s31	24s11	1s46	19s30	1s19	0s26	2n22	9s47	0s47	7n57	2s 1	25n57	16n 1	1s52	1s22	16s26			n.a.

Julian Day Number = 1627827.5, Delta T = 03h43m41s
Ecliptic obliquity = 23°43'26, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'29, Lahiri = - 7°29'29 Julian Calendar 1 Oct. 257 BCE == Greg. Calendar 27 Sept. 257 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

NOVEMBER 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 25 22	5♏22'26	11♉10	15♎ 7	23♏19	19♉ 8	9♒ 1	6♎34	6°R59	25°R 5	1♍26	4°R35	3♎22	26♉47	n.a.	W 1
T 2	2 29 19	6°23'27	23° 5	16°11	24°34	19°51	9° 6	6°41	6♓58	25♈ 3	1°27	4♎33	3°19	26°54	n.a.	T 2
F 3	2 33 15	7°24'28	4♒56	17°18	25°49	20°35	9°11	6°47	6°57	25° 1	1°28	4°D32	3°15	27° 1	n.a.	F 3
S 4	2 37 12	8°25'31	16°49	18°29	27° 4	21°18	9°16	6°54	6°57	25° 0	1°29	4°32	3°12	27° 7	n.a.	S 4
S 5	2 41 8	9°26'34	28°49	19°43	28°19	22° 2	9°22	7° 0	6°56	24°58	1°30	4°33	3° 9	27°14	n.a.	S 5
M 6	2 45 5	10°27'38	11♓ 0	20°59	29°34	22°45	9°28	7° 7	6°55	24°56	1°31	4°35	3° 6	27°21	n.a.	M 6
T 7	2 49 1	11°28'42	23°28	22°18	0♗49	23°29	9°33	7°13	6°54	24°55	1°33	4°37	3° 3	27°27	n.a.	T 7
W 8	2 52 58	12°29'47	6♈15	23°38	2° 4	24°13	9°39	7°19	6°54	24°53	1°34	4°R37	3° 0	27°34	n.a.	W 8
T 9	2 56 55	13°30'53	19°25	25° 0	3°19	24°56	9°45	7°25	6°53	24°52	1°35	4°36	2°56	27°41	n.a.	T 9
F 10	3 0 51	14°31'59	2♉57	26°23	4°34	25°40	9°52	7°32	6°53	24°50	1°36	4°33	2°53	27°48	n.a.	F 10
S 11	3 4 48	15°33'07	16°51	27°48	5°49	26°24	9°58	7°38	6°52	24°48	1°36	4°28	2°50	27°54	n.a.	S 11
S 12	3 8 44	16°34'15	1♊ 3	29°13	7° 3	27° 7	10° 5	7°44	6°52	24°47	1°37	4°22	2°47	28° 1	n.a.	S 12
M13	3 12 41	17°35'23	15°27	0♏40	8°18	27°51	10°12	7°50	6°51	24°45	1°38	4°15	2°44	28° 8	n.a.	M13
T 14	3 16 37	18°36'33	29°57	2° 7	9°33	28°35	10°19	7°56	6°51	24°44	1°39	4° 8	2°41	28°14	n.a.	T 14
W15	3 20 34	19°37'44	14♋27	3°35	10°48	29°19	10°26	8° 2	6°51	24°42	1°40	4° 2	2°37	28°21	n.a.	W15
T 16	3 24 30	20°38'55	28°52	5° 3	12° 3	0♒ 2	10°33	8° 8	6°51	24°41	1°41	3°58	2°34	28°28	n.a.	T 16
F 17	3 28 27	21°40'07	13♌ 7	6°32	13°18	0°46	10°41	8°14	6°51	24°39	1°41	3°55	2°31	28°35	n.a.	F 17
S 18	3 32 24	22°41'20	27°11	8° 2	14°33	1°30	10°48	8°20	6°50	24°38	1°42	3°D55	2°28	28°41	n.a.	S 18
S 19	3 36 20	23°42'34	11♍ 3	9°31	15°48	2°13	10°56	8°25	6°50	24°36	1°43	3°56	2°25	28°48	n.a.	S 19
M20	3 40 17	24°43'48	24°42	11° 2	17° 3	2°57	11° 4	8°31	6°D50	24°35	1°43	3°57	2°21	28°55	n.a.	M20
T 21	3 44 13	25°45'03	8♎10	12°32	18°17	3°41	11°12	8°37	6°50	24°34	1°44	3°R57	2°18	29° 1	n.a.	T 21
W22	3 48 10	26°46'18	21°26	14° 3	19°32	4°25	11°20	8°42	6°50	24°32	1°45	3°56	2°15	29° 8	n.a.	W22
T 23	3 52 6	27°47'35	4♏32	15°34	20°47	5° 8	11°29	8°48	6°51	24°31	1°45	3°52	2°12	29°15	n.a.	T 23
F 24	3 56 3	28°48'51	17°26	17° 6	22° 2	5°52	11°37	8°53	6°51	24°29	1°46	3°45	2° 9	29°22	n.a.	F 24
S 25	3 59 59	29°50'08	0♗ 9	18°37	23°17	6°36	11°46	8°58	6°51	24°28	1°46	3°36	2° 6	29°28	n.a.	S 25
S 26	4 3 56	0♗51'25	12°40	20°10	24°31	7°20	11°55	9° 4	6°51	24°27	1°47	3°25	2° 2	29°35	n.a.	S 26
M27	4 7 53	1°52'42	25° 0	21°42	25°46	8° 3	12° 3	9° 9	6°52	24°25	1°47	3°13	1°59	29°42	n.a.	M27
T 28	4 11 49	2°53'59	7♉ 9	23°14	27° 1	8°47	12°13	9°14	6°52	24°24	1°47	3° 2	1°56	29°48	n.a.	T 28
W29	4 15 46	3°55'16	19° 9	24°47	28°16	9°31	12°22	9°19	6°53	24°23	1°48	2°52	1°53	29°55	n.a.	W29
T 30	4 19 42	4♗56'33	1♒ 1	26♏21	29♗30	10♒15	12♒31	9♎24	6♓53	24♈22	1♍48	2♎44	1♎50	0♒ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	13 s28	18 s 5	5n11	3 s48	2n25	19 s22	0 s34	24 s 4	1 s45	19 s29	1 s19	0 s28	2n22	9 s47	0 s47	7n56	2 s 1	25n57	16n 1	1 s51	1 s21	16 s25		n.a.	W 1
T 2	13 49	16 51	4 57	4 16	2 22	19 43	0 36	23 56	1 43	19 27	1 19	0 31	2 22	9 47	0 47	7 56	2 1	25 57	16 2	1 50	1 20	16 24		n.a.	T 2
F 3	14 9	14 54	4 30	4 45	2 18	20 4	0 38	23 49	1 42	19 26	1 18	0 33	2 22	9 48	0 47	7 55	2 1	25 57	16 2	1 49	1 19	16 23		n.a.	F 3
S 4	14 29	12 18	3 52	5 17	2 13	20 24	0 41	23 41	1 41	19 24	1 18	0 36	2 22	9 48	0 47	7 55	2 1	25 57	16 3	1 49	1 17	16 22		n.a.	S 4
S 5	14 49	9 10	3 3	5 49	2 9	20 43	0 43	23 33	1 40	19 22	1 18	0 38	2 22	9 48	0 47	7 54	2 1	25 57	16 3	1 50	1 16	16 21		n.a.	S 5
M 6	15 8	5 36	2 5	6 23	2 3	21 2	0 45	23 24	1 39	19 21	1 18	0 41	2 22	9 48	0 47	7 53	2 1	25 57	16 4	1 51	1 15	16 20		n.a.	M 6
T 7	15 27	1 42	1 0	6 58	1 58	21 21	0 48	23 16	1 38	19 19	1 18	0 43	2 23	9 48	0 47	7 53	2 1	25 57	16 4	1 51	1 14	16 19		n.a.	T 7
W 8	15 46	2n23	0 s 9	7 33	1 52	21 38	0 50	23 7	1 37	19 17	1 17	0 45	2 23	9 49	0 47	7 52	2 1	25 58	16 5	1 51	1 12	16 18		n.a.	W 8
T 9	16 5	6 28	1 20	8 9	1 46	21 55	0 52	22 58	1 35	19 15	1 17	0 48	2 23	9 49	0 47	7 52	2 1	25 58	16 6	1 51	1 11	16 17		n.a.	T 9
F 10	16 23	10 20	2 28	8 46	1 39	22 12	0 55	22 48	1 34	19 13	1 17	0 50	2 23	9 49	0 47	7 51	2 1	25 58	16 6	1 50	1 10	16 16		n.a.	F 10
S 11	16 41	13 44	3 29	9 23	1 33	22 28	0 57	22 39	1 33	19 11	1 17	0 52	2 23	9 49	0 47	7 51	2 1	25 58	16 7	1 48	1 8	16 15		n.a.	S 11
S 12	16 59	16 24	4 18	9 59	1 26	22 43	0 59	22 29	1 32	19 9	1 17	0 55	2 23	9 49	0 47	7 50	2 1	25 58	16 7	1 45	1 7	16 14		n.a.	S 12
M13	17 17	18 5	4 52	10 37	1 19	22 57	1 1	22 19	1 31	19 7	1 16	0 57	2 23	9 49	0 47	7 50	2 1	25 58	16 8	1 42	1 6	16 14		n.a.	M13
T 14	17 34	18 36	5 8	11 14	1 12	23 11	1 3	22 9	1 30	19 5	1 16	0 59	2 24	9 49	0 47	7 49	2 1	25 58	16 8	1 40	1 5	16 13		n.a.	T 14
W15	17 51	17 54	5 3	11 51	1 5	23 24	1 5	21 59	1 29	19 3	1 16	1 2	2 24	9 50	0 47	7 48	2 1	25 59	16 9	1 37	1 3	16 12		n.a.	W15
T 16	18 8	16 4	4 40	12 27	0 58	23 37	1 7	21 49	1 28	19 1	1 16	1 4	2 24	9 50	0 47	7 48	2 1	25 59	16 9	1 36	1 2	16 11		n.a.	T 16
F 17	18 24	13 15	3 59	13 4	0 51	23 49	1 9	21 38	1 26	18 59	1 16	1 6	2 24	9 50	0 47	7 47	2 1	25 59	16 10	1 35	1 1	16 10		n.a.	F 17
S 18	18 40	9 42	3 5	13 40	0 43	24 0	1 11	21 27	1 25	18 56	1 16	1 8	2 24	9 50	0 47	7 47	2 1	25 59	16 10	1 35	0 59	16 9		n.a.	S 18
S 19	18 55	5 39	2 0	14 16	0 36	24 10	1 13	21 16	1 24	18 54	1 15	1 10	2 24	9 50	0 47	7 46	2 1	26 0	16 11	1 35	0 58	16 8		n.a.	S 19
M20	19 11	1 22	0 50	14 51	0 29	24 20	1 15	21 5	1 23	18 52	1 15	1 12	2 25	9 50	0 47	7 46	2 1	26 0	16 12	1 35	0 57	16 7		n.a.	M20
T 21	19 25	2 s56	0n23	15 26	0 22	24 29	1 17	20 53	1 22	18 49	1 15	1 14	2 25	9 49	0 47	7 45	2 1	26 0	16 12	1 35	0 56	16 6		n.a.	T 21
W22	19 40	7 2	1 33	16 0	0 15	24 37	1 19	20 42	1 21	18 47	1 15	1 16	2 25	9 49	0 47	7 45	2 1	26 0	16 13	1 35	0 54	16 5		n.a.	W22
T 23	19 54	10 44	2 36	16 34	0 8	24 44	1 20	20 30	1 20	18 44	1 15	1 18	2 25	9 49	0 47	7 44	2 1	26 1	16 13	1 33	0 53	16 4		n.a.	T 23
F 24	20 8	13 52	3 31	17 7	0 1	24 51	1 22	20 18	1 19	18 42	1 15	1 20	2 25	9 49	0 46	7 44	2 1	26 1	16 14	1 31	0 52	16 3		n.a.	F 24
S 25	20 21	16 17	4 14	17 40	0 s 6	24 56	1 24	20 6	1 18	18 39	1 14	1 22	2 25	9 49	0 46	7 44	2 1	26 1	16 14	1 27	0 51	16 2		n.a.	S 25
S 26	20 34	17 53	4 44	18 12	0 13	25 2	1 25	19 53	1 16	18 37	1 14	1 24	2 26	9 49	0 46	7 43	2 0	26 2	16 15	1 22	0 49	16 1		n.a.	S 26
M27	20 47	18 37	5 1	18 43	0 19	25 6	1 27	19 41	1 15	18 34	1 14	1 26	2 26	9 49	0 46	7 43	2 0	26 2	16 16	1 18	0 48	16 0		n.a.	M27
T 28	20 59	18 29	5 3	19 13	0 26	25 9	1 28	19 28	1 14	18 31	1 14	1 28	2 26	9 49	0 46	7 42	2 0	26 3	16 16	1 13	0 47	15 59		n.a.	T 28
W29	21 11	17 31	4 52	19 43	0 32	25 12	1 29	19 15	1 13	18 28	1 14	1 30	2 26	9 48	0 46	7 42	2 0	26 3	16 17	1 9	0 45	15 58		n.a.	W29
T 30	21 s22	15 s48	4n28	20 s12	0 s39	25 s14	1 s31	19 s 2	1 s12	18 s26	1 s14	1 s32	2n26	9 s48	0 s46	7n41	2 s 0	26n 3	16n17	1 s 6	0 s44	15 s57		n.a.	T 30

Julian Day Number = 1627858.5, Delta T = 03h43m40s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'25, Lahiri = - 7°29'24 Julian Calendar 1 Nov. 257 BCE == Greg. Calendar 28 Oct. 257 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 257 BCE
geocentric

DECEMBER 257 BCE (-256) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 23 39	5♐57'49	12♒51	27♏54	0♑45	10♒58	12♒41	9♎29	6♓54	24°R21	1♍48	2°R38	1♎47	0♒ 8	n.a.	F 1
S 2	4 27 35	6°59'06	24°41	29°28	2° 0	11°42	12°50	9°34	6°54	24♈19	1°49	2♎35	1°43	0°15	n.a.	S 2
S 3	4 31 32	8° 0'22	6♓38	1♐ 2	3°14	12°26	13° 0	9°39	6°55	24°18	1°49	2°D34	1°40	0°22	n.a.	S 3
M 4	4 35 28	9° 1'37	18°45	2°36	4°29	13°10	13°10	9°44	6°56	24°17	1°49	2°35	1°37	0°29	n.a.	M 4
T 5	4 39 25	10° 2'52	1♈10	4°11	5°44	13°53	13°20	9°48	6°57	24°16	1°49	2°R35	1°34	0°35	n.a.	T 5
W 6	4 43 22	11° 4'07	13°56	5°46	6°58	14°37	13°30	9°53	6°57	24°15	1°49	2°35	1°31	0°42	n.a.	W 6
T 7	4 47 18	12° 5'21	27° 7	7°22	8°13	15°21	13°40	9°58	6°58	24°14	1°49	2°32	1°27	0°49	n.a.	T 7
F 8	4 51 15	13° 6'34	10♉47	8°58	9°27	16° 4	13°50	10° 2	6°59	24°13	1°R49	2°27	1°24	0°55	n.a.	F 8
S 9	4 55 11	14° 7'47	24°54	10°34	10°42	16°48	14° 1	10° 6	7° 0	24°12	1°49	2°19	1°21	1° 2	n.a.	S 9
S 10	4 59 8	15° 9'00	9♊26	12°11	11°56	17°32	14°11	10°11	7° 1	24°11	1°49	2° 9	1°18	1° 9	n.a.	S 10
M11	5 3 4	16°10'12	24°15	13°48	13°11	18°15	14°22	10°15	7° 2	24°10	1°49	1°58	1°15	1°16	n.a.	M11
T 12	5 7 1	17°11'24	9♋14	15°26	14°25	18°59	14°33	10°19	7° 3	24° 9	1°49	1°46	1°12	1°22	n.a.	T 12
W13	5 10 58	18°12'35	24°12	17° 4	15°39	19°42	14°44	10°23	7° 5	24° 8	1°49	1°36	1° 8	1°29	n.a.	W13
T 14	5 14 54	19°13'46	9♌ 1	18°43	16°54	20°26	14°55	10°27	7° 6	24° 8	1°49	1°29	1° 5	1°36	n.a.	T 14
F 15	5 18 51	20°14'57	23°33	20°22	18° 8	21°10	15° 6	10°31	7° 7	24° 7	1°48	1°24	1° 2	1°42	n.a.	F 15
S 16	5 22 47	21°16'07	7♍46	22° 2	19°22	21°53	15°17	10°35	7° 8	24° 6	1°48	1°21	0°59	1°49	n.a.	S 16
S 17	5 26 44	22°17'17	21°38	23°42	20°36	22°37	15°28	10°38	7°10	24° 5	1°48	1°D21	0°56	1°56	n.a.	S 17
M18	5 30 40	23°18'27	5♎10	25°23	21°51	23°20	15°40	10°42	7°11	24° 5	1°48	1°R21	0°53	2° 2	n.a.	M18
T 19	5 34 37	24°19'36	18°24	27° 4	23° 5	24° 4	15°51	10°46	7°13	24° 4	1°47	1°20	0°49	2° 9	n.a.	T 19
W20	5 38 33	25°20'45	1♏23	28°46	24°19	24°47	16° 3	10°49	7°14	24° 3	1°47	1°17	0°46	2°16	n.a.	W20
T 21	5 42 30	26°21'53	14° 9	0♑28	25°33	25°30	16°15	10°52	7°16	24° 3	1°46	1°12	0°43	2°23	n.a.	T 21
F 22	5 46 27	27°23'00	26°44	2°10	26°47	26°14	16°27	10°56	7°17	24° 2	1°46	1° 3	0°40	2°29	n.a.	F 22
S 23	5 50 23	28°24'07	9♐10	3°54	28° 1	26°57	16°38	10°59	7°19	24° 1	1°45	0°51	0°37	2°36	n.a.	S 23
S 24	5 54 20	29°25'13	21°26	5°37	29°15	27°41	16°50	11° 2	7°21	24° 1	1°45	0°37	0°33	2°43	n.a.	S 24
M25	5 58 16	0♑26'18	3♑35	7°21	0♒29	28°24	17° 2	11° 5	7°22	24° 0	1°44	0°22	0°30	2°49	n.a.	M25
T 26	6 2 13	1°27'23	15°37	9° 6	1°43	29° 7	17°15	11° 8	7°24	24° 0	1°44	0° 7	0°27	2°56	n.a.	T 26
W27	6 6 9	2°28'26	27°32	10°50	2°57	29°51	17°27	11°11	7°26	24° 0	1°43	29♍53	0°24	3° 3	n.a.	W27
T 28	6 10 6	3°29'27	9♒22	12°35	4°11	0♓34	17°39	11°13	7°28	23°59	1°43	29°42	0°21	3°10	n.a.	T 28
F 29	6 14 2	4°30'28	21°11	14°20	5°25	1°17	17°52	11°16	7°30	23°59	1°42	29°34	0°18	3°16	n.a.	F 29
S 30	6 17 59	5°31'27	3♓ 0	16° 5	6°39	2° 0	18° 4	11°19	7°32	23°59	1°41	29°29	0°14	3°23	n.a.	S 30
S 31	6 21 56	6♑32'25	14♓55	17♑50	7♒52	2♓44	18♒17	11♎21	7♓34	23♈58	1♍40	29♍26	0♎11	3♒30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s33	13 s26	3n53	20 s39	0 s45	25 s15	1 s32	18 s49	1 s11	18 s23	1 s13	1 s34	2n27	9 s48	0 s46	7n41	2 s 0	26n 4	16n18	1 s 4	0 s43	15 s56		n.a.
S 2	21 44	10 30	3 8	21 6	0 51	25 16	1 33	18 36	1 10	18 20	1 13	1 35	2 27	9 48	0 46	7 41	2 0	26 4	16 18	1 2	0 42	15 55		n.a.
S 3	21 54	7 7	2 14	21 32	0 57	25 15	1 34	18 22	1 9	18 17	1 13	1 37	2 27	9 47	0 46	7 40	2 0	26 5	16 19	1 2	0 40	15 54		n.a.
M 4	22 4	3 23	1 13	21 57	1 3	25 14	1 35	18 9	1 8	18 14	1 13	1 39	2 27	9 47	0 46	7 40	2 0	26 5	16 20	1 2	0 39	15 53		n.a.
T 5	22 13	0n35	0 8	22 21	1 8	25 12	1 36	17 55	1 7	18 11	1 13	1 41	2 27	9 47	0 46	7 40	2 0	26 6	16 20	1 2	0 38	15 52		n.a.
W 6	22 22	4 38	1 s 0	22 44	1 13	25 9	1 37	17 41	1 6	18 8	1 13	1 42	2 28	9 46	0 46	7 39	2 0	26 6	16 21	1 2	0 36	15 51		n.a.
T 7	22 31	8 36	2 6	23 5	1 19	25 6	1 38	17 27	1 5	18 5	1 13	1 44	2 28	9 46	0 46	7 39	2 0	26 7	16 21	1 1	0 35	15 50		n.a.
F 8	22 39	12 16	3 8	23 26	1 23	25 2	1 39	17 13	1 4	18 1	1 12	1 45	2 28	9 46	0 46	7 39	2 0	26 7	16 22	0 59	0 34	15 49		n.a.
S 9	22 46	15 20	4 0	23 45	1 28	24 57	1 40	16 59	1 2	17 58	1 12	1 47	2 28	9 45	0 46	7 38	2 0	26 8	16 23	0 56	0 33	15 48		n.a.
S 10	22 53	17 33	4 38	24 3	1 33	24 51	1 40	16 44	1 1	17 55	1 12	1 48	2 28	9 45	0 46	7 38	2 0	26 8	16 23	0 52	0 31	15 47		n.a.
M11	23 0	18 38	4 58	24 20	1 37	24 44	1 41	16 30	1 0	17 52	1 12	1 50	2 29	9 44	0 46	7 38	2 0	26 9	16 24	0 47	0 30	15 46		n.a.
T 12	23 6	18 26	4 59	24 35	1 41	24 37	1 42	16 15	0 59	17 48	1 12	1 51	2 29	9 44	0 46	7 37	2 0	26 9	16 24	0 43	0 29	15 45		n.a.
W13	23 12	16 58	4 38	24 49	1 44	24 29	1 42	16 0	0 58	17 45	1 12	1 53	2 29	9 43	0 46	7 37	2 0	26 10	16 25	0 39	0 28	15 44		n.a.
T 14	23 17	14 22	4 0	25 2	1 48	24 20	1 42	15 45	0 57	17 42	1 12	1 54	2 29	9 43	0 46	7 37	2 0	26 11	16 25	0 36	0 26	15 43		n.a.
F 15	23 22	10 55	3 6	25 13	1 51	24 11	1 43	15 30	0 56	17 38	1 12	1 55	2 30	9 42	0 46	7 37	1 59	26 11	16 26	0 34	0 25	15 42		n.a.
S 16	23 26	6 53	2 1	25 22	1 54	24 0	1 43	15 15	0 55	17 35	1 11	1 57	2 30	9 42	0 46	7 36	1 59	26 12	16 26	0 33	0 24	15 41		n.a.
S 17	23 30	2 34	0 51	25 30	1 56	23 49	1 43	15 0	0 54	17 31	1 11	1 58	2 30	9 41	0 46	7 36	1 59	26 12	16 27	0 33	0 22	15 40		n.a.
M18	23 33	1 s46	0n20	25 37	1 58	23 37	1 43	14 44	0 53	17 28	1 11	1 59	2 30	9 41	0 46	7 36	1 59	26 13	16 28	0 33	0 21	15 39		n.a.
T 19	23 36	5 56	1 29	25 41	2 0	23 25	1 43	14 29	0 52	17 24	1 11	2 0	2 30	9 40	0 45	7 36	1 59	26 14	16 28	0 32	0 20	15 38		n.a.
W20	23 38	9 44	2 32	25 44	2 1	23 12	1 43	14 13	0 51	17 20	1 11	2 1	2 31	9 39	0 45	7 36	1 59	26 14	16 29	0 31	0 19	15 37		n.a.
T 21	23 40	13 1	3 25	25 46	2 2	22 58	1 43	13 57	0 50	17 17	1 11	2 3	2 31	9 39	0 45	7 36	1 59	26 15	16 29	0 29	0 17	15 36		n.a.
F 22	23 42	15 38	4 8	25 45	2 3	22 44	1 43	13 41	0 49	17 13	1 11	2 4	2 31	9 38	0 45	7 35	1 59	26 16	16 30	0 25	0 16	15 35		n.a.
S 23	23 43	17 30	4 39	25 43	2 3	22 28	1 42	13 25	0 48	17 9	1 11	2 5	2 31	9 38	0 45	7 35	1 59	26 16	16 30	0 20	0 15	15 34		n.a.
S 24	23 43	18 32	4 56	25 38	2 2	22 13	1 42	13 9	0 47	17 6	1 11	2 6	2 32	9 37	0 45	7 35	1 59	26 17	16 31	0 15	0 13	15 33		n.a.
M25	23 43	18 42	4 59	25 32	2 2	21 56	1 42	12 53	0 46	17 2	1 10	2 7	2 32	9 36	0 45	7 35	1 59	26 18	16 31	0 9	0 12	15 31		n.a.
T 26	23 43	18 1	4 49	25 24	2 0	21 39	1 41	12 37	0 45	16 58	1 10	2 7	2 32	9 36	0 45	7 35	1 59	26 18	16 32	0 3	0 11	15 30		n.a.
W27	23 42	16 33	4 26	25 14	1 58	21 21	1 40	12 21	0 44	16 54	1 10	2 8	2 32	9 35	0 45	7 35	1 59	26 19	16 32	0n 3	0 10	15 29		n.a.
T 28	23 41	14 24	3 52	25 2	1 56	21 3	1 40	12 4	0 43	16 50	1 10	2 9	2 33	9 34	0 45	7 35	1 59	26 20	16 33	0 7	0 8	15 28		n.a.
F 29	23 39	11 39	3 7	24 48	1 52	20 44	1 39	11 48	0 42	16 46	1 10	2 10	2 33	9 33	0 45	7 35	1 59	26 21	16 33	0 10	0 7	15 27		n.a.
S 30	23 36	8 26	2 15	24 32	1 49	20 25	1 38	11 32	0 41	16 42	1 10	2 11	2 33	9 33	0 45	7 35	1 58	26 21	16 34	0 12	0 6	15 26		n.a.
S 31	23 s34	4 s51	1n16	24 s14	1 s44	20 s 5	1 s37	11 s15	0 s40	16 s38	1 s10	2 s12	2n33	9 s32	0 s45	7n35	1 s58	26n22	16n34	0n13	0 s 5	15 s25		n.a.

Julian Day Number = 1627888.5, Delta T = 03h43m39s
Ecliptic obliquity = 23°43'25, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'21, Lahiri = - 7°29'20 Julian Calendar 1 Dec. 257 BCE == Greg. Calendar 27 Nov. 257 BCE

The year -256 astronomical counting style corresponds to year 257 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

JANUARY 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 25 52	7♉33'21	26♓59	19♉34	9♒ 6	3♓27	18♒29	11♎23	7♓36	23°R58	1°R40	29°D26	0♎ 8	3♒36	n.a.	M 1
T 2	6 29 49	8°34'16	9♈19	21°17	10°20	4°10	18°42	11°26	7°38	23♈58	1♍39	29°R26	0° 5	3°43	n.a.	T 2
W 3	6 33 45	9°35'10	21°59	23° 0	11°33	4°53	18°55	11°28	7°40	23°58	1°38	29♍25	0° 2	3°50	n.a.	W 3
T 4	6 37 42	10°36'01	5♉ 5	24°42	12°47	5°36	19° 8	11°30	7°42	23°58	1°37	29°23	29♍59	3°56	n.a.	T 4
F 5	6 41 38	11°36'52	18°40	26°22	14° 0	6°19	19°20	11°32	7°44	23°57	1°36	29°19	29°55	4° 3	n.a.	F 5
S 6	6 45 35	12°37'40	2♊46	28° 0	15°14	7° 2	19°33	11°34	7°47	23°57	1°35	29°11	29°52	4°10	n.a.	S 6
S 7	6 49 31	13°38'27	17°20	29°36	16°27	7°45	19°46	11°35	7°49	23°D57	1°34	29° 2	29°49	4°17	n.a.	S 7
M 8	6 53 28	14°39'13	2♋18	1♒ 9	17°40	8°28	20° 0	11°37	7°51	23°57	1°33	28°51	29°46	4°23	n.a.	M 8
T 9	6 57 25	15°39'57	17°32	2°39	18°54	9°11	20°13	11°38	7°54	23°57	1°32	28°40	29°43	4°30	n.a.	T 9
W10	7 1 21	16°40'40	2♌49	4° 4	20° 7	9°54	20°26	11°40	7°56	23°57	1°31	28°30	29°39	4°37	n.a.	W10
T 11	7 5 18	17°41'21	17°59	5°25	21°20	10°37	20°39	11°41	7°58	23°58	1°30	28°22	29°36	4°43	n.a.	T 11
F 12	7 9 14	18°42'01	2♍52	6°40	22°33	11°20	20°53	11°42	8° 1	23°58	1°29	28°17	29°33	4°50	n.a.	F 12
S 13	7 13 11	19°42'39	17°22	7°50	23°46	12° 2	21° 6	11°44	8° 3	23°58	1°28	28°15	29°30	4°57	n.a.	S 13
S 14	7 17 7	20°43'16	1♎27	8°52	24°59	12°45	21°19	11°45	8° 6	23°58	1°27	28°D15	29°27	5° 3	n.a.	S 14
M15	7 21 4	21°43'52	15° 5	9°47	26°12	13°28	21°33	11°46	8° 9	23°58	1°26	28°15	29°24	5°10	n.a.	M15
T 16	7 25 0	22°44'26	28°20	10°34	27°24	14°11	21°46	11°46	8°11	23°59	1°25	28°R15	29°20	5°17	n.a.	T 16
W17	7 28 57	23°44'59	11♏14	11°12	28°37	14°53	22° 0	11°47	8°14	23°59	1°24	28°14	29°17	5°23	n.a.	W17
T 18	7 32 54	24°45'31	23°51	11°40	29°50	15°36	22°14	11°48	8°16	23°59	1°22	28°10	29°14	5°30	n.a.	T 18
F 19	7 36 50	25°46'01	6♐14	11°59	1♓ 2	16°19	22°27	11°48	8°19	24° 0	1°21	28° 3	29°11	5°37	n.a.	F 19
S 20	7 40 47	26°46'30	18°27	12°R 7	2°15	17° 1	22°41	11°49	8°22	24° 0	1°20	27°54	29° 8	5°44	n.a.	S 20
S 21	7 44 43	27°46'57	0♑32	12° 6	3°27	17°44	22°55	11°49	8°25	24° 0	1°19	27°43	29° 4	5°50	n.a.	S 21
M22	7 48 40	28°47'23	12°31	11°54	4°40	18°26	23° 9	11°49	8°27	24° 1	1°17	27°31	29° 1	5°57	n.a.	M22
T 23	7 52 36	29°47'47	24°25	11°33	5°52	19° 9	23°23	11°49	8°30	24° 1	1°16	27°19	28°58	6° 4	n.a.	T 23
W24	7 56 33	0♒48'09	6♒17	11° 2	7° 4	19°51	23°37	11°R49	8°33	24° 2	1°15	27° 9	28°55	6°10	n.a.	W24
T 25	8 0 30	1°48'29	18° 6	10°23	8°16	20°34	23°51	11°49	8°36	24° 3	1°13	27° 0	28°52	6°17	n.a.	T 25
F 26	8 4 26	2°48'47	29°56	9°36	9°28	21°16	24° 5	11°49	8°39	24° 3	1°12	26°54	28°49	6°24	n.a.	F 26
S 27	8 8 23	3°49'03	11♓48	8°44	10°40	21°58	24°19	11°49	8°42	24° 4	1°10	26°50	28°45	6°30	n.a.	S 27
S 28	8 12 19	4°49'17	23°46	7°46	11°52	22°41	24°33	11°48	8°45	24° 5	1° 9	26°D49	28°42	6°37	n.a.	S 28
M29	8 16 16	5°49'29	5♈53	6°45	13° 4	23°23	24°47	11°48	8°48	24° 5	1° 8	26°49	28°39	6°44	n.a.	M29
T 30	8 20 12	6°49'38	18°13	5°42	14°16	24° 5	25° 1	11°47	8°51	24° 6	1° 6	26°50	28°36	6°51	n.a.	T 30
W31	8 24 9	7♒49'46	0♉51	4♒39	15♓27	24♓47	25♒15	11♎47	8♓54	24♈ 7	1♍ 5	26♍51	28♍33	6♒57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s30	1s 1	0n13	23s54	1s39	19s44	1s36	10s58	0s39	16s34	1s10	2s12	2n34	9s31	0s45	7n35	1s58	26n23	16n35	0n14	0s 3	15s24			n.a.
T 2	23 27	2n56	0s52	23 33	1 33	19 23	1 35	10 41	0 38	16 30	1 10	2 13	2 34	9 30	0 45	7 34	1 58	26 23	16 35	0 14	0 2	15 23			n.a.
W 3	23 22	6 52	1 57	23 9	1 26	19 1	1 34	10 25	0 37	16 26	1 10	2 13	2 34	9 29	0 45	7 34	1 58	26 24	16 36	0 14	0 1	15 22			n.a.
T 4	23 18	10 36	2 57	22 44	1 19	18 39	1 33	10 8	0 36	16 22	1 10	2 14	2 34	9 28	0 45	7 34	1 58	26 25	16 36	0 15	0n 1	15 21			n.a.
F 5	23 13	13 54	3 50	22 17	1 11	18 16	1 31	9 51	0 35	16 18	1 9	2 15	2 35	9 28	0 45	7 35	1 58	26 26	16 37	0 17	0 2	15 20			n.a.
S 6	23 7	16 32	4 30	21 49	1 2	17 53	1 30	9 34	0 35	16 13	1 9	2 15	2 35	9 27	0 45	7 35	1 58	26 27	16 37	0 20	0 3	15 19			n.a.
S 7	23 1	18 13	4 55	21 19	0 52	17 30	1 28	9 17	0 34	16 9	1 9	2 15	2 35	9 26	0 45	7 35	1 58	26 27	16 38	0 23	0 4	15 18			n.a.
M 8	22 54	18 41	5 1	20 48	0 41	17 5	1 27	9 0	0 33	16 5	1 9	2 16	2 36	9 25	0 45	7 35	1 58	26 28	16 38	0 28	0 6	15 17			n.a.
T 9	22 47	17 50	4 45	20 17	0 29	16 41	1 25	8 43	0 32	16 1	1 9	2 16	2 36	9 24	0 45	7 35	1 58	26 29	16 39	0 32	0 7	15 15			n.a.
W10	22 40	15 43	4 10	19 45	0 17	16 16	1 23	8 25	0 31	15 56	1 9	2 17	2 36	9 23	0 45	7 35	1 58	26 30	16 39	0 36	0 8	15 14			n.a.
T 11	22 32	12 31	3 16	19 12	0 4	15 51	1 21	8 8	0 30	15 52	1 9	2 17	2 36	9 22	0 45	7 35	1 58	26 30	16 40	0 39	0 10	15 13			n.a.
F 12	22 24	8 33	2 10	18 40	0n10	15 25	1 20	7 51	0 29	15 48	1 9	2 17	2 37	9 21	0 45	7 35	1 58	26 31	16 40	0 41	0 11	15 12			n.a.
S 13	22 15	4 10	0 57	18 8	0 25	14 59	1 18	7 34	0 28	15 43	1 9	2 17	2 37	9 20	0 45	7 35	1 58	26 32	16 40	0 42	0 12	15 11			n.a.
S 14	22 6	0s19	0n17	17 37	0 40	14 32	1 15	7 16	0 27	15 39	1 9	2 17	2 37	9 19	0 45	7 35	1 57	26 33	16 41	0 42	0 13	15 10			n.a.
M15	21 57	4 39	1 28	17 7	0 56	14 5	1 13	6 59	0 26	15 34	1 9	2 18	2 37	9 18	0 45	7 35	1 57	26 34	16 41	0 42	0 15	15 9			n.a.
T 16	21 47	8 38	2 33	16 38	1 12	13 38	1 11	6 41	0 25	15 30	1 9	2 18	2 38	9 17	0 45	7 36	1 57	26 35	16 42	0 42	0 16	15 8			n.a.
W17	21 36	12 5	3 28	16 12	1 29	13 10	1 9	6 24	0 25	15 25	1 9	2 18	2 38	9 16	0 45	7 36	1 57	26 35	16 42	0 43	0 17	15 7			n.a.
T 18	21 26	14 54	4 11	15 48	1 45	12 42	1 7	6 6	0 24	15 21	1 9	2 18	2 38	9 15	0 44	7 36	1 57	26 36	16 42	0 44	0 18	15 6			n.a.
F 19	21 15	16 58	4 42	15 27	2 2	12 14	1 4	5 49	0 23	15 16	1 9	2 18	2 38	9 14	0 44	7 36	1 57	26 37	16 43	0 47	0 20	15 4			n.a.
S 20	21 3	18 14	5 0	15 9	2 18	11 45	1 2	5 31	0 22	15 12	1 9	2 18	2 39	9 13	0 44	7 36	1 57	26 38	16 43	0 51	0 21	15 3			n.a.
S 21	20 51	18 40	5 3	14 55	2 34	11 16	0 59	5 14	0 21	15 7	1 8	2 17	2 39	9 12	0 44	7 37	1 57	26 39	16 43	0 55	0 22	15 2			n.a.
M22	20 39	18 15	4 53	14 44	2 48	10 47	0 56	4 56	0 20	15 2	1 8	2 17	2 39	9 11	0 44	7 37	1 57	26 39	16 44	1 0	0 24	15 1			n.a.
T 23	20 26	17 3	4 31	14 36	3 2	10 18	0 54	4 38	0 19	14 58	1 8	2 17	2 40	9 10	0 44	7 37	1 57	26 40	16 44	1 5	0 25	15 0			n.a.
W24	20 13	15 6	3 57	14 33	3 15	9 48	0 51	4 21	0 18	14 53	1 8	2 17	2 40	9 9	0 44	7 37	1 57	26 41	16 45	1 9	0 26	14 59			n.a.
T 25	20 0	12 32	3 12	14 33	3 26	9 18	0 48	4 3	0 18	14 48	1 8	2 17	2 40	9 8	0 44	7 38	1 57	26 42	16 45	1 12	0 27	14 58			n.a.
F 26	19 46	9 28	2 19	14 36	3 35	8 48	0 45	3 46	0 17	14 44	1 8	2 16	2 40	9 6	0 44	7 38	1 57	26 43	16 45	1 15	0 29	14 57			n.a.
S 27	19 32	5 59	1 20	14 43	3 42	8 18	0 42	3 28	0 16	14 39	1 8	2 16	2 41	9 5	0 44	7 38	1 57	26 44	16 45	1 16	0 30	14 55			n.a.
S 28	19 17	2 15	0 16	14 53	3 47	7 48	0 39	3 10	0 15	14 34	1 8	2 16	2 41	9 4	0 44	7 39	1 56	26 44	16 46	1 17	0 31	14 54			n.a.
M29	19 2	1n37	0s49	15 5	3 50	7 17	0 36	2 53	0 14	14 29	1 8	2 15	2 41	9 3	0 44	7 39	1 56	26 45	16 46	1 17	0 33	14 53			n.a.
T 30	18 47	5 29	1 53	15 20	3 51	6 46	0 33	2 35	0 13	14 24	1 8	2 15	2 41	9 2	0 44	7 39	1 56	26 46	16 46	1 16	0 34	14 52			n.a.
W31	18s32	9n12	2s53	15s36	3n50	6s15	0s30	2s17	0s13	14s20	1s 8	2s14	2n42	9s 1	0s44	7n40	1s56	26n47	16n47	1n16	0n35	14s51			n.a.

Julian Day Number = 1627919.5, Delta T = 03h43m38s
Ecliptic obliquity = 23°43'25, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'17, Lahiri = - 7°29'16 Julian Calendar 1 Jan. 256 BCE == Greg. Calendar 28 Dec. 257 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

FEBRUARY 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 28 5	8♒49'51	13♉51	3°R37	16♓39	25♓30	25♒29	11°R46	8♓57	24♈ 8	1°R 3	26°R51	28♍30	7♒ 4	n.a.	T 1
F 2	8 32 2	9°49'54	27°18	2♒38	17°50	26°12	25°43	11♎45	9° 0	24° 8	1♍ 2	26♍50	28°26	7°11	n.a.	F 2
S 3	8 35 58	10°49'55	11♊13	1°42	19° 1	26°54	25°58	11°44	9° 3	24° 9	1° 0	26°46	28°23	7°17	n.a.	S 3
S 4	8 39 55	11°49'54	25°36	0°51	20°12	27°36	26°12	11°43	9° 6	24°10	0°59	26°41	28°20	7°24	n.a.	S 4
M 5	8 43 52	12°49'50	10♋25	0° 5	21°24	28°18	26°26	11°42	9° 9	24°11	0°57	26°35	28°17	7°31	n.a.	M 5
T 6	8 47 48	13°49'44	25°33	29♌26	22°34	29° 0	26°41	11°40	9°12	24°12	0°56	26°28	28°14	7°37	n.a.	T 6
W 7	8 51 45	14°49'36	10♌50	28°52	23°45	29°42	26°55	11°39	9°16	24°13	0°54	26°22	28°10	7°44	n.a.	W 7
T 8	8 55 41	15°49'26	26° 7	28°25	24°56	0♈24	27° 9	11°37	9°19	24°14	0°52	26°17	28° 7	7°51	n.a.	T 8
F 9	8 59 38	16°49'13	11♍11	28° 5	26° 7	1° 6	27°24	11°36	9°22	24°15	0°51	26°14	28° 4	7°57	n.a.	F 9
S 10	9 3 34	17°48'59	25°55	27°51	27°17	1°47	27°38	11°34	9°25	24°16	0°49	26°D14	28° 1	8° 4	n.a.	S 10
S 11	9 7 31	18°48'43	10♎14	27°44	28°27	2°29	27°52	11°32	9°29	24°18	0°48	26°14	27°58	8°11	n.a.	S 11
M12	9 11 27	19°48'25	24° 5	27°D42	29°38	3°11	28° 7	11°30	9°32	24°19	0°46	26°16	27°55	8°18	n.a.	M12
T 13	9 15 24	20°48'05	7♏28	27°47	0♈48	3°53	28°21	11°29	9°35	24°20	0°44	26°17	27°51	8°24	n.a.	T 13
W14	9 19 21	21°47'43	20°28	27°58	1°58	4°34	28°36	11°26	9°38	24°21	0°43	26°R18	27°48	8°31	n.a.	W14
T 15	9 23 17	22°47'20	3♐ 6	28°14	3° 8	5°16	28°50	11°24	9°42	24°22	0°41	26°17	27°45	8°38	n.a.	T 15
F 16	9 27 14	23°46'55	15°26	28°36	4°17	5°58	29° 4	11°22	9°45	24°24	0°40	26°15	27°42	8°44	n.a.	F 16
S 17	9 31 10	24°46'28	27°34	29° 2	5°27	6°39	29°19	11°20	9°48	24°25	0°38	26°12	27°39	8°51	n.a.	S 17
S 18	9 35 7	25°45'59	9♑33	29°33	6°36	7°21	29°33	11°17	9°52	24°26	0°36	26° 7	27°36	8°58	n.a.	S 18
M19	9 39 3	26°45'28	21°26	0♒ 8	7°46	8° 2	29°48	11°15	9°55	24°28	0°35	26° 2	27°32	9° 4	n.a.	M19
T 20	9 43 0	27°44'55	3♒16	0°47	8°55	8°44	0♓ 2	11°12	9°58	24°29	0°33	25°57	27°29	9°11	n.a.	T 20
W21	9 46 56	28°44'20	15° 6	1°30	10° 4	9°25	0°17	11°10	10° 2	24°30	0°31	25°52	27°26	9°18	n.a.	W21
T 22	9 50 53	29°43'42	26°57	2°17	11°13	10° 7	0°31	11° 7	10° 5	24°32	0°30	25°48	27°23	9°24	n.a.	T 22
F 23	9 54 49	0♓43'03	8♓52	3° 7	12°21	10°48	0°46	11° 4	10° 8	24°33	0°28	25°46	27°20	9°31	n.a.	F 23
S 24	9 58 46	1°42'21	20°51	4° 0	13°30	11°29	1° 0	11° 1	10°12	24°35	0°26	25°D44	27°16	9°38	n.a.	S 24
S 25	10 2 43	2°41'38	2♈59	4°56	14°38	12°11	1°15	10°58	10°15	24°36	0°25	25°45	27°13	9°45	n.a.	S 25
M26	10 6 39	3°40'51	15°15	5°55	15°47	12°52	1°29	10°55	10°19	24°38	0°23	25°46	27°10	9°51	n.a.	M26
T 27	10 10 36	4°40'03	27°44	6°57	16°55	13°33	1°44	10°52	10°22	24°39	0°21	25°47	27° 7	9°58	n.a.	T 27
W28	10 14 32	5♓39'12	10♉29	8♒ 1	18♈ 3	14♈14	1♓58	10♎49	10♓26	24♈41	0♍20	25♍49	27♍ 4	10♒ 5	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s16	12n35	3s46	15s54	3n47	5s44	0s27	2s 0	0s12	14s15	1s 8	2s14	2n42	8s59	0s44	7n40	1s56	26n48	16n47	1n16	0n36	14s50		n.a.
F 2	18 0	15 25	4 29	16 13	3 41	5 13	0 23	1 42	0 11	14 10	1 8	2 13	2 42	8 58	0 44	7 40	1 56	26 48	16 47	1 17	0 38	14 49		n.a.
S 3	17 43	17 28	4 58	16 32	3 34	4 42	0 20	1 24	0 10	14 5	1 8	2 12	2 42	8 57	0 44	7 41	1 56	26 49	16 47	1 18	0 39	14 48		n.a.
S 4	17 27	18 30	5 9	16 52	3 25	4 10	0 16	1 7	0 9	14 0	1 8	2 12	2 43	8 56	0 44	7 41	1 56	26 50	16 48	1 20	0 40	14 46		n.a.
M 5	17 10	18 19	5 0	17 11	3 15	3 39	0 13	0 49	0 9	13 55	1 8	2 11	2 43	8 55	0 44	7 42	1 56	26 51	16 48	1 23	0 41	14 45		n.a.
T 6	16 52	16 51	4 30	17 30	3 4	3 7	0 9	0 31	0 8	13 50	1 8	2 10	2 43	8 53	0 44	7 42	1 56	26 52	16 48	1 25	0 43	14 44		n.a.
W 7	16 35	14 10	3 41	17 49	2 52	2 36	0 6	0 14	0 7	13 45	1 8	2 9	2 43	8 52	0 44	7 42	1 56	26 52	16 48	1 28	0 44	14 43		n.a.
T 8	16 17	10 31	2 36	18 7	2 40	2 4	0 2	0n 4	0 6	13 40	1 8	2 9	2 44	8 51	0 44	7 43	1 56	26 53	16 48	1 30	0 45	14 42		n.a.
F 9	15 59	6 13	1 21	18 24	2 26	1 32	0n 2	0 21	0 6	13 35	1 8	2 8	2 44	8 50	0 44	7 43	1 56	26 54	16 49	1 31	0 47	14 41		n.a.
S 10	15 40	1 37	0 2	18 40	2 13	1 1	0 5	0 39	0 5	13 30	1 8	2 7	2 44	8 48	0 44	7 44	1 56	26 55	16 49	1 31	0 48	14 39		n.a.
S 11	15 22	2s56	1n16	18 55	1 59	0 29	0 9	0 56	0 4	13 25	1 8	2 6	2 44	8 47	0 44	7 44	1 56	26 55	16 49	1 31	0 49	14 38		n.a.
M12	15 3	7 11	2 26	19 9	1 45	0n 3	0 13	1 14	0 3	13 20	1 8	2 5	2 45	8 46	0 44	7 45	1 55	26 56	16 49	1 30	0 50	14 37		n.a.
T 13	14 44	10 55	3 26	19 21	1 31	0 34	0 17	1 31	0 3	13 15	1 8	2 4	2 45	8 45	0 44	7 45	1 55	26 57	16 49	1 30	0 52	14 36		n.a.
W14	14 24	14 0	4 14	19 33	1 18	1 6	0 20	1 49	0 2	13 10	1 8	2 3	2 45	8 43	0 44	7 46	1 55	26 58	16 49	1 29	0 53	14 35		n.a.
T 15	14 5	16 20	4 47	19 43	1 4	1 38	0 24	2 6	0 1	13 5	1 8	2 2	2 45	8 42	0 44	7 46	1 55	26 58	16 50	1 30	0 54	14 34		n.a.
F 16	13 45	17 50	5 7	19 51	0 51	2 9	0 28	2 23	0 0	13 0	1 8	2 1	2 45	8 41	0 44	7 47	1 55	26 59	16 50	1 30	0 56	14 32		n.a.
S 17	13 25	18 30	5 12	19 59	0 38	2 41	0 32	2 41	0n 0	12 55	1 8	2 0	2 46	8 40	0 44	7 47	1 55	27 0	16 50	1 32	0 57	14 31		n.a.
S 18	13 5	18 19	5 4	20 5	0 25	3 12	0 36	2 58	0 1	12 49	1 8	1 59	2 46	8 38	0 44	7 48	1 55	27 0	16 50	1 34	0 58	14 30		n.a.
M19	12 44	17 21	4 42	20 9	0 13	3 44	0 40	3 15	0 2	12 44	1 8	1 58	2 46	8 37	0 44	7 48	1 55	27 1	16 50	1 36	0 59	14 29		n.a.
T 20	12 24	15 37	4 9	20 12	0 1	4 15	0 44	3 32	0 3	12 39	1 8	1 56	2 46	8 36	0 44	7 49	1 55	27 2	16 50	1 38	1 1	14 28		n.a.
W21	12 3	13 14	3 25	20 14	0s10	4 46	0 48	3 50	0 3	12 34	1 8	1 55	2 46	8 34	0 44	7 50	1 55	27 3	16 50	1 40	1 2	14 27		n.a.
T 22	11 42	10 18	2 32	20 14	0 21	5 17	0 52	4 7	0 4	12 29	1 8	1 54	2 47	8 33	0 44	7 50	1 55	27 3	16 50	1 41	1 3	14 25		n.a.
F 23	11 21	6 56	1 32	20 13	0 32	5 48	0 57	4 24	0 5	12 24	1 8	1 53	2 47	8 32	0 44	7 51	1 55	27 4	16 50	1 42	1 4	14 24		n.a.
S 24	11 0	3 15	0 27	20 10	0 42	6 19	1 1	4 41	0 5	12 19	1 8	1 51	2 47	8 31	0 44	7 51	1 55	27 5	16 50	1 43	1 6	14 23		n.a.
S 25	10 38	0n35	0s40	20 6	0 52	6 50	1 5	4 58	0 6	12 13	1 8	1 50	2 47	8 29	0 44	7 52	1 55	27 5	16 50	1 43	1 7	14 22		n.a.
M26	10 17	4 27	1 46	20 0	1 1	7 20	1 9	5 15	0 7	12 8	1 8	1 48	2 47	8 28	0 44	7 53	1 55	27 6	16 50	1 42	1 8	14 21		n.a.
T 27	9 55	8 11	2 48	19 53	1 10	7 51	1 13	5 32	0 7	12 3	1 8	1 47	2 48	8 27	0 44	7 53	1 55	27 7	16 50	1 42	1 10	14 19		n.a.
W28	9s33	11n37	3s43	19s44	1s18	8n21	1n17	5n48	0n 8	11s58	1s 8	1s46	2n48	8s25	0s44	7n54	1s55	27n 7	16n50	1n41	1n11	14s18		n.a.

Julian Day Number = 1627950.5, Delta T = 03h43m37s
Ecliptic obliquity = 23°43'25, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'12, Lahiri = - 7°29'12 Julian Calendar 1 Feb. 256 BCE == Greg. Calendar 28 Jan. 256 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

MARCH 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 18 29	6♓38'19	23♉31	9♒ 8	19♈10	14♈56	2♓13	10°R46	10♓29	24♈43	0°R18	25♍50	27♍ 1	10♒11	n.a.	T 1
F 2	10 22 25	7°37'23	6♊55	10°17	20°18	15°37	2°27	10♎42	10°32	24°44	0♍17	25°R50	26°57	10°18	n.a.	F 2
S 3	10 26 22	8°36'25	20°41	11°28	21°25	16°18	2°41	10°39	10°36	24°46	0°15	25°50	26°54	10°25	n.a.	S 3
S 4	10 30 18	9°35'25	4♋50	12°42	22°32	16°59	2°56	10°35	10°39	24°48	0°13	25°49	26°51	10°31	n.a.	S 4
M 5	10 34 15	10°34'22	19°21	13°58	23°39	17°40	3°10	10°32	10°43	24°49	0°12	25°47	26°48	10°38	n.a.	M 5
T 6	10 38 12	11°33'17	4♌10	15°15	24°46	18°21	3°25	10°28	10°46	24°51	0°10	25°45	26°45	10°45	n.a.	T 6
W 7	10 42 8	12°32'09	19°10	16°35	25°53	19° 2	3°39	10°25	10°49	24°53	0° 8	25°44	26°42	10°51	n.a.	W 7
T 8	10 46 5	13°30'59	4♍14	17°56	26°59	19°43	3°53	10°21	10°53	24°55	0° 7	25°42	26°38	10°58	n.a.	T 8
F 9	10 50 1	14°29'47	19°11	19°19	28° 5	20°24	4° 8	10°17	10°56	24°56	0° 5	25°D42	26°35	11° 5	n.a.	F 9
S 10	10 53 58	15°28'33	3♎55	20°44	29°11	21° 4	4°22	10°13	11° 0	24°58	0° 4	25°42	26°32	11°11	n.a.	S 10
S 11	10 57 54	16°27'17	18°19	22°11	0♉16	21°45	4°36	10° 9	11° 3	25° 0	0° 2	25°42	26°29	11°18	n.a.	S 11
M12	11 1 51	17°25'59	2♏17	23°39	1°22	22°26	4°51	10° 5	11° 7	25° 2	0° 1	25°43	26°26	11°25	n.a.	M12
T 13	11 5 47	18°24'39	15°50	25° 9	2°27	23° 7	5° 5	10° 1	11°10	25° 4	29♌59	25°44	26°22	11°31	n.a.	T 13
W14	11 9 44	19°23'17	28°56	26°41	3°32	23°47	5°19	9°57	11°13	25° 6	29°57	25°44	26°19	11°38	n.a.	W14
T 15	11 13 40	20°21'54	11♐40	28°15	4°37	24°28	5°33	9°53	11°17	25° 8	29°56	25°45	26°16	11°45	n.a.	T 15
F 16	11 17 37	21°20'29	24° 4	29°50	5°41	25° 9	5°48	9°49	11°20	25° 9	29°54	25°R45	26°13	11°52	n.a.	F 16
S 17	11 21 34	22°19'02	6♑13	1♓27	6°45	25°49	6° 2	9°45	11°24	25°11	29°53	25°45	26°10	11°58	n.a.	S 17
S 18	11 25 30	23°17'33	18°11	3° 5	7°49	26°30	6°16	9°41	11°27	25°13	29°51	25°44	26° 7	12° 5	n.a.	S 18
M19	11 29 27	24°16'03	0♒ 3	4°45	8°53	27°10	6°30	9°37	11°30	25°15	29°50	25°44	26° 3	12°12	n.a.	M19
T 20	11 33 23	25°14'30	11°52	6°27	9°56	27°51	6°44	9°32	11°34	25°17	29°48	25°D44	26° 0	12°18	n.a.	T 20
W21	11 37 20	26°12'56	23°42	8°11	10°59	28°31	6°58	9°28	11°37	25°19	29°47	25°44	25°57	12°25	n.a.	W21
T 22	11 41 16	27°11'20	5♓37	9°56	12° 2	29°12	7°12	9°24	11°40	25°21	29°46	25°44	25°54	12°32	n.a.	T 22
F 23	11 45 13	28° 9'42	17°38	11°42	13° 5	29°52	7°26	9°19	11°44	25°23	29°44	25°44	25°51	12°38	n.a.	F 23
S 24	11 49 9	29° 8'03	29°49	13°31	14° 7	0♉32	7°40	9°15	11°47	25°25	29°43	25°R44	25°47	12°45	n.a.	S 24
S 25	11 53 6	0♈ 6'21	12♈11	15°21	15° 9	1°13	7°54	9°11	11°50	25°28	29°41	25°44	25°44	12°52	n.a.	S 25
M26	11 57 2	1° 4'38	24°44	17°13	16°10	1°53	8° 8	9° 6	11°54	25°30	29°40	25°44	25°41	12°58	n.a.	M26
T 27	12 0 59	2° 2'52	7♉31	19° 6	17°11	2°33	8°22	9° 2	11°57	25°32	29°39	25°43	25°38	13° 5	n.a.	T 27
W28	12 4 56	3° 1'04	20°31	21° 1	18°12	3°14	8°36	8°57	12° 0	25°34	29°37	25°42	25°35	13°12	n.a.	W28
T 29	12 8 52	3°59'15	3♊47	22°58	19°12	3°54	8°49	8°53	12° 3	25°36	29°36	25°41	25°32	13°18	n.a.	T 29
F 30	12 12 49	4°57'23	17°17	24°56	20°13	4°34	9° 3	8°48	12° 7	25°38	29°35	25°41	25°28	13°25	n.a.	F 30
S 31	12 16 45	5♈55'30	1♋ 4	26♓56	21♉12	5♉14	9♓17	8♎44	12♓10	25♈40	29♌34	25°D40	25♍25	13♒32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s11	14n34	4s27	19s34	1s26	8n51	1n21	6n 5	0n 9	11s53	1s 8	1s44	2n48	8s24	0s44	7n55	1s55	27n 8	16n50	1n41	1n12	14s17		n.a.
F 2	8 49	16 48	4 59	19 22	1 33	9 20	1 25	6 22	0 10	11 47	1 9	1 43	2 48	8 23	0 44	7 55	1 54	27 8	16 50	1 40	1 13	14 16		n.a.
S 3	8 26	18 9	5 15	19 9	1 40	9 50	1 30	6 38	0 10	11 42	1 9	1 41	2 48	8 21	0 44	7 56	1 54	27 9	16 50	1 41	1 15	14 15		n.a.
S 4	8 4	18 26	5 12	18 54	1 47	10 19	1 34	6 55	0 11	11 37	1 9	1 40	2 48	8 20	0 44	7 57	1 54	27 10	16 50	1 41	1 16	14 13		n.a.
M 5	7 41	17 31	4 50	18 38	1 53	10 48	1 38	7 11	0 12	11 32	1 9	1 38	2 49	8 19	0 44	7 57	1 54	27 10	16 50	1 42	1 17	14 12		n.a.
T 6	7 19	15 26	4 8	18 20	1 58	11 17	1 42	7 28	0 12	11 26	1 9	1 37	2 49	8 17	0 44	7 58	1 54	27 11	16 50	1 42	1 19	14 11		n.a.
W 7	6 56	12 16	3 9	18 0	2 3	11 45	1 46	7 44	0 13	11 21	1 9	1 35	2 49	8 16	0 44	7 59	1 54	27 11	16 50	1 43	1 20	14 10		n.a.
T 8	6 33	8 16	1 56	17 39	2 7	12 14	1 50	8 0	0 13	11 16	1 9	1 33	2 49	8 15	0 44	7 59	1 54	27 12	16 50	1 44	1 21	14 8		n.a.
F 9	6 10	3 47	0 36	17 17	2 11	12 41	1 54	8 17	0 14	11 11	1 9	1 32	2 49	8 13	0 44	8 0	1 54	27 12	16 50	1 44	1 22	14 7		n.a.
S 10	5 47	0s53	0n45	16 53	2 15	13 9	1 58	8 33	0 15	11 5	1 9	1 30	2 49	8 12	0 44	8 1	1 54	27 13	16 50	1 44	1 24	14 6		n.a.
S 11	5 24	5 23	2 2	16 27	2 18	13 36	2 2	8 49	0 15	11 0	1 9	1 29	2 49	8 11	0 44	8 1	1 54	27 13	16 50	1 44	1 25	14 5		n.a.
M12	5 1	9 27	3 9	16 0	2 20	14 3	2 6	9 5	0 16	10 55	1 9	1 27	2 50	8 10	0 44	8 2	1 54	27 14	16 50	1 43	1 26	14 4		n.a.
T 13	4 38	12 53	4 4	15 31	2 22	14 30	2 10	9 21	0 17	10 50	1 9	1 25	2 50	8 8	0 44	8 3	1 54	27 14	16 50	1 43	1 27	14 2		n.a.
W14	4 15	15 33	4 44	15 0	2 23	14 56	2 14	9 36	0 17	10 45	1 9	1 24	2 50	8 7	0 44	8 4	1 54	27 15	16 49	1 43	1 29	14 1		n.a.
T 15	3 52	17 22	5 8	14 29	2 24	15 22	2 18	9 52	0 18	10 39	1 9	1 22	2 50	8 6	0 44	8 4	1 54	27 15	16 49	1 43	1 30	14 0		n.a.
F 16	3 28	18 18	5 17	13 55	2 25	15 48	2 22	10 8	0 18	10 34	1 9	1 20	2 50	8 4	0 44	8 5	1 54	27 15	16 49	1 43	1 31	13 59		n.a.
S 17	3 5	18 23	5 12	13 20	2 25	16 13	2 26	10 23	0 19	10 29	1 9	1 18	2 50	8 3	0 44	8 6	1 54	27 16	16 49	1 43	1 33	13 57		n.a.
S 18	2 42	17 37	4 54	12 44	2 24	16 38	2 30	10 39	0 20	10 24	1 10	1 17	2 50	8 2	0 44	8 7	1 54	27 16	16 49	1 43	1 34	13 56		n.a.
M19	2 18	16 6	4 23	12 5	2 23	17 3	2 33	10 54	0 20	10 18	1 10	1 15	2 50	8 0	0 44	8 7	1 54	27 17	16 49	1 43	1 35	13 55		n.a.
T 20	1 55	13 54	3 40	11 26	2 21	17 27	2 37	11 9	0 21	10 13	1 10	1 13	2 50	7 59	0 44	8 8	1 54	27 17	16 48	1 43	1 36	13 54		n.a.
W21	1 31	11 8	2 49	10 45	2 19	17 50	2 41	11 25	0 21	10 8	1 10	1 11	2 50	7 58	0 44	8 9	1 54	27 17	16 48	1 43	1 38	13 52		n.a.
T 22	1 8	7 52	1 50	10 2	2 16	18 14	2 44	11 40	0 22	10 3	1 10	1 10	2 50	7 57	0 44	8 10	1 54	27 18	16 48	1 43	1 39	13 51		n.a.
F 23	0 44	4 15	0 45	9 18	2 13	18 36	2 48	11 55	0 23	9 58	1 10	1 8	2 51	7 55	0 44	8 10	1 54	27 18	16 48	1 43	1 40	13 50		n.a.
S 24	0 21	0 25	0s23	8 32	2 9	18 59	2 51	12 10	0 23	9 52	1 10	1 6	2 51	7 54	0 44	8 11	1 54	27 18	16 48	1 43	1 42	13 49		n.a.
S 25	0n 3	3n29	1 30	7 45	2 5	19 21	2 54	12 24	0 24	9 47	1 10	1 4	2 51	7 53	0 44	8 12	1 54	27 19	16 47	1 43	1 43	13 47		n.a.
M26	0 26	7 18	2 34	6 57	2 0	19 42	2 58	12 39	0 24	9 42	1 10	1 2	2 51	7 52	0 44	8 13	1 54	27 19	16 47	1 43	1 44	13 46		n.a.
T 27	0 49	10 51	3 32	6 7	1 54	20 3	3 1	12 54	0 25	9 37	1 10	1 1	2 51	7 50	0 44	8 14	1 54	27 19	16 47	1 43	1 45	13 45		n.a.
W28	1 13	13 55	4 19	5 16	1 48	20 24	3 4	13 8	0 25	9 32	1 10	0 59	2 51	7 49	0 44	8 14	1 53	27 20	16 47	1 44	1 47	13 44		n.a.
T 29	1 36	16 20	4 54	4 23	1 42	20 44	3 7	13 22	0 26	9 27	1 11	0 57	2 51	7 48	0 44	8 15	1 53	27 20	16 46	1 44	1 48	13 42		n.a.
F 30	2 0	17 54	5 14	3 29	1 35	21 4	3 10	13 37	0 27	9 22	1 11	0 55	2 51	7 47	0 44	8 16	1 53	27 20	16 46	1 44	1 49	13 41		n.a.
S 31	2n23	18n28	5s16	2s34	1s28	21n23	3n13	13n51	0n27	9s16	1s11	0s53	2n51	7s45	0s44	8n17	1s53	27n20	16n46	1n44	1n50	13s40		n.a.

Julian Day Number = 1627978.5, Delta T = 03h43m36s
Ecliptic obliquity = 23°43'26, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'08, Lahiri = - 7°29'08 Julian Calendar 1 March 256 BCE == Greg. Calendar 25 Feb. 256 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

APRIL 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 20 42	6♈53'34	15♋ 5	28♓58	22♉11	5♉54	9♓30	8°R39	12♓13	25♈42	29°R32	25♍40	25♍22	13♒38	n.a.	S 1
M 2	12 24 38	7°51'36	29°21	1♈ 1	23°10	6°34	9°44	8♎35	12°16	25°44	29♌31	25°41	25°19	13°45	n.a.	M 2
T 3	12 28 35	8°49'36	13♌48	3° 6	24° 9	7°14	9°58	8°30	12°19	25°47	29°30	25°42	25°16	13°52	n.a.	T 3
W 4	12 32 31	9°47'34	28°24	5°11	25° 7	7°54	10°11	8°26	12°22	25°49	29°29	25°43	25°13	13°58	n.a.	W 4
T 5	12 36 28	10°45'30	13♍ 3	7°18	26° 4	8°34	10°25	8°21	12°25	25°51	29°28	25°44	25° 9	14° 5	n.a.	T 5
F 6	12 40 25	11°43'24	27°40	9°27	27° 1	9°14	10°38	8°17	12°29	25°53	29°26	25°R44	25° 6	14°12	n.a.	F 6
S 7	12 44 21	12°41'17	12♎ 8	11°36	27°58	9°54	10°51	8°12	12°32	25°55	29°25	25°43	25° 3	14°19	n.a.	S 7
S 8	12 48 18	13°39'07	26°21	13°45	28°54	10°34	11° 5	8° 8	12°35	25°58	29°24	25°42	25° 0	14°25	n.a.	S 8
M 9	12 52 14	14°36'57	10♏16	15°55	29°49	11°14	11°18	8° 4	12°38	26° 0	29°23	25°40	24°57	14°32	n.a.	M 9
T 10	12 56 11	15°34'45	23°48	18° 6	0♊44	11°54	11°31	7°59	12°41	26° 2	29°22	25°37	24°53	14°39	n.a.	T 10
W11	13 0 7	16°32'31	6♐57	20°16	1°39	12°33	11°44	7°55	12°44	26° 4	29°21	25°34	24°50	14°45	n.a.	W11
T 12	13 4 4	17°30'16	19°45	22°26	2°33	13°13	11°57	7°50	12°47	26° 6	29°20	25°31	24°47	14°52	n.a.	T 12
F 13	13 8 0	18°28'00	2♑12	24°36	3°26	13°53	12°10	7°46	12°50	26° 9	29°19	25°30	24°44	14°59	n.a.	F 13
S 14	13 11 57	19°25'43	14°23	26°44	4°18	14°33	12°23	7°42	12°53	26°11	29°18	25°D29	24°41	15° 5	n.a.	S 14
S 15	13 15 54	20°23'25	26°22	28°52	5°10	15°12	12°36	7°37	12°55	26°13	29°17	25°29	24°38	15°12	n.a.	S 15
M16	13 19 50	21°21'05	8♒14	0♉58	6° 2	15°52	12°49	7°33	12°58	26°15	29°17	25°30	24°34	15°19	n.a.	M16
T 17	13 23 47	22°18'44	20° 4	3° 2	6°52	16°32	13° 2	7°29	13° 1	26°18	29°16	25°31	24°31	15°25	n.a.	T 17
W18	13 27 43	23°16'22	1♓56	5° 4	7°42	17°11	13°14	7°24	13° 4	26°20	29°15	25°33	24°28	15°32	n.a.	W18
T 19	13 31 40	24°13'59	13°55	7° 5	8°32	17°51	13°27	7°20	13° 7	26°22	29°14	25°34	24°25	15°39	n.a.	T 19
F 20	13 35 36	25°11'34	26° 4	9° 3	9°20	18°30	13°39	7°16	13° 9	26°24	29°13	25°R35	24°22	15°45	n.a.	F 20
S 21	13 39 33	26° 9'09	8♈26	10°58	10° 8	19°10	13°52	7°12	13°12	26°27	29°13	25°34	24°18	15°52	n.a.	S 21
S 22	13 43 29	27° 6'42	21° 4	12°51	10°55	19°49	14° 4	7° 8	13°15	26°29	29°12	25°32	24°15	15°59	n.a.	S 22
M23	13 47 26	28° 4'14	3♉57	14°41	11°41	20°29	14°17	7° 4	13°18	26°31	29°11	25°28	24°12	16° 5	n.a.	M23
T 24	13 51 22	29° 1'44	17° 6	16°29	12°26	21° 8	14°29	7° 0	13°20	26°33	29°11	25°23	24° 9	16°12	n.a.	T 24
W25	13 55 19	29°59'14	0♊31	18°14	13°11	21°48	14°41	6°56	13°23	26°36	29°10	25°18	24° 6	16°19	n.a.	W25
T 26	13 59 16	0♉56'42	14° 8	19°55	13°54	22°27	14°53	6°52	13°25	26°38	29° 9	25°13	24° 3	16°25	n.a.	T 26
F 27	14 3 12	1°54'09	27°56	21°34	14°36	23° 6	15° 5	6°48	13°28	26°40	29° 9	25° 8	23°59	16°32	n.a.	F 27
S 28	14 7 9	2°51'35	11♋54	23°10	15°18	23°46	15°17	6°44	13°30	26°42	29° 8	25° 5	23°56	16°39	n.a.	S 28
S 29	14 11 5	3°48'59	25°58	24°43	15°58	24°25	15°29	6°40	13°33	26°45	29° 8	25° 3	23°53	16°45	n.a.	S 29
M30	14 15 2	4♉46'22	10♌ 8	26♉13	16♊37	25♉ 4	15♓41	6♎37	13♓35	26♈47	29♌ 7	25°D 3	23♍50	16♒52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n46	17n54	4s59	1s38	1s20	21n41	3n16	14n 5	0n28	9s11	1s11	0s52	2n51	7s44	0s44	8n18	1s53	27n20	16n46	1n44	1n52	13s39		n.a.
M 2	3 9	16 13	4 24	0 41	1 11	21 59	3 19	14 19	0 28	9 6	1 11	0 50	2 51	7 43	0 44	8 18	1 53	27 21	16 45	1 44	1 53	13 37		n.a.
T 3	3 32	13 30	3 32	0n17	1 2	22 17	3 21	14 33	0 29	9 1	1 11	0 48	2 51	7 42	0 44	8 19	1 53	27 21	16 45	1 44	1 54	13 36		n.a.
W 4	3 55	9 54	2 26	1 16	0 53	22 34	3 24	14 46	0 29	8 56	1 11	0 46	2 51	7 40	0 44	8 20	1 53	27 21	16 45	1 43	1 56	13 35		n.a.
T 5	4 18	5 40	1 10	2 16	0 44	22 50	3 26	15 0	0 30	8 51	1 11	0 44	2 51	7 39	0 44	8 21	1 53	27 21	16 44	1 43	1 57	13 33		n.a.
F 6	4 41	1 6	0n11	3 16	0 34	23 6	3 29	15 13	0 30	8 46	1 11	0 43	2 51	7 38	0 44	8 22	1 53	27 21	16 44	1 43	1 58	13 32		n.a.
S 7	5 4	3s29	1 29	4 17	0 24	23 22	3 31	15 27	0 31	8 41	1 12	0 41	2 51	7 37	0 44	8 22	1 53	27 21	16 44	1 43	1 59	13 31		n.a.
S 8	5 27	7 47	2 41	5 17	0 13	23 37	3 33	15 40	0 31	8 36	1 12	0 39	2 51	7 36	0 44	8 23	1 53	27 21	16 43	1 44	2 1	13 30		n.a.
M 9	5 50	11 34	3 42	6 18	0 3	23 51	3 35	15 53	0 32	8 31	1 12	0 37	2 51	7 35	0 44	8 24	1 53	27 22	16 43	1 45	2 2	13 28		n.a.
T 10	6 12	14 37	4 28	7 18	0n 8	24 5	3 37	16 6	0 32	8 26	1 12	0 36	2 51	7 33	0 44	8 25	1 53	27 22	16 43	1 46	2 3	13 27		n.a.
W11	6 35	16 49	4 59	8 18	0 19	24 18	3 39	16 19	0 33	8 21	1 12	0 34	2 51	7 32	0 44	8 26	1 53	27 22	16 42	1 47	2 4	13 26		n.a.
T 12	6 57	18 7	5 14	9 17	0 29	24 31	3 40	16 31	0 33	8 16	1 12	0 32	2 51	7 31	0 44	8 27	1 53	27 22	16 42	1 48	2 6	13 24		n.a.
F 13	7 19	18 29	5 13	10 15	0 40	24 43	3 42	16 44	0 34	8 11	1 12	0 31	2 51	7 30	0 44	8 27	1 53	27 22	16 42	1 49	2 7	13 23		n.a.
S 14	7 41	18 0	4 58	11 12	0 50	24 54	3 43	16 56	0 34	8 6	1 12	0 29	2 50	7 29	0 44	8 28	1 53	27 22	16 41	1 49	2 8	13 22		n.a.
S 15	8 3	16 42	4 31	12 8	1 0	25 5	3 44	17 9	0 35	8 2	1 13	0 27	2 50	7 28	0 44	8 29	1 53	27 22	16 41	1 49	2 10	13 21		n.a.
M16	8 25	14 42	3 52	13 2	1 10	25 16	3 45	17 21	0 35	7 57	1 13	0 26	2 50	7 27	0 44	8 30	1 53	27 22	16 40	1 49	2 11	13 19		n.a.
T 17	8 47	12 4	3 3	13 54	1 19	25 26	3 46	17 33	0 36	7 52	1 13	0 24	2 50	7 26	0 44	8 31	1 53	27 22	16 40	1 48	2 12	13 18		n.a.
W18	9 9	8 57	2 6	14 44	1 28	25 35	3 47	17 45	0 36	7 47	1 13	0 22	2 50	7 25	0 44	8 31	1 53	27 22	16 40	1 47	2 13	13 17		n.a.
T 19	9 30	5 25	1 4	15 33	1 36	25 44	3 47	17 56	0 37	7 42	1 13	0 21	2 50	7 24	0 44	8 32	1 53	27 21	16 39	1 47	2 15	13 15		n.a.
F 20	9 52	1 37	0s 3	16 19	1 43	25 52	3 48	18 8	0 37	7 38	1 13	0 19	2 50	7 22	0 44	8 33	1 53	27 21	16 39	1 47	2 16	13 14		n.a.
S 21	10 13	2n19	1 10	17 2	1 50	25 59	3 48	18 19	0 38	7 33	1 14	0 18	2 50	7 21	0 44	8 34	1 53	27 21	16 38	1 47	2 17	13 13		n.a.
S 22	10 34	6 14	2 15	17 44	1 57	26 6	3 48	18 31	0 38	7 28	1 14	0 16	2 50	7 20	0 44	8 35	1 53	27 21	16 38	1 48	2 18	13 11		n.a.
M23	10 55	9 56	3 15	18 23	2 2	26 13	3 48	18 42	0 39	7 24	1 14	0 15	2 50	7 19	0 44	8 36	1 53	27 21	16 38	1 49	2 20	13 10		n.a.
T 24	11 15	13 14	4 5	19 0	2 7	26 18	3 47	18 53	0 39	7 19	1 14	0 13	2 49	7 18	0 44	8 36	1 53	27 21	16 37	1 51	2 21	13 9		n.a.
W25	11 36	15 53	4 43	19 34	2 12	26 24	3 47	19 4	0 39	7 14	1 14	0 12	2 49	7 17	0 44	8 37	1 53	27 21	16 37	1 53	2 22	13 7		n.a.
T 26	11 56	17 43	5 5	20 6	2 15	26 28	3 46	19 15	0 40	7 10	1 14	0 10	2 49	7 16	0 44	8 38	1 53	27 20	16 36	1 56	2 24	13 6		n.a.
F 27	12 17	18 32	5 11	20 35	2 18	26 33	3 45	19 25	0 40	7 5	1 14	0 9	2 49	7 15	0 44	8 39	1 53	27 20	16 36	1 57	2 25	13 5		n.a.
S 28	12 37	18 14	4 58	21 2	2 20	26 36	3 43	19 36	0 41	7 1	1 15	0 7	2 49	7 15	0 45	8 40	1 53	27 20	16 35	1 59	2 26	13 3		n.a.
S 29	12 56	16 50	4 27	21 27	2 21	26 39	3 42	19 46	0 41	6 56	1 15	0 6	2 49	7 14	0 45	8 40	1 53	27 20	16 35	1 59	2 27	13 2		n.a.
M30	13n16	14n23	3s40	21n49	2n21	26n42	3n40	19n56	0n42	6s52	1s15	0s 5	2n49	7s13	0s45	8n41	1s53	27n20	16n35	1n59	2n29	13s 1		n.a.

Julian Day Number = 1628009.5, Delta T = 03h43m35s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'04, Lahiri = - 7°29'04 Julian Calendar 1 Apr. 256 BCE == Greg. Calendar 28 March 256 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

MAY 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 18 58	5♉43'43	24♌20	27♉39	17♊15	25♉44	15♓52	6°R33	13♓38	26♈49	29°R 7	25♍ 4	23♍47	16♒59	n.a.	T 1
W 2	14 22 55	6°41'03	8♍35	29° 3	17°52	26°23	16° 4	6♎29	13°40	26°51	29♌ 7	25° 5	23°44	17° 5	n.a.	W 2
T 3	14 26 52	7°38'22	22°48	0♊23	18°28	27° 2	16°16	6°26	13°42	26°53	29° 6	25°R 6	23°40	17°12	n.a.	T 3
F 4	14 30 48	8°35'40	6♎58	1°40	19° 2	27°41	16°27	6°22	13°45	26°56	29° 6	25° 5	23°37	17°19	n.a.	F 4
S 5	14 34 45	9°32'56	21° 2	2°54	19°35	28°20	16°38	6°19	13°47	26°58	29° 6	25° 3	23°34	17°25	n.a.	S 5
S 6	14 38 41	10°30'12	4♏54	4° 5	20° 7	29° 0	16°50	6°16	13°49	27° 0	29° 5	24°58	23°31	17°32	n.a.	S 6
M 7	14 42 38	11°27'27	18°33	5°12	20°37	29°39	17° 1	6°12	13°51	27° 2	29° 5	24°52	23°28	17°39	n.a.	M 7
T 8	14 46 34	12°24'41	1♐55	6°16	21° 5	0♊18	17°12	6° 9	13°54	27° 5	29° 5	24°44	23°24	17°45	n.a.	T 8
W 9	14 50 31	13°21'54	14°58	7°16	21°32	0°57	17°23	6° 6	13°56	27° 7	29° 5	24°36	23°21	17°52	n.a.	W 9
T 10	14 54 27	14°19'07	27°42	8°13	21°58	1°36	17°34	6° 3	13°58	27° 9	29° 4	24°28	23°18	17°59	n.a.	T 10
F 11	14 58 24	15°16'19	10♑ 9	9° 6	22°22	2°15	17°44	6° 0	14° 0	27°11	29° 4	24°22	23°15	18° 5	n.a.	F 11
S 12	15 2 21	16°13'31	22°20	9°55	22°44	2°54	17°55	5°57	14° 2	27°13	29° 4	24°17	23°12	18°12	n.a.	S 12
S 13	15 6 17	17°10'43	4♒19	10°41	23° 4	3°33	18° 6	5°54	14° 4	27°15	29° 4	24°14	23° 9	18°19	n.a.	S 13
M14	15 10 14	18° 7'54	16°11	11°22	23°23	4°12	18°16	5°52	14° 6	27°17	29°D 4	24°D13	23° 5	18°25	n.a.	M14
T 15	15 14 10	19° 5'05	28° 1	12° 0	23°40	4°51	18°27	5°49	14° 8	27°20	29° 4	24°13	23° 2	18°32	n.a.	T 15
W16	15 18 7	20° 2'15	9♓54	12°33	23°54	5°30	18°37	5°46	14° 9	27°22	29° 4	24°14	22°59	18°39	n.a.	W16
T 17	15 22 3	20°59'25	21°55	13° 3	24° 7	6° 9	18°47	5°44	14°11	27°24	29° 4	24°R15	22°56	18°45	n.a.	T 17
F 18	15 26 0	21°56'35	4♈ 9	13°27	24°18	6°47	18°57	5°41	14°13	27°26	29° 4	24°14	22°53	18°52	n.a.	F 18
S 19	15 29 56	22°53'45	16°40	13°48	24°26	7°26	19° 7	5°39	14°15	27°28	29° 5	24°12	22°49	18°59	n.a.	S 19
S 20	15 33 53	23°50'54	29°30	14° 4	24°33	8° 5	19°17	5°37	14°16	27°30	29° 5	24° 7	22°46	19° 5	n.a.	S 20
M21	15 37 50	24°48'03	12♉42	14°16	24°37	8°44	19°26	5°35	14°18	27°32	29° 5	24° 1	22°43	19°12	n.a.	M21
T 22	15 41 46	25°45'12	26°14	14°23	24°R39	9°23	19°36	5°32	14°20	27°34	29° 5	23°52	22°40	19°19	n.a.	T 22
W23	15 45 43	26°42'21	10♊ 3	14°R25	24°39	10° 2	19°45	5°30	14°21	27°36	29° 6	23°42	22°37	19°25	n.a.	W23
T 24	15 49 39	27°39'29	24° 7	14°23	24°36	10°40	19°55	5°28	14°23	27°38	29° 6	23°32	22°34	19°32	n.a.	T 24
F 25	15 53 36	28°36'37	8♋20	14°16	24°31	11°19	20° 4	5°27	14°24	27°40	29° 6	23°23	22°30	19°39	n.a.	F 25
S 26	15 57 32	29°33'45	22°38	14° 5	24°24	11°58	20°13	5°25	14°25	27°42	29° 7	23°16	22°27	19°46	n.a.	S 26
S 27	16 1 29	0♊30'52	6♌55	13°50	24°14	12°37	20°22	5°23	14°27	27°44	29° 7	23°12	22°24	19°52	n.a.	S 27
M28	16 5 25	1°27'59	21°10	13°30	24° 2	13°15	20°31	5°22	14°28	27°46	29° 7	23°10	22°21	19°59	n.a.	M28
T 29	16 9 22	2°25'05	5♍18	13° 7	23°47	13°54	20°40	5°20	14°29	27°48	29° 8	23°D10	22°18	20° 6	n.a.	T 29
W30	16 13 19	3°22'11	19°21	12°41	23°30	14°33	20°48	5°19	14°31	27°50	29° 8	23°R10	22°15	20°12	n.a.	W30
T 31	16 17 15	4♊19'16	3♎16	12♊11	23♊11	15♊11	20♓57	5♎18	14♓32	27♈52	29♌ 9	23♍10	22♍11	20♒19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13n35	11n 4	2s39	22n 9	2n21	26n43	3n38	20n 6	0n42	6s47	1s15	0s 3	2n49	7s12	0s45	8n42	1s53	27n19	16n34	1n59	2n30	12s59			n.a.
W 2	13 54	7 5	1 29	22 27	2 20	26 45	3 36	20 16	0 43	6 43	1 15	0 2	2 48	7 11	0 45	8 43	1 53	27 19	16 34	1 59	2 31	12 58			n.a.
T 3	14 13	2 42	0 12	22 43	2 18	26 46	3 34	20 25	0 43	6 38	1 16	0 1	2 48	7 10	0 45	8 44	1 53	27 19	16 33	1 58	2 32	12 57			n.a.
F 4	14 32	1s49	1n 4	22 56	2 15	26 46	3 31	20 35	0 43	6 34	1 16	0n 0	2 48	7 9	0 45	8 44	1 53	27 19	16 33	1 58	2 34	12 55			n.a.
S 5	14 51	6 12	2 16	23 8	2 11	26 46	3 28	20 44	0 44	6 30	1 16	0 2	2 48	7 8	0 45	8 45	1 53	27 18	16 32	1 59	2 35	12 54			n.a.
S 6	15 9	10 12	3 18	23 17	2 7	26 45	3 24	20 53	0 44	6 26	1 16	0 3	2 48	7 7	0 45	8 46	1 53	27 18	16 32	2 1	2 36	12 53			n.a.
M 7	15 27	13 34	4 8	23 25	2 2	26 43	3 21	21 2	0 45	6 21	1 16	0 4	2 48	7 7	0 45	8 47	1 53	27 18	16 31	2 4	2 38	12 51			n.a.
T 8	15 45	16 9	4 44	23 31	1 56	26 41	3 17	21 11	0 45	6 17	1 17	0 5	2 47	7 6	0 45	8 48	1 53	27 17	16 31	2 7	2 39	12 50			n.a.
W 9	16 2	17 51	5 3	23 34	1 49	26 39	3 12	21 20	0 45	6 13	1 17	0 6	2 47	7 5	0 45	8 48	1 53	27 17	16 30	2 10	2 40	12 49			n.a.
T 10	16 20	18 35	5 7	23 37	1 42	26 36	3 8	21 28	0 46	6 9	1 17	0 7	2 47	7 4	0 45	8 49	1 53	27 16	16 30	2 13	2 41	12 47			n.a.
F 11	16 37	18 25	4 56	23 37	1 33	26 33	3 3	21 37	0 46	6 5	1 17	0 8	2 47	7 3	0 45	8 50	1 53	27 16	16 29	2 16	2 43	12 46			n.a.
S 12	16 53	17 23	4 32	23 35	1 24	26 29	2 58	21 45	0 47	6 1	1 17	0 9	2 47	7 3	0 45	8 51	1 53	27 16	16 29	2 18	2 44	12 45			n.a.
S 13	17 10	15 35	3 56	23 32	1 14	26 24	2 52	21 53	0 47	5 57	1 18	0 10	2 46	7 2	0 45	8 51	1 53	27 15	16 28	2 19	2 45	12 43			n.a.
M14	17 26	13 9	3 10	23 28	1 4	26 19	2 46	22 1	0 47	5 53	1 18	0 11	2 46	7 1	0 45	8 52	1 53	27 15	16 28	2 19	2 46	12 42			n.a.
T 15	17 42	10 11	2 16	23 22	0 53	26 13	2 39	22 8	0 48	5 49	1 18	0 12	2 46	7 1	0 45	8 53	1 53	27 14	16 28	2 19	2 48	12 41			n.a.
W16	17 58	6 46	1 16	23 15	0 41	26 7	2 33	22 16	0 48	5 45	1 18	0 13	2 46	7 0	0 45	8 54	1 53	27 14	16 27	2 19	2 49	12 39			n.a.
T 17	18 13	3 3	0 13	23 6	0 28	26 1	2 26	22 23	0 49	5 41	1 18	0 14	2 46	6 59	0 45	8 54	1 53	27 13	16 27	2 19	2 50	12 38			n.a.
F 18	18 28	0n52	0s53	22 56	0 15	25 54	2 18	22 30	0 49	5 38	1 19	0 14	2 45	6 59	0 45	8 55	1 53	27 13	16 26	2 19	2 52	12 36			n.a.
S 19	18 43	4 50	1 57	22 45	0 1	25 46	2 10	22 37	0 49	5 34	1 19	0 15	2 45	6 58	0 45	8 56	1 53	27 12	16 26	2 20	2 53	12 35			n.a.
S 20	18 57	8 40	2 57	22 32	0s14	25 38	2 2	22 44	0 50	5 30	1 19	0 16	2 45	6 57	0 45	8 57	1 53	27 12	16 25	2 22	2 54	12 34			n.a.
M21	19 12	12 12	3 49	22 19	0 28	25 29	1 53	22 51	0 50	5 26	1 19	0 16	2 45	6 57	0 45	8 57	1 53	27 11	16 25	2 24	2 55	12 32			n.a.
T 22	19 25	15 10	4 29	22 4	0 44	25 20	1 44	22 57	0 50	5 23	1 19	0 17	2 44	6 56	0 45	8 58	1 53	27 11	16 24	2 28	2 57	12 31			n.a.
W23	19 39	17 21	4 55	21 49	1 0	25 11	1 34	23 3	0 51	5 19	1 20	0 18	2 44	6 55	0 45	8 59	1 54	27 10	16 24	2 32	2 58	12 30			n.a.
T 24	19 52	18 32	5 4	21 33	1 16	25 0	1 24	23 9	0 51	5 16	1 20	0 18	2 44	6 55	0 45	8 59	1 54	27 10	16 23	2 36	2 59	12 28			n.a.
F 25	20 5	18 35	4 53	21 16	1 32	24 50	1 13	23 15	0 51	5 12	1 20	0 19	2 44	6 54	0 45	9 0	1 54	27 9	16 23	2 39	3 0	12 27			n.a.
S 26	20 18	17 27	4 25	20 58	1 48	24 39	1 2	23 21	0 52	5 9	1 20	0 19	2 43	6 54	0 45	9 1	1 54	27 9	16 22	2 42	3 2	12 25			n.a.
S 27	20 30	15 13	3 40	20 40	2 4	24 27	0 51	23 26	0 52	5 6	1 21	0 20	2 43	6 53	0 45	9 2	1 54	27 8	16 22	2 44	3 3	12 24			n.a.
M28	20 42	12 4	2 42	20 22	2 20	24 15	0 39	23 32	0 52	5 2	1 21	0 20	2 43	6 53	0 45	9 2	1 54	27 7	16 21	2 45	3 4	12 23			n.a.
T 29	20 53	8 14	1 34	20 4	2 36	24 2	0 27	23 37	0 53	4 59	1 21	0 20	2 43	6 52	0 45	9 3	1 54	27 7	16 21	2 45	3 6	12 21			n.a.
W30	21 5	3 57	0 20	19 45	2 52	23 49	0 15	23 42	0 53	4 56	1 21	0 21	2 42	6 52	0 46	9 4	1 54	27 6	16 20	2 45	3 7	12 20			n.a.
T 31	21n16	0s30	0n53	19n27	3s 6	23n35	0n 2	23n46	0n53	4s53	1s22	0n21	2n42	6s52	0s46	9n 4	1s54	27n 5	16n20	2n45	3n 8	12s18			n.a.

Julian Day Number = 1628039.5, Delta T = 03h43m34s
Ecliptic obliquity = 23°43'25, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°36'00, Lahiri = - 7°29'00 Julian Calendar 1 May 256 BCE == Greg. Calendar 27 Apr. 256 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

JUNE 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 21 12	5♊16'21	17♎ 3	11°R39	22°R49	15♊50	21♓ 5	5°R16	14♓33	27♈54	29♌ 9	23°R 8	22♍ 8	20♒26	n.a.	F 1
S 2	16 25 8	6°13'26	0♏41	11♊ 5	22♊26	16°29	21°13	5♎15	14°34	27°56	29°10	23♍ 3	22° 5	20°32	n.a.	S 2
S 3	16 29 5	7°10'31	14° 9	10°29	22° 0	17° 7	21°21	5°14	14°35	27°57	29°11	22°56	22° 2	20°39	n.a.	S 3
M 4	16 33 1	8° 7'36	27°26	9°52	21°32	17°46	21°29	5°13	14°36	27°59	29°11	22°47	21°59	20°46	n.a.	M 4
T 5	16 36 58	9° 4'41	10♐30	9°15	21° 3	18°24	21°37	5°13	14°37	28° 1	29°12	22°35	21°55	20°52	n.a.	T 5
W 6	16 40 54	10° 1'46	23°19	8°38	20°31	19° 3	21°45	5°12	14°38	28° 3	29°13	22°23	21°52	20°59	n.a.	W 6
T 7	16 44 51	10°58'52	5♑54	8° 2	19°59	19°42	21°52	5°11	14°39	28° 5	29°14	22°11	21°49	21° 6	n.a.	T 7
F 8	16 48 48	11°55'57	18°14	7°27	19°25	20°20	21°59	5°11	14°40	28° 6	29°14	22° 0	21°46	21°12	n.a.	F 8
S 9	16 52 44	12°53'04	0♒21	6°55	18°49	20°59	22° 7	5°10	14°40	28° 8	29°15	21°52	21°43	21°19	n.a.	S 9
S 10	16 56 41	13°50'10	12°18	6°26	18°13	21°37	22°14	5°10	14°41	28°10	29°16	21°46	21°40	21°26	n.a.	S 10
M11	17 0 37	14°47'17	24° 8	6° 0	17°37	22°16	22°21	5°10	14°42	28°11	29°17	21°42	21°36	21°32	n.a.	M11
T 12	17 4 34	15°44'25	5♓57	5°37	16°59	22°54	22°27	5° 9	14°42	28°13	29°18	21°41	21°33	21°39	n.a.	T 12
W13	17 8 30	16°41'34	17°49	5°19	16°22	23°33	22°34	5°D 9	14°43	28°15	29°19	21°41	21°30	21°46	n.a.	W13
T 14	17 12 27	17°38'43	29°50	5° 5	15°45	24°11	22°40	5° 9	14°43	28°16	29°20	21°41	21°27	21°52	n.a.	T 14
F 15	17 16 23	18°35'53	12♈ 6	4°57	15° 8	24°49	22°47	5°10	14°44	28°18	29°21	21°40	21°24	21°59	n.a.	F 15
S 16	17 20 20	19°33'03	24°40	4°D53	14°31	25°28	22°53	5°10	14°44	28°19	29°22	21°37	21°21	22° 5	n.a.	S 16
S 17	17 24 17	20°30'15	7♉37	4°55	13°55	26° 6	22°59	5°10	14°45	28°21	29°23	21°31	21°17	22°12	n.a.	S 17
M18	17 28 13	21°27'27	21° 0	5° 2	13°21	26°45	23° 4	5°11	14°45	28°23	29°24	21°23	21°14	22°19	n.a.	M18
T 19	17 32 10	22°24'40	4♊47	5°15	12°47	27°23	23°10	5°11	14°45	28°24	29°25	21°13	21°11	22°25	n.a.	T 19
W20	17 36 6	23°21'54	18°57	5°33	12°15	28° 2	23°16	5°12	14°46	28°26	29°26	21° 2	21° 8	22°32	n.a.	W20
T 21	17 40 3	24°19'08	3♋25	5°57	11°44	28°40	23°21	5°13	14°46	28°27	29°27	20°50	21° 5	22°39	n.a.	T 21
F 22	17 43 59	25°16'23	18° 4	6°27	11°15	29°18	23°26	5°13	14°46	28°28	29°29	20°40	21° 1	22°45	n.a.	F 22
S 23	17 47 56	26°13'39	2♌46	7° 3	10°48	29°57	23°31	5°14	14°46	28°30	29°30	20°32	20°58	22°52	n.a.	S 23
S 24	17 51 53	27°10'55	17°24	7°44	10°22	0♋35	23°36	5°15	14°R46	28°31	29°31	20°27	20°55	22°59	n.a.	S 24
M25	17 55 49	28° 8'12	1♍52	8°31	9°59	1°13	23°40	5°16	14°46	28°33	29°32	20°24	20°52	23° 5	n.a.	M25
T 26	17 59 46	29° 5'29	16° 8	9°23	9°38	1°52	23°45	5°18	14°46	28°34	29°34	20°D23	20°49	23°12	n.a.	T 26
W27	18 3 42	0♋ 2'47	0♎ 9	10°21	9°19	2°30	23°49	5°19	14°46	28°35	29°35	20°R23	20°46	23°19	n.a.	W27
T 28	18 7 39	1° 0'05	13°56	11°25	9° 3	3° 8	23°53	5°20	14°46	28°36	29°36	20°23	20°42	23°25	n.a.	T 28
F 29	18 11 35	1°57'24	27°29	12°34	8°48	3°47	23°57	5°22	14°45	28°38	29°38	20°21	20°39	23°32	n.a.	F 29
S 30	18 15 32	2♋54'44	10♏49	13♊48	8♊36	4♋25	24♓ 1	5♎23	14♓45	28♈39	29♌39	20♍16	20♍36	23♒39	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n26	4s53	2n 3	19n 9	3s20	23n21	0s11	23n51	0n54	4s50	1s22	0n21	2n42	6s51	0s46	9n 5	1s54	27n 5	16n19	2n46	3n 9	12s17		n.a.
S 2	21 36	8 58	3 5	18 51	3 33	23 6	0 24	23 55	0 54	4 47	1 22	0 21	2 42	6 51	0 46	9 5	1 54	27 4	16 19	2 47	3 11	12 16		n.a.
S 3	21 46	12 32	3 56	18 34	3 45	22 51	0 38	24 0	0 54	4 44	1 22	0 22	2 41	6 50	0 46	9 6	1 54	27 3	16 18	2 50	3 12	12 14		n.a.
M 4	21 55	15 24	4 33	18 18	3 56	22 36	0 52	24 4	0 55	4 41	1 23	0 22	2 41	6 50	0 46	9 7	1 54	27 3	16 18	2 54	3 13	12 13		n.a.
T 5	22 4	17 26	4 55	18 3	4 6	22 20	1 6	24 7	0 55	4 38	1 23	0 22	2 41	6 50	0 46	9 7	1 54	27 2	16 17	2 59	3 14	12 11		n.a.
W 6	22 13	18 33	5 1	17 49	4 14	22 3	1 20	24 11	0 55	4 35	1 23	0 22	2 41	6 49	0 46	9 8	1 54	27 1	16 17	3 4	3 16	12 10		n.a.
T 7	22 21	18 43	4 53	17 37	4 21	21 47	1 34	24 15	0 56	4 32	1 23	0 22	2 40	6 49	0 46	9 9	1 54	27 1	16 16	3 8	3 17	12 9		n.a.
F 8	22 29	18 0	4 31	17 26	4 26	21 30	1 48	24 18	0 56	4 30	1 24	0 22	2 40	6 49	0 46	9 9	1 54	27 0	16 16	3 13	3 18	12 7		n.a.
S 9	22 37	16 28	3 57	17 18	4 30	21 13	2 2	24 21	0 56	4 27	1 24	0 22	2 40	6 49	0 46	9 10	1 54	26 59	16 15	3 16	3 19	12 6		n.a.
S 10	22 44	14 14	3 13	17 11	4 32	20 56	2 16	24 24	0 57	4 24	1 24	0 22	2 40	6 48	0 46	9 10	1 54	26 58	16 15	3 18	3 21	12 4		n.a.
M11	22 51	11 26	2 20	17 6	4 32	20 39	2 30	24 26	0 57	4 22	1 25	0 22	2 39	6 48	0 46	9 11	1 54	26 58	16 15	3 20	3 22	12 3		n.a.
T 12	22 57	8 10	1 22	17 3	4 31	20 22	2 43	24 29	0 57	4 19	1 25	0 21	2 39	6 48	0 46	9 11	1 54	26 57	16 14	3 20	3 23	12 1		n.a.
W13	23 3	4 33	0 20	17 2	4 29	20 5	2 57	24 31	0 57	4 17	1 25	0 21	2 39	6 48	0 46	9 12	1 54	26 56	16 14	3 20	3 25	12 0		n.a.
T 14	23 9	0 43	0s43	17 3	4 25	19 48	3 10	24 33	0 58	4 15	1 25	0 21	2 39	6 47	0 46	9 12	1 54	26 55	16 13	3 20	3 26	11 59		n.a.
F 15	23 14	3n13	1 46	17 7	4 20	19 32	3 22	24 35	0 58	4 12	1 26	0 21	2 38	6 47	0 46	9 13	1 54	26 55	16 13	3 21	3 27	11 57		n.a.
S 16	23 18	7 6	2 45	17 12	4 14	19 16	3 35	24 37	0 58	4 10	1 26	0 20	2 38	6 47	0 46	9 14	1 54	26 54	16 12	3 22	3 28	11 56		n.a.
S 17	23 23	10 47	3 38	17 20	4 6	19 0	3 46	24 39	0 59	4 8	1 26	0 20	2 38	6 47	0 46	9 14	1 54	26 53	16 12	3 24	3 30	11 54		n.a.
M18	23 27	14 2	4 20	17 30	3 57	18 44	3 58	24 40	0 59	4 6	1 26	0 19	2 38	6 47	0 46	9 15	1 55	26 52	16 11	3 27	3 31	11 53		n.a.
T 19	23 30	16 37	4 49	17 42	3 48	18 30	4 8	24 41	0 59	4 4	1 27	0 19	2 37	6 47	0 46	9 15	1 55	26 51	16 11	3 31	3 32	11 51		n.a.
W20	23 33	18 16	5 1	17 55	3 37	18 15	4 19	24 42	0 59	4 2	1 27	0 19	2 37	6 47	0 46	9 16	1 55	26 50	16 11	3 36	3 33	11 50		n.a.
T 21	23 36	18 47	4 54	18 10	3 26	18 2	4 28	24 43	1 0	4 0	1 27	0 18	2 37	6 47	0 46	9 16	1 55	26 50	16 10	3 40	3 35	11 49		n.a.
F 22	23 38	18 4	4 28	18 27	3 14	17 49	4 37	24 43	1 0	3 59	1 28	0 17	2 36	6 47	0 46	9 16	1 55	26 49	16 10	3 44	3 36	11 47		n.a.
S 23	23 40	16 9	3 44	18 46	3 2	17 37	4 46	24 44	1 0	3 57	1 28	0 17	2 36	6 47	0 46	9 17	1 55	26 48	16 9	3 48	3 37	11 46		n.a.
S 24	23 42	13 11	2 45	19 5	2 49	17 26	4 53	24 44	1 1	3 55	1 28	0 16	2 36	6 47	0 46	9 17	1 55	26 47	16 9	3 50	3 38	11 44		n.a.
M25	23 43	9 26	1 36	19 26	2 35	17 15	5 0	24 44	1 1	3 54	1 29	0 15	2 36	6 47	0 46	9 18	1 55	26 46	16 8	3 51	3 40	11 43		n.a.
T 26	23 43	5 11	0 23	19 47	2 21	17 6	5 7	24 44	1 1	3 52	1 29	0 15	2 35	6 47	0 46	9 18	1 55	26 45	16 8	3 51	3 41	11 41		n.a.
W27	23 43	0 43	0n52	20 10	2 7	16 57	5 13	24 43	1 1	3 51	1 29	0 14	2 35	6 47	0 47	9 19	1 55	26 44	16 8	3 51	3 42	11 40		n.a.
T 28	23 43	3s42	2 1	20 33	1 53	16 49	5 18	24 43	1 2	3 49	1 29	0 13	2 35	6 47	0 47	9 19	1 55	26 44	16 7	3 51	3 44	11 38		n.a.
F 29	23 43	7 51	3 3	20 56	1 39	16 43	5 23	24 42	1 2	3 48	1 30	0 12	2 35	6 47	0 47	9 19	1 55	26 43	16 7	3 52	3 45	11 37		n.a.
S 30	23n41	11s33	3n54	21n20	1s25	16n37	5s27	24n41	1n 2	3s47	1s30	0n11	2n34	6s47	0s47	9n20	1s55	26n42	16n 6	3n54	3n46	11s36		n.a.

Julian Day Number = 1628070.5, Delta T = 03h43m33s
Ecliptic obliquity = 23°43'25, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'56, Lahiri = - 7°28'55 Julian Calendar 1 June 256 BCE == Greg. Calendar 28 May 256 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

JULY 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 19 28	3♋52'04	23♏56	15♊ 7	8°R27	5♋ 3	24♓ 4	5♎25	14°R45	28♈40	29♌41	20°R 9	20♍33	23♒45	n.a.	S 1
M 2	18 23 25	4°49'25	6♐52	16°30	8♊20	5°42	24° 8	5°27	14♓45	28°41	29°42	19♍59	20°30	23°52	n.a.	M 2
T 3	18 27 22	5°46'48	19°36	17°59	8°15	6°20	24°11	5°29	14°44	28°42	29°44	19°48	20°27	23°59	n.a.	T 3
W 4	18 31 18	6°44'11	2♑ 8	19°32	8°13	6°58	24°14	5°31	14°44	28°43	29°45	19°35	20°23	24° 5	n.a.	W 4
T 5	18 35 15	7°41'35	14°29	21° 9	8°D13	7°37	24°17	5°33	14°43	28°44	29°47	19°23	20°20	24°12	n.a.	T 5
F 6	18 39 11	8°39'01	26°39	22°51	8°15	8°15	24°19	5°35	14°43	28°45	29°48	19°13	20°17	24°19	n.a.	F 6
S 7	18 43 8	9°36'27	8♒40	24°35	8°19	8°53	24°22	5°37	14°42	28°46	29°50	19° 4	20°14	24°25	n.a.	S 7
S 8	18 47 4	10°33'55	20°32	26°24	8°26	9°31	24°24	5°39	14°41	28°47	29°52	18°58	20°11	24°32	n.a.	S 8
M 9	18 51 1	11°31'25	2♓21	28°15	8°35	10°10	24°26	5°42	14°41	28°48	29°53	18°54	20° 7	24°39	n.a.	M 9
T 10	18 54 57	12°28'55	14° 8	0♋ 9	8°46	10°48	24°28	5°44	14°40	28°49	29°55	18°D53	20° 4	24°45	n.a.	T 10
W11	18 58 54	13°26'28	25°59	2° 5	8°59	11°26	24°29	5°47	14°39	28°50	29°57	18°53	20° 1	24°52	n.a.	W11
T 12	19 2 51	14°24'01	7♈59	4° 3	9°15	12° 4	24°31	5°50	14°38	28°51	29°58	18°53	19°58	24°59	n.a.	T 12
F 13	19 6 47	15°21'37	20°13	6° 3	9°32	12°43	24°32	5°52	14°38	28°52	29°59	18°R54	19°55	25° 5	n.a.	F 13
S 14	19 10 44	16°19'14	2♉46	8° 3	9°51	13°21	24°33	5°55	14°37	28°53	0♍ 2	18°52	19°52	25°12	n.a.	S 14
S 15	19 14 40	17°16'53	15°43	10° 5	10°12	13°59	24°34	5°58	14°36	28°53	0° 4	18°49	19°48	25°19	n.a.	S 15
M16	19 18 37	18°14'33	29° 7	12° 7	10°34	14°37	24°35	6° 1	14°35	28°54	0° 5	18°43	19°45	25°25	n.a.	M16
T 17	19 22 33	19°12'15	13♊ 0	14° 9	10°58	15°15	24°35	6° 4	14°34	28°55	0° 7	18°36	19°42	25°32	n.a.	T 17
W18	19 26 30	20° 9'59	27°19	16°11	11°24	15°54	24°36	6° 8	14°33	28°55	0° 9	18°27	19°39	25°39	n.a.	W18
T 19	19 30 26	21° 7'45	12♋ 1	18°12	11°52	16°32	24°R36	6°11	14°31	28°56	0°11	18°18	19°36	25°45	n.a.	T 19
F 20	19 34 23	22° 5'32	26°58	20°14	12°21	17°10	24°36	6°14	14°30	28°57	0°13	18°10	19°33	25°52	n.a.	F 20
S 21	19 38 20	23° 3'20	12♌ 0	22°14	12°51	17°48	24°35	6°18	14°29	28°57	0°15	18° 4	19°29	25°59	n.a.	S 21
S 22	19 42 16	24° 1'10	26°59	24°14	13°23	18°27	24°35	6°21	14°28	28°58	0°17	18° 0	19°26	26° 5	n.a.	S 22
M23	19 46 13	24°59'01	11♍47	26°12	13°57	19° 5	24°34	6°25	14°26	28°58	0°18	17°D58	19°23	26°12	n.a.	M23
T 24	19 50 9	25°56'54	26°18	28°10	14°31	19°43	24°33	6°29	14°25	28°59	0°20	17°58	19°20	26°19	n.a.	T 24
W25	19 54 6	26°54'48	10♎29	0♌ 7	15° 7	20°21	24°32	6°32	14°24	28°59	0°22	17°59	19°17	26°25	n.a.	W25
T 26	19 58 2	27°52'43	24°18	2° 2	15°44	21° 0	24°31	6°36	14°22	29° 0	0°24	18°R 0	19°13	26°32	n.a.	T 26
F 27	20 1 59	28°50'40	7♏47	3°56	16°22	21°38	24°29	6°40	14°21	29° 0	0°26	18° 0	19°10	26°39	n.a.	F 27
S 28	20 5 55	29°48'38	20°58	5°49	17° 2	22°16	24°27	6°44	14°19	29° 0	0°28	17°57	19° 7	26°45	n.a.	S 28
S 29	20 9 52	0♌46'37	3♐52	7°41	17°42	22°54	24°25	6°48	14°18	29° 1	0°30	17°53	19° 4	26°52	n.a.	S 29
M30	20 13 49	1°44'39	16°32	9°31	18°24	23°32	24°23	6°52	14°16	29° 1	0°32	17°47	19° 1	26°59	n.a.	M30
T 31	20 17 45	2♌42'41	29♐ 0	11♌21	19♊ 6	24♋11	24♓21	6♎57	14♓15	29♈ 1	0♍35	17♍40	18♍58	27♒ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n40	14s36	4n31	21n43	1s10	16n32	5s31	24n40	1n 2	3s46	1s30	0n10	2n34	6s48	0s47	9n20	1s55	26n41	16n 6	3n57	3n47	11s34			n.a.
M 2	23 38	16 53	4 54	22 6	0 56	16 27	5 34	24 38	1 3	3 45	1 31	0 10	2 34	6 48	0 47	9 20	1 55	26 40	16 6	4 1	3 49	11 33			n.a.
T 3	23 36	18 18	5 1	22 28	0 42	16 24	5 37	24 37	1 3	3 44	1 31	0 9	2 33	6 48	0 47	9 21	1 55	26 39	16 5	4 5	3 50	11 31			n.a.
W 4	23 33	18 48	4 54	22 50	0 29	16 22	5 39	24 35	1 3	3 43	1 31	0 8	2 33	6 48	0 47	9 21	1 55	26 38	16 5	4 10	3 51	11 30			n.a.
T 5	23 30	18 24	4 34	23 10	0 15	16 20	5 40	24 33	1 3	3 42	1 32	0 6	2 33	6 48	0 47	9 21	1 55	26 37	16 5	4 15	3 52	11 28			n.a.
F 6	23 26	17 8	4 0	23 29	0 3	16 19	5 42	24 31	1 4	3 41	1 32	0 5	2 33	6 49	0 47	9 22	1 55	26 36	16 4	4 19	3 54	11 27			n.a.
S 7	23 22	15 9	3 17	23 46	0n10	16 19	5 42	24 29	1 4	3 40	1 32	0 4	2 32	6 49	0 47	9 22	1 56	26 35	16 4	4 23	3 55	11 25			n.a.
S 8	23 18	12 31	2 25	24 2	0 21	16 20	5 43	24 26	1 4	3 40	1 32	0 3	2 32	6 49	0 47	9 22	1 56	26 35	16 3	4 25	3 56	11 24			n.a.
M 9	23 13	9 25	1 27	24 15	0 32	16 21	5 43	24 24	1 4	3 39	1 33	0 2	2 32	6 49	0 47	9 23	1 56	26 34	16 3	4 26	3 57	11 22			n.a.
T 10	23 8	5 56	0 25	24 26	0 43	16 23	5 42	24 21	1 4	3 39	1 33	0 1	2 32	6 50	0 47	9 23	1 56	26 33	16 3	4 27	3 59	11 21			n.a.
W11	23 2	2 12	0s38	24 35	0 53	16 26	5 42	24 18	1 5	3 38	1 33	0s 1	2 31	6 50	0 47	9 23	1 56	26 32	16 2	4 27	4 0	11 19			n.a.
T 12	22 56	1n40	1 40	24 41	1 1	16 29	5 41	24 15	1 5	3 38	1 34	0 2	2 31	6 50	0 47	9 23	1 56	26 31	16 2	4 27	4 1	11 18			n.a.
F 13	22 50	5 32	2 39	24 45	1 10	16 33	5 39	24 11	1 5	3 38	1 34	0 3	2 31	6 51	0 47	9 24	1 56	26 30	16 2	4 27	4 2	11 16			n.a.
S 14	22 43	9 15	3 32	24 45	1 17	16 38	5 37	24 8	1 5	3 38	1 34	0 5	2 31	6 51	0 47	9 24	1 56	26 29	16 2	4 27	4 4	11 15			n.a.
S 15	22 35	12 39	4 16	24 43	1 23	16 43	5 36	24 4	1 5	3 38	1 35	0 6	2 30	6 52	0 47	9 24	1 56	26 28	16 1	4 29	4 5	11 13			n.a.
M16	22 28	15 31	4 48	24 39	1 29	16 48	5 33	24 0	1 6	3 38	1 35	0 8	2 30	6 52	0 47	9 24	1 56	26 27	16 1	4 31	4 6	11 12			n.a.
T 17	22 20	17 36	5 4	24 31	1 34	16 54	5 31	23 56	1 6	3 38	1 35	0 9	2 30	6 52	0 47	9 25	1 56	26 26	16 1	4 34	4 7	11 10			n.a.
W18	22 11	18 40	5 2	24 21	1 38	17 0	5 28	23 51	1 6	3 38	1 36	0 10	2 30	6 53	0 47	9 25	1 56	26 25	16 0	4 37	4 9	11 9			n.a.
T 19	22 2	18 32	4 40	24 8	1 41	17 6	5 25	23 47	1 6	3 38	1 36	0 12	2 29	6 53	0 47	9 25	1 56	26 24	16 0	4 41	4 10	11 8			n.a.
F 20	21 53	17 7	3 59	23 53	1 44	17 13	5 22	23 42	1 6	3 38	1 36	0 14	2 29	6 54	0 47	9 25	1 56	26 23	16 0	4 44	4 11	11 6			n.a.
S 21	21 44	14 30	3 1	23 36	1 46	17 20	5 19	23 37	1 7	3 39	1 36	0 15	2 29	6 54	0 47	9 25	1 56	26 22	15 59	4 46	4 13	11 5			n.a.
S 22	21 34	10 56	1 50	23 17	1 47	17 28	5 15	23 32	1 7	3 39	1 37	0 17	2 29	6 55	0 47	9 25	1 56	26 21	15 59	4 48	4 14	11 3			n.a.
M23	21 23	6 43	0 33	22 55	1 47	17 35	5 12	23 27	1 7	3 40	1 37	0 18	2 28	6 55	0 47	9 25	1 57	26 20	15 59	4 49	4 15	11 2			n.a.
T 24	21 13	2 10	0n45	22 31	1 47	17 43	5 8	23 22	1 7	3 41	1 37	0 20	2 28	6 56	0 47	9 26	1 57	26 19	15 59	4 49	4 16	11 0			n.a.
W25	21 1	2s23	1 58	22 6	1 46	17 51	5 4	23 16	1 7	3 41	1 38	0 22	2 28	6 56	0 47	9 26	1 57	26 18	15 58	4 48	4 18	10 59			n.a.
T 26	20 50	6 42	3 3	21 39	1 45	17 59	5 0	23 11	1 8	3 42	1 38	0 24	2 28	6 57	0 47	9 26	1 57	26 17	15 58	4 48	4 19	10 57			n.a.
F 27	20 38	10 33	3 56	21 10	1 43	18 7	4 56	23 5	1 8	3 43	1 38	0 25	2 28	6 58	0 48	9 26	1 57	26 16	15 58	4 48	4 20	10 55			n.a.
S 28	20 26	13 47	4 35	20 40	1 41	18 15	4 51	22 59	1 8	3 44	1 39	0 27	2 27	6 58	0 48	9 26	1 57	26 15	15 58	4 49	4 21	10 54			n.a.
S 29	20 13	16 16	4 59	20 8	1 38	18 23	4 47	22 52	1 8	3 45	1 39	0 29	2 27	6 59	0 48	9 26	1 57	26 15	15 58	4 51	4 23	10 52			n.a.
M30	20 0	17 55	5 8	19 36	1 35	18 32	4 42	22 46	1 8	3 46	1 39	0 31	2 27	7 0	0 48	9 26	1 57	26 14	15 57	4 53	4 24	10 51			n.a.
T 31	19n47	18s41	5n 2	19n 2	1n31	18n40	4s37	22n39	1n 8	3s47	1s39	0s33	2n27	7s 0	0s48	9n26	1s57	26n13	15n57	4n56	4n25	10s49			n.a.

Julian Day Number = 1628100.5, Delta T = 03h43m32s
Ecliptic obliquity = 23°43'25, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'52, Lahiri = - 7°28'51 Julian Calendar 1 July 256 BCE == Greg. Calendar 27 June 256 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

AUGUST 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 21 42	3♌40'46	11♉17	13♌ 9	19♊50	24♋49	24°R19	7♎ 1	14°R13	29♈ 1	0♍37	17°R32	18♍54	27♒12	n.a.	W 1
T 2	20 25 38	4°38'52	23°25	14°55	20°34	25°27	24♓16	7° 5	14♓11	29° 1	0°39	17♍24	18°51	27°19	n.a.	T 2
F 3	20 29 35	5°37'00	5♒24	16°41	21°20	26° 5	24°13	7°10	14°10	29° 2	0°41	17°17	18°48	27°25	n.a.	F 3
S 4	20 33 31	6°35'09	17°18	18°25	22° 6	26°43	24°10	7°14	14° 8	29° 2	0°43	17°11	18°45	27°32	n.a.	S 4
S 5	20 37 28	7°33'21	29° 7	20° 8	22°53	27°22	24° 7	7°19	14° 6	29° 2	0°45	17° 8	18°42	27°38	n.a.	S 5
M 6	20 41 24	8°31'34	10♓54	21°50	23°41	28° 0	24° 3	7°24	14° 4	29° 2	0°47	17° 6	18°39	27°45	n.a.	M 6
T 7	20 45 21	9°29'50	22°42	23°30	24°30	28°38	24° 0	7°28	14° 2	29°R 2	0°49	17°D 6	18°35	27°52	n.a.	T 7
W 8	20 49 18	10°28'07	4♈35	25°10	25°20	29°16	23°56	7°33	14° 0	29° 2	0°52	17° 7	18°32	27°58	n.a.	W 8
T 9	20 53 14	11°26'27	16°35	26°48	26°10	29°54	23°52	7°38	13°59	29° 2	0°54	17° 9	18°29	28° 5	n.a.	T 9
F 10	20 57 11	12°24'49	28°49	28°25	27° 1	0♎33	23°48	7°43	13°57	29° 2	0°56	17°10	18°26	28°12	n.a.	F 10
S 11	21 1 7	13°23'13	11♉20	0♍ 1	27°53	1°11	23°43	7°48	13°55	29° 1	0°58	17°R11	18°23	28°18	n.a.	S 11
S 12	21 5 4	14°21'39	24°13	1°36	28°45	1°49	23°39	7°53	13°53	29° 1	1° 0	17°11	18°19	28°25	n.a.	S 12
M13	21 9 0	15°20'08	7♊32	3°10	29°38	2°27	23°34	7°58	13°51	29° 1	1° 2	17° 9	18°16	28°32	n.a.	M13
T 14	21 12 57	16°18'39	21°19	4°42	0♋32	3° 6	23°29	8° 3	13°49	29° 1	1° 5	17° 6	18°13	28°38	n.a.	T 14
W15	21 16 53	17°17'12	5♋34	6°14	1°26	3°44	23°24	8° 9	13°46	29° 1	1° 7	17° 2	18°10	28°45	n.a.	W15
T 16	21 20 50	18°15'48	20°15	7°44	2°21	4°22	23°19	8°14	13°44	29° 0	1° 9	16°58	18° 7	28°52	n.a.	T 16
F 17	21 24 46	19°14'26	5♌15	9°14	3°17	5° 0	23°13	8°19	13°42	29° 0	1°11	16°54	18° 4	28°58	n.a.	F 17
S 18	21 28 43	20°13'05	20°26	10°42	4°13	5°39	23° 8	8°25	13°40	29° 0	1°14	16°51	18° 0	29° 5	n.a.	S 18
S 19	21 32 40	21°11'47	5♍38	12° 9	5° 9	6°17	23° 2	8°30	13°38	28°59	1°16	16°49	17°57	29°12	n.a.	S 19
M20	21 36 36	22°10'31	20°42	13°35	6° 6	6°55	22°56	8°36	13°36	28°59	1°18	16°D49	17°54	29°18	n.a.	M20
T 21	21 40 33	23° 9'17	5♎29	15° 0	7° 4	7°33	22°50	8°41	13°33	28°58	1°20	16°50	17°51	29°25	n.a.	T 21
W22	21 44 29	24° 8'04	19°55	16°23	8° 1	8°12	22°44	8°47	13°31	28°58	1°23	16°51	17°48	29°32	n.a.	W22
T 23	21 48 26	25° 6'54	3♏55	17°46	9° 0	8°50	22°38	8°53	13°29	28°57	1°25	16°52	17°44	29°38	n.a.	T 23
F 24	21 52 22	26° 5'45	17°30	19° 7	9°59	9°28	22°31	8°59	13°27	28°57	1°27	16°53	17°41	29°45	n.a.	F 24
S 25	21 56 19	27° 4'38	0♐41	20°27	10°58	10° 6	22°25	9° 4	13°24	28°56	1°30	16°R54	17°38	29°52	n.a.	S 25
S 26	22 0 15	28° 3'33	13°31	21°46	11°58	10°45	22°18	9°10	13°22	28°56	1°32	16°53	17°35	29°58	n.a.	S 26
M27	22 4 12	29° 2'30	26° 3	23° 3	12°58	11°23	22°11	9°16	13°20	28°55	1°34	16°51	17°32	0♓ 5	n.a.	M27
T 28	22 8 9	0♍ 1'29	8♉20	24°19	13°58	12° 1	22° 4	9°22	13°17	28°54	1°36	16°49	17°29	0°12	n.a.	T 28
W29	22 12 5	1° 0'30	20°27	25°33	14°59	12°40	21°57	9°28	13°15	28°53	1°39	16°47	17°25	0°18	n.a.	W29
T 30	22 16 2	1°59'32	2♒25	26°46	16° 1	13°18	21°50	9°34	13°13	28°53	1°41	16°44	17°22	0°25	n.a.	T 30
F 31	22 19 58	2♍58'37	14♒17	27♍56	17♋ 2	13♌56	21♓43	9♎40	13♓10	28♈52	1♍43	16♍42	17♍19	0♓31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	19n34	18s33	4n43	18n27	1n27	18n48	4s33	22n33	1n 9	3s49	1s40	0s35	2n26	7s 1	0s48	9n26	1s57	26n12	15n57	4n59	4n26	10s48			n.a.
T 2	19 20	17 33	4 10	17 52	1 22	18 56	4 28	22 26	1 9	3 50	1 40	0 37	2 26	7 2	0 48	9 26	1 57	26 11	15 57	5 2	4 28	10 46			n.a.
F 3	19 5	15 48	3 27	17 15	1 17	19 4	4 23	22 19	1 9	3 51	1 40	0 39	2 26	7 2	0 48	9 26	1 57	26 10	15 57	5 5	4 29	10 45			n.a.
S 4	18 51	13 22	2 35	16 38	1 12	19 12	4 18	22 11	1 9	3 53	1 41	0 41	2 26	7 3	0 48	9 26	1 57	26 9	15 56	5 7	4 30	10 43			n.a.
S 5	18 36	10 25	1 36	16 0	1 7	19 20	4 12	22 4	1 9	3 54	1 41	0 43	2 26	7 4	0 48	9 26	1 57	26 8	15 56	5 9	4 31	10 42			n.a.
M 6	18 21	7 3	0 34	15 22	1 1	19 27	4 7	21 56	1 9	3 56	1 41	0 45	2 25	7 4	0 48	9 26	1 57	26 7	15 56	5 9	4 33	10 40			n.a.
T 7	18 5	3 24	0s31	14 43	0 55	19 35	4 2	21 49	1 10	3 58	1 41	0 47	2 25	7 5	0 48	9 26	1 57	26 6	15 56	5 9	4 34	10 39			n.a.
W 8	17 49	0n24	1 34	14 3	0 49	19 42	3 57	21 41	1 10	3 59	1 42	0 49	2 25	7 6	0 48	9 26	1 58	26 5	15 56	5 9	4 35	10 37			n.a.
T 9	17 33	4 13	2 34	13 24	0 43	19 49	3 51	21 33	1 10	4 1	1 42	0 51	2 25	7 7	0 48	9 26	1 58	26 4	15 56	5 8	4 36	10 36			n.a.
F 10	17 17	7 56	3 29	12 43	0 36	19 55	3 46	21 25	1 10	4 3	1 42	0 53	2 25	7 7	0 48	9 26	1 58	26 3	15 56	5 8	4 38	10 34			n.a.
S 11	17 0	11 23	4 14	12 3	0 29	20 2	3 41	21 16	1 10	4 5	1 42	0 55	2 24	7 8	0 48	9 25	1 58	26 2	15 55	5 7	4 39	10 33			n.a.
S 12	16 43	14 23	4 49	11 23	0 22	20 8	3 35	21 8	1 10	4 7	1 43	0 58	2 24	7 9	0 48	9 25	1 58	26 1	15 55	5 7	4 40	10 31			n.a.
M13	16 26	16 45	5 9	10 42	0 15	20 14	3 30	20 59	1 10	4 9	1 43	1 0	2 24	7 10	0 48	9 25	1 58	26 0	15 55	5 8	4 41	10 30			n.a.
T 14	16 8	18 14	5 13	10 1	0 8	20 19	3 24	20 50	1 11	4 11	1 43	1 2	2 24	7 11	0 48	9 25	1 58	25 59	15 55	5 9	4 43	10 28			n.a.
W15	15 50	18 39	4 57	9 20	0 0	20 25	3 18	20 42	1 11	4 14	1 43	1 4	2 24	7 11	0 48	9 25	1 58	25 59	15 55	5 11	4 44	10 26			n.a.
T 16	15 32	17 51	4 22	8 39	0s 7	20 29	3 13	20 32	1 11	4 16	1 44	1 7	2 23	7 12	0 48	9 25	1 58	25 58	15 55	5 12	4 45	10 25			n.a.
F 17	15 14	15 48	3 29	7 58	0 15	20 34	3 7	20 23	1 11	4 18	1 44	1 9	2 23	7 13	0 48	9 25	1 58	25 57	15 55	5 14	4 46	10 23			n.a.
S 18	14 55	12 38	2 20	7 18	0 23	20 38	3 2	20 14	1 11	4 21	1 44	1 11	2 23	7 14	0 48	9 24	1 58	25 56	15 55	5 15	4 48	10 22			n.a.
S 19	14 36	8 36	1 1	6 37	0 30	20 42	2 56	20 4	1 11	4 23	1 44	1 14	2 23	7 15	0 48	9 24	1 58	25 55	15 55	5 16	4 49	10 20			n.a.
M20	14 17	4 3	0n21	5 57	0 38	20 45	2 50	19 55	1 11	4 26	1 44	1 16	2 23	7 16	0 48	9 24	1 58	25 54	15 55	5 16	4 50	10 19			n.a.
T 21	13 58	0s40	1 41	5 16	0 46	20 48	2 45	19 45	1 11	4 28	1 45	1 18	2 23	7 17	0 48	9 24	1 58	25 53	15 55	5 16	4 52	10 17			n.a.
W22	13 38	5 13	2 53	4 36	0 54	20 50	2 39	19 35	1 11	4 31	1 45	1 21	2 22	7 17	0 48	9 23	1 58	25 52	15 55	5 15	4 53	10 16			n.a.
T 23	13 18	9 21	3 52	3 57	1 2	20 52	2 33	19 25	1 12	4 34	1 45	1 23	2 22	7 18	0 48	9 23	1 58	25 51	15 55	5 15	4 54	10 14			n.a.
F 24	12 58	12 51	4 36	3 17	1 10	20 53	2 28	19 15	1 12	4 36	1 45	1 26	2 22	7 19	0 48	9 23	1 59	25 50	15 55	5 14	4 55	10 13			n.a.
S 25	12 38	15 35	5 4	2 38	1 18	20 54	2 22	19 4	1 12	4 39	1 45	1 28	2 22	7 20	0 48	9 23	1 59	25 50	15 55	5 14	4 57	10 11			n.a.
S 26	12 17	17 28	5 16	2 0	1 26	20 55	2 16	18 54	1 12	4 42	1 45	1 31	2 22	7 21	0 48	9 22	1 59	25 49	15 55	5 14	4 58	10 9			n.a.
M27	11 57	18 28	5 12	1 22	1 33	20 55	2 11	18 43	1 12	4 45	1 46	1 33	2 22	7 22	0 48	9 22	1 59	25 48	15 55	5 15	4 59	10 8			n.a.
T 28	11 36	18 34	4 54	0 44	1 41	20 55	2 5	18 33	1 12	4 48	1 46	1 36	2 21	7 23	0 48	9 22	1 59	25 47	15 55	5 16	5 0	10 6			n.a.
W29	11 15	17 48	4 23	0 8	1 49	20 54	1 59	18 22	1 12	4 51	1 46	1 38	2 21	7 24	0 48	9 22	1 59	25 46	15 55	5 17	5 2	10 5			n.a.
T 30	10 53	16 16	3 41	0s28	1 56	20 52	1 54	18 11	1 12	4 54	1 46	1 41	2 21	7 25	0 48	9 21	1 59	25 45	15 55	5 18	5 3	10 3			n.a.
F 31	10n32	14s 2	2n50	1s 4	2s 4	20n50	1s48	18n 0	1n12	4s57	1s46	1s43	2n21	7s26	0s48	9n21	1s59	25n45	15n55	5n19	5n 4	10s 2			n.a.

Julian Day Number = 1628131.5, Delta T = 03h43m31s
Ecliptic obliquity = 23°43'25, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'48, Lahiri = - 7°28'47 Julian Calendar 1 Aug. 256 BCE == Greg. Calendar 28 July 256 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

SEPTEMBER 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 23 55	3♍57'43	26♒ 6	29♍ 6	18♋ 4	14♌34	21°R36	9♎47	13°R 8	28°R51	1♍46	16°R41	17♍16	0♓38	n.a.	S 1
S 2	22 27 51	4°56'52	7♓54	0♎13	19° 7	15°13	21♓28	9°53	13♓ 6	28♈50	1°48	16♍40	17°13	0°45	n.a.	S 2
M 3	22 31 48	5°56'03	19°44	1°18	20°10	15°51	21°21	9°59	13° 3	28°49	1°50	16°D40	17°10	0°51	n.a.	M 3
T 4	22 35 44	6°55'16	1♈36	2°21	21°13	16°29	21°13	10° 5	13° 1	28°49	1°52	16°40	17° 6	0°58	n.a.	T 4
W 5	22 39 41	7°54'32	13°35	3°21	22°16	17° 8	21° 5	10°12	12°58	28°48	1°55	16°41	17° 3	1° 5	n.a.	W 5
T 6	22 43 37	8°53'49	25°42	4°18	23°20	17°46	20°58	10°18	12°56	28°47	1°57	16°42	17° 0	1°11	n.a.	T 6
F 7	22 47 34	9°53'09	8♉ 0	5°13	24°24	18°24	20°50	10°24	12°53	28°46	1°59	16°43	16°57	1°18	n.a.	F 7
S 8	22 51 31	10°52'32	20°34	6° 5	25°28	19° 3	20°42	10°31	12°51	28°45	2° 2	16°43	16°54	1°25	n.a.	S 8
S 9	22 55 27	11°51'57	3♊26	6°53	26°33	19°41	20°34	10°37	12°49	28°44	2° 4	16°43	16°50	1°31	n.a.	S 9
M10	22 59 24	12°51'24	16°39	7°37	27°38	20°19	20°26	10°44	12°46	28°43	2° 6	16°R44	16°47	1°38	n.a.	M10
T 11	23 3 20	13°50'54	0♋16	8°18	28°43	20°58	20°18	10°51	12°44	28°42	2° 8	16°43	16°44	1°45	n.a.	T 11
W12	23 7 17	14°50'26	14°19	8°53	29°48	21°36	20°10	10°57	12°41	28°41	2°11	16°43	16°41	1°51	n.a.	W12
T 13	23 11 13	15°50'01	28°45	9°24	0♌54	22°15	20° 2	11° 4	12°39	28°39	2°13	16°43	16°38	1°58	n.a.	T 13
F 14	23 15 10	16°49'38	13♌33	9°50	2° 0	22°53	19°54	11°10	12°36	28°38	2°15	16°D43	16°35	2° 5	n.a.	F 14
S 15	23 19 6	17°49'17	28°35	10° 9	3° 6	23°31	19°46	11°17	12°34	28°37	2°17	16°43	16°31	2°11	n.a.	S 15
S 16	23 23 3	18°48'59	13♍44	10°22	4°13	24°10	19°38	11°24	12°32	28°36	2°20	16°R43	16°28	2°18	n.a.	S 16
M17	23 27 0	19°48'42	28°51	10°R28	5°19	24°48	19°29	11°31	12°29	28°35	2°22	16°43	16°25	2°25	n.a.	M17
T 18	23 30 56	20°48'28	13♎47	10°26	6°26	25°27	19°21	11°37	12°27	28°33	2°24	16°43	16°22	2°31	n.a.	T 18
W19	23 34 53	21°48'16	28°23	10°17	7°34	26° 5	19°13	11°44	12°24	28°32	2°26	16°42	16°19	2°38	n.a.	W19
T 20	23 38 49	22°48'05	12♏35	9°59	8°41	26°44	19° 5	11°51	12°22	28°31	2°28	16°42	16°15	2°44	n.a.	T 20
F 21	23 42 46	23°47'57	26°20	9°32	9°49	27°22	18°57	11°58	12°20	28°29	2°31	16°41	16°12	2°51	n.a.	F 21
S 22	23 46 42	24°47'50	9♐38	8°57	10°56	28° 0	18°49	12° 5	12°17	28°28	2°33	16°40	16° 9	2°58	n.a.	S 22
S 23	23 50 39	25°47'45	22°32	8°12	12° 4	28°39	18°41	12°12	12°15	28°27	2°35	16°D40	16° 6	3° 4	n.a.	S 23
M24	23 54 35	26°47'42	5♑ 3	7°19	13°13	29°17	18°33	12°18	12°13	28°25	2°37	16°40	16° 3	3°11	n.a.	M24
T 25	23 58 32	27°47'40	17°17	6°18	14°21	29°56	18°25	12°25	12°10	28°24	2°39	16°41	16° 0	3°18	n.a.	T 25
W26	0 2 28	28°47'41	29°19	5°11	15°29	0♍34	18°17	12°32	12° 8	28°23	2°41	16°42	15°56	3°24	n.a.	W26
T 27	0 6 25	29°47'43	11♒12	3°58	16°38	1°13	18° 9	12°39	12° 6	28°21	2°43	16°43	15°53	3°31	n.a.	T 27
F 28	0 10 22	0♎47'47	23° 0	2°42	17°47	1°51	18° 2	12°46	12° 3	28°20	2°45	16°44	15°50	3°38	n.a.	F 28
S 29	0 14 18	1°47'52	4♓48	1°25	18°56	2°30	17°54	12°53	12° 1	28°18	2°47	16°45	15°47	3°44	n.a.	S 29
S 30	0 18 15	2♎48'00	16♓38	0♎ 9	20♌ 6	3♍ 8	17♓46	13♎ 0	11♓59	28♈17	2♍50	16°R46	15♍44	3♓51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n10	11s13	1n52	1s38	2s11	20n47	1s43	17n49	1n12	5s 0	1s46	1s46	2n21	7s27	0s48	9n21	1s59	25n44	15n55	5n19	5n 5	10s 0		n.a.
S 2	9 49	7 57	0 48	2 12	2 18	20 44	1 37	17 37	1 13	5 3	1 46	1 48	2 21	7 28	0 48	9 20	1 59	25 43	15 55	5 19	5 7	9 58		n.a.
M 3	9 27	4 22	0s17	2 44	2 25	20 41	1 32	17 26	1 13	5 6	1 46	1 51	2 21	7 28	0 48	9 20	1 59	25 42	15 55	5 19	5 8	9 57		n.a.
T 4	9 4	0 36	1 22	3 16	2 32	20 36	1 26	17 14	1 13	5 9	1 47	1 54	2 21	7 29	0 48	9 20	1 59	25 41	15 55	5 19	5 9	9 55		n.a.
W 5	8 42	3n13	2 24	3 46	2 39	20 32	1 21	17 2	1 13	5 12	1 47	1 56	2 20	7 30	0 48	9 19	1 59	25 41	15 55	5 19	5 10	9 54		n.a.
T 6	8 20	6 56	3 20	4 15	2 45	20 26	1 16	16 51	1 13	5 15	1 47	1 59	2 20	7 31	0 48	9 19	1 59	25 40	15 55	5 19	5 12	9 52		n.a.
F 7	7 57	10 25	4 8	4 42	2 51	20 20	1 10	16 39	1 13	5 19	1 47	2 1	2 20	7 32	0 48	9 18	1 59	25 39	15 55	5 18	5 13	9 50		n.a.
S 8	7 34	13 31	4 46	5 8	2 57	20 14	1 5	16 27	1 13	5 22	1 47	2 4	2 20	7 33	0 48	9 18	1 59	25 38	15 56	5 18	5 14	9 49		n.a.
S 9	7 12	16 1	5 10	5 32	3 2	20 7	1 0	16 15	1 13	5 25	1 47	2 7	2 20	7 34	0 48	9 18	1 59	25 38	15 56	5 18	5 15	9 47		n.a.
M10	6 49	17 46	5 18	5 54	3 6	19 59	0 55	16 2	1 13	5 28	1 47	2 9	2 20	7 35	0 48	9 17	1 59	25 37	15 56	5 18	5 17	9 46		n.a.
T 11	6 26	18 34	5 9	6 14	3 11	19 51	0 49	15 50	1 13	5 31	1 47	2 12	2 20	7 36	0 48	9 17	2 0	25 36	15 56	5 18	5 18	9 44		n.a.
W12	6 2	18 16	4 42	6 32	3 14	19 43	0 44	15 37	1 13	5 35	1 47	2 15	2 20	7 37	0 48	9 16	2 0	25 35	15 56	5 18	5 19	9 43		n.a.
T 13	5 39	16 48	3 57	6 47	3 17	19 33	0 39	15 25	1 13	5 38	1 47	2 18	2 19	7 38	0 48	9 16	2 0	25 35	15 56	5 18	5 20	9 41		n.a.
F 14	5 16	14 10	2 54	6 59	3 19	19 23	0 34	15 12	1 13	5 41	1 47	2 20	2 19	7 39	0 48	9 15	2 0	25 34	15 56	5 18	5 22	9 39		n.a.
S 15	4 52	10 33	1 39	7 8	3 20	19 13	0 29	14 59	1 13	5 44	1 47	2 23	2 19	7 40	0 48	9 15	2 0	25 33	15 57	5 18	5 23	9 38		n.a.
S 16	4 29	6 13	0 17	7 13	3 20	19 2	0 25	14 47	1 13	5 48	1 47	2 26	2 19	7 41	0 48	9 14	2 0	25 33	15 57	5 18	5 24	9 36		n.a.
M17	4 5	1 29	1n 7	7 14	3 19	18 51	0 20	14 34	1 14	5 51	1 47	2 28	2 19	7 42	0 48	9 14	2 0	25 32	15 57	5 18	5 25	9 35		n.a.
T 18	3 41	3s17	2 25	7 12	3 17	18 38	0 15	14 21	1 14	5 54	1 47	2 31	2 19	7 43	0 48	9 13	2 0	25 31	15 57	5 18	5 27	9 33		n.a.
W19	3 17	7 44	3 32	7 5	3 14	18 26	0 10	14 7	1 14	5 57	1 47	2 34	2 19	7 43	0 48	9 13	2 0	25 31	15 57	5 18	5 28	9 31		n.a.
T 20	2 53	11 37	4 23	6 53	3 9	18 13	0 6	13 54	1 14	6 0	1 47	2 37	2 19	7 44	0 48	9 12	2 0	25 30	15 58	5 19	5 29	9 30		n.a.
F 21	2 29	14 44	4 58	6 36	3 2	17 59	0 1	13 41	1 14	6 4	1 47	2 39	2 19	7 45	0 48	9 12	2 0	25 29	15 58	5 19	5 30	9 28		n.a.
S 22	2 5	16 58	5 15	6 14	2 54	17 45	0n 3	13 27	1 14	6 7	1 47	2 42	2 19	7 46	0 48	9 11	2 0	25 29	15 58	5 19	5 32	9 26		n.a.
S 23	1 41	18 15	5 16	5 47	2 43	17 30	0 8	13 14	1 14	6 10	1 47	2 45	2 19	7 47	0 48	9 11	2 0	25 28	15 58	5 19	5 33	9 25		n.a.
M24	1 17	18 36	5 2	5 15	2 31	17 14	0 12	13 0	1 14	6 13	1 47	2 48	2 19	7 48	0 48	9 10	2 0	25 28	15 59	5 19	5 34	9 23		n.a.
T 25	0 53	18 4	4 34	4 38	2 17	16 59	0 16	12 47	1 14	6 16	1 47	2 51	2 18	7 49	0 48	9 10	2 0	25 27	15 59	5 19	5 35	9 22		n.a.
W26	0 29	16 43	3 54	3 56	2 1	16 42	0 20	12 33	1 14	6 19	1 47	2 53	2 18	7 50	0 48	9 9	2 0	25 26	15 59	5 19	5 37	9 20		n.a.
T 27	0 5	14 40	3 5	3 11	1 44	16 25	0 24	12 19	1 14	6 22	1 46	2 56	2 18	7 51	0 48	9 9	2 0	25 26	15 59	5 18	5 38	9 18		n.a.
F 28	0s19	12 0	2 8	2 23	1 25	16 8	0 28	12 5	1 14	6 25	1 46	2 59	2 18	7 51	0 48	9 8	2 0	25 25	16 0	5 18	5 39	9 17		n.a.
S 29	0 43	8 51	1 6	1 34	1 5	15 50	0 32	11 51	1 14	6 28	1 46	3 2	2 18	7 52	0 48	9 8	2 0	25 25	16 0	5 17	5 40	9 15		n.a.
S 30	1s 8	5s20	0n 1	0s44	0s45	15n32	0n36	11n37	1n14	6s31	1s46	3s 5	2n18	7s53	0s48	9n 7	2s 0	25n24	16n 0	5n17	5n42	9s14		n.a.

Julian Day Number = 1628162.5, Delta T = 03h43m30s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'43, Lahiri = - 7°28'43 Julian Calendar 1 Sept. 256 BCE == Greg. Calendar 28 Aug. 256 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

OCTOBER 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 22 11	3♎48'09	28♓32	28°R56	21♌15	3♍47	17°R39	13♎ 7	11°R57	28°R15	2♍52	16°R45	15♍41	3♓58	n.a.	M 1
T 2	0 26 8	4°48'20	10♈34	27♍49	22°25	4°25	17♓31	13°14	11♓54	28♈14	2°54	16♍44	15°37	4° 4	n.a.	T 2
W 3	0 30 4	5°48'33	22°44	26°51	23°34	5° 4	17°24	13°21	11°52	28°12	2°56	16°42	15°34	4°11	n.a.	W 3
T 4	0 34 1	6°48'48	5♉ 4	26° 1	24°44	5°42	17°17	13°28	11°50	28°11	2°58	16°39	15°31	4°18	n.a.	T 4
F 5	0 37 57	7°49'05	17°36	25°23	25°55	6°21	17°10	13°35	11°48	28° 9	3° 0	16°35	15°28	4°24	n.a.	F 5
S 6	0 41 54	8°49'24	0♊21	24°56	27° 5	6°59	17° 3	13°43	11°46	28° 7	3° 2	16°32	15°25	4°31	n.a.	S 6
S 7	0 45 51	9°49'46	13°20	24°40	28°15	7°38	16°56	13°50	11°44	28° 6	3° 3	16°29	15°21	4°37	n.a.	S 7
M 8	0 49 47	10°50'09	26°36	24°D36	29°26	8°17	16°49	13°57	11°42	28° 4	3° 5	16°27	15°18	4°44	n.a.	M 8
T 9	0 53 44	11°50'34	10♋ 8	24°44	0♍37	8°55	16°42	14° 4	11°40	28° 3	3° 7	16°D26	15°15	4°51	n.a.	T 9
W10	0 57 40	12°51'02	23°59	25° 2	1°47	9°34	16°36	14°11	11°38	28° 1	3° 9	16°27	15°12	4°57	n.a.	W10
T 11	1 1 37	13°51'31	8♌ 8	25°29	2°58	10°12	16°30	14°18	11°36	27°59	3°11	16°28	15° 9	5° 4	n.a.	T 11
F 12	1 5 33	14°52'03	22°34	26° 6	4°10	10°51	16°23	14°25	11°34	27°58	3°13	16°29	15° 6	5°11	n.a.	F 12
S 13	1 9 30	15°52'36	7♍14	26°50	5°21	11°30	16°17	14°32	11°32	27°56	3°15	16°31	15° 2	5°17	n.a.	S 13
S 14	1 13 26	16°53'11	22° 4	27°42	6°32	12° 8	16°11	14°39	11°30	27°54	3°17	16°R31	14°59	5°24	n.a.	S 14
M15	1 17 23	17°53'48	6♎57	28°40	7°44	12°47	16° 5	14°46	11°28	27°53	3°18	16°29	14°56	5°31	n.a.	M15
T 16	1 21 19	18°54'27	21°45	29°43	8°55	13°25	16° 0	14°53	11°26	27°51	3°20	16°26	14°53	5°37	n.a.	T 16
W17	1 25 16	19°55'07	6♏19	0♎51	10° 7	14° 4	15°54	15° 1	11°25	27°49	3°22	16°22	14°50	5°44	n.a.	W17
T 18	1 29 13	20°55'49	20°34	2° 4	11°19	14°43	15°49	15° 8	11°23	27°48	3°23	16°16	14°46	5°51	n.a.	T 18
F 19	1 33 9	21°56'32	4♐25	3°19	12°31	15°21	15°44	15°15	11°21	27°46	3°25	16°11	14°43	5°57	n.a.	F 19
S 20	1 37 6	22°57'17	17°50	4°38	13°43	16° 0	15°39	15°22	11°20	27°44	3°27	16° 5	14°40	6° 4	n.a.	S 20
S 21	1 41 2	23°58'03	0♑48	5°59	14°55	16°39	15°34	15°29	11°18	27°43	3°28	16° 1	14°37	6°11	n.a.	S 21
M22	1 44 59	24°58'50	13°24	7°23	16° 7	17°17	15°29	15°36	11°16	27°41	3°30	15°59	14°34	6°17	n.a.	M22
T 23	1 48 55	25°59'38	25°39	8°48	17°19	17°56	15°25	15°43	11°15	27°39	3°32	15°D58	14°31	6°24	n.a.	T 23
W24	1 52 52	27° 0'27	7♒40	10°15	18°32	18°35	15°21	15°50	11°13	27°38	3°33	15°59	14°27	6°30	n.a.	W24
T 25	1 56 48	28° 1'17	19°32	11°43	19°44	19°13	15°17	15°57	11°12	27°36	3°35	16° 0	14°24	6°37	n.a.	T 25
F 26	2 0 45	29° 2'09	1♓19	13°12	20°57	19°52	15°13	16° 4	11°11	27°34	3°36	16° 2	14°21	6°44	n.a.	F 26
S 27	2 4 42	0♏ 3'01	13° 7	14°41	22°10	20°31	15° 9	16°11	11° 9	27°32	3°38	16°R 3	14°18	6°50	n.a.	S 27
S 28	2 8 38	1° 3'54	25° 0	16°12	23°22	21°10	15° 6	16°18	11° 8	27°31	3°39	16° 2	14°15	6°57	n.a.	S 28
M29	2 12 35	2° 4'49	7♈ 2	17°43	24°35	21°48	15° 2	16°25	11° 7	27°29	3°41	16° 0	14°12	7° 4	n.a.	M29
T 30	2 16 31	3° 5'44	19°14	19°15	25°48	22°27	14°59	16°32	11° 5	27°27	3°42	15°55	14° 8	7°10	n.a.	T 30
W31	2 20 28	4♏ 6'41	1♉39	20♎47	27♍ 1	23♍ 6	14♓56	16♎38	11♓ 4	27♈26	3♍43	15♍48	14♍ 5	7♓17	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1s32	1s35	1s 5	0n 4	0s24	15n13	0n40	11n23	1n14	6s34	1s46	3s 7	2n18	7s54	0s48	9n 7	2s 0	25n24	16n 0	5n17	5n43	9s12			n.a.
T 2	1 56	2n16	2 8	0 49	0 4	14 54	0 44	11 9	1 14	6 36	1 46	3 10	2 18	7 55	0 48	9 6	2 0	25 23	16 1	5 18	5 44	9 10			n.a.
W 3	2 20	6 4	3 6	1 31	0n16	14 34	0 47	10 55	1 14	6 39	1 46	3 13	2 18	7 56	0 48	9 5	2 0	25 23	16 1	5 19	5 45	9 9			n.a.
T 4	2 44	9 40	3 56	2 8	0 35	14 13	0 51	10 40	1 14	6 42	1 46	3 16	2 18	7 57	0 48	9 5	2 0	25 22	16 1	5 20	5 47	9 7			n.a.
F 5	3 8	12 52	4 36	2 39	0 52	13 53	0 54	10 26	1 14	6 45	1 45	3 19	2 18	7 57	0 48	9 4	2 0	25 22	16 2	5 21	5 48	9 5			n.a.
S 6	3 32	15 32	5 3	3 5	1 8	13 32	0 57	10 11	1 14	6 47	1 45	3 21	2 18	7 58	0 48	9 4	2 0	25 21	16 2	5 23	5 49	9 4			n.a.
S 7	3 56	17 28	5 14	3 24	1 22	13 10	1 1	9 57	1 14	6 50	1 45	3 24	2 18	7 59	0 48	9 3	2 0	25 21	16 2	5 24	5 50	9 2			n.a.
M 8	4 20	18 31	5 10	3 37	1 35	12 48	1 4	9 42	1 14	6 52	1 45	3 27	2 18	8 0	0 48	9 2	2 0	25 21	16 3	5 25	5 51	9 0			n.a.
T 9	4 44	18 32	4 49	3 44	1 45	12 26	1 7	9 27	1 14	6 55	1 45	3 30	2 18	8 0	0 48	9 2	2 0	25 20	16 3	5 25	5 53	8 59			n.a.
W10	5 8	17 28	4 10	3 45	1 54	12 3	1 10	9 13	1 14	6 57	1 45	3 32	2 18	8 1	0 48	9 1	2 0	25 20	16 3	5 25	5 54	8 57			n.a.
T 11	5 32	15 18	3 16	3 40	2 2	11 40	1 13	8 58	1 14	6 59	1 44	3 35	2 18	8 2	0 48	9 1	2 0	25 19	16 4	5 24	5 55	8 56			n.a.
F 12	5 56	12 9	2 8	3 31	2 7	11 16	1 16	8 43	1 14	7 2	1 44	3 38	2 18	8 3	0 48	9 0	2 0	25 19	16 4	5 24	5 56	8 54			n.a.
S 13	6 19	8 10	0 51	3 17	2 12	10 52	1 18	8 28	1 14	7 4	1 44	3 41	2 18	8 3	0 48	8 59	2 0	25 19	16 5	5 23	5 58	8 52			n.a.
S 14	6 43	3 39	0n30	2 59	2 15	10 28	1 21	8 13	1 14	7 6	1 44	3 44	2 18	8 4	0 48	8 59	2 0	25 18	16 5	5 23	5 59	8 51			n.a.
M15	7 6	1s 7	1 50	2 37	2 16	10 3	1 23	7 58	1 14	7 8	1 43	3 46	2 18	8 5	0 48	8 58	2 0	25 18	16 5	5 24	6 0	8 49			n.a.
T 16	7 29	5 47	3 1	2 12	2 17	9 39	1 26	7 43	1 13	7 10	1 43	3 49	2 18	8 5	0 48	8 58	2 1	25 18	16 6	5 25	6 1	8 47			n.a.
W17	7 53	10 1	3 59	1 45	2 17	9 13	1 28	7 28	1 13	7 12	1 43	3 52	2 18	8 6	0 48	8 57	2 1	25 18	16 6	5 27	6 3	8 46			n.a.
T 18	8 16	13 35	4 41	1 14	2 16	8 48	1 30	7 13	1 13	7 14	1 43	3 55	2 18	8 7	0 48	8 56	2 1	25 17	16 7	5 29	6 4	8 44			n.a.
F 19	8 39	16 17	5 5	0 42	2 14	8 22	1 32	6 58	1 13	7 16	1 43	3 57	2 18	8 7	0 47	8 56	2 1	25 17	16 7	5 31	6 5	8 42			n.a.
S 20	9 2	17 59	5 12	0 8	2 11	7 56	1 34	6 42	1 13	7 18	1 42	4 0	2 18	8 8	0 47	8 55	2 1	25 17	16 7	5 33	6 6	8 41			n.a.
S 21	9 24	18 42	5 1	0s27	2 8	7 29	1 36	6 27	1 13	7 19	1 42	4 3	2 18	8 8	0 47	8 55	2 1	25 17	16 8	5 35	6 8	8 39			n.a.
M22	9 47	18 27	4 37	1 4	2 4	7 3	1 38	6 12	1 13	7 21	1 42	4 6	2 18	8 9	0 47	8 54	2 1	25 16	16 8	5 36	6 9	8 37			n.a.
T 23	10 9	17 20	4 0	1 42	2 0	6 36	1 40	5 57	1 13	7 22	1 41	4 8	2 18	8 10	0 47	8 53	2 1	25 16	16 9	5 36	6 10	8 36			n.a.
W24	10 32	15 27	3 14	2 20	1 55	6 9	1 42	5 41	1 13	7 24	1 41	4 11	2 18	8 10	0 47	8 53	2 1	25 16	16 9	5 36	6 11	8 34			n.a.
T 25	10 54	12 56	2 19	3 0	1 50	5 41	1 43	5 26	1 13	7 25	1 41	4 14	2 18	8 11	0 47	8 52	2 1	25 16	16 10	5 35	6 13	8 32			n.a.
F 26	11 16	9 54	1 19	3 40	1 45	5 14	1 45	5 10	1 13	7 26	1 41	4 16	2 18	8 11	0 47	8 52	2 1	25 16	16 10	5 34	6 14	8 31			n.a.
S 27	11 37	6 28	0 16	4 20	1 39	4 46	1 46	4 55	1 13	7 27	1 40	4 19	2 18	8 12	0 47	8 51	2 1	25 15	16 11	5 34	6 15	8 29			n.a.
S 28	11 59	2 45	0s48	5 1	1 33	4 18	1 47	4 39	1 13	7 29	1 40	4 22	2 18	8 12	0 47	8 50	2 1	25 15	16 11	5 34	6 16	8 27			n.a.
M29	12 20	1n 7	1 51	5 42	1 27	3 50	1 48	4 24	1 13	7 30	1 40	4 24	2 18	8 13	0 47	8 50	2 1	25 15	16 12	5 35	6 18	8 26			n.a.
T 30	12 41	5 0	2 50	6 23	1 21	3 21	1 49	4 8	1 12	7 31	1 39	4 27	2 18	8 13	0 47	8 49	2 0	25 15	16 12	5 37	6 19	8 24			n.a.
W31	13s 2	8n44	3s41	7s 3	1n14	2n53	1n50	3n53	1n12	7s31	1s39	4s29	2n18	8s13	0s47	8n49	2s 0	25n15	16n13	5n40	6n20	8s22			n.a.

Julian Day Number = 1628192.5, Delta T = 03h43m29s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'39, Lahiri = - 7°28'39 Julian Calendar 1 Oct. 256 BCE == Greg. Calendar 27 Sept. 256 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

NOVEMBER 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 24 24	5♏ 7'39	14♉18	22♎19	28♍14	23♍44	14°R53	16♎45	11°R 3	27°R24	3♍45	15°R40	14♍ 2	7♓24	n.a.	T 1
F 2	2 28 21	6° 8'38	27°11	23°51	29°27	24°23	14♓51	16°52	11♓ 2	27♈22	3°46	15♍30	13°59	7°30	n.a.	F 2
S 3	2 32 17	7° 9'38	10♊16	25°24	0♎40	25° 2	14°49	16°59	11° 1	27°21	3°47	15°21	13°56	7°37	n.a.	S 3
S 4	2 36 14	8°10'40	23°34	26°57	1°54	25°41	14°47	17° 6	11° 0	27°19	3°49	15°12	13°52	7°44	n.a.	S 4
M 5	2 40 11	9°11'42	7♋ 3	28°30	3° 7	26°19	14°45	17°13	10°59	27°17	3°50	15° 6	13°49	7°50	n.a.	M 5
T 6	2 44 7	10°12'46	20°42	0♏ 3	4°21	26°58	14°43	17°19	10°58	27°16	3°51	15° 2	13°46	7°57	n.a.	T 6
W 7	2 48 4	11°13'51	4♌32	1°36	5°34	27°37	14°41	17°26	10°57	27°14	3°52	15° 0	13°43	8° 4	n.a.	W 7
T 8	2 52 0	12°14'57	18°31	3°10	6°48	28°16	14°40	17°33	10°56	27°12	3°53	15°D 0	13°40	8°10	n.a.	T 8
F 9	2 55 57	13°16'05	2♍39	4°43	8° 1	28°55	14°39	17°39	10°55	27°11	3°54	15° 1	13°37	8°17	n.a.	F 9
S 10	2 59 53	14°17'13	16°57	6°17	9°15	29°33	14°38	17°46	10°55	27° 9	3°55	15°R 1	13°33	8°23	n.a.	S 10
S 11	3 3 50	15°18'23	1♎20	7°50	10°29	0♎12	14°38	17°52	10°54	27° 8	3°56	15° 0	13°30	8°30	n.a.	S 11
M12	3 7 46	16°19'33	15°47	9°24	11°42	0°51	14°37	17°59	10°53	27° 6	3°57	14°56	13°27	8°37	n.a.	M12
T 13	3 11 43	17°20'44	0♏11	10°57	12°56	1°30	14°37	18° 6	10°53	27° 4	3°58	14°50	13°24	8°43	n.a.	T 13
W14	3 15 40	18°21'57	14°28	12°31	14°10	2° 9	14°D37	18°12	10°52	27° 3	3°59	14°41	13°21	8°50	n.a.	W14
T 15	3 19 36	19°23'09	28°31	14° 5	15°24	2°47	14°37	18°18	10°52	27° 1	4° 0	14°30	13°18	8°57	n.a.	T 15
F 16	3 23 33	20°24'23	12♐16	15°39	16°38	3°26	14°37	18°25	10°51	27° 0	4° 1	14°18	13°14	9° 3	n.a.	F 16
S 17	3 27 29	21°25'36	25°38	17°13	17°52	4° 5	14°38	18°31	10°51	26°58	4° 2	14° 7	13°11	9°10	n.a.	S 17
S 18	3 31 26	22°26'51	8♑37	18°47	19° 6	4°44	14°39	18°38	10°51	26°57	4° 3	13°58	13° 8	9°17	n.a.	S 18
M19	3 35 22	23°28'05	21°15	20°22	20°20	5°23	14°40	18°44	10°50	26°55	4° 4	13°51	13° 5	9°23	n.a.	M19
T 20	3 39 19	24°29'20	3♒32	21°56	21°34	6° 2	14°41	18°50	10°50	26°54	4° 4	13°46	13° 2	9°30	n.a.	T 20
W21	3 43 16	25°30'34	15°35	23°31	22°48	6°41	14°43	18°56	10°50	26°52	4° 5	13°44	12°58	9°37	n.a.	W21
T 22	3 47 12	26°31'49	27°27	25° 6	24° 3	7°19	14°44	19° 2	10°50	26°51	4° 6	13°D43	12°55	9°43	n.a.	T 22
F 23	3 51 9	27°33'04	9♓14	26°41	25°17	7°58	14°46	19° 8	10°50	26°49	4° 6	13°R44	12°52	9°50	n.a.	F 23
S 24	3 55 5	28°34'18	21° 3	28°16	26°31	8°37	14°48	19°14	10°D50	26°48	4° 7	13°44	12°49	9°56	n.a.	S 24
S 25	3 59 2	29°35'33	2♈58	29°52	27°45	9°16	14°50	19°20	10°50	26°47	4° 7	13°42	12°46	10° 3	n.a.	S 25
M26	4 2 58	0♐36'48	15° 3	1♐28	29° 0	9°55	14°53	19°26	10°50	26°45	4° 8	13°38	12°43	10°10	n.a.	M26
T 27	4 6 55	1°38'02	27°24	3° 4	0♏14	10°34	14°56	19°32	10°50	26°44	4° 9	13°31	12°39	10°16	n.a.	T 27
W28	4 10 51	2°39'17	10♉ 2	4°40	1°28	11°12	14°58	19°38	10°50	26°43	4° 9	13°21	12°36	10°23	n.a.	W28
T 29	4 14 48	3°40'32	22°59	6°17	2°43	11°51	15° 1	19°44	10°51	26°41	4° 9	13°10	12°33	10°30	n.a.	T 29
F 30	4 18 45	4♐41'46	6♊13	7♐53	3♏57	12♎30	15♓ 5	19♎49	10♓51	26♈40	4♍10	12♍56	12♍30	10♓36	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13 s23	12n 9	4 s22	7 s44	1n 8	2n24	1n51	3n37	1n12	7 s32	1 s39	4 s32	2n18	8 s14	0 s47	8n48	2 s 0	25n15	16n13	5n43	6n21	8 s21		n.a.
F 2	13 44	15 2	4 51	8 25	1 1	1 56	1 52	3 21	1 12	7 33	1 39	4 35	2 18	8 14	0 47	8 47	2 0	25 15	16 14	5 47	6 22	8 19		n.a.
S 3	14 4	17 13	5 5	9 6	0 54	1 27	1 53	3 6	1 12	7 34	1 38	4 37	2 18	8 15	0 47	8 47	2 0	25 15	16 14	5 50	6 24	8 17		n.a.
S 4	14 24	18 31	5 3	9 46	0 48	0 58	1 53	2 50	1 12	7 34	1 38	4 40	2 19	8 15	0 47	8 46	2 0	25 15	16 15	5 54	6 25	8 16		n.a.
M 5	14 44	18 48	4 44	10 26	0 41	0 29	1 54	2 34	1 12	7 35	1 38	4 42	2 19	8 15	0 47	8 46	2 0	25 15	16 15	5 56	6 26	8 14		n.a.
T 6	15 3	18 0	4 9	11 6	0 34	0 s 0	1 54	2 19	1 12	7 35	1 37	4 45	2 19	8 16	0 47	8 45	2 0	25 15	16 16	5 58	6 27	8 12		n.a.
W 7	15 23	16 8	3 20	11 45	0 27	0 29	1 55	2 3	1 12	7 35	1 37	4 47	2 19	8 16	0 47	8 44	2 0	25 15	16 16	5 59	6 29	8 11		n.a.
T 8	15 42	13 17	2 17	12 24	0 20	0 59	1 55	1 47	1 11	7 35	1 37	4 50	2 19	8 16	0 47	8 44	2 0	25 15	16 17	5 59	6 30	8 9		n.a.
F 9	16 0	9 38	1 6	13 2	0 14	1 28	1 55	1 32	1 11	7 36	1 36	4 52	2 19	8 17	0 47	8 43	2 0	25 15	16 17	5 58	6 31	8 7		n.a.
S 10	16 19	5 22	0n10	13 40	0 7	1 57	1 55	1 16	1 11	7 36	1 36	4 55	2 19	8 17	0 47	8 43	2 0	25 15	16 18	5 58	6 32	8 5		n.a.
S 11	16 37	0 47	1 26	14 17	0 0	2 26	1 55	1 0	1 11	7 36	1 36	4 57	2 19	8 17	0 47	8 42	2 0	25 15	16 18	5 59	6 34	8 4		n.a.
M12	16 55	3 s53	2 37	14 54	0 s 7	2 56	1 55	0 44	1 11	7 35	1 35	5 0	2 19	8 17	0 47	8 42	2 0	25 15	16 19	6 0	6 35	8 2		n.a.
T 13	17 13	8 18	3 37	15 30	0 13	3 25	1 54	0 29	1 11	7 35	1 35	5 2	2 19	8 17	0 47	8 41	2 0	25 16	16 19	6 3	6 36	8 0		n.a.
W14	17 30	12 11	4 23	16 5	0 20	3 54	1 54	0 13	1 11	7 35	1 35	5 5	2 19	8 18	0 47	8 40	2 0	25 16	16 20	6 6	6 37	7 59		n.a.
T 15	17 47	15 20	4 52	16 40	0 26	4 23	1 54	0 s 3	1 10	7 35	1 34	5 7	2 19	8 18	0 47	8 40	2 0	25 16	16 20	6 10	6 39	7 57		n.a.
F 16	18 4	17 32	5 3	17 14	0 33	4 52	1 53	0 19	1 10	7 34	1 34	5 9	2 20	8 18	0 46	8 39	2 0	25 16	16 21	6 15	6 40	7 55		n.a.
S 17	18 20	18 42	4 57	17 48	0 39	5 21	1 53	0 34	1 10	7 34	1 34	5 12	2 20	8 18	0 46	8 39	2 0	25 16	16 22	6 19	6 41	7 54		n.a.
S 18	18 36	18 51	4 36	18 20	0 45	5 50	1 52	0 50	1 10	7 33	1 34	5 14	2 20	8 18	0 46	8 38	2 0	25 16	16 22	6 23	6 42	7 52		n.a.
M19	18 52	18 3	4 2	18 52	0 51	6 19	1 51	1 6	1 10	7 32	1 33	5 16	2 20	8 18	0 46	8 38	2 0	25 17	16 23	6 26	6 43	7 50		n.a.
T 20	19 7	16 24	3 17	19 23	0 57	6 48	1 51	1 22	1 9	7 31	1 33	5 18	2 20	8 18	0 46	8 37	2 0	25 17	16 23	6 27	6 45	7 48		n.a.
W21	19 22	14 4	2 24	19 53	1 3	7 17	1 50	1 37	1 9	7 31	1 33	5 21	2 20	8 18	0 46	8 37	2 0	25 17	16 24	6 28	6 46	7 47		n.a.
T 22	19 37	11 10	1 26	20 22	1 8	7 45	1 49	1 53	1 9	7 30	1 32	5 23	2 20	8 18	0 46	8 36	2 0	25 17	16 24	6 28	6 47	7 45		n.a.
F 23	19 51	7 50	0 24	20 50	1 13	8 13	1 48	2 9	1 9	7 29	1 32	5 25	2 20	8 18	0 46	8 36	2 0	25 18	16 25	6 28	6 48	7 43		n.a.
S 24	20 5	4 11	0 s39	21 17	1 19	8 42	1 47	2 24	1 9	7 28	1 32	5 27	2 20	8 18	0 46	8 35	2 0	25 18	16 26	6 28	6 50	7 42		n.a.
S 25	20 18	0 20	1 40	21 43	1 24	9 10	1 45	2 40	1 8	7 26	1 31	5 30	2 21	8 18	0 46	8 35	2 0	25 18	16 26	6 29	6 51	7 40		n.a.
M26	20 31	3n34	2 38	22 8	1 28	9 37	1 44	2 56	1 8	7 25	1 31	5 32	2 21	8 18	0 46	8 35	2 0	25 19	16 27	6 31	6 52	7 38		n.a.
T 27	20 44	7 25	3 30	22 32	1 33	10 5	1 43	3 11	1 8	7 24	1 31	5 34	2 21	8 18	0 46	8 34	2 0	25 19	16 27	6 33	6 53	7 36		n.a.
W28	20 56	11 1	4 12	22 55	1 37	10 32	1 41	3 27	1 8	7 22	1 30	5 36	2 21	8 18	0 46	8 34	2 0	25 19	16 28	6 37	6 55	7 35		n.a.
T 29	21 8	14 11	4 42	23 17	1 41	11 0	1 40	3 42	1 7	7 21	1 30	5 38	2 21	8 18	0 46	8 33	2 0	25 20	16 28	6 42	6 56	7 33		n.a.
F 30	21 s20	16n42	4 s58	23 s37	1 s45	11 s27	1n39	3 s58	1n 7	7 s19	1 s30	5 s40	2n21	8 s18	0 s46	8n33	2 s 0	25n20	16n29	6n47	6n57	7 s31		n.a.

Julian Day Number = 1628223.5, Delta T = 03h43m28s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'35, Lahiri = - 7°28'35 Julian Calendar 1 Nov. 256 BCE == Greg. Calendar 28 Oct. 256 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 256 BCE
geocentric

DECEMBER 256 BCE (-255) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 22 41	5♐43'01	19♊44	9♐31	5♏12	13♎ 9	15♓ 8	19♎55	10♓51	26°R39	4♍10	12°R43	12♍27	10♓43	n.a.	S 1
S 2	4 26 38	6°44'15	3♋28	11° 8	6°26	13°48	15°12	20° 1	10°52	26♈38	4°10	12♍31	12°24	10°50	n.a.	S 2
M 3	4 30 34	7°45'30	17°21	12°46	7°41	14°27	15°16	20° 6	10°52	26°36	4°11	12°21	12°20	10°56	n.a.	M 3
T 4	4 34 31	8°46'45	1♌21	14°24	8°55	15° 6	15°20	20°12	10°53	26°35	4°11	12°15	12°17	11° 3	n.a.	T 4
W 5	4 38 27	9°48'00	15°23	16° 3	10°10	15°45	15°24	20°17	10°53	26°34	4°11	12°11	12°14	11°10	n.a.	W 5
T 6	4 42 24	10°49'15	29°27	17°42	11°24	16°23	15°28	20°23	10°54	26°33	4°11	12° 9	12°11	11°16	n.a.	T 6
F 7	4 46 20	11°50'29	13♍32	19°21	12°39	17° 2	15°33	20°28	10°54	26°32	4°12	12° 9	12° 8	11°23	n.a.	F 7
S 8	4 50 17	12°51'44	27°36	21° 0	13°53	17°41	15°38	20°33	10°55	26°31	4°12	12° 9	12° 4	11°30	n.a.	S 8
S 9	4 54 14	13°52'59	11♎39	22°39	15° 8	18°20	15°43	20°38	10°56	26°30	4°12	12° 7	12° 1	11°36	n.a.	S 9
M10	4 58 10	14°54'14	25°40	24°19	16°22	18°59	15°48	20°43	10°57	26°29	4°12	12° 3	11°58	11°43	n.a.	M10
T 11	5 2 7	15°55'28	9♏36	25°59	17°37	19°38	15°53	20°48	10°58	26°28	4°R12	11°55	11°55	11°49	n.a.	T 11
W12	5 6 3	16°56'43	23°26	27°39	18°52	20°17	15°59	20°53	10°58	26°27	4°12	11°45	11°52	11°56	n.a.	W12
T 13	5 10 0	17°57'57	7♐ 5	29°19	20° 6	20°56	16° 4	20°58	10°59	26°26	4°12	11°32	11°49	12° 3	n.a.	T 13
F 14	5 13 56	18°59'10	20°31	0♑58	21°21	21°35	16°10	21° 3	11° 0	26°25	4°12	11°19	11°45	12° 9	n.a.	F 14
S 15	5 17 53	20° 0'23	3♑39	2°38	22°36	22°13	16°16	21° 8	11° 1	26°24	4°12	11° 5	11°42	12°16	n.a.	S 15
S 16	5 21 50	21° 1'36	16°30	4°17	23°50	22°52	16°22	21°12	11° 3	26°23	4°11	10°54	11°39	12°23	n.a.	S 16
M17	5 25 46	22° 2'47	29° 2	5°55	25° 5	23°31	16°29	21°17	11° 4	26°22	4°11	10°45	11°36	12°29	n.a.	M17
T 18	5 29 43	23° 3'58	11♒18	7°33	26°20	24°10	16°35	21°22	11° 5	26°22	4°11	10°38	11°33	12°36	n.a.	T 18
W19	5 33 39	24° 5'08	23°20	9° 9	27°34	24°49	16°42	21°26	11° 6	26°21	4°11	10°35	11°30	12°43	n.a.	W19
T 20	5 37 36	25° 6'16	5♓12	10°44	28°49	25°28	16°49	21°30	11° 8	26°20	4°10	10°33	11°26	12°49	n.a.	T 20
F 21	5 41 32	26° 7'24	16°59	12°18	0♐ 4	26° 7	16°56	21°35	11° 9	26°19	4°10	10°D33	11°23	12°56	n.a.	F 21
S 22	5 45 29	27° 8'31	28°48	13°49	1°18	26°45	17° 3	21°39	11°10	26°19	4°10	10°R34	11°20	13° 3	n.a.	S 22
S 23	5 49 25	28° 9'36	10♈42	15°18	2°33	27°24	17°11	21°43	11°12	26°18	4° 9	10°33	11°17	13° 9	n.a.	S 23
M24	5 53 22	29°10'40	22°48	16°43	3°48	28° 3	17°18	21°47	11°13	26°18	4° 9	10°30	11°14	13°16	n.a.	M24
T 25	5 57 19	0♑11'43	5♉11	18° 5	5° 3	28°42	17°26	21°51	11°15	26°17	4° 8	10°25	11°10	13°23	n.a.	T 25
W26	6 1 15	1°12'45	17°55	19°22	6°17	29°21	17°34	21°55	11°16	26°16	4° 8	10°17	11° 7	13°29	n.a.	W26
T 27	6 5 12	2°13'46	1♊ 1	20°35	7°32	29°59	17°42	21°59	11°18	26°16	4° 7	10° 7	11° 4	13°36	n.a.	T 27
F 28	6 9 8	3°14'45	14°31	21°42	8°47	0♏38	17°50	22° 2	11°20	26°16	4° 7	9°56	11° 1	13°42	n.a.	F 28
S 29	6 13 5	4°15'43	28°22	22°42	10° 1	1°17	17°58	22° 6	11°22	26°15	4° 6	9°45	10°58	13°49	n.a.	S 29
S 30	6 17 1	5°16'41	12♋31	23°34	11°16	1°56	18° 6	22°10	11°23	26°15	4° 6	9°34	10°55	13°56	n.a.	S 30
M31	6 20 58	6♑17'37	26♋52	24♑18	12♐31	2♏35	18♓15	22♎13	11♓25	26♈14	4♍ 5	9♍26	10♍51	14♓ 2	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s31	18n22	4s58	23s56	1s49	11s53	1n37	4s14	1n 7	7s18	1s29	5s42	2n21	8s17	0s46	8n32	2s 0	25n20	16n30	6n52	6n58	7s29		n.a.
S 2	21 42	19 0	4 41	24 14	1 52	12 20	1 35	4 29	1 7	7 16	1 29	5 44	2 22	8 17	0 46	8 32	1 59	25 21	16 30	6 57	6 59	7 28		n.a.
M 3	21 52	18 30	4 7	24 30	1 55	12 46	1 34	4 44	1 6	7 14	1 29	5 46	2 22	8 17	0 46	8 32	1 59	25 21	16 31	7 0	7 1	7 26		n.a.
T 4	22 2	16 53	3 18	24 45	1 58	13 11	1 32	5 0	1 6	7 12	1 28	5 48	2 22	8 17	0 46	8 31	1 59	25 22	16 31	7 3	7 2	7 24		n.a.
W 5	22 11	14 14	2 16	24 58	2 0	13 37	1 30	5 15	1 6	7 10	1 28	5 50	2 22	8 16	0 46	8 31	1 59	25 22	16 32	7 4	7 3	7 23		n.a.
T 6	22 20	10 45	1 7	25 10	2 2	14 2	1 28	5 31	1 6	7 8	1 28	5 52	2 22	8 16	0 46	8 30	1 59	25 23	16 32	7 5	7 4	7 21		n.a.
F 7	22 29	6 40	0n 7	25 21	2 4	14 27	1 26	5 46	1 5	7 6	1 27	5 54	2 22	8 16	0 46	8 30	1 59	25 23	16 33	7 5	7 6	7 19		n.a.
S 8	22 37	2 12	1 21	25 29	2 5	14 51	1 24	6 1	1 5	7 4	1 27	5 55	2 22	8 16	0 46	8 30	1 59	25 24	16 34	7 5	7 7	7 17		n.a.
S 9	22 44	2s23	2 29	25 36	2 5	15 15	1 22	6 16	1 5	7 2	1 27	5 57	2 23	8 15	0 46	8 29	1 59	25 24	16 34	7 6	7 8	7 16		n.a.
M10	22 51	6 48	3 28	25 42	2 6	15 39	1 20	6 32	1 4	6 59	1 26	5 59	2 23	8 15	0 46	8 29	1 59	25 25	16 35	7 7	7 9	7 14		n.a.
T 11	22 58	10 50	4 15	25 45	2 6	16 2	1 18	6 47	1 4	6 57	1 26	6 1	2 23	8 15	0 45	8 29	1 59	25 25	16 35	7 10	7 10	7 12		n.a.
W12	23 4	14 15	4 45	25 47	2 5	16 25	1 16	7 2	1 4	6 55	1 26	6 2	2 23	8 14	0 45	8 29	1 59	25 26	16 36	7 14	7 12	7 10		n.a.
T 13	23 10	16 50	4 59	25 47	2 4	16 48	1 14	7 17	1 3	6 52	1 26	6 4	2 23	8 14	0 45	8 28	1 59	25 26	16 37	7 19	7 13	7 9		n.a.
F 14	23 16	18 27	4 57	25 45	2 2	17 10	1 11	7 32	1 3	6 50	1 25	6 6	2 23	8 13	0 45	8 28	1 59	25 27	16 37	7 24	7 14	7 7		n.a.
S 15	23 21	19 3	4 38	25 41	1 59	17 31	1 9	7 47	1 3	6 47	1 25	6 7	2 24	8 13	0 45	8 28	1 59	25 27	16 38	7 30	7 15	7 5		n.a.
S 16	23 25	18 38	4 5	25 35	1 56	17 53	1 7	8 2	1 2	6 44	1 25	6 9	2 24	8 12	0 45	8 27	1 59	25 28	16 38	7 34	7 17	7 3		n.a.
M17	23 29	17 19	3 21	25 28	1 53	18 13	1 4	8 17	1 2	6 41	1 24	6 11	2 24	8 12	0 45	8 27	1 59	25 28	16 39	7 38	7 18	7 2		n.a.
T 18	23 32	15 13	2 29	25 18	1 48	18 33	1 2	8 32	1 2	6 39	1 24	6 12	2 24	8 11	0 45	8 27	1 59	25 29	16 39	7 40	7 19	7 0		n.a.
W19	23 35	12 29	1 30	25 7	1 43	18 53	1 0	8 46	1 1	6 36	1 24	6 14	2 24	8 11	0 45	8 27	1 59	25 30	16 40	7 41	7 20	6 58		n.a.
T 20	23 38	9 17	0 28	24 54	1 37	19 12	0 57	9 1	1 1	6 33	1 24	6 15	2 25	8 10	0 45	8 27	1 58	25 30	16 40	7 42	7 21	6 56		n.a.
F 21	23 40	5 43	0s34	24 38	1 30	19 31	0 55	9 16	1 1	6 30	1 23	6 16	2 25	8 10	0 45	8 26	1 58	25 31	16 41	7 42	7 23	6 55		n.a.
S 22	23 42	1 57	1 35	24 22	1 22	19 49	0 52	9 30	1 0	6 27	1 23	6 18	2 25	8 9	0 45	8 26	1 58	25 32	16 42	7 42	7 24	6 53		n.a.
S 23	23 43	1n56	2 33	24 3	1 14	20 6	0 50	9 45	1 0	6 23	1 23	6 19	2 25	8 9	0 45	8 26	1 58	25 32	16 42	7 42	7 25	6 51		n.a.
M24	23 43	5 48	3 25	23 44	1 4	20 23	0 47	9 59	0 59	6 20	1 22	6 21	2 25	8 8	0 45	8 26	1 58	25 33	16 43	7 43	7 26	6 49		n.a.
T 25	23 43	9 31	4 8	23 22	0 54	20 40	0 45	10 13	0 59	6 17	1 22	6 22	2 26	8 7	0 45	8 26	1 58	25 34	16 43	7 45	7 28	6 48		n.a.
W26	23 43	12 53	4 41	23 0	0 42	20 56	0 42	10 28	0 59	6 14	1 22	6 23	2 26	8 7	0 45	8 26	1 58	25 34	16 44	7 48	7 29	6 46		n.a.
T 27	23 42	15 44	4 59	22 37	0 30	21 11	0 39	10 42	0 58	6 10	1 22	6 24	2 26	8 6	0 45	8 25	1 58	25 35	16 44	7 52	7 30	6 44		n.a.
F 28	23 41	17 49	5 2	22 13	0 17	21 25	0 37	10 56	0 58	6 7	1 21	6 26	2 26	8 5	0 45	8 25	1 58	25 36	16 45	7 56	7 31	6 42		n.a.
S 29	23 39	18 55	4 47	21 50	0 2	21 39	0 34	11 10	0 57	6 3	1 21	6 27	2 26	8 5	0 45	8 25	1 58	25 36	16 45	8 0	7 32	6 40		n.a.
S 30	23 37	18 54	4 15	21 26	0n13	21 53	0 31	11 24	0 57	6 0	1 21	6 28	2 27	8 4	0 45	8 25	1 58	25 37	16 46	8 4	7 34	6 39		n.a.
M31	23s34	17n40	3s26	21s 2	0n29	22s 5	0n29	11s38	0n56	5s56	1s21	6s29	2n27	8s 3	0s45	8n25	1s58	25n38	16n46	8n 8	7n35	6s37		n.a.

Julian Day Number = 1628253.5, Delta T = 03h43m27s
Ecliptic obliquity = 23°43'25, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'31, Lahiri = - 7°28'31 Julian Calendar 1 Dec. 256 BCE == Greg. Calendar 27 Nov. 256 BCE

The year -255 astronomical counting style corresponds to year 256 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

JANUARY 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 24 54	7♉18'32	11♌19	24♉54	13♐45	3♏14	18♓24	22♎17	11♓27	26°R14	4°R 4	9°R20	10♍48	14♓ 9	n.a.	T 1
W 2	6 28 51	8°19'25	25°47	25°19	15° 0	3°52	18°32	22°20	11°29	26♈14	4♍ 4	9♍17	10°45	14°16	n.a.	W 2
T 3	6 32 48	9°20'18	10♍10	25°34	16°15	4°31	18°41	22°23	11°31	26°13	4° 3	9°D16	10°42	14°22	n.a.	T 3
F 4	6 36 44	10°21'10	24°26	25°R39	17°30	5°10	18°50	22°26	11°33	26°13	4° 2	9°17	10°39	14°29	n.a.	F 4
S 5	6 40 41	11°22'01	8♎32	25°32	18°44	5°49	19° 0	22°29	11°35	26°13	4° 1	9°R18	10°35	14°36	n.a.	S 5
S 6	6 44 37	12°22'51	22°28	25°14	19°59	6°28	19° 9	22°32	11°37	26°13	4° 0	9°17	10°32	14°42	n.a.	S 6
M 7	6 48 34	13°23'39	6♏15	24°46	21°14	7° 6	19°18	22°35	11°39	26°13	3°59	9°15	10°29	14°49	n.a.	M 7
T 8	6 52 30	14°24'27	19°50	24° 7	22°28	7°45	19°28	22°38	11°41	26°13	3°59	9°10	10°26	14°56	n.a.	T 8
W 9	6 56 27	15°25'13	3♐15	23°20	23°43	8°24	19°38	22°40	11°43	26°13	3°58	9° 3	10°23	15° 2	n.a.	W 9
T 10	7 0 23	16°25'59	16°28	22°24	24°58	9° 3	19°48	22°43	11°46	26°D13	3°57	8°54	10°20	15° 9	n.a.	T 10
F 11	7 4 20	17°26'42	29°29	21°22	26°12	9°41	19°58	22°45	11°48	26°13	3°56	8°44	10°16	15°15	n.a.	F 11
S 12	7 8 17	18°27'25	12♑17	20°16	27°27	10°20	20° 8	22°48	11°50	26°13	3°55	8°35	10°13	15°22	n.a.	S 12
S 13	7 12 13	19°28'06	24°51	19° 7	28°42	10°59	20°18	22°50	11°53	26°13	3°54	8°26	10°10	15°29	n.a.	S 13
M14	7 16 10	20°28'45	7♒12	17°57	29°57	11°37	20°28	22°52	11°55	26°13	3°53	8°20	10° 7	15°35	n.a.	M14
T 15	7 20 6	21°29'23	19°20	16°48	1♑11	12°16	20°39	22°54	11°57	26°13	3°51	8°15	10° 4	15°42	n.a.	T 15
W16	7 24 3	22°29'58	1♓18	15°42	2°26	12°55	20°49	22°56	12° 0	26°13	3°50	8°13	10° 1	15°49	n.a.	W16
T 17	7 27 59	23°30'32	13° 9	14°40	3°41	13°33	21° 0	22°58	12° 2	26°13	3°49	8°D13	9°57	15°55	n.a.	T 17
F 18	7 31 56	24°31'04	24°55	13°43	4°55	14°12	21°11	23° 0	12° 5	26°14	3°48	8°14	9°54	16° 2	n.a.	F 18
S 19	7 35 52	25°31'34	6♈43	12°53	6°10	14°51	21°21	23° 2	12° 8	26°14	3°47	8°16	9°51	16° 9	n.a.	S 19
S 20	7 39 49	26°32'03	18°37	12°10	7°24	15°29	21°32	23° 3	12°10	26°14	3°46	8°17	9°48	16°15	n.a.	S 20
M21	7 43 46	27°32'29	0♉41	11°33	8°39	16° 8	21°43	23° 5	12°13	26°15	3°44	8°R17	9°45	16°22	n.a.	M21
T 22	7 47 42	28°32'53	13° 2	11° 5	9°54	16°46	21°55	23° 6	12°15	26°15	3°43	8°16	9°41	16°29	n.a.	T 22
W23	7 51 39	29°33'15	25°44	10°44	11° 8	17°25	22° 6	23° 7	12°18	26°15	3°42	8°13	9°38	16°35	n.a.	W23
T 24	7 55 35	0♒33'35	8♊50	10°30	12°23	18° 3	22°17	23° 9	12°21	26°16	3°41	8° 9	9°35	16°42	n.a.	T 24
F 25	7 59 32	1°33'53	22°23	10°D23	13°37	18°42	22°29	23°10	12°24	26°16	3°39	8° 3	9°32	16°49	n.a.	F 25
S 26	8 3 28	2°34'09	6♋22	10°23	14°52	19°20	22°40	23°11	12°26	26°17	3°38	7°57	9°29	16°55	n.a.	S 26
S 27	8 7 25	3°34'23	20°44	10°30	16° 7	19°59	22°52	23°11	12°29	26°18	3°37	7°52	9°26	17° 2	n.a.	S 27
M28	8 11 21	4°34'35	5♌24	10°43	17°21	20°37	23° 4	23°12	12°32	26°18	3°35	7°48	9°22	17° 8	n.a.	M28
T 29	8 15 18	5°34'45	20°15	11° 1	18°36	21°16	23°15	23°13	12°35	26°19	3°34	7°45	9°19	17°15	n.a.	T 29
W30	8 19 15	6°34'53	5♍ 9	11°25	19°50	21°54	23°27	23°14	12°38	26°19	3°32	7°D44	9°16	17°22	n.a.	W30
T 31	8 23 11	7♒34'59	19♍58	11♑54	21♑ 5	22♏32	23♓39	23♎14	12♓41	26♈20	3♍31	7♍44	9♍13	17♓28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23 s31	15n17	2 s24	20 s39	0n46	22 s17	0n26	11 s52	0n56	5 s52	1 s20	6 s30	2n27	8 s 2	0 s45	8n25	1 s58	25n39	16n47	8n10	7n36	6 s35			n.a.
W 2	23 28	11 57	1 12	20 18	1 3	22 29	0 24	12 5	0 55	5 49	1 20	6 31	2 27	8 2	0 45	8 25	1 58	25 39	16 47	8 11	7 37	6 33			n.a.
T 3	23 23	7 55	0n 5	19 57	1 21	22 39	0 21	12 19	0 55	5 45	1 20	6 32	2 27	8 1	0 45	8 25	1 58	25 40	16 48	8 11	7 39	6 32			n.a.
F 4	23 19	3 28	1 20	19 39	1 39	22 50	0 18	12 33	0 54	5 41	1 19	6 33	2 28	8 0	0 45	8 25	1 58	25 41	16 48	8 11	7 40	6 30			n.a.
S 5	23 14	1 s 8	2 30	19 23	1 56	22 59	0 16	12 46	0 54	5 37	1 19	6 34	2 28	7 59	0 45	8 25	1 57	25 42	16 49	8 11	7 41	6 28			n.a.
S 6	23 8	5 36	3 30	19 9	2 14	23 8	0 13	13 0	0 53	5 33	1 19	6 35	2 28	7 58	0 44	8 25	1 57	25 42	16 49	8 11	7 42	6 26			n.a.
M 7	23 2	9 43	4 17	18 57	2 31	23 16	0 10	13 13	0 53	5 29	1 19	6 36	2 28	7 58	0 44	8 25	1 57	25 43	16 50	8 12	7 43	6 24			n.a.
T 8	22 56	13 16	4 49	18 48	2 47	23 23	0 8	13 26	0 52	5 25	1 18	6 37	2 29	7 57	0 44	8 25	1 57	25 44	16 50	8 14	7 45	6 23			n.a.
W 9	22 49	16 4	5 5	18 42	3 1	23 29	0 5	13 39	0 52	5 21	1 18	6 37	2 29	7 56	0 44	8 25	1 57	25 45	16 51	8 16	7 46	6 21			n.a.
T 10	22 42	18 0	5 4	18 38	3 14	23 35	0 2	13 52	0 51	5 17	1 18	6 38	2 29	7 55	0 44	8 25	1 57	25 45	16 51	8 20	7 47	6 19			n.a.
F 11	22 34	18 57	4 47	18 37	3 26	23 40	0 s 0	14 5	0 51	5 13	1 18	6 39	2 29	7 54	0 44	8 25	1 57	25 46	16 52	8 23	7 48	6 17			n.a.
S 12	22 26	18 55	4 15	18 38	3 35	23 45	0 3	14 18	0 50	5 8	1 18	6 39	2 30	7 53	0 44	8 25	1 57	25 47	16 52	8 27	7 49	6 16			n.a.
S 13	22 17	17 56	3 32	18 42	3 41	23 49	0 6	14 31	0 49	5 4	1 17	6 40	2 30	7 52	0 44	8 25	1 57	25 48	16 53	8 30	7 51	6 14			n.a.
M14	22 8	16 7	2 40	18 47	3 46	23 52	0 8	14 44	0 49	5 0	1 17	6 41	2 30	7 51	0 44	8 25	1 57	25 49	16 53	8 33	7 52	6 12			n.a.
T 15	21 59	13 37	1 40	18 53	3 48	23 54	0 11	14 56	0 48	4 56	1 17	6 41	2 30	7 50	0 44	8 26	1 57	25 50	16 54	8 34	7 53	6 10			n.a.
W16	21 49	10 33	0 37	19 1	3 47	23 55	0 13	15 9	0 48	4 51	1 17	6 42	2 30	7 49	0 44	8 26	1 57	25 50	16 54	8 35	7 54	6 8			n.a.
T 17	21 39	7 7	0 s27	19 11	3 45	23 56	0 16	15 21	0 47	4 47	1 16	6 42	2 31	7 48	0 44	8 26	1 57	25 51	16 54	8 35	7 56	6 7			n.a.
F 18	21 28	3 24	1 30	19 21	3 41	23 56	0 18	15 33	0 46	4 42	1 16	6 43	2 31	7 47	0 44	8 26	1 57	25 52	16 55	8 35	7 57	6 5			n.a.
S 19	21 17	0n26	2 29	19 32	3 34	23 55	0 21	15 45	0 46	4 38	1 16	6 43	2 31	7 46	0 44	8 26	1 56	25 53	16 55	8 34	7 58	6 3			n.a.
S 20	21 6	4 16	3 22	19 44	3 27	23 54	0 23	15 57	0 45	4 33	1 16	6 43	2 31	7 45	0 44	8 26	1 56	25 54	16 56	8 34	7 59	6 1			n.a.
M21	20 54	8 0	4 7	19 56	3 18	23 52	0 26	16 9	0 44	4 29	1 16	6 44	2 32	7 44	0 44	8 27	1 56	25 54	16 56	8 34	8 0	5 59			n.a.
T 22	20 42	11 27	4 42	20 8	3 8	23 49	0 28	16 21	0 44	4 24	1 15	6 44	2 32	7 43	0 44	8 27	1 56	25 55	16 56	8 34	8 2	5 58			n.a.
W23	20 29	14 30	5 4	20 20	2 57	23 45	0 30	16 33	0 43	4 19	1 15	6 44	2 32	7 42	0 44	8 27	1 56	25 56	16 57	8 35	8 3	5 56			n.a.
T 24	20 16	16 54	5 11	20 33	2 46	23 41	0 33	16 44	0 42	4 14	1 15	6 45	2 32	7 41	0 44	8 27	1 56	25 57	16 57	8 37	8 4	5 54			n.a.
F 25	20 3	18 29	5 2	20 45	2 34	23 36	0 35	16 56	0 41	4 10	1 15	6 45	2 33	7 40	0 44	8 28	1 56	25 58	16 57	8 39	8 5	5 52			n.a.
S 26	19 49	19 0	4 34	20 57	2 22	23 30	0 37	17 7	0 41	4 5	1 15	6 45	2 33	7 39	0 44	8 28	1 56	25 59	16 58	8 41	8 6	5 50			n.a.
S 27	19 35	18 20	3 49	21 9	2 9	23 23	0 39	17 18	0 40	4 0	1 14	6 45	2 33	7 38	0 44	8 28	1 56	25 59	16 58	8 43	8 8	5 48			n.a.
M28	19 21	16 26	2 48	21 21	1 57	23 16	0 42	17 29	0 39	3 55	1 14	6 45	2 33	7 37	0 44	8 28	1 56	26 0	16 58	8 45	8 9	5 47			n.a.
T 29	19 6	13 25	1 34	21 32	1 44	23 8	0 44	17 40	0 38	3 50	1 14	6 45	2 34	7 35	0 44	8 29	1 56	26 1	16 59	8 46	8 10	5 45			n.a.
W30	18 51	9 31	0 14	21 42	1 32	23 0	0 46	17 51	0 38	3 45	1 14	6 45	2 34	7 34	0 44	8 29	1 56	26 2	16 59	8 46	8 11	5 43			n.a.
T 31	18 s36	5n 2	1n 7	21 s52	1n19	22 s50	0 s48	18 s 2	0n37	3 s40	1 s14	6 s45	2n34	7 s33	0 s44	8n29	1 s56	26n 3	16n59	8n46	8n12	5 s41			n.a.

Julian Day Number = 1628284.5, Delta T = 03h43m25s
Ecliptic obliquity = 23°43'25, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'27, Lahiri = - 7°28'26 Julian Calendar 1 Jan. 255 BCE == Greg. Calendar 28 Dec. 256 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

FEBRUARY 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 27 8	8♒35'03	4♎35	12♉28	22♉19	23♏11	23♓51	23♎14	12♓44	26♈21	3°R30	7♍46	9♍10	17♓35	n.a.	F 1
S 2	8 31 4	9°35'06	18°58	13° 6	23°34	23°49	24° 3	23°15	12°47	26°22	3♍28	7°47	9° 7	17°42	n.a.	S 2
S 3	8 35 1	10°35'07	3♏ 2	13°48	24°48	24°28	24°16	23°15	12°50	26°22	3°27	7°48	9° 3	17°48	n.a.	S 3
M 4	8 38 57	11°35'07	16°47	14°33	26° 3	25° 6	24°28	23°R15	12°53	26°23	3°25	7°R48	9° 0	17°55	n.a.	M 4
T 5	8 42 54	12°35'04	0♐15	15°23	27°17	25°44	24°40	23°15	12°56	26°24	3°24	7°47	8°57	18° 2	n.a.	T 5
W 6	8 46 50	13°35'00	13°25	16°15	28°32	26°22	24°53	23°15	12°59	26°25	3°22	7°45	8°54	18° 8	n.a.	W 6
T 7	8 50 47	14°34'55	26°19	17°11	29°46	27° 1	25° 5	23°15	13° 2	26°26	3°21	7°42	8°51	18°15	n.a.	T 7
F 8	8 54 44	15°34'47	9♑ 0	18° 9	1♒ 1	27°39	25°18	23°14	13° 5	26°27	3°19	7°38	8°47	18°22	n.a.	F 8
S 9	8 58 40	16°34'38	21°27	19°11	2°15	28°17	25°31	23°14	13° 8	26°28	3°17	7°35	8°44	18°28	n.a.	S 9
S 10	9 2 37	17°34'26	3♒44	20°14	3°30	28°55	25°43	23°13	13°11	26°29	3°16	7°32	8°41	18°35	n.a.	S 10
M11	9 6 33	18°34'13	15°51	21°20	4°44	29°33	25°56	23°13	13°14	26°30	3°14	7°29	8°38	18°42	n.a.	M11
T 12	9 10 30	19°33'57	27°49	22°29	5°59	0♐11	26° 9	23°12	13°18	26°31	3°13	7°28	8°35	18°48	n.a.	T 12
W13	9 14 26	20°33'39	9♓42	23°39	7°13	0°49	26°22	23°11	13°21	26°32	3°11	7°D28	8°32	18°55	n.a.	W13
T 14	9 18 23	21°33'19	21°30	24°52	8°28	1°27	26°35	23°10	13°24	26°33	3°10	7°28	8°28	19° 1	n.a.	T 14
F 15	9 22 19	22°32'57	3♈17	26° 6	9°42	2° 5	26°48	23° 9	13°27	26°35	3° 8	7°29	8°25	19° 8	n.a.	F 15
S 16	9 26 16	23°32'32	15° 6	27°22	10°56	2°43	27° 1	23° 8	13°31	26°36	3° 6	7°31	8°22	19°15	n.a.	S 16
S 17	9 30 12	24°32'05	27° 0	28°40	12°11	3°21	27°14	23° 7	13°34	26°37	3° 5	7°32	8°19	19°21	n.a.	S 17
M18	9 34 9	25°31'36	9♉ 4	0♒ 0	13°25	3°59	27°27	23° 5	13°37	26°38	3° 3	7°33	8°16	19°28	n.a.	M18
T 19	9 38 6	26°31'04	21°23	1°21	14°40	4°37	27°40	23° 4	13°40	26°40	3° 1	7°R34	8°13	19°35	n.a.	T 19
W20	9 42 2	27°30'30	4♊ 1	2°45	15°54	5°14	27°54	23° 3	13°44	26°41	3° 0	7°34	8° 9	19°41	n.a.	W20
T 21	9 45 59	28°29'54	17° 1	4° 9	17° 8	5°52	28° 7	23° 1	13°47	26°42	2°58	7°33	8° 6	19°48	n.a.	T 21
F 22	9 49 55	29°29'15	0♋28	5°35	18°23	6°30	28°21	22°59	13°50	26°44	2°56	7°32	8° 3	19°55	n.a.	F 22
S 23	9 53 52	0♓28'34	14°21	7° 3	19°37	7° 7	28°34	22°58	13°54	26°45	2°55	7°31	8° 0	20° 1	n.a.	S 23
S 24	9 57 48	1°27'50	28°42	8°32	20°51	7°45	28°47	22°56	13°57	26°46	2°53	7°31	7°57	20° 8	n.a.	S 24
M25	10 1 45	2°27'04	13♌25	10° 3	22° 6	8°23	29° 1	22°54	14° 1	26°48	2°51	7°30	7°53	20°15	n.a.	M25
T 26	10 5 41	3°26'16	28°26	11°35	23°20	9° 0	29°15	22°52	14° 4	26°49	2°50	7°30	7°50	20°21	n.a.	T 26
W27	10 9 38	4°25'26	13♍35	13° 8	24°34	9°38	29°28	22°49	14° 7	26°51	2°48	7°D30	7°47	20°28	n.a.	W27
T 28	10 13 35	5♓24'33	28♍44	14♒43	25♒48	10♐15	29♓42	22♎47	14♓11	26♈52	2♍47	7♍30	7♍44	20♓35	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s20	0n20	2n22	22s 1	1n 7	22s40	0s50	18s12	0n36	3s35	1s13	6s45	2n34	7s32	0s44	8n30	1s56	26n 3	17n 0	8n46	8n14	5s39		n.a.
S 2	18 4	4s19	3 27	22 9	0 55	22 29	0 52	18 23	0 35	3 30	1 13	6 45	2 35	7 31	0 44	8 30	1 55	26 4	17 0	8 45	8 15	5 38		n.a.
S 3	17 47	8 37	4 19	22 17	0 44	22 18	0 54	18 33	0 34	3 25	1 13	6 45	2 35	7 30	0 44	8 30	1 55	26 5	17 0	8 45	8 16	5 36		n.a.
M 4	17 31	12 21	4 54	22 23	0 32	22 6	0 56	18 43	0 34	3 20	1 13	6 44	2 35	7 28	0 44	8 31	1 55	26 6	17 0	8 44	8 17	5 34		n.a.
T 5	17 14	15 22	5 12	22 29	0 21	21 53	0 57	18 53	0 33	3 15	1 13	6 44	2 35	7 27	0 44	8 31	1 55	26 7	17 1	8 45	8 19	5 32		n.a.
W 6	16 57	17 30	5 13	22 33	0 10	21 40	0 59	19 3	0 32	3 10	1 13	6 44	2 35	7 26	0 44	8 31	1 55	26 8	17 1	8 46	8 20	5 30		n.a.
T 7	16 39	18 42	4 58	22 37	0s 0	21 26	1 1	19 13	0 31	3 5	1 12	6 44	2 36	7 25	0 44	8 32	1 55	26 8	17 1	8 47	8 21	5 28		n.a.
F 8	16 21	18 56	4 29	22 39	0 10	21 11	1 3	19 23	0 30	3 0	1 12	6 43	2 36	7 24	0 44	8 32	1 55	26 9	17 1	8 48	8 22	5 27		n.a.
S 9	16 3	18 15	3 47	22 40	0 20	20 56	1 4	19 32	0 29	2 54	1 12	6 43	2 36	7 22	0 44	8 33	1 55	26 10	17 2	8 50	8 23	5 25		n.a.
S 10	15 45	16 42	2 56	22 40	0 30	20 40	1 6	19 42	0 28	2 49	1 12	6 43	2 36	7 21	0 44	8 33	1 55	26 11	17 2	8 51	8 25	5 23		n.a.
M11	15 26	14 25	1 57	22 39	0 39	20 24	1 7	19 51	0 27	2 44	1 12	6 42	2 37	7 20	0 44	8 34	1 55	26 12	17 2	8 52	8 26	5 21		n.a.
T 12	15 8	11 32	0 53	22 36	0 48	20 7	1 9	20 0	0 26	2 39	1 12	6 42	2 37	7 19	0 44	8 34	1 55	26 12	17 2	8 52	8 27	5 19		n.a.
W13	14 48	8 13	0s12	22 33	0 56	19 49	1 10	20 9	0 25	2 33	1 12	6 41	2 37	7 17	0 44	8 34	1 55	26 13	17 2	8 52	8 28	5 17		n.a.
T 14	14 29	4 35	1 17	22 27	1 4	19 31	1 12	20 18	0 24	2 28	1 11	6 41	2 37	7 16	0 43	8 35	1 55	26 14	17 3	8 52	8 29	5 16		n.a.
F 15	14 10	0 48	2 18	22 21	1 11	19 12	1 13	20 27	0 23	2 23	1 11	6 40	2 38	7 15	0 43	8 35	1 55	26 15	17 3	8 52	8 31	5 14		n.a.
S 16	13 50	3n 2	3 14	22 13	1 19	18 53	1 14	20 35	0 22	2 17	1 11	6 39	2 38	7 13	0 43	8 36	1 55	26 15	17 3	8 51	8 32	5 12		n.a.
S 17	13 30	6 46	4 2	22 4	1 25	18 33	1 15	20 44	0 21	2 12	1 11	6 39	2 38	7 12	0 43	8 36	1 55	26 16	17 3	8 51	8 33	5 10		n.a.
M18	13 10	10 17	4 39	21 53	1 32	18 13	1 16	20 52	0 20	2 6	1 11	6 38	2 38	7 11	0 43	8 37	1 54	26 17	17 3	8 50	8 34	5 8		n.a.
T 19	12 49	13 25	5 5	21 41	1 38	17 52	1 18	21 0	0 19	2 1	1 11	6 37	2 38	7 10	0 43	8 37	1 54	26 18	17 3	8 50	8 35	5 6		n.a.
W20	12 29	16 1	5 17	21 27	1 43	17 30	1 19	21 8	0 18	1 55	1 11	6 37	2 39	7 8	0 43	8 38	1 54	26 18	17 3	8 50	8 37	5 5		n.a.
T 21	12 8	17 53	5 13	21 12	1 48	17 9	1 19	21 16	0 17	1 50	1 10	6 36	2 39	7 7	0 43	8 39	1 54	26 19	17 3	8 50	8 38	5 3		n.a.
F 22	11 47	18 51	4 53	20 56	1 53	16 46	1 20	21 24	0 16	1 44	1 10	6 35	2 39	7 6	0 43	8 39	1 54	26 20	17 3	8 51	8 39	5 1		n.a.
S 23	11 26	18 43	4 15	20 37	1 58	16 24	1 21	21 31	0 14	1 39	1 10	6 34	2 39	7 4	0 43	8 40	1 54	26 20	17 4	8 51	8 40	4 59		n.a.
S 24	11 5	17 25	3 20	20 18	2 1	16 0	1 22	21 39	0 13	1 33	1 10	6 33	2 39	7 3	0 43	8 40	1 54	26 21	17 4	8 51	8 41	4 57		n.a.
M25	10 43	14 55	2 10	19 56	2 5	15 37	1 23	21 46	0 12	1 28	1 10	6 32	2 40	7 2	0 43	8 41	1 54	26 22	17 4	8 51	8 43	4 55		n.a.
T 26	10 22	11 23	0 50	19 34	2 8	15 13	1 23	21 53	0 11	1 22	1 10	6 31	2 40	7 0	0 43	8 41	1 54	26 22	17 4	8 51	8 44	4 53		n.a.
W27	10 0	7 3	0n34	19 9	2 10	14 48	1 24	22 0	0 10	1 17	1 10	6 30	2 40	6 59	0 43	8 42	1 54	26 23	17 4	8 51	8 45	4 52		n.a.
T 28	9s38	2n16	1n55	18s43	2s12	14s23	1s24	22s 7	0n 8	1s11	1s10	6s29	2n40	6s58	0s43	8n43	1s54	26n24	17n 4	8n51	8n46	4s50		n.a.

Julian Day Number = 1628315.5, Delta T = 03h43m24s
Ecliptic obliquity = 23°43'25, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'23, Lahiri = - 7°28'22 Julian Calendar 1 Feb. 255 BCE == Greg. Calendar 28 Jan. 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

MARCH 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 17 31	6♓23'38	13♎43	16♒20	27♒ 3	10♐52	29♓56	22°R45	14♓14	26♈54	2°R45	7♍30	7♍41	20♓41	n.a.	F 1
S 2	10 21 28	7°22'42	28°25	17°57	28°17	11°30	0♈ 9	22♎43	14°17	26°55	2♍43	7°R30	7°38	20°48	n.a.	S 2
S 3	10 25 24	8°21'43	12♏46	19°37	29°31	12° 7	0°23	22°40	14°21	26°57	2°42	7°30	7°34	20°54	n.a.	S 3
M 4	10 29 21	9°20'43	26°41	21°17	0♓45	12°44	0°37	22°38	14°24	26°59	2°40	7°30	7°31	21° 1	n.a.	M 4
T 5	10 33 17	10°19'41	10♐11	22°59	2° 0	13°21	0°51	22°35	14°28	27° 0	2°38	7°D30	7°28	21° 8	n.a.	T 5
W 6	10 37 14	11°18'37	23°18	24°43	3°14	13°58	1° 5	22°32	14°31	27° 2	2°37	7°30	7°25	21°14	n.a.	W 6
T 7	10 41 10	12°17'31	6♑ 5	26°28	4°28	14°35	1°18	22°29	14°35	27° 4	2°35	7°30	7°22	21°21	n.a.	T 7
F 8	10 45 7	13°16'24	18°33	28°14	5°42	15°12	1°32	22°26	14°38	27° 5	2°33	7°31	7°18	21°28	n.a.	F 8
S 9	10 49 3	14°15'14	0♒48	0♓ 2	6°56	15°49	1°46	22°23	14°41	27° 7	2°32	7°32	7°15	21°34	n.a.	S 9
S 10	10 53 0	15°14'03	12°51	1°52	8°10	16°26	2° 0	22°20	14°45	27° 9	2°30	7°32	7°12	21°41	n.a.	S 10
M11	10 56 57	16°12'50	24°47	3°43	9°25	17° 3	2°14	22°17	14°48	27°11	2°29	7°33	7° 9	21°48	n.a.	M11
T 12	11 0 53	17°11'34	6♓38	5°35	10°39	17°40	2°28	22°14	14°52	27°12	2°27	7°R33	7° 6	21°54	n.a.	T 12
W13	11 4 50	18°10'17	18°26	7°29	11°53	18°16	2°42	22°11	14°55	27°14	2°25	7°33	7° 3	22° 1	n.a.	W13
T 14	11 8 46	19° 8'57	0♈13	9°25	13° 7	18°53	2°57	22° 8	14°59	27°16	2°24	7°32	6°59	22° 8	n.a.	T 14
F 15	11 12 43	20° 7'36	12° 2	11°22	14°21	19°29	3°11	22° 4	15° 2	27°18	2°22	7°31	6°56	22°14	n.a.	F 15
S 16	11 16 39	21° 6'12	23°55	13°20	15°35	20° 6	3°25	22° 1	15° 5	27°20	2°21	7°29	6°53	22°21	n.a.	S 16
S 17	11 20 36	22° 4'46	5♉55	15°20	16°49	20°42	3°39	21°57	15° 9	27°22	2°19	7°27	6°50	22°28	n.a.	S 17
M18	11 24 32	23° 3'18	18° 3	17°21	18° 4	21°18	3°53	21°54	15°12	27°24	2°18	7°24	6°47	22°34	n.a.	M18
T 19	11 28 29	24° 1'48	0♊25	19°23	19°18	21°54	4° 7	21°50	15°16	27°26	2°16	7°23	6°44	22°41	n.a.	T 19
W20	11 32 26	25° 0'15	13° 2	21°27	20°32	22°30	4°21	21°46	15°19	27°28	2°15	7°21	6°40	22°48	n.a.	W20
T 21	11 36 22	25°58'41	25°58	23°32	21°46	23° 6	4°36	21°43	15°22	27°30	2°13	7°D21	6°37	22°54	n.a.	T 21
F 22	11 40 19	26°57'04	9♋16	25°38	23° 0	23°42	4°50	21°39	15°26	27°32	2°12	7°21	6°34	23° 1	n.a.	F 22
S 23	11 44 15	27°55'24	23° 0	27°45	24°14	24°18	5° 4	21°35	15°29	27°34	2°10	7°22	6°31	23° 7	n.a.	S 23
S 24	11 48 12	28°53'43	7♌ 8	29°52	25°28	24°53	5°18	21°31	15°32	27°36	2° 9	7°24	6°28	23°14	n.a.	S 24
M25	11 52 8	29°51'59	21°41	2♈ 0	26°42	25°29	5°33	21°27	15°36	27°38	2° 7	7°25	6°24	23°21	n.a.	M25
T 26	11 56 5	0♈50'14	6♍35	4° 9	27°56	26° 5	5°47	21°23	15°39	27°40	2° 6	7°R26	6°21	23°27	n.a.	T 26
W27	12 0 1	1°48'26	21°43	6°17	29°10	26°40	6° 1	21°19	15°42	27°42	2° 4	7°25	6°18	23°34	n.a.	W27
T 28	12 3 58	2°46'36	6♎57	8°25	0♈24	27°15	6°15	21°15	15°46	27°44	2° 3	7°23	6°15	23°41	n.a.	T 28
F 29	12 7 54	3°44'45	22° 6	10°33	1°38	27°50	6°30	21°11	15°49	27°46	2° 2	7°20	6°12	23°47	n.a.	F 29
S 30	12 11 51	4°42'51	7♏ 1	12°40	2°52	28°25	6°44	21° 7	15°52	27°48	2° 0	7°17	6° 9	23°54	n.a.	S 30
S 31	12 15 48	5♈40'57	21♏35	14♈46	4♈ 5	29♐ 0	6♈58	21♎ 3	15♓56	27♈50	1♍59	7♍13	6♍ 5	24♓ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s16	2s35	3n 8	18s16	2s14	13s58	1s25	22s13	0n 7	1s 5	1s 9	6s28	2n40	6s56	0s43	8n43	1s54	26n24	17n 4	8n51	8n47	4s48		n.a.
S 2	8 54	7 12	4 7	17 46	2 15	13 32	1 25	22 20	0 6	1 0	1 9	6 27	2 41	6 55	0 43	8 44	1 54	26 25	17 4	8 51	8 49	4 46		n.a.
S 3	8 32	11 16	4 49	17 16	2 16	13 6	1 25	22 26	0 5	0 54	1 9	6 26	2 41	6 54	0 43	8 44	1 54	26 26	17 4	8 51	8 50	4 44		n.a.
M 4	8 10	14 35	5 12	16 43	2 16	12 40	1 26	22 32	0 3	0 48	1 9	6 25	2 41	6 52	0 43	8 45	1 54	26 26	17 4	8 51	8 51	4 42		n.a.
T 5	7 47	17 0	5 18	16 9	2 16	12 13	1 26	22 38	0 2	0 43	1 9	6 24	2 41	6 51	0 43	8 46	1 54	26 27	17 4	8 51	8 52	4 40		n.a.
W 6	7 24	18 27	5 6	15 33	2 15	11 46	1 26	22 44	0 1	0 37	1 9	6 23	2 41	6 50	0 43	8 46	1 54	26 28	17 4	8 51	8 53	4 39		n.a.
T 7	7 2	18 56	4 40	14 56	2 14	11 19	1 26	22 50	0s 1	0 31	1 9	6 21	2 41	6 48	0 43	8 47	1 54	26 28	17 4	8 51	8 55	4 37		n.a.
F 8	6 39	18 27	4 0	14 17	2 12	10 52	1 26	22 56	0 2	0 26	1 9	6 20	2 42	6 47	0 43	8 48	1 54	26 29	17 4	8 51	8 56	4 35		n.a.
S 9	6 16	17 7	3 11	13 37	2 10	10 24	1 26	23 1	0 4	0 20	1 9	6 19	2 42	6 46	0 43	8 48	1 53	26 29	17 4	8 51	8 57	4 33		n.a.
S 10	5 53	15 2	2 13	12 54	2 7	9 56	1 26	23 6	0 5	0 14	1 9	6 18	2 42	6 44	0 43	8 49	1 53	26 30	17 3	8 51	8 58	4 31		n.a.
M11	5 30	12 19	1 10	12 11	2 3	9 27	1 26	23 12	0 7	0 9	1 8	6 16	2 42	6 43	0 43	8 50	1 53	26 30	17 3	8 50	8 59	4 29		n.a.
T 12	5 7	9 6	0 5	11 25	2 0	8 59	1 25	23 17	0 8	0 3	1 8	6 15	2 42	6 42	0 43	8 50	1 53	26 31	17 3	8 50	9 1	4 27		n.a.
W13	4 44	5 33	1s 0	10 38	1 55	8 30	1 25	23 21	0 10	0n 3	1 8	6 14	2 42	6 40	0 43	8 51	1 53	26 31	17 3	8 50	9 2	4 26		n.a.
T 14	4 21	1 47	2 3	9 50	1 50	8 1	1 25	23 26	0 11	0 9	1 8	6 12	2 43	6 39	0 43	8 52	1 53	26 32	17 3	8 51	9 3	4 24		n.a.
F 15	3 57	2n 3	3 0	9 0	1 45	7 31	1 24	23 31	0 13	0 14	1 8	6 11	2 43	6 38	0 43	8 53	1 53	26 32	17 3	8 51	9 4	4 22		n.a.
S 16	3 34	5 50	3 50	8 8	1 39	7 2	1 24	23 35	0 14	0 20	1 8	6 10	2 43	6 36	0 43	8 53	1 53	26 33	17 3	8 52	9 5	4 20		n.a.
S 17	3 11	9 24	4 30	7 16	1 32	6 32	1 23	23 39	0 16	0 26	1 8	6 8	2 43	6 35	0 43	8 54	1 53	26 33	17 3	8 53	9 6	4 18		n.a.
M18	2 47	12 38	4 59	6 21	1 25	6 2	1 23	23 43	0 17	0 31	1 8	6 7	2 43	6 34	0 43	8 55	1 53	26 34	17 3	8 53	9 8	4 16		n.a.
T 19	2 24	15 22	5 14	5 26	1 17	5 32	1 22	23 47	0 19	0 37	1 8	6 5	2 43	6 32	0 43	8 55	1 53	26 34	17 2	8 54	9 9	4 14		n.a.
W20	2 0	17 26	5 15	4 29	1 9	5 2	1 21	23 51	0 21	0 43	1 8	6 4	2 43	6 31	0 43	8 56	1 53	26 35	17 2	8 55	9 10	4 12		n.a.
T 21	1 37	18 40	5 0	3 31	1 1	4 32	1 20	23 55	0 22	0 49	1 8	6 2	2 43	6 30	0 43	8 57	1 53	26 35	17 2	8 55	9 11	4 10		n.a.
F 22	1 14	18 56	4 29	2 33	0 52	4 2	1 19	23 58	0 24	0 55	1 8	6 1	2 44	6 28	0 43	8 58	1 53	26 35	17 2	8 55	9 12	4 9		n.a.
S 23	0 50	18 6	3 41	1 33	0 42	3 31	1 18	24 2	0 26	1 0	1 8	5 59	2 44	6 27	0 43	8 58	1 53	26 36	17 2	8 54	9 14	4 7		n.a.
S 24	0 27	16 8	2 40	0 33	0 32	3 0	1 18	24 5	0 28	1 6	1 8	5 58	2 44	6 26	0 43	8 59	1 53	26 36	17 1	8 54	9 15	4 5		n.a.
M25	0 3	13 5	1 26	0n28	0 22	2 30	1 16	24 8	0 29	1 12	1 7	5 56	2 44	6 24	0 43	9 0	1 53	26 36	17 1	8 53	9 16	4 3		n.a.
T 26	0n20	9 8	0 5	1 29	0 12	1 59	1 15	24 11	0 31	1 18	1 7	5 54	2 44	6 23	0 43	9 1	1 53	26 37	17 1	8 53	9 17	4 1		n.a.
W27	0 44	4 31	1n18	2 30	0 1	1 28	1 14	24 14	0 33	1 23	1 7	5 53	2 44	6 22	0 43	9 1	1 53	26 37	17 1	8 53	9 18	3 59		n.a.
T 28	1 7	0s25	2 36	3 31	0n 9	0 57	1 13	24 17	0 35	1 29	1 7	5 51	2 44	6 21	0 43	9 2	1 53	26 37	17 0	8 54	9 20	3 57		n.a.
F 29	1 30	5 17	3 42	4 32	0 20	0 26	1 12	24 19	0 37	1 35	1 7	5 50	2 44	6 19	0 43	9 3	1 53	26 38	17 0	8 55	9 21	3 55		n.a.
S 30	1 54	9 45	4 31	5 32	0 31	0n 5	1 10	24 22	0 39	1 41	1 7	5 48	2 44	6 18	0 43	9 4	1 53	26 38	17 0	8 56	9 22	3 53		n.a.
S 31	2n17	13s31	5n 2	6n32	0n42	0n35	1s 9	24s24	0s41	1n46	1s 7	5s46	2n44	6s17	0s43	9n 5	1s53	26n38	17n 0	8n58	9n23	3s52		n.a.

Julian Day Number = 1628343.5, Delta T = 03h43m23s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'19, Lahiri = - 7°28'18 Julian Calendar 1 March 255 BCE == Greg. Calendar 25 Feb. 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

APRIL 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 19 44	6♈39'00	5♐42	16♈50	5♈19	29♐35	7♈12	20°R58	15♓59	27♈52	1°R58	7°R 9	6♍ 2	24♓ 7	n.a.	M 1
T 2	12 23 41	7°37'02	19°21	18°53	6°33	0♑10	7°27	20♎54	16° 2	27°54	1♍57	7♍ 7	5°59	24°14	n.a.	T 2
W 3	12 27 37	8°35'03	2♑32	20°53	7°47	0°44	7°41	20°50	16° 5	27°56	1°55	7° 6	5°56	24°21	n.a.	W 3
T 4	12 31 34	9°33'02	15°19	22°52	9° 1	1°19	7°55	20°46	16° 9	27°59	1°54	7°D 6	5°53	24°27	n.a.	T 4
F 5	12 35 30	10°31'00	27°44	24°47	10°15	1°53	8° 9	20°41	16°12	28° 1	1°53	7° 7	5°49	24°34	n.a.	F 5
S 6	12 39 27	11°28'56	9♒53	26°41	11°29	2°27	8°24	20°37	16°15	28° 3	1°52	7° 8	5°46	24°41	n.a.	S 6
S 7	12 43 23	12°26'51	21°51	28°31	12°43	3° 1	8°38	20°32	16°18	28° 5	1°50	7°10	5°43	24°47	n.a.	S 7
M 8	12 47 20	13°24'45	3♓41	0♉18	13°57	3°35	8°52	20°28	16°21	28° 7	1°49	7°R11	5°40	24°54	n.a.	M 8
T 9	12 51 17	14°22'37	15°27	2° 2	15°10	4° 9	9° 6	20°24	16°24	28° 9	1°48	7°10	5°37	25° 1	n.a.	T 9
W10	12 55 13	15°20'27	27°14	3°43	16°24	4°43	9°21	20°19	16°28	28°12	1°47	7° 8	5°34	25° 7	n.a.	W10
T 11	12 59 10	16°18'16	9♈ 4	5°20	17°38	5°16	9°35	20°15	16°31	28°14	1°46	7° 5	5°30	25°14	n.a.	T 11
F 12	13 3 6	17°16'04	20°58	6°54	18°52	5°49	9°49	20°10	16°34	28°16	1°45	6°59	5°27	25°21	n.a.	F 12
S 13	13 7 3	18°13'50	2♉59	8°24	20° 6	6°22	10° 3	20° 6	16°37	28°18	1°44	6°52	5°24	25°27	n.a.	S 13
S 14	13 10 59	19°11'34	15° 9	9°51	21°20	6°55	10°17	20° 1	16°40	28°20	1°43	6°44	5°21	25°34	n.a.	S 14
M15	13 14 56	20° 9'17	27°28	11°14	22°33	7°28	10°31	19°57	16°43	28°23	1°42	6°37	5°18	25°40	n.a.	M15
T 16	13 18 52	21° 6'58	9♊59	12°33	23°47	8° 1	10°46	19°52	16°46	28°25	1°41	6°30	5°15	25°47	n.a.	T 16
W17	13 22 49	22° 4'38	22°43	13°48	25° 1	8°33	11° 0	19°48	16°49	28°27	1°40	6°25	5°11	25°54	n.a.	W17
T 18	13 26 45	23° 2'16	5♋42	15° 0	26°15	9° 5	11°14	19°44	16°52	28°29	1°39	6°21	5° 8	26° 0	n.a.	T 18
F 19	13 30 42	23°59'53	18°58	16° 7	27°29	9°37	11°28	19°39	16°54	28°32	1°38	6°D20	5° 5	26° 7	n.a.	F 19
S 20	13 34 39	24°57'27	2♌34	17°11	28°42	10° 9	11°42	19°35	16°57	28°34	1°37	6°20	5° 2	26°14	n.a.	S 20
S 21	13 38 35	25°55'01	16°30	18°10	29°56	10°40	11°56	19°30	17° 0	28°36	1°37	6°21	4°59	26°20	n.a.	S 21
M22	13 42 32	26°52'32	0♍48	19° 6	1♉10	11°12	12°10	19°26	17° 3	28°38	1°36	6°R22	4°55	26°27	n.a.	M22
T 23	13 46 28	27°50'02	15°25	19°57	2°23	11°43	12°24	19°21	17° 6	28°41	1°35	6°21	4°52	26°34	n.a.	T 23
W24	13 50 25	28°47'31	0♎18	20°44	3°37	12°14	12°38	19°17	17° 9	28°43	1°34	6°19	4°49	26°40	n.a.	W24
T 25	13 54 21	29°44'58	15°20	21°27	4°51	12°44	12°52	19°13	17°11	28°45	1°34	6°15	4°46	26°47	n.a.	T 25
F 26	13 58 18	0♉42'24	0♏22	22° 5	6° 5	13°15	13° 6	19° 8	17°14	28°47	1°33	6° 9	4°43	26°54	n.a.	F 26
S 27	14 2 14	1°39'48	15°16	22°39	7°18	13°45	13°19	19° 4	17°17	28°50	1°32	6° 1	4°40	27° 0	n.a.	S 27
S 28	14 6 11	2°37'12	29°52	23° 8	8°32	14°15	13°33	19° 0	17°19	28°52	1°32	5°52	4°36	27° 7	n.a.	S 28
M29	14 10 8	3°34'35	14♐ 4	23°33	9°46	14°45	13°47	18°56	17°22	28°54	1°31	5°44	4°33	27°14	n.a.	M29
T 30	14 14 4	4♉31'57	27♐49	23♉53	10♉59	15♑14	14♈ 1	18♎51	17♓25	28♈56	1♍31	5♍37	4♍30	27♓20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n40	16s22	5n14	7n30	0n53	1n 6	1s 8	24s26	0s43	1n52	1s 7	5s45	2n44	6s15	0s43	9n 5	1s53	26n38	16n59	8n59	9n24	3s50		n.a.
T 2	3 3	18 12	5 7	8 27	1 3	1 37	1 6	24 28	0 45	1 58	1 7	5 43	2 44	6 14	0 43	9 6	1 53	26 39	16 59	9 0	9 25	3 48		n.a.
W 3	3 27	18 58	4 44	9 23	1 13	2 8	1 5	24 30	0 47	2 3	1 7	5 41	2 44	6 13	0 43	9 7	1 53	26 39	16 59	9 1	9 27	3 46		n.a.
T 4	3 50	18 45	4 7	10 17	1 23	2 39	1 3	24 32	0 49	2 9	1 7	5 40	2 45	6 12	0 43	9 8	1 53	26 39	16 59	9 1	9 28	3 44		n.a.
F 5	4 13	17 36	3 19	11 9	1 33	3 10	1 1	24 34	0 51	2 15	1 7	5 38	2 45	6 10	0 43	9 9	1 53	26 39	16 58	9 0	9 29	3 42		n.a.
S 6	4 36	15 40	2 24	11 59	1 42	3 41	1 0	24 35	0 53	2 21	1 7	5 36	2 45	6 9	0 43	9 9	1 52	26 39	16 58	9 0	9 30	3 40		n.a.
S 7	4 59	13 5	1 23	12 47	1 50	4 11	0 58	24 37	0 55	2 26	1 7	5 35	2 45	6 8	0 43	9 10	1 52	26 40	16 58	8 59	9 31	3 38		n.a.
M 8	5 21	9 59	0 19	13 33	1 58	4 42	0 56	24 38	0 57	2 32	1 7	5 33	2 45	6 7	0 43	9 11	1 52	26 40	16 57	8 59	9 33	3 36		n.a.
T 9	5 44	6 29	0s45	14 16	2 5	5 12	0 55	24 39	1 0	2 38	1 7	5 31	2 45	6 6	0 43	9 12	1 52	26 40	16 57	8 59	9 34	3 34		n.a.
W10	6 7	2 45	1 47	14 57	2 11	5 43	0 53	24 40	1 2	2 43	1 7	5 30	2 45	6 4	0 43	9 13	1 52	26 40	16 57	9 0	9 35	3 33		n.a.
T 11	6 29	1n 7	2 45	15 36	2 17	6 13	0 51	24 41	1 4	2 49	1 7	5 28	2 45	6 3	0 43	9 13	1 52	26 40	16 56	9 1	9 36	3 31		n.a.
F 12	6 52	4 57	3 36	16 13	2 22	6 43	0 49	24 42	1 7	2 55	1 7	5 26	2 45	6 2	0 44	9 14	1 52	26 40	16 56	9 3	9 37	3 29		n.a.
S 13	7 14	8 38	4 17	16 46	2 26	7 13	0 47	24 43	1 9	3 0	1 7	5 25	2 45	6 1	0 44	9 15	1 52	26 40	16 56	9 6	9 38	3 27		n.a.
S 14	7 36	11 59	4 48	17 18	2 29	7 43	0 45	24 44	1 11	3 6	1 7	5 23	2 45	6 0	0 44	9 16	1 52	26 40	16 55	9 9	9 40	3 25		n.a.
M15	7 58	14 53	5 5	17 47	2 32	8 13	0 43	24 44	1 14	3 12	1 7	5 21	2 45	5 58	0 44	9 17	1 52	26 40	16 55	9 11	9 41	3 23		n.a.
T 16	8 20	17 8	5 8	18 13	2 34	8 42	0 41	24 45	1 16	3 17	1 7	5 20	2 45	5 57	0 44	9 17	1 52	26 40	16 54	9 14	9 42	3 21		n.a.
W17	8 42	18 35	4 57	18 37	2 35	9 12	0 39	24 45	1 19	3 23	1 7	5 18	2 45	5 56	0 44	9 18	1 52	26 40	16 54	9 16	9 43	3 19		n.a.
T 18	9 4	19 7	4 30	18 59	2 35	9 41	0 37	24 45	1 21	3 28	1 7	5 16	2 44	5 55	0 44	9 19	1 52	26 40	16 54	9 17	9 44	3 17		n.a.
F 19	9 25	18 36	3 48	19 18	2 34	10 10	0 35	24 46	1 24	3 34	1 7	5 15	2 44	5 54	0 44	9 20	1 52	26 40	16 53	9 18	9 46	3 15		n.a.
S 20	9 46	17 2	2 52	19 35	2 32	10 38	0 32	24 46	1 26	3 39	1 7	5 13	2 44	5 53	0 44	9 21	1 52	26 40	16 53	9 18	9 47	3 13		n.a.
S 21	10 8	14 24	1 45	19 50	2 29	11 7	0 30	24 46	1 29	3 45	1 7	5 11	2 44	5 52	0 44	9 21	1 52	26 40	16 52	9 17	9 48	3 12		n.a.
M22	10 29	10 51	0 30	20 2	2 25	11 35	0 28	24 46	1 31	3 51	1 7	5 10	2 44	5 51	0 44	9 22	1 52	26 40	16 52	9 17	9 49	3 10		n.a.
T 23	10 50	6 34	0n49	20 12	2 21	12 3	0 26	24 46	1 34	3 56	1 7	5 8	2 44	5 49	0 44	9 23	1 52	26 40	16 52	9 17	9 50	3 8		n.a.
W24	11 10	1 47	2 5	20 19	2 15	12 30	0 24	24 46	1 37	4 2	1 7	5 6	2 44	5 48	0 44	9 24	1 52	26 40	16 51	9 18	9 51	3 6		n.a.
T 25	11 31	3s 8	3 14	20 24	2 9	12 57	0 21	24 45	1 40	4 7	1 7	5 5	2 44	5 47	0 44	9 25	1 52	26 40	16 51	9 19	9 53	3 4		n.a.
F 26	11 51	7 51	4 9	20 27	2 1	13 24	0 19	24 45	1 42	4 12	1 7	5 3	2 44	5 46	0 44	9 26	1 52	26 39	16 50	9 22	9 54	3 2		n.a.
S 27	12 12	12 3	4 46	20 28	1 53	13 51	0 17	24 45	1 45	4 18	1 7	5 2	2 44	5 45	0 44	9 26	1 52	26 39	16 50	9 25	9 55	3 0		n.a.
S 28	12 32	15 25	5 4	20 27	1 44	14 17	0 14	24 44	1 48	4 23	1 7	5 0	2 44	5 44	0 44	9 27	1 52	26 39	16 49	9 28	9 56	2 58		n.a.
M29	12 51	17 45	5 3	20 23	1 34	14 43	0 12	24 44	1 51	4 29	1 7	4 59	2 44	5 43	0 44	9 28	1 52	26 39	16 49	9 31	9 57	2 56		n.a.
T 30	13n11	18s59	4n43	20n18	1n22	15n 9	0s10	24s44	1s54	4n34	1s 7	4s57	2n44	5s42	0s44	9n29	1s52	26n39	16n49	9n34	9n58	2s54		n.a.

Julian Day Number = 1628374.5, Delta T = 03h43m22s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'14, Lahiri = - 7°28'14 Julian Calendar 1 Apr. 255 BCE == Greg. Calendar 28 March 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

MAY 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 18 1	5♉29'19	11♊ 5	24♉ 9	12♉13	15♊44	14♈15	18°R47	17♓27	28♈59	1°R30	5°R32	4♍27	27♓27	n.a.	W 1
T 2	14 21 57	6°26'39	23°54	24°19	13°26	16°13	14°28	18♎43	17°30	29° 1	1♍30	5♍30	4°24	27°34	n.a.	T 2
F 3	14 25 54	7°23'59	6♒21	24°26	14°40	16°41	14°42	18°39	17°32	29° 3	1°29	5°D29	4°21	27°40	n.a.	F 3
S 4	14 29 50	8°21'18	18°30	24°R27	15°54	17°10	14°56	18°35	17°35	29° 5	1°29	5°29	4°17	27°47	n.a.	S 4
S 5	14 33 47	9°18'37	0♓27	24°24	17° 7	17°38	15° 9	18°31	17°37	29° 8	1°28	5°R30	4°14	27°54	n.a.	S 5
M 6	14 37 43	10°15'54	12°16	24°17	18°21	18° 6	15°23	18°27	17°39	29°10	1°28	5°30	4°11	28° 0	n.a.	M 6
T 7	14 41 40	11°13'12	24° 3	24° 6	19°35	18°33	15°36	18°23	17°42	29°12	1°28	5°28	4° 8	28° 7	n.a.	T 7
W 8	14 45 37	12°10'28	5♈51	23°50	20°48	19° 0	15°50	18°19	17°44	29°14	1°27	5°24	4° 5	28°14	n.a.	W 8
T 9	14 49 33	13° 7'44	17°45	23°31	22° 2	19°27	16° 3	18°15	17°46	29°16	1°27	5°17	4° 1	28°20	n.a.	T 9
F 10	14 53 30	14° 4'59	29°47	23° 9	23°16	19°53	16°17	18°11	17°49	29°19	1°27	5° 8	3°58	28°27	n.a.	F 10
S 11	14 57 26	15° 2'14	12♉ 0	22°43	24°29	20°19	16°30	18° 8	17°51	29°21	1°27	4°57	3°55	28°34	n.a.	S 11
S 12	15 1 23	15°59'28	24°23	22°14	25°43	20°45	16°43	18° 4	17°53	29°23	1°27	4°45	3°52	28°40	n.a.	S 12
M13	15 5 19	16°56'41	6♊58	21°44	26°56	21°10	16°56	18° 0	17°55	29°25	1°26	4°33	3°49	28°47	n.a.	M13
T 14	15 9 16	17°53'54	19°45	21°12	28°10	21°35	17°10	17°57	17°57	29°27	1°26	4°22	3°46	28°54	n.a.	T 14
W15	15 13 12	18°51'06	2♋44	20°38	29°23	22° 0	17°23	17°53	17°59	29°29	1°26	4°13	3°42	29° 0	n.a.	W15
T 16	15 17 9	19°48'18	15°55	20° 4	0♊37	22°24	17°36	17°50	18° 1	29°32	1°26	4° 6	3°39	29° 7	n.a.	T 16
F 17	15 21 6	20°45'28	29°18	19°31	1°51	22°48	17°49	17°46	18° 3	29°34	1°D26	4° 3	3°36	29°14	n.a.	F 17
S 18	15 25 2	21°42'38	12♌55	18°57	3° 4	23°11	18° 2	17°43	18° 5	29°36	1°26	4° 1	3°33	29°20	n.a.	S 18
S 19	15 28 59	22°39'47	26°46	18°25	4°18	23°34	18°15	17°40	18° 7	29°38	1°26	4° 1	3°30	29°27	n.a.	S 19
M20	15 32 55	23°36'55	10♍53	17°55	5°31	23°57	18°28	17°37	18° 9	29°40	1°26	4° 1	3°26	29°33	n.a.	M20
T 21	15 36 52	24°34'02	25°13	17°26	6°45	24°19	18°40	17°34	18°11	29°42	1°27	4° 0	3°23	29°40	n.a.	T 21
W22	15 40 48	25°31'09	9♎46	17° 1	7°58	24°40	18°53	17°30	18°12	29°44	1°27	3°56	3°20	29°47	n.a.	W22
T 23	15 44 45	26°28'15	24°27	16°39	9°12	25° 1	19° 6	17°27	18°14	29°46	1°27	3°50	3°17	29°53	n.a.	T 23
F 24	15 48 42	27°25'21	9♏ 9	16°20	10°25	25°22	19°18	17°25	18°16	29°48	1°27	3°42	3°14	0♈ 0	n.a.	F 24
S 25	15 52 38	28°22'27	23°46	16° 5	11°39	25°42	19°31	17°22	18°18	29°50	1°27	3°31	3°11	0° 7	n.a.	S 25
S 26	15 56 35	29°19'32	8♐10	15°54	12°52	26° 2	19°43	17°19	18°19	29°52	1°28	3°20	3° 7	0°13	n.a.	S 26
M27	16 0 31	0♊16'38	22°15	15°48	14° 6	26°21	19°56	17°16	18°21	29°54	1°28	3° 9	3° 4	0°20	n.a.	M27
T 28	16 4 28	1°13'43	5♊56	15°D46	15°19	26°40	20° 8	17°14	18°22	29°56	1°28	3° 0	3° 1	0°27	n.a.	T 28
W29	16 8 24	2°10'48	19°11	15°49	16°33	26°58	20°20	17°11	18°24	29°58	1°29	2°52	2°58	0°33	n.a.	W29
T 30	16 12 21	3° 7'53	2♒ 1	15°57	17°46	27°15	20°33	17° 9	18°25	0♉ 0	1°29	2°48	2°55	0°40	n.a.	T 30
F 31	16 16 17	4♊ 4'59	14♒29	16♉ 9	19♊ 0	27♊32	20♈45	17♎ 6	18♓27	0♉ 2	1♍30	2♍45	2♍52	0♈47	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	13n30	19s 7	4n 9	20n10	1n10	15n34	0s 7	24s43	1s57	4n39	1s 7	4s56	2n44	5s41	0s44	9n30	1s52	26n38	16n48	9n35	10n 0	2s52			n.a.
T 2	13 50	18 14	3 24	20 0	0 58	15 59	0 5	24 43	2 0	4 45	1 7	4 54	2 43	5 40	0 44	9 30	1 52	26 38	16 48	9 36	10 1	2 50			n.a.
F 3	14 9	16 30	2 29	19 49	0 44	16 24	0 2	24 42	2 3	4 50	1 7	4 53	2 43	5 39	0 44	9 31	1 52	26 38	16 47	9 37	10 2	2 48			n.a.
S 4	14 27	14 2	1 30	19 35	0 30	16 48	0n 0	24 41	2 6	4 55	1 7	4 51	2 43	5 38	0 44	9 32	1 52	26 38	16 47	9 37	10 3	2 46			n.a.
S 5	14 46	11 2	0 27	19 20	0 15	17 11	0 2	24 41	2 9	5 1	1 7	4 50	2 43	5 37	0 44	9 33	1 52	26 37	16 46	9 36	10 4	2 45			n.a.
M 6	15 4	7 36	0s36	19 3	0s 1	17 34	0 5	24 40	2 12	5 6	1 7	4 48	2 43	5 36	0 44	9 33	1 52	26 37	16 46	9 36	10 5	2 43			n.a.
T 7	15 22	3 53	1 37	18 45	0 17	17 57	0 7	24 40	2 16	5 11	1 7	4 47	2 43	5 36	0 44	9 34	1 52	26 37	16 45	9 37	10 7	2 41			n.a.
W 8	15 40	0 0	2 34	18 25	0 34	18 19	0 10	24 39	2 19	5 16	1 7	4 46	2 43	5 35	0 44	9 35	1 52	26 36	16 45	9 39	10 8	2 39			n.a.
T 9	15 58	3n54	3 25	18 4	0 50	18 41	0 12	24 38	2 22	5 22	1 7	4 44	2 43	5 34	0 44	9 36	1 52	26 36	16 44	9 41	10 9	2 37			n.a.
F 10	16 15	7 41	4 7	17 42	1 7	19 2	0 14	24 38	2 25	5 27	1 7	4 43	2 42	5 33	0 44	9 37	1 52	26 36	16 44	9 44	10 10	2 35			n.a.
S 11	16 32	11 12	4 38	17 19	1 24	19 23	0 17	24 37	2 29	5 32	1 7	4 42	2 42	5 32	0 44	9 37	1 52	26 35	16 43	9 48	10 11	2 33			n.a.
S 12	16 49	14 18	4 57	16 55	1 41	19 44	0 19	24 36	2 32	5 37	1 7	4 40	2 42	5 31	0 44	9 38	1 52	26 35	16 43	9 53	10 12	2 31			n.a.
M13	17 6	16 47	5 1	16 31	1 58	20 3	0 22	24 36	2 36	5 42	1 7	4 39	2 42	5 30	0 44	9 39	1 52	26 35	16 42	9 57	10 14	2 29			n.a.
T 14	17 22	18 29	4 51	16 7	2 14	20 23	0 24	24 35	2 39	5 47	1 7	4 38	2 42	5 30	0 44	9 40	1 52	26 34	16 42	10 1	10 15	2 27			n.a.
W15	17 38	19 16	4 26	15 43	2 30	20 41	0 26	24 35	2 43	5 52	1 7	4 37	2 42	5 29	0 44	9 40	1 52	26 34	16 41	10 5	10 16	2 25			n.a.
T 16	17 54	19 2	3 46	15 20	2 45	20 59	0 29	24 34	2 46	5 57	1 7	4 36	2 41	5 28	0 44	9 41	1 52	26 33	16 41	10 7	10 17	2 23			n.a.
F 17	18 9	17 43	2 53	14 57	2 59	21 17	0 31	24 34	2 50	6 2	1 7	4 34	2 41	5 27	0 44	9 42	1 52	26 33	16 40	10 9	10 18	2 21			n.a.
S 18	18 24	15 23	1 49	14 36	3 12	21 34	0 33	24 33	2 54	6 7	1 7	4 33	2 41	5 27	0 44	9 43	1 52	26 32	16 40	10 9	10 19	2 19			n.a.
S 19	18 39	12 8	0 38	14 15	3 23	21 50	0 36	24 33	2 57	6 12	1 7	4 32	2 41	5 26	0 44	9 43	1 53	26 32	16 39	10 9	10 21	2 17			n.a.
M20	18 54	8 8	0n36	13 57	3 34	22 6	0 38	24 33	3 1	6 17	1 7	4 31	2 41	5 25	0 44	9 44	1 53	26 31	16 39	10 9	10 22	2 15			n.a.
T 21	19 8	3 36	1 50	13 40	3 44	22 21	0 40	24 32	3 5	6 22	1 8	4 30	2 40	5 25	0 44	9 45	1 53	26 31	16 38	10 10	10 23	2 13			n.a.
W22	19 22	1s12	2 57	13 25	3 52	22 36	0 42	24 32	3 9	6 27	1 8	4 29	2 40	5 24	0 44	9 45	1 53	26 30	16 38	10 11	10 24	2 11			n.a.
T 23	19 36	5 58	3 53	13 12	3 59	22 49	0 44	24 32	3 12	6 31	1 8	4 28	2 40	5 23	0 45	9 46	1 53	26 30	16 37	10 13	10 25	2 9			n.a.
F 24	19 49	10 23	4 34	13 1	4 4	23 3	0 47	24 32	3 16	6 36	1 8	4 27	2 40	5 23	0 45	9 47	1 53	26 29	16 37	10 16	10 26	2 8			n.a.
S 25	20 2	14 9	4 57	12 53	4 8	23 15	0 49	24 32	3 20	6 41	1 8	4 26	2 40	5 22	0 45	9 48	1 53	26 29	16 36	10 20	10 28	2 6			n.a.
S 26	20 15	17 0	5 0	12 48	4 11	23 27	0 51	24 32	3 24	6 45	1 8	4 26	2 39	5 21	0 45	9 48	1 53	26 28	16 36	10 24	10 29	2 4			n.a.
M27	20 27	18 46	4 45	12 44	4 12	23 38	0 53	24 32	3 28	6 50	1 8	4 25	2 39	5 21	0 45	9 49	1 53	26 28	16 35	10 28	10 30	2 2			n.a.
T 28	20 39	19 22	4 13	12 44	4 12	23 49	0 55	24 33	3 32	6 55	1 8	4 24	2 39	5 20	0 45	9 50	1 53	26 27	16 35	10 32	10 31	2 0			n.a.
W29	20 51	18 53	3 29	12 46	4 11	23 59	0 57	24 33	3 36	6 59	1 8	4 23	2 39	5 20	0 45	9 50	1 53	26 26	16 34	10 34	10 32	1 58			n.a.
T 30	21 2	17 26	2 35	12 50	4 9	24 8	0 59	24 33	3 41	7 4	1 8	4 22	2 39	5 19	0 45	9 51	1 53	26 26	16 34	10 36	10 33	1 56			n.a.
F 31	21n13	15s10	1n35	12n57	4s 6	24n16	1n 1	24s34	3s45	7n 9	1s 8	4s22	2n38	5s19	0s45	9n52	1s53	26n25	16n33	10n37	10n35	1s54			n.a.

Julian Day Number = 1628404.5, Delta T = 03h43m21s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'10, Lahiri = - 7°28'10 Julian Calendar 1 May 255 BCE == Greg. Calendar 27 Apr. 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

JUNE 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 20 14	5♊ 2'05	26♒40	16♉27	20♊13	27♋49	20♈57	17°R 4	18♓28	0♉ 4	1♍30	2°R45	2♍48	0♈53	n.a.	S 1
S 2	16 24 11	5°59'11	8♓38	16°49	21°27	28° 5	21° 9	17♎ 2	18°29	0° 6	1°31	2♍45	2°45	1° 0	n.a.	S 2
M 3	16 28 7	6°56'17	20°28	17°17	22°40	28°20	21°21	17° 0	18°30	0° 8	1°31	2°44	2°42	1° 7	n.a.	M 3
T 4	16 32 4	7°53'24	2♈17	17°49	23°54	28°34	21°33	16°58	18°32	0°10	1°32	2°42	2°39	1°13	n.a.	T 4
W 5	16 36 0	8°50'31	14° 8	18°26	25° 7	28°48	21°44	16°56	18°33	0°12	1°32	2°38	2°36	1°20	n.a.	W 5
T 6	16 39 57	9°47'38	26° 7	19° 8	26°20	29° 1	21°56	16°54	18°34	0°13	1°33	2°32	2°32	1°27	n.a.	T 6
F 7	16 43 53	10°44'46	8♉17	19°55	27°34	29°14	22° 8	16°52	18°35	0°15	1°34	2°22	2°29	1°33	n.a.	F 7
S 8	16 47 50	11°41'54	20°41	20°46	28°47	29°26	22°19	16°51	18°36	0°17	1°34	2°11	2°26	1°40	n.a.	S 8
S 9	16 51 46	12°39'02	3♊19	21°42	0♋ 1	29°37	22°31	16°49	18°37	0°19	1°35	1°59	2°23	1°47	n.a.	S 9
M10	16 55 43	13°36'11	16°12	22°43	1°14	29°48	22°42	16°48	18°38	0°21	1°36	1°46	2°20	1°53	n.a.	M10
T 11	16 59 40	14°33'21	29°19	23°48	2°28	29°58	22°53	16°46	18°39	0°22	1°37	1°35	2°17	2° 0	n.a.	T 11
W12	17 3 36	15°30'30	12♋39	24°57	3°41	0♒ 7	23° 4	16°45	18°40	0°24	1°38	1°25	2°13	2° 7	n.a.	W12
T 13	17 7 33	16°27'40	26°10	26°11	4°54	0°15	23°15	16°44	18°40	0°26	1°38	1°19	2°10	2°13	n.a.	T 13
F 14	17 11 29	17°24'50	9♌50	27°30	6° 8	0°23	23°26	16°43	18°41	0°27	1°39	1°15	2° 7	2°20	n.a.	F 14
S 15	17 15 26	18°22'00	23°39	28°52	7°21	0°30	23°37	16°42	18°42	0°29	1°40	1°13	2° 4	2°27	n.a.	S 15
S 16	17 19 22	19°19'11	7♍36	0♊19	8°35	0°36	23°48	16°41	18°42	0°31	1°41	1°D13	2° 1	2°33	n.a.	S 16
M17	17 23 19	20°16'21	21°40	1°50	9°48	0°41	23°59	16°40	18°43	0°32	1°42	1°R13	1°58	2°40	n.a.	M17
T 18	17 27 15	21°13'32	5♎51	3°25	11° 1	0°46	24° 9	16°39	18°44	0°34	1°43	1°13	1°54	2°47	n.a.	T 18
W19	17 31 12	22°10'43	20° 6	5° 3	12°15	0°50	24°20	16°38	18°44	0°35	1°44	1°10	1°51	2°53	n.a.	W19
T 20	17 35 9	23° 7'54	4♏25	6°46	13°28	0°53	24°30	16°38	18°44	0°37	1°45	1° 5	1°48	3° 0	n.a.	T 20
F 21	17 39 5	24° 5'06	18°43	8°31	14°41	0°55	24°40	16°37	18°45	0°38	1°47	0°57	1°45	3° 7	n.a.	F 21
S 22	17 43 2	25° 2'19	2♐55	10°20	15°55	0°57	24°51	16°37	18°45	0°40	1°48	0°48	1°42	3°13	n.a.	S 22
S 23	17 46 58	25°59'32	16°56	12°12	17° 8	0°58	25° 1	16°37	18°45	0°41	1°49	0°38	1°38	3°20	n.a.	S 23
M24	17 50 55	26°56'46	0♑41	14° 7	18°21	0°R58	25°11	16°37	18°46	0°43	1°50	0°28	1°35	3°27	n.a.	M24
T 25	17 54 51	27°54'00	14° 8	16° 4	19°34	0°57	25°20	16°D37	18°46	0°44	1°51	0°20	1°32	3°33	n.a.	T 25
W26	17 58 48	28°51'16	27°14	18° 4	20°48	0°55	25°30	16°37	18°46	0°46	1°53	0°13	1°29	3°40	n.a.	W26
T 27	18 2 45	29°48'32	9♒59	20° 5	22° 1	0°53	25°40	16°37	18°46	0°47	1°54	0° 9	1°26	3°47	n.a.	T 27
F 28	18 6 41	0♋45'50	22°25	22° 8	23°14	0°50	25°49	16°37	18°46	0°48	1°55	0° 7	1°23	3°53	n.a.	F 28
S 29	18 10 38	1°43'08	4♓35	24°12	24°27	0°46	25°59	16°37	18°R46	0°50	1°56	0°D 7	1°19	4° 0	n.a.	S 29
S 30	18 14 34	2♋40'28	16♓33	26♊17	25♋41	0♒41	26♈ 8	16♎38	18♓46	0♉51	1♍58	0♍ 7	1♍16	4♈ 7	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n23	12s16	0n32	13n 6	4s 1	24n24	1n 3	24s35	3s49	7n13	1s 8	4s21	2n38	5s18	0s45	9n52	1s53	26n25	16n33	10n37	10n36	1s52		n.a.
S 2	21 34	8 55	0s31	13 18	3 56	24 31	1 5	24 36	3 53	7 17	1 8	4 21	2 38	5 18	0 45	9 53	1 53	26 24	16 32	10 37	10 37	1 50		n.a.
M 3	21 44	5 14	1 33	13 31	3 49	24 37	1 6	24 37	3 57	7 22	1 8	4 20	2 38	5 17	0 45	9 54	1 53	26 23	16 32	10 37	10 38	1 48		n.a.
T 4	21 53	1 22	2 30	13 47	3 42	24 43	1 8	24 38	4 2	7 26	1 9	4 19	2 37	5 17	0 45	9 54	1 53	26 23	16 31	10 38	10 39	1 46		n.a.
W 5	22 2	2n34	3 21	14 5	3 34	24 48	1 10	24 39	4 6	7 31	1 9	4 19	2 37	5 16	0 45	9 55	1 53	26 22	16 31	10 39	10 40	1 44		n.a.
T 6	22 11	6 26	4 3	14 25	3 25	24 52	1 12	24 41	4 10	7 35	1 9	4 18	2 37	5 16	0 45	9 55	1 53	26 21	16 30	10 42	10 41	1 42		n.a.
F 7	22 19	10 6	4 35	14 47	3 16	24 55	1 13	24 42	4 15	7 39	1 9	4 18	2 37	5 15	0 45	9 56	1 53	26 20	16 30	10 45	10 43	1 40		n.a.
S 8	22 27	13 24	4 55	15 10	3 6	24 58	1 15	24 44	4 19	7 43	1 9	4 17	2 36	5 15	0 45	9 57	1 53	26 20	16 29	10 49	10 44	1 38		n.a.
S 9	22 35	16 9	5 1	15 35	2 55	25 0	1 16	24 46	4 24	7 48	1 9	4 17	2 36	5 15	0 45	9 57	1 53	26 19	16 29	10 54	10 45	1 36		n.a.
M10	22 42	18 10	4 52	16 1	2 44	25 1	1 18	24 48	4 28	7 52	1 9	4 17	2 36	5 14	0 45	9 58	1 53	26 18	16 29	10 58	10 46	1 34		n.a.
T 11	22 49	19 16	4 27	16 29	2 32	25 1	1 19	24 50	4 32	7 56	1 9	4 16	2 36	5 14	0 45	9 58	1 53	26 18	16 28	11 2	10 47	1 32		n.a.
W12	22 55	19 21	3 47	16 58	2 21	25 1	1 21	24 52	4 37	8 0	1 9	4 16	2 35	5 14	0 45	9 59	1 53	26 17	16 28	11 6	10 48	1 30		n.a.
T 13	23 2	18 19	2 55	17 27	2 8	25 0	1 22	24 55	4 41	8 4	1 9	4 16	2 35	5 13	0 45	9 59	1 53	26 16	16 27	11 8	10 50	1 28		n.a.
F 14	23 7	16 13	1 51	17 57	1 56	24 58	1 23	24 57	4 46	8 8	1 9	4 16	2 35	5 13	0 45	10 0	1 53	26 15	16 27	11 10	10 51	1 26		n.a.
S 15	23 12	13 10	0 40	18 28	1 43	24 55	1 24	25 0	4 50	8 12	1 10	4 16	2 35	5 13	0 45	10 1	1 53	26 14	16 26	11 10	10 52	1 24		n.a.
S 16	23 17	9 21	0n34	19 0	1 30	24 52	1 26	25 3	4 55	8 16	1 10	4 15	2 34	5 13	0 45	10 1	1 53	26 14	16 26	11 10	10 53	1 22		n.a.
M17	23 22	4 58	1 46	19 31	1 17	24 48	1 27	25 6	4 59	8 20	1 10	4 15	2 34	5 13	0 45	10 2	1 53	26 13	16 25	11 10	10 54	1 20		n.a.
T 18	23 26	0 18	2 53	20 2	1 4	24 43	1 28	25 10	5 4	8 24	1 10	4 15	2 34	5 12	0 45	10 2	1 54	26 12	16 25	11 10	10 55	1 18		n.a.
W19	23 29	4s25	3 49	20 34	0 51	24 37	1 29	25 13	5 8	8 27	1 10	4 15	2 34	5 12	0 45	10 3	1 54	26 11	16 24	11 11	10 56	1 16		n.a.
T 20	23 33	8 53	4 31	21 4	0 38	24 31	1 29	25 17	5 13	8 31	1 10	4 15	2 33	5 12	0 45	10 3	1 54	26 10	16 24	11 13	10 58	1 14		n.a.
F 21	23 35	12 51	4 56	21 34	0 26	24 24	1 30	25 20	5 17	8 35	1 10	4 15	2 33	5 12	0 46	10 4	1 54	26 10	16 23	11 16	10 59	1 12		n.a.
S 22	23 38	16 2	5 3	22 3	0 13	24 16	1 31	25 24	5 21	8 39	1 10	4 16	2 33	5 12	0 46	10 4	1 54	26 9	16 23	11 19	11 0	1 10		n.a.
S 23	23 40	18 15	4 51	22 30	0 1	24 8	1 32	25 28	5 26	8 42	1 10	4 16	2 32	5 12	0 46	10 5	1 54	26 8	16 22	11 23	11 1	1 8		n.a.
M24	23 41	19 21	4 23	22 56	0n11	23 58	1 32	25 33	5 30	8 46	1 11	4 16	2 32	5 12	0 46	10 5	1 54	26 7	16 22	11 26	11 2	1 6		n.a.
T 25	23 42	19 19	3 40	23 21	0 22	23 49	1 33	25 37	5 34	8 49	1 11	4 16	2 32	5 12	0 46	10 5	1 54	26 6	16 22	11 29	11 3	1 4		n.a.
W26	23 43	18 15	2 46	23 43	0 32	23 38	1 33	25 41	5 39	8 53	1 11	4 16	2 32	5 12	0 46	10 6	1 54	26 5	16 21	11 32	11 4	1 2		n.a.
T 27	23 43	16 16	1 46	24 3	0 42	23 27	1 34	25 46	5 43	8 56	1 11	4 17	2 31	5 12	0 46	10 6	1 54	26 4	16 21	11 33	11 6	1 0		n.a.
F 28	23 43	13 33	0 41	24 21	0 52	23 15	1 34	25 51	5 47	8 59	1 11	4 17	2 31	5 12	0 46	10 7	1 54	26 3	16 20	11 34	11 7	0 58		n.a.
S 29	23 43	10 19	0s24	24 36	1 1	23 2	1 35	25 56	5 51	9 3	1 11	4 17	2 31	5 12	0 46	10 7	1 54	26 3	16 20	11 34	11 8	0 56		n.a.
S 30	23n42	6s42	1s27	24n49	1n 9	22n49	1n35	26s 1	5s55	9n 6	1s11	4s18	2n31	5s12	0s46	10n 8	1s54	26n 2	16n19	11n34	11n 9	0s54		n.a.

Julian Day Number = 1628435.5, Delta T = 03h43m20s
Ecliptic obliquity = 23°43'25, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'06, Lahiri = - 7°28'06 Julian Calendar 1 June 255 BCE == Greg. Calendar 28 May 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

JULY 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 18 31	3♋37'49	28♓24	28♊22	26♋54	0°R36	26♈17	16♎38	18°R46	0♉52	1♍59	0°R 8	1♍13	4♈13	n.a.	M 1
T 2	18 22 27	4°35'11	10♈14	0♋27	28° 7	0♒29	26°26	16°39	18♓46	0°53	2° 1	0♍ 8	1°10	4°20	n.a.	T 2
W 3	18 26 24	5°32'34	22° 8	2°33	29°20	0°22	26°35	16°39	18°46	0°55	2° 2	0° 7	1° 7	4°27	n.a.	W 3
T 4	18 30 20	6°29'59	4♉10	4°38	0♌33	0°15	26°44	16°40	18°46	0°56	2° 4	0° 3	1° 4	4°33	n.a.	T 4
F 5	18 34 17	7°27'25	16°25	6°43	1°47	0° 6	26°53	16°41	18°45	0°57	2° 5	29♌57	1° 0	4°40	n.a.	F 5
S 6	18 38 14	8°24'53	28°56	8°47	3° 0	29♑57	27° 1	16°42	18°45	0°58	2° 7	29°50	0°57	4°47	n.a.	S 6
S 7	18 42 10	9°22'22	11♊45	10°50	4°13	29°47	27° 9	16°43	18°45	0°59	2° 8	29°42	0°54	4°53	n.a.	S 7
M 8	18 46 7	10°19'52	24°54	12°52	5°26	29°37	27°18	16°44	18°44	1° 0	2°10	29°33	0°51	5° 0	n.a.	M 8
T 9	18 50 3	11°17'23	8♋20	14°53	6°39	29°25	27°26	16°46	18°44	1° 1	2°11	29°25	0°48	5° 7	n.a.	T 9
W10	18 54 0	12°14'56	22° 3	16°53	7°52	29°14	27°34	16°47	18°43	1° 2	2°13	29°19	0°44	5°13	n.a.	W10
T 11	18 57 56	13°12'30	5♌58	18°52	9° 5	29° 1	27°42	16°48	18°43	1° 3	2°15	29°15	0°41	5°20	n.a.	T 11
F 12	19 1 53	14°10'05	20° 3	20°49	10°19	28°48	27°49	16°50	18°42	1° 4	2°16	29°13	0°38	5°27	n.a.	F 12
S 13	19 5 49	15° 7'42	4♍14	22°45	11°32	28°35	27°57	16°52	18°41	1° 5	2°18	29°D12	0°35	5°33	n.a.	S 13
S 14	19 9 46	16° 5'19	18°27	24°39	12°45	28°21	28° 4	16°53	18°41	1° 6	2°20	29°13	0°32	5°40	n.a.	S 14
M15	19 13 43	17° 2'57	2♎40	26°32	13°58	28° 7	28°12	16°55	18°40	1° 7	2°21	29°14	0°29	5°47	n.a.	M15
T 16	19 17 39	18° 0'37	16°52	28°23	15°11	27°52	28°19	16°57	18°39	1° 7	2°23	29°R15	0°25	5°53	n.a.	T 16
W17	19 21 36	18°58'17	0♏59	0♌14	16°24	27°38	28°26	16°59	18°38	1° 8	2°25	29°14	0°22	6° 0	n.a.	W17
T 18	19 25 32	19°55'59	15° 2	2° 2	17°37	27°22	28°33	17° 1	18°37	1° 9	2°27	29°12	0°19	6° 7	n.a.	T 18
F 19	19 29 29	20°53'42	28°57	3°49	18°50	27° 7	28°39	17° 4	18°36	1°10	2°28	29° 8	0°16	6°13	n.a.	F 19
S 20	19 33 25	21°51'26	12♐43	5°35	20° 2	26°51	28°46	17° 6	18°35	1°10	2°30	29° 3	0°13	6°20	n.a.	S 20
S 21	19 37 22	22°49'12	26°18	7°19	21°15	26°35	28°52	17° 8	18°34	1°11	2°32	28°57	0°10	6°27	n.a.	S 21
M22	19 41 18	23°46'59	9♑39	9° 2	22°28	26°20	28°59	17°11	18°33	1°12	2°34	28°52	0° 6	6°34	n.a.	M22
T 23	19 45 15	24°44'47	22°44	10°44	23°41	26° 4	29° 5	17°13	18°32	1°12	2°36	28°47	0° 3	6°40	n.a.	T 23
W24	19 49 12	25°42'37	5♒34	12°24	24°54	25°48	29°10	17°16	18°31	1°13	2°38	28°43	29♌59	6°47	n.a.	W24
T 25	19 53 8	26°40'29	18° 7	14° 3	26° 7	25°32	29°16	17°19	18°30	1°13	2°40	28°41	29°57	6°54	n.a.	T 25
F 26	19 57 5	27°38'23	0♓26	15°41	27°19	25°16	29°22	17°22	18°28	1°14	2°42	28°D41	29°54	7° 0	n.a.	F 26
S 27	20 1 1	28°36'18	12°32	17°17	28°32	25° 0	29°27	17°24	18°27	1°14	2°44	28°42	29°50	7° 7	n.a.	S 27
S 28	20 4 58	29°34'15	24°29	18°52	29°45	24°44	29°32	17°27	18°26	1°15	2°46	28°43	29°47	7°14	n.a.	S 28
M29	20 8 54	0♌32'14	6♈20	20°25	0♍58	24°29	29°38	17°31	18°24	1°15	2°48	28°45	29°44	7°20	n.a.	M29
T 30	20 12 51	1°30'15	18°10	21°57	2°10	24°13	29°42	17°34	18°23	1°15	2°50	28°46	29°41	7°27	n.a.	T 30
W31	20 16 47	2♌28'18	0♉ 3	23♌28	3♍23	23♑58	29♈47	17♎37	18♓22	1♉16	2♍52	28°R47	29♌38	7♈34	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n40	2s52	2s26	24n59	1n16	22n35	1n35	26s 6	5s59	9n 9	1s11	4s18	2n30	5s12	0s46	10n 8	1s54	26n 1	16n19	11n33	11n10	0s52			n.a.
T 2	23 39	1n 4	3 18	25 6	1 23	22 20	1 35	26 11	6 3	9 12	1 12	4 19	2 30	5 12	0 46	10 8	1 54	26 0	16 19	11 33	11 11	0 50			n.a.
W 3	23 36	4 58	4 2	25 10	1 28	22 5	1 35	26 16	6 7	9 16	1 12	4 19	2 30	5 12	0 46	10 9	1 54	25 59	16 18	11 34	11 12	0 48			n.a.
T 4	23 34	8 43	4 36	25 12	1 33	21 49	1 35	26 21	6 10	9 19	1 12	4 20	2 30	5 12	0 46	10 9	1 54	25 58	16 18	11 35	11 14	0 46			n.a.
F 5	23 31	12 11	4 58	25 11	1 38	21 32	1 35	26 27	6 14	9 22	1 12	4 20	2 29	5 12	0 46	10 9	1 54	25 57	16 17	11 37	11 15	0 44			n.a.
S 6	23 27	15 10	5 7	25 7	1 41	21 15	1 35	26 32	6 17	9 25	1 12	4 21	2 29	5 12	0 46	10 10	1 54	25 56	16 17	11 40	11 16	0 42			n.a.
S 7	23 23	17 30	5 0	25 0	1 44	20 57	1 34	26 37	6 20	9 28	1 12	4 22	2 29	5 13	0 46	10 10	1 55	25 55	16 17	11 43	11 17	0 40			n.a.
M 8	23 19	19 0	4 38	24 51	1 46	20 39	1 34	26 43	6 24	9 30	1 12	4 22	2 28	5 13	0 46	10 10	1 55	25 54	16 16	11 46	11 18	0 38			n.a.
T 9	23 14	19 28	4 0	24 39	1 47	20 20	1 33	26 48	6 27	9 33	1 13	4 23	2 28	5 13	0 46	10 11	1 55	25 53	16 16	11 49	11 19	0 36			n.a.
W10	23 9	18 49	3 7	24 26	1 48	20 1	1 33	26 54	6 29	9 36	1 13	4 24	2 28	5 13	0 46	10 11	1 55	25 52	16 16	11 51	11 20	0 34			n.a.
T 11	23 4	17 2	2 2	24 10	1 48	19 41	1 32	26 59	6 32	9 39	1 13	4 25	2 28	5 14	0 46	10 11	1 55	25 51	16 15	11 52	11 22	0 32			n.a.
F 12	22 58	14 11	0 49	23 52	1 48	19 20	1 32	27 4	6 35	9 41	1 13	4 26	2 27	5 14	0 46	10 11	1 55	25 51	16 15	11 53	11 23	0 30			n.a.
S 13	22 51	10 30	0n27	23 32	1 46	18 59	1 31	27 10	6 37	9 44	1 13	4 26	2 27	5 14	0 46	10 12	1 55	25 50	16 15	11 53	11 24	0 28			n.a.
S 14	22 44	6 11	1 43	23 10	1 45	18 37	1 30	27 15	6 39	9 46	1 13	4 27	2 27	5 14	0 46	10 12	1 55	25 49	16 14	11 53	11 25	0 26			n.a.
M15	22 37	1 33	2 51	22 46	1 43	18 15	1 29	27 20	6 41	9 49	1 13	4 28	2 27	5 15	0 46	10 12	1 55	25 48	16 14	11 52	11 26	0 24			n.a.
T 16	22 30	3s10	3 50	22 21	1 40	17 53	1 28	27 25	6 43	9 51	1 14	4 29	2 26	5 15	0 46	10 12	1 55	25 47	16 14	11 52	11 27	0 22			n.a.
W17	22 22	7 41	4 34	21 55	1 37	17 30	1 27	27 29	6 45	9 54	1 14	4 30	2 26	5 15	0 46	10 13	1 55	25 46	16 13	11 52	11 28	0 20			n.a.
T 18	22 13	11 44	5 1	21 27	1 33	17 6	1 26	27 34	6 47	9 56	1 14	4 31	2 26	5 16	0 46	10 13	1 55	25 45	16 13	11 53	11 30	0 18			n.a.
F 19	22 5	15 7	5 11	20 58	1 29	16 42	1 25	27 39	6 48	9 58	1 14	4 33	2 25	5 16	0 46	10 13	1 55	25 44	16 13	11 55	11 31	0 16			n.a.
S 20	21 56	17 36	5 2	20 28	1 24	16 18	1 24	27 43	6 49	10 1	1 14	4 34	2 25	5 17	0 47	10 13	1 55	25 43	16 12	11 56	11 32	0 14			n.a.
S 21	21 46	19 4	4 36	19 56	1 20	15 53	1 22	27 47	6 50	10 3	1 14	4 35	2 25	5 17	0 47	10 13	1 55	25 42	16 12	11 58	11 33	0 12			n.a.
M22	21 36	19 27	3 56	19 24	1 14	15 28	1 21	27 51	6 51	10 5	1 15	4 36	2 25	5 18	0 47	10 14	1 55	25 41	16 12	12 0	11 34	0 10			n.a.
T 23	21 26	18 46	3 4	18 51	1 9	15 2	1 19	27 55	6 51	10 7	1 15	4 37	2 24	5 18	0 47	10 14	1 55	25 40	16 11	12 2	11 35	0 8			n.a.
W24	21 15	17 7	2 3	18 17	1 3	14 36	1 18	27 58	6 52	10 9	1 15	4 38	2 24	5 19	0 47	10 14	1 56	25 39	16 11	12 3	11 36	0 6			n.a.
T 25	21 4	14 40	0 58	17 43	0 57	14 9	1 16	28 1	6 52	10 11	1 15	4 40	2 24	5 19	0 47	10 14	1 56	25 38	16 11	12 4	11 37	0 4			n.a.
F 26	20 53	11 36	0s10	17 8	0 51	13 43	1 15	28 4	6 52	10 12	1 15	4 41	2 24	5 20	0 47	10 14	1 56	25 37	16 11	12 4	11 39	0 2			n.a.
S 27	20 41	8 6	1 15	16 32	0 44	13 15	1 13	28 7	6 51	10 14	1 15	4 42	2 23	5 20	0 47	10 14	1 56	25 36	16 10	12 4	11 40	0 0			n.a.
S 28	20 29	4 18	2 17	15 56	0 37	12 48	1 11	28 10	6 51	10 16	1 16	4 44	2 23	5 21	0 47	10 14	1 56	25 35	16 10	12 4	11 41	0n 2			n.a.
M29	20 16	0 24	3 12	15 19	0 30	12 20	1 9	28 12	6 50	10 18	1 16	4 45	2 23	5 21	0 47	10 14	1 56	25 34	16 10	12 3	11 42	0 4			n.a.
T 30	20 4	3n31	3 59	14 43	0 22	11 52	1 7	28 14	6 49	10 19	1 16	4 47	2 23	5 22	0 47	10 14	1 56	25 33	16 10	12 2	11 43	0 6			n.a.
W31	19n51	7n19	4s36	14n 5	0n15	11n24	1n 5	28s16	6s48	10n21	1s16	4s48	2n22	5s22	0s47	10n14	1s56	25n32	16n 9	12n 2	11n44	0n 8			n.a.

Julian Day Number = 1628465.5, Delta T = 03h43m19s
Ecliptic obliquity = 23°43'25, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°35'02, Lahiri = - 7°28'02 Julian Calendar 1 July 255 BCE == Greg. Calendar 27 June 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

AUGUST 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 20 44	3♌26'23	12♉ 5	24♌58	4♍36	23°R44	29♈52	17♎40	18°R20	1♉16	2♍54	28°R47	29♌35	7♈40	n.a.	T 1
F 2	20 24 41	4°24'30	24°21	26°26	5°48	23♋29	29°56	17°44	18♓19	1°16	2°56	28♌45	29°31	7°47	n.a.	F 2
S 3	20 28 37	5°22'40	6♊54	27°53	7° 1	23°16	0♉ 0	17°47	18°17	1°16	2°58	28°43	29°28	7°54	n.a.	S 3
S 4	20 32 34	6°20'51	19°47	29°18	8°13	23° 2	0° 4	17°51	18°15	1°17	3° 0	28°40	29°25	8° 0	n.a.	S 4
M 5	20 36 30	7°19'04	3♋ 3	0♍42	9°26	22°49	0° 8	17°54	18°14	1°17	3° 2	28°37	29°22	8° 7	n.a.	M 5
T 6	20 40 27	8°17'20	16°42	2° 5	10°39	22°37	0°12	17°58	18°12	1°17	3° 4	28°34	29°19	8°14	n.a.	T 6
W 7	20 44 23	9°15'37	0♌42	3°26	11°51	22°25	0°15	18° 2	18°10	1°17	3° 6	28°32	29°15	8°20	n.a.	W 7
T 8	20 48 20	10°13'57	15° 0	4°46	13° 4	22°14	0°19	18° 6	18° 9	1°17	3° 9	28°30	29°12	8°27	n.a.	T 8
F 9	20 52 16	11°12'18	29°31	6° 4	14°16	22° 3	0°22	18°10	18° 7	1°R17	3°11	28°D30	29° 9	8°34	n.a.	F 9
S 10	20 56 13	12°10'41	14♍ 8	7°21	15°28	21°53	0°25	18°14	18° 5	1°17	3°13	28°30	29° 6	8°40	n.a.	S 10
S 11	21 0 9	13° 9'06	28°45	8°36	16°41	21°44	0°27	18°18	18° 3	1°17	3°15	28°31	29° 3	8°47	n.a.	S 11
M12	21 4 6	14° 7'32	13♎18	9°49	17°53	21°35	0°30	18°22	18° 1	1°17	3°17	28°32	29° 0	8°54	n.a.	M12
T 13	21 8 3	15° 6'01	27°42	11° 1	19° 5	21°27	0°32	18°27	17°59	1°17	3°20	28°33	28°56	9° 0	n.a.	T 13
W14	21 11 59	16° 4'31	11♏53	12°10	20°18	21°20	0°34	18°31	17°57	1°17	3°22	28°R34	28°53	9° 7	n.a.	W14
T 15	21 15 56	17° 3'02	25°49	13°18	21°30	21°14	0°36	18°35	17°56	1°16	3°24	28°34	28°50	9°14	n.a.	T 15
F 16	21 19 52	18° 1'36	9♐31	14°23	22°42	21° 8	0°38	18°40	17°54	1°16	3°26	28°33	28°47	9°20	n.a.	F 16
S 17	21 23 49	19° 0'11	22°57	15°26	23°54	21° 3	0°40	18°44	17°51	1°16	3°29	28°32	28°44	9°27	n.a.	S 17
S 18	21 27 45	19°58'48	6♑ 9	16°27	25° 7	20°59	0°41	18°49	17°49	1°16	3°31	28°31	28°41	9°34	n.a.	S 18
M19	21 31 42	20°57'27	19° 6	17°26	26°19	20°56	0°42	18°54	17°47	1°15	3°33	28°30	28°37	9°40	n.a.	M19
T 20	21 35 38	21°56'08	1♒49	18°21	27°31	20°53	0°43	18°59	17°45	1°15	3°35	28°29	28°34	9°47	n.a.	T 20
W21	21 39 35	22°54'51	14°20	19°14	28°43	20°52	0°44	19° 3	17°43	1°15	3°38	28°28	28°31	9°54	n.a.	W21
T 22	21 43 32	23°53'35	26°39	20° 3	29°55	20°51	0°44	19° 8	17°41	1°14	3°40	28°D28	28°28	10° 0	n.a.	T 22
F 23	21 47 28	24°52'22	8♓47	20°49	1♎ 7	20°D51	0°45	19°13	17°39	1°14	3°42	28°28	28°25	10° 7	n.a.	F 23
S 24	21 51 25	25°51'11	20°47	21°32	2°19	20°51	0°R45	19°18	17°37	1°13	3°44	28°29	28°21	10°14	n.a.	S 24
S 25	21 55 21	26°50'02	2♈41	22°10	3°30	20°53	0°45	19°24	17°34	1°13	3°47	28°29	28°18	10°21	n.a.	S 25
M26	21 59 18	27°48'56	14°31	22°44	4°42	20°55	0°45	19°29	17°32	1°12	3°49	28°29	28°15	10°27	n.a.	M26
T 27	22 3 14	28°47'52	26°20	23°14	5°54	20°58	0°44	19°34	17°30	1°12	3°51	28°R29	28°12	10°34	n.a.	T 27
W28	22 7 11	29°46'50	8♉13	23°38	7° 6	21° 2	0°44	19°39	17°28	1°11	3°54	28°29	28° 9	10°41	n.a.	W28
T 29	22 11 7	0♍45'50	20°14	23°57	8°17	21° 6	0°43	19°45	17°25	1°10	3°56	28°29	28° 6	10°47	n.a.	T 29
F 30	22 15 4	1°44'53	2♊27	24°10	9°29	21°12	0°42	19°50	17°23	1°10	3°58	28°D29	28° 2	10°54	n.a.	F 30
S 31	22 19 0	2♍43'59	14♊56	24♍17	10♎41	21♋18	0♉41	19♎55	17♓21	1♉ 9	4♍ 0	28♌29	27♌59	11♈ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n37	10n52	5s 2	13n28	0n 7	10n55	1n 3	28s17	6s47	10n22	1s16	4s50	2n22	5s23	0s47	10n14	1s56	25n31	16n 9	12n 2	11n45	0n10		n.a.
F 2	19 23	14 1	5 14	12 51	0s 1	10 26	1 1	28 19	6 46	10 23	1 16	4 51	2 22	5 24	0 47	10 15	1 56	25 30	16 9	12 3	11 46	0 12		n.a.
S 3	19 9	16 36	5 12	12 13	0 9	9 57	0 58	28 19	6 44	10 25	1 17	4 53	2 22	5 24	0 47	10 15	1 56	25 29	16 9	12 4	11 48	0 14		n.a.
S 4	18 54	18 27	4 54	11 35	0 17	9 27	0 56	28 20	6 42	10 26	1 17	4 54	2 21	5 25	0 47	10 15	1 56	25 28	16 9	12 5	11 49	0 16		n.a.
M 5	18 40	19 21	4 20	10 58	0 25	8 57	0 54	28 20	6 40	10 27	1 17	4 56	2 21	5 26	0 47	10 15	1 56	25 27	16 8	12 6	11 50	0 18		n.a.
T 6	18 24	19 11	3 31	10 20	0 34	8 27	0 51	28 21	6 38	10 28	1 17	4 58	2 21	5 26	0 47	10 15	1 56	25 26	16 8	12 7	11 51	0 20		n.a.
W 7	18 9	17 50	2 28	9 43	0 42	7 57	0 49	28 20	6 36	10 29	1 17	4 59	2 21	5 27	0 47	10 14	1 56	25 25	16 8	12 8	11 52	0 22		n.a.
T 8	17 53	15 21	1 14	9 6	0 51	7 27	0 46	28 20	6 34	10 30	1 17	5 1	2 21	5 28	0 47	10 14	1 56	25 24	16 8	12 8	11 53	0 24		n.a.
F 9	17 37	11 52	0n 6	8 29	0 59	6 56	0 44	28 19	6 31	10 31	1 18	5 3	2 20	5 28	0 47	10 14	1 57	25 23	16 8	12 8	11 54	0 26		n.a.
S 10	17 21	7 38	1 25	7 52	1 8	6 25	0 41	28 18	6 28	10 32	1 18	5 5	2 20	5 29	0 47	10 14	1 57	25 22	16 8	12 8	11 55	0 28		n.a.
S 11	17 4	2 56	2 40	7 16	1 17	5 54	0 38	28 17	6 25	10 33	1 18	5 6	2 20	5 30	0 47	10 14	1 57	25 21	16 7	12 8	11 57	0 30		n.a.
M12	16 47	1s53	3 43	6 40	1 25	5 23	0 36	28 16	6 23	10 34	1 18	5 8	2 20	5 31	0 47	10 14	1 57	25 20	16 7	12 7	11 58	0 32		n.a.
T 13	16 30	6 33	4 32	6 4	1 34	4 52	0 33	28 14	6 19	10 34	1 18	5 10	2 19	5 31	0 47	10 14	1 57	25 19	16 7	12 7	11 59	0 34		n.a.
W14	16 12	10 46	5 4	5 30	1 43	4 21	0 30	28 12	6 16	10 35	1 19	5 12	2 19	5 32	0 47	10 14	1 57	25 18	16 7	12 7	12 0	0 36		n.a.
T 15	15 55	14 19	5 17	4 56	1 52	3 49	0 27	28 10	6 13	10 36	1 19	5 14	2 19	5 33	0 47	10 14	1 57	25 17	16 7	12 7	12 1	0 38		n.a.
F 16	15 37	17 1	5 11	4 22	2 0	3 18	0 24	28 7	6 10	10 36	1 19	5 16	2 19	5 34	0 47	10 14	1 57	25 16	16 7	12 7	12 2	0 40		n.a.
S 17	15 18	18 44	4 49	3 50	2 9	2 46	0 21	28 5	6 6	10 36	1 19	5 18	2 19	5 35	0 47	10 14	1 57	25 15	16 7	12 7	12 3	0 42		n.a.
S 18	15 0	19 24	4 11	3 18	2 17	2 14	0 18	28 2	6 3	10 37	1 19	5 20	2 18	5 35	0 47	10 13	1 57	25 15	16 7	12 8	12 4	0 44		n.a.
M19	14 41	19 1	3 22	2 48	2 25	1 43	0 15	27 59	5 59	10 37	1 19	5 22	2 18	5 36	0 47	10 13	1 57	25 14	16 7	12 8	12 6	0 46		n.a.
T 20	14 22	17 40	2 23	2 18	2 34	1 11	0 12	27 55	5 55	10 37	1 20	5 24	2 18	5 37	0 47	10 13	1 57	25 13	16 7	12 8	12 7	0 48		n.a.
W21	14 2	15 29	1 18	1 50	2 42	0 39	0 8	27 52	5 51	10 37	1 20	5 26	2 18	5 38	0 47	10 13	1 57	25 12	16 6	12 9	12 8	0 50		n.a.
T 22	13 43	12 37	0 10	1 24	2 49	0 7	0 5	27 48	5 48	10 37	1 20	5 28	2 17	5 39	0 47	10 13	1 57	25 11	16 6	12 9	12 9	0 52		n.a.
F 23	13 23	9 15	0s57	0 59	2 57	0s25	0 2	27 45	5 44	10 37	1 20	5 30	2 17	5 40	0 47	10 12	1 57	25 10	16 6	12 9	12 10	0 54		n.a.
S 24	13 3	5 32	2 1	0 35	3 4	0 57	0s 1	27 41	5 40	10 37	1 20	5 32	2 17	5 41	0 47	10 12	1 57	25 9	16 6	12 9	12 11	0 56		n.a.
S 25	12 43	1 39	2 59	0 14	3 11	1 29	0 5	27 36	5 36	10 37	1 20	5 34	2 17	5 42	0 47	10 12	1 58	25 8	16 6	12 9	12 12	0 58		n.a.
M26	12 22	2n16	3 49	0s 6	3 17	2 1	0 8	27 32	5 32	10 37	1 21	5 36	2 17	5 42	0 47	10 12	1 58	25 7	16 6	12 8	12 13	1 0		n.a.
T 27	12 2	6 6	4 29	0 23	3 23	2 33	0 12	27 28	5 28	10 36	1 21	5 38	2 17	5 43	0 47	10 12	1 58	25 6	16 6	12 8	12 14	1 3		n.a.
W28	11 41	9 43	4 58	0 37	3 28	3 5	0 15	27 23	5 24	10 36	1 21	5 41	2 16	5 44	0 47	10 11	1 58	25 5	16 6	12 8	12 16	1 5		n.a.
T 29	11 20	12 58	5 14	0 49	3 32	3 36	0 18	27 18	5 20	10 36	1 21	5 43	2 16	5 45	0 47	10 11	1 58	25 5	16 6	12 9	12 17	1 7		n.a.
F 30	10 59	15 43	5 17	0 58	3 36	4 8	0 22	27 13	5 16	10 35	1 21	5 45	2 16	5 46	0 47	10 11	1 58	25 4	16 6	12 9	12 18	1 9		n.a.
S 31	10n37	17n49	5s 5	1s 3	3s39	4s40	0s25	27s 8	5s12	10n35	1s21	5s47	2n16	5s47	0s47	10n10	1s58	25n 3	16n 6	12n 9	12n19	1n11		n.a.

Julian Day Number = 1628496.5, Delta T = 03h43m18s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'58, Lahiri = - 7°27'57 Julian Calendar 1 Aug. 255 BCE == Greg. Calendar 28 July 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

SEPTEMBER 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 22 57	3♍43'07	27♊46	24°R17	11♎52	21♑25	0°R39	20♎ 1	17°R18	1°R 8	4♍ 3	28♌29	27♌56	11♈ 7	n.a.	S 1
M 2	22 26 54	4°42'17	11♋ 0	24♍10	13° 4	21°32	0♉38	20° 7	17♓16	1♉ 8	4° 5	28°30	27°53	11°14	n.a.	M 2
T 3	22 30 50	5°41'30	24°40	23°56	14°15	21°41	0°36	20°12	17°14	1° 7	4° 7	28°30	27°50	11°21	n.a.	T 3
W 4	22 34 47	6°40'45	8♌46	23°34	15°27	21°50	0°34	20°18	17°11	1° 6	4°10	28°31	27°47	11°27	n.a.	W 4
T 5	22 38 43	7°40'02	23°15	23° 4	16°38	21°59	0°31	20°24	17° 9	1° 5	4°12	28°R31	27°43	11°34	n.a.	T 5
F 6	22 42 40	8°39'22	8♍ 4	22°26	17°49	22°10	0°29	20°29	17° 6	1° 4	4°14	28°31	27°40	11°41	n.a.	F 6
S 7	22 46 36	9°38'43	23° 3	21°40	19° 1	22°21	0°26	20°35	17° 4	1° 3	4°17	28°31	27°37	11°47	n.a.	S 7
S 8	22 50 33	10°38'07	8♎ 6	20°47	20°12	22°33	0°24	20°41	17° 2	1° 3	4°19	28°29	27°34	11°54	n.a.	S 8
M 9	22 54 29	11°37'33	23° 3	19°48	21°23	22°45	0°20	20°47	16°59	1° 2	4°21	28°28	27°31	12° 1	n.a.	M 9
T 10	22 58 26	12°37'00	7♏46	18°43	22°34	22°59	0°17	20°53	16°57	1° 1	4°24	28°26	27°27	12° 7	n.a.	T 10
W11	23 2 23	13°36'30	22°11	17°33	23°45	23°13	0°14	20°59	16°54	1° 0	4°26	28°25	27°24	12°14	n.a.	W11
T 12	23 6 19	14°36'01	6♐13	16°22	24°56	23°27	0°10	21° 5	16°52	0°59	4°28	28°24	27°21	12°21	n.a.	T 12
F 13	23 10 16	15°35'35	19°52	15° 9	26° 7	23°42	0° 6	21°11	16°49	0°57	4°30	28°D24	27°18	12°27	n.a.	F 13
S 14	23 14 12	16°35'10	3♑ 9	13°58	27°18	23°58	0° 2	21°18	16°47	0°56	4°33	28°25	27°15	12°34	n.a.	S 14
S 15	23 18 9	17°34'47	16° 6	12°50	28°29	24°14	29♈58	21°24	16°45	0°55	4°35	28°26	27°12	12°41	n.a.	S 15
M16	23 22 5	18°34'26	28°46	11°48	29°40	24°31	29°54	21°30	16°42	0°54	4°37	28°27	27° 8	12°48	n.a.	M16
T 17	23 26 2	19°34'06	11♒11	10°53	0♏50	24°49	29°49	21°36	16°40	0°53	4°39	28°29	27° 5	12°54	n.a.	T 17
W18	23 29 58	20°33'49	23°26	10° 7	2° 1	25° 7	29°45	21°43	16°37	0°52	4°42	28°R30	27° 2	13° 1	n.a.	W18
T 19	23 33 55	21°33'34	5♓31	9°31	3°11	25°26	29°40	21°49	16°35	0°51	4°44	28°29	26°59	13° 8	n.a.	T 19
F 20	23 37 52	22°33'20	17°30	9° 6	4°22	25°45	29°35	21°56	16°32	0°49	4°46	28°28	26°56	13°14	n.a.	F 20
S 21	23 41 48	23°33'09	29°23	8°51	5°32	26° 4	29°30	22° 2	16°30	0°48	4°48	28°26	26°52	13°21	n.a.	S 21
S 22	23 45 45	24°33'00	11♈14	8°D49	6°43	26°25	29°24	22° 8	16°28	0°47	4°51	28°22	26°49	13°28	n.a.	S 22
M23	23 49 41	25°32'52	23° 4	8°57	7°53	26°45	29°19	22°15	16°25	0°45	4°53	28°17	26°46	13°34	n.a.	M23
T 24	23 53 38	26°32'47	4♉56	9°16	9° 3	27° 6	29°13	22°22	16°23	0°44	4°55	28°12	26°43	13°41	n.a.	T 24
W25	23 57 34	27°32'45	16°50	9°45	10°13	27°28	29° 7	22°28	16°20	0°43	4°57	28° 7	26°40	13°48	n.a.	W25
T 26	0 1 31	28°32'44	28°52	10°23	11°23	27°50	29° 1	22°35	16°18	0°41	4°59	28° 3	26°37	13°54	n.a.	T 26
F 27	0 5 27	29°32'46	11♊ 3	11°10	12°33	28°13	28°55	22°41	16°16	0°40	5° 1	28° 0	26°33	14° 1	n.a.	F 27
S 28	0 9 24	0♎32'50	23°29	12° 4	13°43	28°36	28°49	22°48	16°13	0°39	5° 4	27°58	26°30	14° 8	n.a.	S 28
S 29	0 13 20	1°32'56	6♋13	13° 5	14°52	28°59	28°42	22°55	16°11	0°37	5° 6	27°D58	26°27	14°14	n.a.	S 29
M30	0 17 17	2♎33'05	19♋18	14♍12	16♏ 2	29♑23	28♈36	23♎ 2	16♓ 9	0♉36	5♍ 8	27♌59	26♌24	14♈21	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n16	19n 5	4s37	1s 5	3s41	5s11	0s29	27s 3	5s 7	10n34	1s22	5s50	2n16	5s48	0s47	10n10	1s58	25n 2	16n 6	12n 8	12n20	1n13		n.a.
M 2	9 54	19 22	3 54	1 3	3 42	5 43	0 33	26 58	5 3	10 33	1 22	5 52	2 15	5 49	0 47	10 10	1 58	25 1	16 6	12 8	12 21	1 15		n.a.
T 3	9 32	18 32	2 57	0 56	3 41	6 14	0 36	26 52	4 59	10 32	1 22	5 54	2 15	5 50	0 47	10 9	1 58	25 0	16 6	12 8	12 22	1 17		n.a.
W 4	9 10	16 33	1 48	0 46	3 39	6 46	0 40	26 47	4 55	10 32	1 22	5 56	2 15	5 51	0 47	10 9	1 58	24 59	16 6	12 8	12 23	1 19		n.a.
T 5	8 48	13 28	0 29	0 30	3 36	7 17	0 43	26 41	4 51	10 31	1 22	5 59	2 15	5 52	0 47	10 9	1 58	24 59	16 7	12 8	12 24	1 21		n.a.
F 6	8 25	9 28	0n53	0 11	3 30	7 48	0 47	26 35	4 47	10 30	1 22	6 1	2 15	5 53	0 47	10 8	1 58	24 58	16 7	12 8	12 26	1 23		n.a.
S 7	8 3	4 48	2 12	0n14	3 23	8 18	0 50	26 29	4 43	10 29	1 22	6 3	2 15	5 54	0 47	10 8	1 58	24 57	16 7	12 8	12 27	1 25		n.a.
S 8	7 40	0s 9	3 22	0 43	3 14	8 49	0 54	26 23	4 39	10 27	1 23	6 6	2 14	5 55	0 47	10 8	1 58	24 56	16 7	12 8	12 28	1 27		n.a.
M 9	7 17	5 4	4 18	1 17	3 3	9 20	0 58	26 17	4 35	10 26	1 23	6 8	2 14	5 56	0 47	10 7	1 58	24 55	16 7	12 9	12 29	1 29		n.a.
T 10	6 54	9 36	4 56	1 55	2 50	9 50	1 1	26 11	4 30	10 25	1 23	6 11	2 14	5 56	0 47	10 7	1 58	24 55	16 7	12 9	12 30	1 31		n.a.
W11	6 31	13 28	5 15	2 36	2 35	10 20	1 5	26 4	4 26	10 24	1 23	6 13	2 14	5 57	0 47	10 7	1 58	24 54	16 7	12 10	12 31	1 33		n.a.
T 12	6 8	16 27	5 14	3 19	2 19	10 50	1 9	25 58	4 22	10 22	1 23	6 16	2 14	5 58	0 47	10 6	1 58	24 53	16 7	12 10	12 32	1 35		n.a.
F 13	5 45	18 26	4 55	4 4	2 1	11 19	1 12	25 51	4 18	10 21	1 23	6 18	2 14	5 59	0 47	10 6	1 59	24 52	16 7	12 10	12 33	1 37		n.a.
S 14	5 21	19 21	4 20	4 49	1 42	11 49	1 16	25 45	4 14	10 19	1 23	6 20	2 14	6 0	0 47	10 5	1 59	24 52	16 7	12 10	12 34	1 39		n.a.
S 15	4 58	19 13	3 33	5 34	1 22	12 18	1 19	25 38	4 11	10 18	1 23	6 23	2 13	6 1	0 47	10 5	1 59	24 51	16 8	12 10	12 35	1 41		n.a.
M16	4 34	18 6	2 37	6 17	1 1	12 46	1 23	25 31	4 7	10 16	1 24	6 25	2 13	6 2	0 47	10 4	1 59	24 50	16 8	12 9	12 37	1 43		n.a.
T 17	4 11	16 7	1 34	6 57	0 41	13 15	1 26	25 24	4 3	10 14	1 24	6 28	2 13	6 3	0 47	10 4	1 59	24 49	16 8	12 9	12 38	1 45		n.a.
W18	3 47	13 26	0 28	7 33	0 20	13 43	1 30	25 17	3 59	10 13	1 24	6 30	2 13	6 4	0 47	10 3	1 59	24 49	16 8	12 8	12 39	1 47		n.a.
T 19	3 23	10 12	0s39	8 5	0 1	14 11	1 33	25 9	3 55	10 11	1 24	6 33	2 13	6 5	0 47	10 3	1 59	24 48	16 8	12 8	12 40	1 50		n.a.
F 20	2 59	6 34	1 43	8 31	0n17	14 39	1 37	25 2	3 51	10 9	1 24	6 35	2 13	6 6	0 47	10 3	1 59	24 47	16 8	12 9	12 41	1 52		n.a.
S 21	2 35	2 43	2 42	8 53	0 34	15 6	1 40	24 54	3 48	10 7	1 24	6 38	2 13	6 7	0 47	10 2	1 59	24 47	16 9	12 10	12 42	1 54		n.a.
S 22	2 11	1n14	3 34	9 8	0 50	15 33	1 44	24 47	3 44	10 5	1 24	6 41	2 13	6 8	0 47	10 2	1 59	24 46	16 9	12 11	12 43	1 56		n.a.
M23	1 47	5 7	4 16	9 18	1 5	15 59	1 47	24 39	3 40	10 3	1 24	6 43	2 12	6 9	0 47	10 1	1 59	24 45	16 9	12 13	12 44	1 58		n.a.
T 24	1 23	8 48	4 47	9 23	1 17	16 26	1 51	24 31	3 36	10 1	1 24	6 46	2 12	6 10	0 47	10 1	1 59	24 45	16 9	12 14	12 45	2 0		n.a.
W25	0 59	12 10	5 7	9 22	1 28	16 51	1 54	24 23	3 33	9 59	1 24	6 48	2 12	6 11	0 47	10 0	1 59	24 44	16 10	12 16	12 46	2 2		n.a.
T 26	0 35	15 4	5 13	9 16	1 38	17 17	1 57	24 15	3 29	9 56	1 24	6 51	2 12	6 12	0 47	10 0	1 59	24 43	16 10	12 18	12 48	2 4		n.a.
F 27	0 11	17 20	5 5	9 6	1 46	17 42	2 0	24 7	3 26	9 54	1 25	6 53	2 12	6 13	0 47	9 59	1 59	24 43	16 10	12 19	12 49	2 6		n.a.
S 28	0s13	18 52	4 42	8 51	1 53	18 6	2 4	23 59	3 22	9 52	1 25	6 56	2 12	6 13	0 47	9 59	1 59	24 42	16 10	12 19	12 50	2 8		n.a.
S 29	0 37	19 29	4 6	8 32	1 58	18 30	2 7	23 51	3 19	9 50	1 25	6 59	2 12	6 14	0 47	9 58	1 59	24 42	16 11	12 19	12 51	2 10		n.a.
M30	1s 2	19n 5	3s16	8n10	2n 2	18s54	2s10	23s42	3s15	9n47	1s25	7s 1	2n12	6s15	0s47	9n57	1s59	24n41	16n11	12n19	12n52	2n12		n.a.

Julian Day Number = 1628527.5, Delta T = 03h43m17s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'54, Lahiri = - 7°27'53 Julian Calendar 1 Sept. 255 BCE == Greg. Calendar 28 Aug. 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

OCTOBER 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 21 14	3♎33'16	2♌49	15♍24	17♏11	29♑47	28°R29	23♎ 8	16°R 6	0°R34	5♍10	28♌ 0	26♌21	14♈28	n.a.	T 1
W 2	0 25 10	4°33'28	16°48	16°40	18°21	0♒12	28♈22	23°15	16♓ 4	0♉33	5°12	28° 2	26°18	14°35	n.a.	W 2
T 3	0 29 7	5°33'44	1♍13	18° 0	19°30	0°37	28°15	23°22	16° 2	0°31	5°14	28°R 2	26°14	14°41	n.a.	T 3
F 4	0 33 3	6°34'01	16° 3	19°24	20°39	1° 2	28° 8	23°29	15°59	0°30	5°16	28° 1	26°11	14°48	n.a.	F 4
S 5	0 37 0	7°34'20	1♎11	20°50	21°49	1°28	28° 1	23°36	15°57	0°28	5°18	27°58	26° 8	14°55	n.a.	S 5
S 6	0 40 56	8°34'41	16°28	22°18	22°58	1°54	27°54	23°42	15°55	0°27	5°20	27°53	26° 5	15° 1	n.a.	S 6
M 7	0 44 53	9°35'03	1♏43	23°48	24° 7	2°21	27°46	23°49	15°53	0°25	5°22	27°47	26° 2	15° 8	n.a.	M 7
T 8	0 48 49	10°35'28	16°46	25°20	25°15	2°48	27°39	23°56	15°51	0°24	5°24	27°40	25°58	15°15	n.a.	T 8
W 9	0 52 46	11°35'54	1♐28	26°53	26°24	3°15	27°31	24° 3	15°49	0°22	5°26	27°34	25°55	15°21	n.a.	W 9
T 10	0 56 43	12°36'22	15°43	28°26	27°33	3°42	27°24	24°10	15°46	0°20	5°28	27°29	25°52	15°28	n.a.	T 10
F 11	1 0 39	13°36'51	29°29	0♎ 1	28°41	4°10	27°16	24°17	15°44	0°19	5°30	27°26	25°49	15°35	n.a.	F 11
S 12	1 4 36	14°37'22	12♑48	1°36	29°49	4°39	27° 8	24°24	15°42	0°17	5°32	27°D25	25°46	15°41	n.a.	S 12
S 13	1 8 32	15°37'54	25°41	3°12	0♐57	5° 7	27° 0	24°31	15°40	0°16	5°34	27°25	25°43	15°48	n.a.	S 13
M14	1 12 29	16°38'27	8♒14	4°48	2° 5	5°36	26°52	24°38	15°38	0°14	5°36	27°27	25°39	15°55	n.a.	M14
T 15	1 16 25	17°39'02	20°30	6°24	3°13	6° 5	26°44	24°45	15°36	0°12	5°38	27°28	25°36	16° 2	n.a.	T 15
W16	1 20 22	18°39'38	2♓34	8° 0	4°21	6°34	26°36	24°52	15°34	0°11	5°39	27°R28	25°33	16° 8	n.a.	W16
T 17	1 24 18	19°40'15	14°30	9°36	5°28	7° 4	26°28	24°59	15°32	0° 9	5°41	27°26	25°30	16°15	n.a.	T 17
F 18	1 28 15	20°40'54	26°22	11°12	6°36	7°34	26°20	25° 6	15°31	0° 7	5°43	27°22	25°27	16°22	n.a.	F 18
S 19	1 32 11	21°41'34	8♈12	12°48	7°43	8° 4	26°12	25°13	15°29	0° 6	5°45	27°15	25°23	16°28	n.a.	S 19
S 20	1 36 8	22°42'16	20° 2	14°24	8°50	8°34	26° 4	25°20	15°27	0° 4	5°46	27° 6	25°20	16°35	n.a.	S 20
M21	1 40 5	23°42'59	1♉55	16° 0	9°57	9° 5	25°56	25°27	15°25	0° 2	5°48	26°55	25°17	16°42	n.a.	M21
T 22	1 44 1	24°43'44	13°51	17°36	11° 3	9°36	25°47	25°34	15°23	0° 1	5°50	26°44	25°14	16°48	n.a.	T 22
W23	1 47 58	25°44'30	25°52	19°12	12°10	10° 7	25°39	25°41	15°22	29♈59	5°51	26°32	25°11	16°55	n.a.	W23
T 24	1 51 54	26°45'18	8♊ 0	20°47	13°16	10°38	25°31	25°48	15°20	29°57	5°53	26°22	25° 8	17° 2	n.a.	T 24
F 25	1 55 51	27°46'08	20°16	22°23	14°22	11°10	25°23	25°56	15°18	29°55	5°55	26°13	25° 4	17° 8	n.a.	F 25
S 26	1 59 47	28°46'59	2♋44	23°58	15°28	11°42	25°15	26° 3	15°17	29°54	5°56	26° 7	25° 1	17°15	n.a.	S 26
S 27	2 3 44	29°47'51	15°25	25°33	16°33	12°14	25° 6	26°10	15°15	29°52	5°58	26° 4	24°58	17°22	n.a.	S 27
M28	2 7 40	0♏48'45	28°25	27° 8	17°38	12°46	24°58	26°17	15°14	29°50	5°59	26°D 3	24°55	17°29	n.a.	M28
T 29	2 11 37	1°49'41	11♌46	28°43	18°44	13°18	24°50	26°24	15°12	29°49	6° 1	26° 3	24°52	17°35	n.a.	T 29
W30	2 15 34	2°50'38	25°31	0♏17	19°48	13°51	24°42	26°31	15°11	29°47	6° 2	26°R 4	24°49	17°42	n.a.	W30
T 31	2 19 30	3♏51'36	9♍42	1♏52	20♐53	14♒23	24♈34	26♎38	15♓10	29♈45	6♍ 4	26♌ 3	24♌45	17♈49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	1s26	17n36	2s13	7n44	2n 5	19s17	2s13	23s34	3s12	9n45	1s25	7s 4	2n12	6s16	0s47	9n57	1s59	24n40	16n11	12n18	12n53	2n14			n.a.
W 2	1 50	15 1	1 1	7 16	2 7	19 40	2 16	23 25	3 9	9 42	1 25	7 6	2 11	6 17	0 47	9 56	1 59	24 40	16 11	12 18	12 54	2 16			n.a.
T 3	2 14	11 26	0n17	6 45	2 8	20 2	2 19	23 16	3 5	9 40	1 25	7 9	2 11	6 18	0 47	9 56	1 59	24 39	16 12	12 18	12 55	2 18			n.a.
F 4	2 38	7 3	1 37	6 12	2 8	20 24	2 22	23 7	3 2	9 37	1 25	7 12	2 11	6 19	0 47	9 55	1 59	24 39	16 12	12 18	12 56	2 20			n.a.
S 5	3 2	2 7	2 50	5 37	2 7	20 45	2 25	22 58	2 59	9 35	1 25	7 14	2 11	6 20	0 47	9 55	1 59	24 38	16 12	12 19	12 57	2 22			n.a.
S 6	3 26	2s58	3 53	5 0	2 5	21 6	2 27	22 49	2 55	9 32	1 25	7 17	2 11	6 20	0 47	9 54	1 59	24 38	16 13	12 21	12 58	2 24			n.a.
M 7	3 50	7 52	4 38	4 22	2 3	21 26	2 30	22 40	2 52	9 29	1 25	7 19	2 11	6 21	0 47	9 54	1 59	24 37	16 13	12 23	13 0	2 27			n.a.
T 8	4 14	12 12	5 4	3 43	2 0	21 46	2 33	22 30	2 49	9 27	1 25	7 22	2 11	6 22	0 47	9 53	1 59	24 37	16 13	12 26	13 1	2 29			n.a.
W 9	4 38	15 40	5 9	3 2	1 57	22 5	2 35	22 21	2 46	9 24	1 25	7 25	2 11	6 23	0 47	9 52	1 59	24 37	16 14	12 28	13 2	2 31			n.a.
T 10	5 2	18 5	4 54	2 21	1 53	22 24	2 38	22 11	2 43	9 21	1 25	7 27	2 11	6 24	0 47	9 52	1 59	24 36	16 14	12 29	13 3	2 33			n.a.
F 11	5 26	19 21	4 22	1 39	1 49	22 42	2 40	22 2	2 40	9 18	1 25	7 30	2 11	6 25	0 47	9 51	1 59	24 36	16 14	12 30	13 4	2 35			n.a.
S 12	5 50	19 29	3 38	0 57	1 44	22 59	2 42	21 52	2 37	9 15	1 25	7 33	2 11	6 25	0 47	9 51	1 59	24 35	16 15	12 31	13 5	2 37			n.a.
S 13	6 13	18 35	2 43	0 14	1 39	23 16	2 44	21 42	2 34	9 13	1 25	7 35	2 11	6 26	0 47	9 50	1 59	24 35	16 15	12 31	13 6	2 39			n.a.
M14	6 37	16 47	1 42	0s29	1 34	23 33	2 47	21 32	2 31	9 10	1 25	7 38	2 11	6 27	0 47	9 49	1 59	24 34	16 15	12 30	13 7	2 41			n.a.
T 15	7 0	14 14	0 38	1 13	1 29	23 48	2 49	21 22	2 28	9 7	1 25	7 41	2 11	6 28	0 47	9 49	1 59	24 34	16 16	12 30	13 8	2 43			n.a.
W16	7 24	11 7	0s27	1 56	1 23	24 3	2 50	21 11	2 25	9 4	1 25	7 43	2 11	6 28	0 47	9 48	2 0	24 34	16 16	12 30	13 9	2 45			n.a.
T 17	7 47	7 34	1 30	2 40	1 17	24 18	2 52	21 1	2 22	9 1	1 24	7 46	2 10	6 29	0 47	9 48	2 0	24 33	16 17	12 30	13 10	2 47			n.a.
F 18	8 10	3 44	2 29	3 24	1 11	24 31	2 54	20 50	2 19	8 58	1 24	7 48	2 10	6 30	0 47	9 47	2 0	24 33	16 17	12 32	13 11	2 49			n.a.
S 19	8 33	0n13	3 21	4 7	1 5	24 45	2 56	20 40	2 17	8 55	1 24	7 51	2 10	6 31	0 47	9 47	2 0	24 33	16 17	12 34	13 13	2 51			n.a.
S 20	8 56	4 10	4 3	4 51	0 58	24 57	2 57	20 29	2 14	8 52	1 24	7 54	2 10	6 31	0 47	9 46	2 0	24 33	16 18	12 37	13 14	2 53			n.a.
M21	9 19	7 58	4 36	5 34	0 52	25 9	2 59	20 18	2 11	8 50	1 24	7 56	2 10	6 32	0 47	9 45	2 0	24 32	16 18	12 41	13 15	2 55			n.a.
T 22	9 41	11 28	4 56	6 17	0 46	25 20	3 0	20 7	2 9	8 47	1 24	7 59	2 10	6 33	0 47	9 45	2 0	24 32	16 19	12 45	13 16	2 58			n.a.
W23	10 4	14 32	5 4	7 0	0 39	25 31	3 1	19 56	2 6	8 44	1 24	8 1	2 10	6 33	0 47	9 44	2 0	24 32	16 19	12 49	13 17	3 0			n.a.
T 24	10 26	17 0	4 58	7 43	0 32	25 40	3 2	19 45	2 3	8 41	1 24	8 4	2 10	6 34	0 47	9 44	2 0	24 31	16 20	12 53	13 18	3 2			n.a.
F 25	10 48	18 45	4 38	8 25	0 26	25 50	3 3	19 34	2 1	8 38	1 24	8 7	2 10	6 34	0 47	9 43	2 0	24 31	16 20	12 56	13 19	3 4			n.a.
S 26	11 10	19 37	4 5	9 7	0 19	25 58	3 4	19 22	1 58	8 35	1 24	8 9	2 10	6 35	0 47	9 42	2 0	24 31	16 20	12 58	13 20	3 6			n.a.
S 27	11 32	19 32	3 19	9 48	0 12	26 6	3 5	19 11	1 56	8 32	1 23	8 12	2 10	6 36	0 47	9 42	2 0	24 31	16 21	12 59	13 21	3 8			n.a.
M28	11 54	18 25	2 22	10 29	0 6	26 13	3 5	18 59	1 53	8 29	1 23	8 14	2 10	6 36	0 47	9 41	2 0	24 31	16 21	12 59	13 22	3 10			n.a.
T 29	12 15	16 15	1 15	11 9	0s 1	26 19	3 6	18 48	1 51	8 26	1 23	8 17	2 10	6 37	0 47	9 41	2 0	24 31	16 22	12 59	13 23	3 12			n.a.
W30	12 36	13 7	0 3	11 49	0 7	26 25	3 6	18 36	1 48	8 24	1 23	8 20	2 10	6 37	0 47	9 40	2 0	24 30	16 22	12 59	13 24	3 14			n.a.
T 31	12s57	9n 8	1n12	12s29	0s14	26s30	3s 6	18s24	1s46	8n21	1s23	8s22	2n10	6s38	0s47	9n39	2s 0	24n30	16n23	12n59	13n25	3n16			n.a.

Julian Day Number = 1628557.5, Delta T = 03h43m16s
Ecliptic obliquity = 23°43'27, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'50, Lahiri = - 7°27'49 Julian Calendar 1 Oct. 255 BCE == Greg. Calendar 27 Sept. 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

NOVEMBER 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 23 27	4♏52'36	24♍18	3♏27	21♐57	14♒56	24°R26	26♎45	15°R 8	29°R44	6♍ 5	26°R 0	24♌42	17♈55	n.a.	F 1
S 2	2 27 23	5°53'38	9♎16	5° 1	23° 1	15°29	24♈18	26°52	15♓ 7	29♈42	6° 7	25♌55	24°39	18° 2	n.a.	S 2
S 3	2 31 20	6°54'40	24°28	6°35	24° 5	16° 3	24°11	26°59	15° 6	29°40	6° 8	25°46	24°36	18° 9	n.a.	S 3
M 4	2 35 16	7°55'44	9♏44	8°10	25° 9	16°36	24° 3	27° 6	15° 4	29°38	6° 9	25°36	24°33	18°15	n.a.	M 4
T 5	2 39 13	8°56'48	24°53	9°44	26°12	17°10	23°55	27°13	15° 3	29°37	6°11	25°24	24°29	18°22	n.a.	T 5
W 6	2 43 9	9°57'54	9♐45	11°18	27°15	17°44	23°48	27°20	15° 2	29°35	6°12	25°14	24°26	18°29	n.a.	W 6
T 7	2 47 6	10°59'00	24°12	12°53	28°17	18°17	23°40	27°27	15° 1	29°33	6°13	25° 4	24°23	18°35	n.a.	T 7
F 8	2 51 3	12° 0'07	8♑ 8	14°27	29°20	18°52	23°33	27°34	15° 0	29°32	6°14	24°58	24°20	18°42	n.a.	F 8
S 9	2 54 59	13° 1'15	21°35	16° 2	0♑22	19°26	23°25	27°40	14°59	29°30	6°16	24°54	24°17	18°49	n.a.	S 9
S 10	2 58 56	14° 2'23	4♒33	17°36	1°23	20° 0	23°18	27°47	14°58	29°28	6°17	24°52	24°14	18°56	n.a.	S 10
M11	3 2 52	15° 3'32	17° 7	19°10	2°24	20°35	23°11	27°54	14°57	29°27	6°18	24°D52	24°10	19° 2	n.a.	M11
T 12	3 6 49	16° 4'41	29°22	20°45	3°25	21° 9	23° 4	28° 1	14°56	29°25	6°19	24°R52	24° 7	19° 9	n.a.	T 12
W13	3 10 45	17° 5'50	11♓23	22°20	4°25	21°44	22°57	28° 8	14°56	29°24	6°20	24°51	24° 4	19°16	n.a.	W13
T 14	3 14 42	18° 7'00	23°16	23°54	5°25	22°19	22°50	28°15	14°55	29°22	6°21	24°48	24° 1	19°22	n.a.	T 14
F 15	3 18 38	19° 8'10	5♈ 5	25°29	6°25	22°54	22°44	28°21	14°54	29°20	6°22	24°42	23°58	19°29	n.a.	F 15
S 16	3 22 35	20° 9'21	16°54	27° 4	7°23	23°29	22°37	28°28	14°54	29°19	6°23	24°34	23°55	19°36	n.a.	S 16
S 17	3 26 32	21°10'32	28°46	28°39	8°22	24° 4	22°31	28°35	14°53	29°17	6°24	24°22	23°51	19°42	n.a.	S 17
M18	3 30 28	22°11'44	10♉43	0♐14	9°20	24°40	22°25	28°41	14°52	29°16	6°25	24° 8	23°48	19°49	n.a.	M18
T 19	3 34 25	23°12'56	22°48	1°49	10°17	25°15	22°19	28°48	14°52	29°14	6°26	23°53	23°45	19°56	n.a.	T 19
W20	3 38 21	24°14'08	5♊ 0	3°25	11°14	25°51	22°13	28°55	14°52	29°13	6°27	23°38	23°42	20° 3	n.a.	W20
T 21	3 42 18	25°15'21	17°20	5° 0	12°11	26°27	22° 7	29° 1	14°51	29°11	6°27	23°25	23°39	20° 9	n.a.	T 21
F 22	3 46 14	26°16'34	29°49	6°35	13° 6	27° 2	22° 2	29° 8	14°51	29°10	6°28	23°14	23°35	20°16	n.a.	F 22
S 23	3 50 11	27°17'48	12♋28	8°11	14° 2	27°38	21°56	29°14	14°50	29° 8	6°29	23° 6	23°32	20°23	n.a.	S 23
S 24	3 54 8	28°19'03	25°18	9°46	14°56	28°14	21°51	29°21	14°50	29° 7	6°30	23° 0	23°29	20°29	n.a.	S 24
M25	3 58 4	29°20'18	8♌22	11°22	15°50	28°50	21°46	29°27	14°50	29° 5	6°30	22°58	23°26	20°36	n.a.	M25
T 26	4 2 1	0♐21'33	21°41	12°57	16°43	29°26	21°41	29°34	14°50	29° 4	6°31	22°58	23°23	20°43	n.a.	T 26
W27	4 5 57	1°22'49	5♍19	14°32	17°36	0♓ 3	21°37	29°40	14°50	29° 3	6°32	22°58	23°20	20°49	n.a.	W27
T 28	4 9 54	2°24'05	19°16	16° 7	18°28	0°39	21°32	29°46	14°D50	29° 1	6°32	22°57	23°16	20°56	n.a.	T 28
F 29	4 13 50	3°25'21	3♎34	17°41	19°19	1°15	21°28	29°53	14°50	29° 0	6°33	22°54	23°13	21° 3	n.a.	F 29
S 30	4 17 47	4♐26'38	18♎10	19♐15	20♑ 9	1♓52	21♈23	29♎59	14♓50	28♈59	6♍33	22♌48	23♌10	21♈10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s18	4n29	2n24	13s 8	0s20	26s34	3s 6	18s12	1s44	8n18	1s23	8s25	2n10	6s38	0s46	9n39	2s 0	24n30	16n23	13n 0	13n27	3n18		n.a.
S 2	13 39	0s32	3 28	13 46	0 27	26 38	3 6	18 0	1 41	8 15	1 23	8 27	2 10	6 39	0 46	9 38	2 0	24 30	16 24	13 2	13 28	3 20		n.a.
S 3	13 59	5 36	4 18	14 24	0 33	26 41	3 6	17 47	1 39	8 13	1 22	8 30	2 10	6 39	0 46	9 38	1 59	24 30	16 24	13 5	13 29	3 22		n.a.
M 4	14 19	10 19	4 50	15 1	0 39	26 43	3 5	17 35	1 37	8 10	1 22	8 32	2 10	6 40	0 46	9 37	1 59	24 30	16 25	13 8	13 30	3 24		n.a.
T 5	14 39	14 20	5 2	15 37	0 45	26 45	3 5	17 22	1 34	8 7	1 22	8 35	2 10	6 40	0 46	9 36	1 59	24 30	16 25	13 12	13 31	3 27		n.a.
W 6	14 59	17 22	4 52	16 13	0 52	26 46	3 4	17 10	1 32	8 4	1 22	8 37	2 10	6 40	0 46	9 36	1 59	24 30	16 26	13 16	13 32	3 29		n.a.
T 7	15 18	19 12	4 24	16 48	0 57	26 46	3 3	16 57	1 30	8 2	1 22	8 40	2 10	6 41	0 46	9 35	1 59	24 30	16 26	13 19	13 33	3 31		n.a.
F 8	15 37	19 48	3 41	17 22	1 3	26 45	3 2	16 44	1 28	7 59	1 21	8 42	2 10	6 41	0 46	9 35	1 59	24 30	16 27	13 21	13 34	3 33		n.a.
S 9	15 56	19 14	2 47	17 56	1 9	26 44	3 1	16 31	1 26	7 57	1 21	8 45	2 10	6 42	0 46	9 34	1 59	24 30	16 27	13 23	13 35	3 35		n.a.
S 10	16 14	17 39	1 46	18 28	1 14	26 43	3 0	16 18	1 24	7 54	1 21	8 47	2 10	6 42	0 46	9 34	1 59	24 30	16 28	13 23	13 36	3 37		n.a.
M11	16 33	15 14	0 41	19 0	1 20	26 40	2 58	16 5	1 22	7 52	1 21	8 50	2 10	6 42	0 46	9 33	1 59	24 30	16 28	13 23	13 37	3 39		n.a.
T 12	16 51	12 12	0s24	19 31	1 25	26 37	2 56	15 52	1 19	7 49	1 21	8 52	2 10	6 42	0 46	9 32	1 59	24 30	16 29	13 23	13 38	3 41		n.a.
W13	17 8	8 42	1 26	20 1	1 30	26 33	2 54	15 39	1 17	7 47	1 20	8 54	2 10	6 43	0 46	9 32	1 59	24 30	16 29	13 24	13 39	3 43		n.a.
T 14	17 26	4 54	2 24	20 30	1 34	26 29	2 52	15 25	1 15	7 45	1 20	8 57	2 10	6 43	0 46	9 31	1 59	24 30	16 30	13 25	13 40	3 45		n.a.
F 15	17 43	0 57	3 15	20 58	1 39	26 24	2 50	15 12	1 13	7 43	1 20	8 59	2 11	6 43	0 46	9 31	1 59	24 30	16 31	13 27	13 42	3 47		n.a.
S 16	18 0	3n 3	3 58	21 25	1 43	26 18	2 48	14 58	1 12	7 40	1 20	9 2	2 11	6 43	0 46	9 30	1 59	24 30	16 31	13 29	13 43	3 49		n.a.
S 17	18 16	6 57	4 31	21 50	1 47	26 12	2 45	14 45	1 10	7 38	1 19	9 4	2 11	6 44	0 46	9 30	1 59	24 31	16 32	13 33	13 44	3 51		n.a.
M18	18 32	10 36	4 51	22 15	1 51	26 5	2 42	14 31	1 8	7 36	1 19	9 6	2 11	6 44	0 46	9 29	1 59	24 31	16 32	13 38	13 45	3 53		n.a.
T 19	18 48	13 52	4 59	22 39	1 55	25 58	2 39	14 17	1 6	7 34	1 19	9 9	2 11	6 44	0 46	9 29	1 59	24 31	16 33	13 43	13 46	3 56		n.a.
W20	19 3	16 34	4 54	23 1	1 58	25 50	2 36	14 3	1 4	7 32	1 19	9 11	2 11	6 44	0 46	9 28	1 59	24 31	16 33	13 48	13 47	3 58		n.a.
T 21	19 18	18 34	4 34	23 22	2 1	25 41	2 32	13 49	1 2	7 30	1 18	9 13	2 11	6 44	0 46	9 28	1 59	24 31	16 34	13 52	13 48	4 0		n.a.
F 22	19 33	19 42	4 1	23 42	2 3	25 32	2 29	13 35	1 0	7 28	1 18	9 15	2 11	6 44	0 46	9 27	1 59	24 32	16 34	13 56	13 49	4 2		n.a.
S 23	19 47	19 52	3 16	24 0	2 6	25 22	2 25	13 21	0 58	7 27	1 18	9 18	2 11	6 44	0 46	9 27	1 59	24 32	16 35	13 59	13 50	4 4		n.a.
S 24	20 1	19 2	2 21	24 17	2 7	25 12	2 21	13 7	0 57	7 25	1 18	9 20	2 11	6 44	0 46	9 26	1 59	24 32	16 36	14 1	13 51	4 6		n.a.
M25	20 15	17 10	1 16	24 32	2 9	25 2	2 16	12 52	0 55	7 23	1 17	9 22	2 11	6 44	0 46	9 26	1 59	24 32	16 36	14 1	13 52	4 8		n.a.
T 26	20 28	14 20	0 7	24 46	2 10	24 51	2 12	12 38	0 53	7 22	1 17	9 24	2 11	6 44	0 46	9 25	1 59	24 33	16 37	14 2	13 53	4 10		n.a.
W27	20 41	10 41	1n 5	24 58	2 10	24 39	2 7	12 24	0 52	7 20	1 17	9 27	2 11	6 44	0 45	9 25	1 59	24 33	16 37	14 2	13 54	4 12		n.a.
T 28	20 53	6 21	2 14	25 9	2 10	24 27	2 2	12 9	0 50	7 19	1 16	9 29	2 11	6 44	0 45	9 24	1 59	24 33	16 38	14 2	13 55	4 14		n.a.
F 29	21 5	1 34	3 17	25 18	2 10	24 14	1 57	11 54	0 48	7 17	1 16	9 31	2 11	6 44	0 45	9 24	1 59	24 34	16 39	14 3	13 56	4 16		n.a.
S 30	21s17	3s23	4n 8	25s25	2s 9	24s 2	1s51	11s40	0s47	7n16	1s16	9s33	2n12	6s44	0s45	9n23	1s59	24n34	16n39	14n 5	13n57	4n18		n.a.

Julian Day Number = 1628588.5, Delta T = 03h43m15s
Ecliptic obliquity = 23°43'27, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'45, Lahiri = - 7°27'45 Julian Calendar 1 Nov. 255 BCE == Greg. Calendar 28 Oct. 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 255 BCE
geocentric

DECEMBER 255 BCE (-254) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 21 43	5♐27'55	3♏ 1	20♐48	20♑58	2♓28	21°R19	0♏ 5	14♓50	28°R57	6♍34	22°R40	23♌ 7	21♈16	n.a.	S 1
M 2	4 25 40	6°29'12	17°59	22°20	21°47	3° 5	21♈16	0°11	14°50	28♈56	6°34	22♌30	23° 4	21°23	n.a.	M 2
T 3	4 29 37	7°30'29	2♐54	23°51	22°35	3°42	21°12	0°17	14°50	28°55	6°34	22°18	23° 1	21°30	n.a.	T 3
W 4	4 33 33	8°31'47	17°39	25°21	23°21	4°19	21° 9	0°23	14°51	28°53	6°35	22° 6	22°57	21°36	n.a.	W 4
T 5	4 37 30	9°33'04	2♑ 3	26°49	24° 7	4°55	21° 6	0°29	14°51	28°52	6°35	21°57	22°54	21°43	n.a.	T 5
F 6	4 41 26	10°34'20	16° 2	28°15	24°52	5°32	21° 3	0°35	14°51	28°51	6°35	21°49	22°51	21°50	n.a.	F 6
S 7	4 45 23	11°35'37	29°34	29°39	25°36	6° 9	21° 0	0°41	14°52	28°50	6°36	21°44	22°48	21°57	n.a.	S 7
S 8	4 49 19	12°36'52	12♒37	1♑ 0	26°18	6°46	20°57	0°47	14°52	28°49	6°36	21°42	22°45	22° 3	n.a.	S 8
M 9	4 53 16	13°38'07	25°17	2°17	27° 0	7°23	20°55	0°53	14°53	28°48	6°36	21°D42	22°41	22°10	n.a.	M 9
T 10	4 57 12	14°39'22	7♓36	3°31	27°40	8° 1	20°53	0°59	14°54	28°47	6°36	21°42	22°38	22°17	n.a.	T 10
W11	5 1 9	15°40'35	19°40	4°40	28°19	8°38	20°51	1° 4	14°54	28°46	6°36	21°R43	22°35	22°23	n.a.	W11
T 12	5 5 6	16°41'48	1♈34	5°43	28°57	9°15	20°49	1°10	14°55	28°44	6°36	21°41	22°32	22°30	n.a.	T 12
F 13	5 9 2	17°43'01	13°24	6°40	29°34	9°53	20°47	1°16	14°56	28°43	6°R36	21°38	22°29	22°37	n.a.	F 13
S 14	5 12 59	18°44'12	25°14	7°30	0♒ 9	10°30	20°46	1°21	14°56	28°43	6°36	21°32	22°26	22°43	n.a.	S 14
S 15	5 16 55	19°45'23	7♉ 9	8°12	0°42	11° 7	20°45	1°27	14°57	28°42	6°36	21°23	22°22	22°50	n.a.	S 15
M16	5 20 52	20°46'33	19°11	8°46	1°14	11°45	20°44	1°32	14°58	28°41	6°36	21°13	22°19	22°57	n.a.	M16
T 17	5 24 48	21°47'42	1♊24	9° 9	1°45	12°22	20°43	1°37	14°59	28°40	6°36	21° 1	22°16	23° 4	n.a.	T 17
W18	5 28 45	22°48'50	13°48	9°22	2°14	13° 0	20°43	1°43	15° 0	28°39	6°36	20°49	22°13	23°10	n.a.	W18
T 19	5 32 42	23°49'58	26°23	9°R24	2°41	13°38	20°42	1°48	15° 1	28°38	6°36	20°39	22°10	23°17	n.a.	T 19
F 20	5 36 38	24°51'05	9♋11	9°15	3° 6	14°15	20°D42	1°53	15° 2	28°37	6°36	20°30	22° 6	23°24	n.a.	F 20
S 21	5 40 35	25°52'11	22°10	8°54	3°30	14°53	20°42	1°58	15° 4	28°37	6°35	20°24	22° 3	23°30	n.a.	S 21
S 22	5 44 31	26°53'17	5♌20	8°21	3°51	15°31	20°42	2° 3	15° 5	28°36	6°35	20°20	22° 0	23°37	n.a.	S 22
M23	5 48 28	27°54'22	18°40	7°38	4°11	16° 8	20°43	2° 8	15° 6	28°35	6°35	20°D19	21°57	23°44	n.a.	M23
T 24	5 52 24	28°55'26	2♍12	6°44	4°29	16°46	20°44	2°13	15° 7	28°34	6°34	20°20	21°54	23°51	n.a.	T 24
W25	5 56 21	29°56'29	15°56	5°43	4°44	17°24	20°44	2°18	15° 9	28°34	6°34	20°21	21°51	23°57	n.a.	W25
T 26	6 0 17	0♑57'32	29°51	4°34	4°58	18° 2	20°46	2°23	15°10	28°33	6°34	20°R22	21°47	24° 4	n.a.	T 26
F 27	6 4 14	1°58'34	13♎58	3°21	5° 9	18°40	20°47	2°27	15°11	28°33	6°33	20°21	21°44	24°11	n.a.	F 27
S 28	6 8 11	2°59'36	28°16	2° 6	5°18	19°17	20°48	2°32	15°13	28°32	6°33	20°18	21°41	24°17	n.a.	S 28
S 29	6 12 7	4° 0'36	12♏42	0°51	5°25	19°55	20°50	2°36	15°15	28°31	6°32	20°14	21°38	24°24	n.a.	S 29
M30	6 16 4	5° 1'36	27°11	29♐38	5°29	20°33	20°52	2°41	15°16	28°31	6°32	20° 7	21°35	24°31	n.a.	M30
T 31	6 20 0	6♑ 2'35	11♐39	28♐28	5°R31	21♓11	20♈54	2♏45	15♓18	28♈31	6♍31	20♌ 0	21♌32	24♈37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21s28	8s13	4n44	25s31	2s 7	23s48	1s46	11s25	0s45	7n15	1s15	9s35	2n12	6s44	0s45	9n23	1s59	24n34	16n40	14n 7	13n58	4n21			n.a.
M 2	21 39	12 35	5 0	25 34	2 5	23 35	1 40	11 10	0 43	7 14	1 15	9 37	2 12	6 44	0 45	9 23	1 59	24 35	16 40	14 11	14 0	4 23			n.a.
T 3	21 49	16 9	4 56	25 36	2 2	23 20	1 33	10 55	0 42	7 13	1 15	9 39	2 12	6 44	0 45	9 22	1 59	24 35	16 41	14 15	14 1	4 25			n.a.
W 4	21 59	18 38	4 32	25 36	1 58	23 6	1 27	10 40	0 40	7 12	1 15	9 41	2 12	6 44	0 45	9 22	1 59	24 35	16 41	14 18	14 2	4 27			n.a.
T 5	22 9	19 51	3 51	25 35	1 54	22 51	1 20	10 25	0 39	7 11	1 14	9 43	2 12	6 44	0 45	9 21	1 58	24 36	16 42	14 22	14 3	4 29			n.a.
F 6	22 18	19 49	2 57	25 31	1 48	22 36	1 13	10 10	0 37	7 10	1 14	9 45	2 12	6 43	0 45	9 21	1 58	24 36	16 43	14 24	14 4	4 31			n.a.
S 7	22 27	18 37	1 55	25 26	1 42	22 21	1 6	9 55	0 36	7 9	1 14	9 47	2 12	6 43	0 45	9 21	1 58	24 37	16 43	14 26	14 5	4 33			n.a.
S 8	22 35	16 27	0 48	25 18	1 35	22 5	0 58	9 39	0 34	7 8	1 13	9 49	2 12	6 43	0 45	9 20	1 58	24 37	16 44	14 26	14 6	4 35			n.a.
M 9	22 42	13 33	0s19	25 9	1 27	21 50	0 50	9 24	0 33	7 8	1 13	9 51	2 12	6 43	0 45	9 20	1 58	24 38	16 44	14 26	14 7	4 37			n.a.
T 10	22 50	10 7	1 24	24 58	1 18	21 34	0 42	9 9	0 31	7 7	1 13	9 53	2 13	6 43	0 45	9 20	1 58	24 38	16 45	14 26	14 8	4 39			n.a.
W11	22 57	6 20	2 23	24 46	1 8	21 17	0 34	8 53	0 30	7 7	1 12	9 55	2 13	6 42	0 45	9 19	1 58	24 39	16 46	14 26	14 9	4 41			n.a.
T 12	23 3	2 21	3 16	24 32	0 57	21 1	0 25	8 38	0 28	7 6	1 12	9 57	2 13	6 42	0 45	9 19	1 58	24 39	16 46	14 27	14 10	4 43			n.a.
F 13	23 9	1n41	3 59	24 17	0 44	20 45	0 16	8 22	0 27	7 6	1 12	9 59	2 13	6 42	0 45	9 19	1 58	24 40	16 47	14 28	14 11	4 45			n.a.
S 14	23 14	5 39	4 33	24 1	0 31	20 28	0 7	8 7	0 26	7 6	1 11	10 0	2 13	6 41	0 45	9 18	1 58	24 40	16 47	14 30	14 12	4 48			n.a.
S 15	23 19	9 25	4 54	23 44	0 16	20 11	0n 3	7 51	0 24	7 6	1 11	10 2	2 13	6 41	0 45	9 18	1 58	24 41	16 48	14 32	14 13	4 50			n.a.
M16	23 24	12 52	5 3	23 26	0 0	19 55	0 13	7 36	0 23	7 6	1 11	10 4	2 13	6 40	0 45	9 18	1 58	24 41	16 48	14 36	14 14	4 52			n.a.
T 17	23 28	15 49	4 59	23 8	0n16	19 38	0 23	7 20	0 22	7 6	1 10	10 6	2 13	6 40	0 45	9 18	1 58	24 42	16 49	14 40	14 15	4 54			n.a.
W18	23 32	18 6	4 40	22 50	0 34	19 21	0 34	7 4	0 20	7 6	1 10	10 7	2 14	6 40	0 45	9 17	1 58	24 42	16 50	14 43	14 16	4 56			n.a.
T 19	23 35	19 33	4 7	22 31	0 52	19 4	0 45	6 48	0 19	7 6	1 10	10 9	2 14	6 39	0 45	9 17	1 58	24 43	16 50	14 47	14 17	4 58			n.a.
F 20	23 37	20 3	3 22	22 13	1 11	18 48	0 56	6 32	0 18	7 6	1 10	10 11	2 14	6 39	0 45	9 17	1 58	24 44	16 51	14 50	14 18	5 0			n.a.
S 21	23 40	19 29	2 25	21 56	1 30	18 31	1 7	6 17	0 16	7 7	1 9	10 12	2 14	6 38	0 45	9 17	1 58	24 44	16 51	14 52	14 19	5 2			n.a.
S 22	23 41	17 52	1 20	21 39	1 49	18 14	1 19	6 1	0 15	7 7	1 9	10 14	2 14	6 38	0 44	9 16	1 58	24 45	16 52	14 53	14 20	5 4			n.a.
M23	23 42	15 16	0 9	21 23	2 7	17 58	1 31	5 45	0 14	7 7	1 9	10 16	2 14	6 37	0 44	9 16	1 57	24 45	16 52	14 53	14 21	5 6			n.a.
T 24	23 43	11 48	1n 4	21 8	2 25	17 42	1 43	5 29	0 13	7 8	1 8	10 17	2 14	6 37	0 44	9 16	1 57	24 46	16 53	14 53	14 23	5 8			n.a.
W25	23 43	7 40	2 13	20 55	2 41	17 26	1 56	5 13	0 12	7 9	1 8	10 19	2 15	6 36	0 44	9 16	1 57	24 47	16 54	14 53	14 24	5 11			n.a.
T 26	23 43	3 3	3 16	20 43	2 56	17 10	2 9	4 57	0 10	7 9	1 8	10 20	2 15	6 35	0 44	9 16	1 57	24 47	16 54	14 52	14 25	5 13			n.a.
F 27	23 43	1s46	4 8	20 32	3 9	16 55	2 22	4 41	0 9	7 10	1 7	10 22	2 15	6 35	0 44	9 16	1 57	24 48	16 55	14 53	14 26	5 15			n.a.
S 28	23 41	6 32	4 46	20 23	3 20	16 39	2 36	4 25	0 8	7 11	1 7	10 23	2 15	6 34	0 44	9 15	1 57	24 49	16 55	14 53	14 27	5 17			n.a.
S 29	23 40	10 59	5 5	20 15	3 28	16 24	2 49	4 9	0 7	7 12	1 7	10 24	2 15	6 34	0 44	9 15	1 57	24 49	16 56	14 55	14 28	5 19			n.a.
M30	23 38	14 48	5 6	20 10	3 34	16 10	3 3	3 52	0 6	7 13	1 6	10 26	2 15	6 33	0 44	9 15	1 57	24 50	16 56	14 57	14 29	5 21			n.a.
T 31	23s35	17s43	4n47	20s 6	3n37	15s56	3n17	3s36	0s 5	7n14	1s 6	10s27	2n15	6s32	0s44	9n15	1s57	24n51	16n57	14n59	14n30	5n23			n.a.

Julian Day Number = 1628618.5, Delta T = 03h43m14s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'41, Lahiri = - 7°27'41 Julian Calendar 1 Dec. 255 BCE == Greg. Calendar 27 Nov. 255 BCE

The year -254 astronomical counting style corresponds to year 255 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

JANUARY 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 23 57	7♉ 3'33	25♐59	27°R25	5°R30	21♓49	20♈56	2♏49	15♓19	28°R30	6°R31	19°R53	21♌28	24♈44	n.a.	W 1
T 2	6 27 53	8° 4'29	10♉ 5	26♐28	5♒28	22°27	20°59	2°54	15°21	28♈30	6♍30	19♌46	21°25	24°51	n.a.	T 2
F 3	6 31 50	9° 5'25	23°52	25°38	5°22	23° 6	21° 2	2°58	15°23	28°29	6°29	19°42	21°22	24°58	n.a.	F 3
S 4	6 35 46	10° 6'19	7♒17	24°57	5°14	23°44	21° 5	3° 2	15°25	28°29	6°29	19°39	21°19	25° 4	n.a.	S 4
S 5	6 39 43	11° 7'11	20°19	24°25	5° 3	24°22	21° 8	3° 6	15°27	28°29	6°28	19°D38	21°16	25°11	n.a.	S 5
M 6	6 43 40	12° 8'02	3♓ 0	24° 1	4°50	25° 0	21°11	3°10	15°28	28°29	6°27	19°39	21°12	25°18	n.a.	M 6
T 7	6 47 36	13° 8'52	15°23	23°45	4°35	25°38	21°14	3°14	15°30	28°28	6°26	19°40	21° 9	25°24	n.a.	T 7
W 8	6 51 33	14° 9'39	27°30	23°37	4°17	26°16	21°18	3°17	15°32	28°28	6°25	19°42	21° 6	25°31	n.a.	W 8
T 9	6 55 29	15°10'25	9♈27	23°D36	3°56	26°55	21°22	3°21	15°34	28°28	6°25	19°43	21° 3	25°38	n.a.	T 9
F 10	6 59 26	16°11'10	21°19	23°43	3°33	27°33	21°26	3°25	15°37	28°28	6°24	19°R43	21° 0	25°45	n.a.	F 10
S 11	7 3 22	17°11'52	3♉11	23°57	3° 8	28°11	21°30	3°28	15°39	28°28	6°23	19°42	20°57	25°51	n.a.	S 11
S 12	7 7 19	18°12'33	15° 7	24°17	2°41	28°49	21°35	3°31	15°41	28°28	6°22	19°39	20°53	25°58	n.a.	S 12
M13	7 11 15	19°13'12	27°12	24°42	2°12	29°28	21°39	3°35	15°43	28°D28	6°21	19°35	20°50	26° 5	n.a.	M13
T 14	7 15 12	20°13'49	9♊30	25°13	1°41	0♈ 6	21°44	3°38	15°45	28°28	6°20	19°30	20°47	26°11	n.a.	T 14
W15	7 19 9	21°14'25	22° 2	25°48	1° 8	0°44	21°49	3°41	15°47	28°28	6°19	19°25	20°44	26°18	n.a.	W15
T 16	7 23 5	22°14'58	4♋51	26°28	0°34	1°22	21°54	3°44	15°50	28°28	6°18	19°20	20°41	26°25	n.a.	T 16
F 17	7 27 2	23°15'31	17°56	27°13	29♉59	2° 1	21°59	3°47	15°52	28°28	6°17	19°17	20°38	26°32	n.a.	F 17
S 18	7 30 58	24°16'01	1♌17	28° 1	29°23	2°39	22° 5	3°50	15°55	28°28	6°16	19°14	20°34	26°38	n.a.	S 18
S 19	7 34 55	25°16'30	14°53	28°52	28°46	3°17	22°11	3°53	15°57	28°29	6°14	19°D13	20°31	26°45	n.a.	S 19
M20	7 38 51	26°16'56	28°40	29°47	28° 8	3°56	22°16	3°55	15°59	28°29	6°13	19°13	20°28	26°52	n.a.	M20
T 21	7 42 48	27°17'22	12♍36	0♉44	27°30	4°34	22°22	3°58	16° 2	28°29	6°12	19°14	20°25	26°58	n.a.	T 21
W22	7 46 44	28°17'46	26°40	1°45	26°53	5°12	22°29	4° 0	16° 4	28°29	6°11	19°16	20°22	27° 5	n.a.	W22
T 23	7 50 41	29°18'08	10♎48	2°48	26°15	5°51	22°35	4° 3	16° 7	28°30	6°10	19°17	20°18	27°12	n.a.	T 23
F 24	7 54 38	0♒18'29	24°59	3°53	25°38	6°29	22°41	4° 5	16°10	28°30	6° 8	19°R18	20°15	27°19	n.a.	F 24
S 25	7 58 34	1°18'48	9♏10	5° 1	25° 2	7° 7	22°48	4° 7	16°12	28°31	6° 7	19°18	20°12	27°25	n.a.	S 25
S 26	8 2 31	2°19'06	23°20	6°10	24°28	7°46	22°55	4° 9	16°15	28°31	6° 6	19°17	20° 9	27°32	n.a.	S 26
M27	8 6 27	3°19'22	7♐26	7°22	23°54	8°24	23° 2	4°11	16°18	28°31	6° 5	19°15	20° 6	27°39	n.a.	M27
T 28	8 10 24	4°19'37	21°25	8°35	23°22	9° 2	23° 9	4°13	16°20	28°32	6° 3	19°13	20° 3	27°45	n.a.	T 28
W29	8 14 20	5°19'50	5♉15	9°51	22°51	9°41	23°16	4°15	16°23	28°33	6° 2	19°11	19°59	27°52	n.a.	W29
T 30	8 18 17	6°20'01	18°53	11° 7	22°22	10°19	23°23	4°17	16°26	28°33	6° 1	19°10	19°56	27°59	n.a.	T 30
F 31	8 22 13	7♒20'10	2♒16	12♉26	21♉56	10♈58	23♈31	4♏18	16♓29	28♈34	5♍59	19♌ 9	19♌53	28♈ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23s32	19s30	4n10	20s 4	3n38	15s42	3n31	3s20	0s 4	7n15	1s 6	10s29	2n16	6s32	0s44	9n15	1s57	24n52	16n57	15n 2	14n31	5n25		n.a.	
T 2	23 28	20 3	3 18	20 4	3 37	15 29	3 46	3 4	0 3	7 16	1 5	10 30	2 16	6 31	0 44	9 15	1 57	24 52	16 58	15 4	14 32	5 27		n.a.	
F 3	23 24	19 22	2 15	20 5	3 34	15 16	4 0	2 48	0 1	7 18	1 5	10 31	2 16	6 30	0 44	9 15	1 57	24 53	16 58	15 5	14 33	5 29		n.a.	
S 4	23 20	17 36	1 7	20 8	3 29	15 4	4 15	2 32	0 0	7 19	1 5	10 32	2 16	6 29	0 44	9 15	1 57	24 54	16 59	15 6	14 34	5 31		n.a.	
S 5	23 15	14 57	0s 4	20 13	3 23	14 52	4 29	2 15	0n 1	7 21	1 4	10 34	2 16	6 29	0 44	9 15	1 57	24 55	16 59	15 6	14 35	5 33		n.a.	
M 6	23 10	11 39	1 12	20 20	3 16	14 41	4 44	1 59	0 2	7 22	1 4	10 35	2 16	6 28	0 44	9 15	1 57	24 55	17 0	15 6	14 36	5 36		n.a.	
T 7	23 4	7 55	2 16	20 27	3 7	14 31	4 58	1 43	0 3	7 24	1 4	10 36	2 17	6 27	0 44	9 15	1 56	24 56	17 0	15 5	14 37	5 38		n.a.	
W 8	22 58	3 56	3 12	20 36	2 58	14 21	5 13	1 27	0 4	7 25	1 4	10 37	2 17	6 26	0 44	9 15	1 56	24 57	17 1	15 5	14 38	5 40		n.a.	
T 9	22 51	0n 8	3 59	20 46	2 48	14 12	5 27	1 10	0 5	7 27	1 3	10 38	2 17	6 25	0 44	9 15	1 56	24 58	17 1	15 5	14 39	5 42		n.a.	
F 10	22 44	4 10	4 35	20 57	2 38	14 4	5 41	0 54	0 6	7 29	1 3	10 39	2 17	6 25	0 44	9 15	1 56	24 58	17 2	15 5	14 40	5 44		n.a.	
S 11	22 36	8 2	5 0	21 8	2 27	13 56	5 55	0 38	0 7	7 31	1 3	10 40	2 17	6 24	0 44	9 15	1 56	24 59	17 2	15 5	14 41	5 46		n.a.	
S 12	22 28	11 36	5 11	21 20	2 16	13 49	6 8	0 22	0 8	7 33	1 2	10 41	2 18	6 23	0 44	9 15	1 56	25 0	17 3	15 6	14 42	5 48		n.a.	
M13	22 20	14 45	5 10	21 32	2 5	13 43	6 21	0 5	0 9	7 35	1 2	10 42	2 18	6 22	0 44	9 15	1 56	25 1	17 3	15 7	14 43	5 50		n.a.	
T 14	22 11	17 18	4 54	21 44	1 54	13 38	6 33	0n11	0 9	7 37	1 2	10 43	2 18	6 21	0 44	9 15	1 56	25 2	17 4	15 9	14 44	5 52		n.a.	
W15	22 1	19 6	4 24	21 57	1 43	13 33	6 45	0 27	0 10	7 39	1 1	10 44	2 18	6 20	0 44	9 15	1 56	25 2	17 4	15 10	14 45	5 54		n.a.	
T 16	21 52	19 58	3 40	22 9	1 31	13 29	6 57	0 44	0 11	7 41	1 1	10 45	2 18	6 19	0 44	9 15	1 56	25 3	17 5	15 12	14 46	5 56		n.a.	
F 17	21 42	19 48	2 43	22 21	1 20	13 26	7 7	1 0	0 12	7 44	1 1	10 46	2 18	6 18	0 44	9 15	1 56	25 4	17 5	15 13	14 47	5 58		n.a.	
S 18	21 31	18 32	1 37	22 33	1 9	13 24	7 17	1 16	0 13	7 46	1 1	10 46	2 19	6 17	0 44	9 16	1 56	25 5	17 5	15 14	14 48	6 1		n.a.	
S 19	21 20	16 11	0 24	22 44	0 59	13 22	7 26	1 32	0 14	7 48	1 0	10 47	2 19	6 16	0 43	9 16	1 56	25 6	17 6	15 14	14 49	6 3		n.a.	
M20	21 9	12 53	0n52	22 55	0 48	13 21	7 35	1 48	0 15	7 51	1 0	10 48	2 19	6 15	0 43	9 16	1 56	25 6	17 6	15 14	14 50	6 5		n.a.	
T 21	20 57	8 50	2 5	23 6	0 38	13 21	7 42	2 5	0 16	7 53	1 0	10 48	2 19	6 14	0 43	9 16	1 56	25 7	17 7	15 14	14 51	6 7		n.a.	
W22	20 45	4 16	3 12	23 15	0 28	13 22	7 49	2 21	0 17	7 56	0 59	10 49	2 19	6 13	0 43	9 16	1 55	25 8	17 7	15 13	14 52	6 9		n.a.	
T 23	20 32	0s32	4 7	23 24	0 18	13 23	7 54	2 37	0 17	7 58	0 59	10 50	2 20	6 12	0 43	9 16	1 55	25 9	17 8	15 13	14 53	6 11		n.a.	
F 24	20 19	5 19	4 48	23 32	0 8	13 25	7 59	2 53	0 18	8 1	0 59	10 50	2 20	6 11	0 43	9 17	1 55	25 10	17 8	15 13	14 54	6 13		n.a.	
S 25	20 6	9 49	5 11	23 39	0s 1	13 28	8 3	3 9	0 19	8 4	0 59	10 51	2 20	6 10	0 43	9 17	1 55	25 11	17 8	15 13	14 55	6 15		n.a.	
S 26	19 53	13 45	5 15	23 45	0 11	13 31	8 6	3 25	0 20	8 7	0 58	10 51	2 20	6 9	0 43	9 17	1 55	25 11	17 9	15 13	14 56	6 17		n.a.	
M27	19 39	16 53	5 0	23 50	0 19	13 35	8 8	3 41	0 21	8 9	0 58	10 52	2 20	6 8	0 43	9 17	1 55	25 12	17 9	15 13	14 57	6 19		n.a.	
T 28	19 24	19 0	4 27	23 54	0 28	13 39	8 9	3 57	0 21	8 12	0 58	10 52	2 21	6 7	0 43	9 17	1 55	25 13	17 9	15 14	14 58	6 21		n.a.	
W29	19 10	19 58	3 40	23 57	0 36	13 44	8 9	4 13	0 22	8 15	0 58	10 53	2 21	6 6	0 43	9 18	1 55	25 14	17 10	15 15	14 59	6 23		n.a.	
T 30	18 55	19 44	2 40	23 59	0 44	13 49	8 8	4 29	0 23	8 18	0 57	10 53	2 21	6 5	0 43	9 18	1 55	25 15	17 10	15 15	15 0	6 26		n.a.	
F 31	18s39	18s24	1n32	24s 0	0s52	13s54	8n 7	4n45	0n24	8n21	0s57	10s54	2n21	6s 4	0s43	9n18	1s55	25n16	17n10	15n16	15n 1	6n28		n.a.	

Julian Day Number = 1628649.5, Delta T = 03h43m13s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'37, Lahiri = - 7°27'37 Julian Calendar 1 Jan. 254 BCE == Greg. Calendar 28 Dec. 255 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

FEBRUARY 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 26 10	8♒20'17	15♒23	13♑46	21°R31	11♈36	23♈39	4♏20	16♓31	28♈34	5°R58	19°D 8	19♌50	28♈12	n.a.	S 1
S 2	8 30 7	9°20'23	28°14	15° 7	21♑ 8	12°14	23°46	4°21	16°34	28°35	5♍56	19♌ 8	19°47	28°19	n.a.	S 2
M 3	8 34 3	10°20'26	10♓49	16°30	20°48	12°53	23°54	4°23	16°37	28°36	5°55	19° 9	19°44	28°26	n.a.	M 3
T 4	8 38 0	11°20'27	23° 9	17°54	20°30	13°31	24° 3	4°24	16°40	28°37	5°53	19°10	19°40	28°32	n.a.	T 4
W 5	8 41 56	12°20'26	5♈16	19°20	20°15	14°10	24°11	4°25	16°43	28°37	5°52	19°10	19°37	28°39	n.a.	W 5
T 6	8 45 53	13°20'22	17°14	20°47	20° 2	14°48	24°19	4°26	16°46	28°38	5°51	19°11	19°34	28°46	n.a.	T 6
F 7	8 49 49	14°20'16	29° 7	22°15	19°51	15°26	24°28	4°27	16°49	28°39	5°49	19°11	19°31	28°53	n.a.	F 7
S 8	8 53 46	15°20'08	11♉ 0	23°44	19°43	16° 5	24°36	4°28	16°52	28°40	5°47	19°R12	19°28	28°59	n.a.	S 8
S 9	8 57 42	16°19'58	22°56	25°15	19°38	16°43	24°45	4°29	16°55	28°41	5°46	19°12	19°24	29° 6	n.a.	S 9
M10	9 1 39	17°19'46	5♊ 1	26°47	19°35	17°22	24°54	4°29	16°58	28°42	5°44	19°12	19°21	29°13	n.a.	M10
T 11	9 5 36	18°19'31	17°18	28°20	19°D34	18° 0	25° 3	4°30	17° 1	28°43	5°43	19°11	19°18	29°19	n.a.	T 11
W12	9 9 32	19°19'14	29°53	29°55	19°35	18°38	25°12	4°30	17° 4	28°44	5°41	19°D11	19°15	29°26	n.a.	W12
T 13	9 13 29	20°18'54	12♋48	1♒30	19°39	19°17	25°22	4°31	17° 8	28°45	5°40	19°11	19°12	29°33	n.a.	T 13
F 14	9 17 25	21°18'32	26° 4	3° 7	19°46	19°55	25°31	4°31	17°11	28°46	5°38	19°12	19° 9	29°40	n.a.	F 14
S 15	9 21 22	22°18'08	9♌41	4°45	19°54	20°34	25°41	4°31	17°14	28°47	5°37	19°12	19° 5	29°46	n.a.	S 15
S 16	9 25 18	23°17'42	23°39	6°24	20° 5	21°12	25°50	4°R31	17°17	28°48	5°35	19°R12	19° 2	29°53	n.a.	S 16
M17	9 29 15	24°17'13	7♍53	8° 5	20°18	21°50	26° 0	4°31	17°20	28°49	5°33	19°12	18°59	29°59	n.a.	M17
T 18	9 33 11	25°16'43	22°18	9°47	20°33	22°29	26°10	4°31	17°23	28°50	5°32	19°11	18°56	0♉ 6	n.a.	T 18
W19	9 37 8	26°16'10	6♎50	11°30	20°50	23° 7	26°20	4°30	17°27	28°52	5°30	19°10	18°53	0°13	n.a.	W19
T 20	9 41 4	27°15'36	21°23	13°14	21° 9	23°45	26°30	4°30	17°30	28°53	5°28	19°10	18°50	0°20	n.a.	T 20
F 21	9 45 1	28°14'59	5♏51	14°59	21°30	24°24	26°40	4°30	17°33	28°54	5°27	19° 9	18°46	0°27	n.a.	F 21
S 22	9 48 58	29°14'21	20°10	16°46	21°52	25° 2	26°50	4°29	17°36	28°55	5°25	19° 8	18°43	0°33	n.a.	S 22
S 23	9 52 54	0♓13'41	4♐17	18°35	22°17	25°40	27° 1	4°28	17°40	28°57	5°23	19°D 8	18°40	0°40	n.a.	S 23
M24	9 56 51	1°13'00	18°10	20°24	22°43	26°19	27°11	4°28	17°43	28°58	5°22	19° 8	18°37	0°47	n.a.	M24
T 25	10 0 47	2°12'16	1♑50	22°15	23°11	26°57	27°22	4°27	17°46	28°59	5°20	19° 9	18°34	0°53	n.a.	T 25
W26	10 4 44	3°11'31	15°15	24° 7	23°40	27°35	27°32	4°26	17°50	29° 1	5°19	19°11	18°30	1° 0	n.a.	W26
T 27	10 8 40	4°10'43	28°26	26° 1	24°11	28°14	27°43	4°25	17°53	29° 2	5°17	19°12	18°27	1° 7	n.a.	T 27
F 28	10 12 37	5♓ 9'54	11♒25	27♒56	24♑43	28♈52	27♈54	4♏24	17♓56	29♈ 4	5♍15	19♌12	18♌24	1♉14	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s24	16s 5	0n21	23s59	0s59	14s 0	8n 4	5n 1	0n24	8n24	0s57	10s54	2n21	6s 2	0s43	9n19	1s55	25n16	17n11	15n16	15n 2	6n30		n.a.
S 2	18 8	13 1	0s50	23 57	1 6	14 7	8 1	5 17	0 25	8 28	0 56	10 54	2 22	6 1	0 43	9 19	1 55	25 17	17 11	15 16	15 4	6 32		n.a.
M 3	17 51	9 24	1 57	23 54	1 13	14 13	7 58	5 33	0 26	8 31	0 56	10 54	2 22	6 0	0 43	9 19	1 55	25 18	17 11	15 16	15 5	6 34		n.a.
T 4	17 35	5 28	2 58	23 49	1 19	14 20	7 53	5 48	0 27	8 34	0 56	10 55	2 22	5 59	0 43	9 20	1 55	25 19	17 12	15 15	15 6	6 36		n.a.
W 5	17 18	1 23	3 49	23 43	1 25	14 27	7 48	6 4	0 27	8 37	0 56	10 55	2 22	5 58	0 43	9 20	1 54	25 20	17 12	15 15	15 7	6 38		n.a.
T 6	17 1	2n42	4 29	23 36	1 31	14 34	7 43	6 20	0 28	8 41	0 55	10 55	2 22	5 57	0 43	9 20	1 54	25 21	17 12	15 15	15 8	6 40		n.a.
F 7	16 43	6 39	4 58	23 27	1 36	14 42	7 37	6 35	0 29	8 44	0 55	10 55	2 23	5 55	0 43	9 21	1 54	25 21	17 12	15 15	15 9	6 42		n.a.
S 8	16 26	10 20	5 14	23 16	1 41	14 49	7 31	6 51	0 29	8 48	0 55	10 55	2 23	5 54	0 43	9 21	1 54	25 22	17 13	15 15	15 10	6 44		n.a.
S 9	16 8	13 37	5 17	23 4	1 46	14 57	7 24	7 7	0 30	8 51	0 55	10 55	2 23	5 53	0 43	9 21	1 54	25 23	17 13	15 15	15 11	6 46		n.a.
M10	15 49	16 23	5 5	22 51	1 50	15 4	7 17	7 22	0 31	8 55	0 55	10 55	2 23	5 52	0 43	9 22	1 54	25 24	17 13	15 15	15 12	6 48		n.a.
T 11	15 31	18 28	4 40	22 36	1 54	15 12	7 9	7 38	0 31	8 58	0 54	10 55	2 23	5 50	0 43	9 22	1 54	25 25	17 13	15 15	15 13	6 51		n.a.
W12	15 12	19 43	4 1	22 19	1 57	15 20	7 1	7 53	0 32	9 2	0 54	10 55	2 24	5 49	0 43	9 23	1 54	25 25	17 13	15 15	15 14	6 53		n.a.
T 13	14 53	19 58	3 9	22 1	2 0	15 27	6 53	8 8	0 33	9 5	0 54	10 55	2 24	5 48	0 43	9 23	1 54	25 26	17 14	15 15	15 15	6 55		n.a.
F 14	14 34	19 9	2 5	21 41	2 3	15 34	6 45	8 24	0 33	9 9	0 54	10 55	2 24	5 47	0 43	9 23	1 54	25 27	17 14	15 15	15 16	6 57		n.a.
S 15	14 15	17 12	0 53	21 20	2 5	15 42	6 36	8 39	0 34	9 13	0 53	10 55	2 24	5 45	0 43	9 24	1 54	25 28	17 14	15 15	15 17	6 59		n.a.
S 16	13 55	14 11	0n25	20 56	2 7	15 49	6 27	8 54	0 35	9 17	0 53	10 55	2 25	5 44	0 43	9 24	1 54	25 29	17 14	15 15	15 18	7 1		n.a.
M17	13 35	10 17	1 42	20 32	2 8	15 56	6 19	9 9	0 35	9 20	0 53	10 55	2 25	5 43	0 43	9 25	1 54	25 29	17 14	15 15	15 19	7 3		n.a.
T 18	13 15	5 44	2 54	20 5	2 9	16 2	6 10	9 24	0 36	9 24	0 53	10 54	2 25	5 42	0 43	9 25	1 54	25 30	17 15	15 15	15 20	7 5		n.a.
W19	12 55	0 50	3 55	19 37	2 10	16 9	6 0	9 39	0 36	9 28	0 52	10 54	2 25	5 40	0 43	9 26	1 54	25 31	17 15	15 15	15 21	7 7		n.a.
T 20	12 34	4s 6	4 40	19 7	2 10	16 15	5 51	9 54	0 37	9 32	0 52	10 54	2 25	5 39	0 43	9 26	1 54	25 32	17 15	15 15	15 22	7 9		n.a.
F 21	12 13	8 47	5 8	18 35	2 9	16 21	5 42	10 9	0 38	9 36	0 52	10 53	2 26	5 38	0 43	9 27	1 53	25 32	17 15	15 16	15 23	7 11		n.a.
S 22	11 52	12 55	5 17	18 2	2 8	16 27	5 33	10 24	0 38	9 40	0 52	10 53	2 26	5 36	0 43	9 27	1 53	25 33	17 15	15 16	15 24	7 13		n.a.
S 23	11 31	16 15	5 6	17 27	2 7	16 32	5 23	10 38	0 39	9 44	0 52	10 53	2 26	5 35	0 43	9 28	1 53	25 34	17 15	15 16	15 25	7 15		n.a.
M24	11 10	18 35	4 37	16 50	2 5	16 37	5 14	10 53	0 39	9 48	0 51	10 52	2 26	5 34	0 43	9 28	1 53	25 35	17 15	15 16	15 26	7 18		n.a.
T 25	10 49	19 50	3 53	16 11	2 2	16 42	5 5	11 7	0 40	9 52	0 51	10 52	2 26	5 32	0 43	9 29	1 53	25 35	17 15	15 15	15 27	7 20		n.a.
W26	10 27	19 55	2 57	15 31	1 59	16 46	4 55	11 22	0 40	9 56	0 51	10 51	2 26	5 31	0 43	9 30	1 53	25 36	17 15	15 15	15 28	7 22		n.a.
T 27	10 6	18 53	1 52	14 49	1 56	16 50	4 46	11 36	0 41	10 0	0 51	10 51	2 27	5 30	0 43	9 30	1 53	25 37	17 15	15 15	15 29	7 24		n.a.
F 28	9s44	16s52	0n43	14s 5	1s52	16s54	4n37	11n51	0n41	10n 4	0s51	10s50	2n27	5s28	0s43	9n31	1s53	25n37	17n15	15n14	15n30	7n26		n.a.

Julian Day Number = 1628680.5, Delta T = 03h43m12s
Ecliptic obliquity = 23°43'26, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'33, Lahiri = - 7°27'32 Julian Calendar 1 Feb. 254 BCE == Greg. Calendar 28 Jan. 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

MARCH 254 BCE (-253) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 16 33	6♓ 9'02	24♒10	29♒52	25♑17	29♈30	28♈ 5	4°R22	18♓ 0	29♈ 5	5°R14	19°R13	18♌21	1♉20	n.a.	S 1
S 2	10 20 30	7° 8'09	6♓44	1♓49	25°52	0♉ 9	28°16	4♏21	18° 3	29° 7	5♍12	19♌12	18°18	1°27	n.a.	S 2
M 3	10 24 27	8° 7'13	19° 6	3°48	26°28	0°47	28°27	4°20	18° 7	29° 8	5°10	19°10	18°15	1°34	n.a.	M 3
T 4	10 28 23	9° 6'15	1♈18	5°48	27° 5	1°25	28°39	4°18	18°10	29°10	5° 9	19° 7	18°11	1°40	n.a.	T 4
W 5	10 32 20	10° 5'15	13°21	7°49	27°44	2° 3	28°50	4°17	18°13	29°12	5° 7	19° 4	18° 8	1°47	n.a.	W 5
T 6	10 36 16	11° 4'12	25°18	9°51	28°24	2°42	29° 1	4°15	18°17	29°13	5° 5	19° 0	18° 5	1°54	n.a.	T 6
F 7	10 40 13	12° 3'08	7♉10	11°54	29° 5	3°20	29°13	4°13	18°20	29°15	5° 4	18°57	18° 2	2° 1	n.a.	F 7
S 8	10 44 9	13° 2'01	19° 2	13°58	29°46	3°58	29°25	4°11	18°24	29°16	5° 2	18°54	17°59	2° 7	n.a.	S 8
S 9	10 48 6	14° 0'51	0♊57	16° 3	0♒29	4°36	29°36	4° 9	18°27	29°18	5° 0	18°52	17°55	2°14	n.a.	S 9
M10	10 52 2	14°59'40	13° 0	18° 8	1°13	5°15	29°48	4° 7	18°30	29°20	4°59	18°D51	17°52	2°21	n.a.	M10
T 11	10 55 59	15°58'26	25°15	20°13	1°58	5°53	29°59	4° 5	18°34	29°22	4°57	18°52	17°49	2°27	n.a.	T 11
W12	10 59 55	16°57'09	7♋47	22°19	2°43	6°31	0♉12	4° 3	18°37	29°23	4°55	18°53	17°46	2°34	n.a.	W12
T 13	11 3 52	17°55'51	20°39	24°24	3°30	7° 9	0°24	4° 0	18°41	29°25	4°54	18°54	17°43	2°41	n.a.	T 13
F 14	11 7 49	18°54'30	3♌56	26°29	4°17	7°47	0°36	3°58	18°44	29°27	4°52	18°56	17°40	2°48	n.a.	F 14
S 15	11 11 45	19°53'07	17°39	28°34	5° 5	8°26	0°48	3°55	18°48	29°29	4°51	18°R57	17°36	2°54	n.a.	S 15
S 16	11 15 42	20°51'41	1♍48	0♈37	5°54	9° 4	1° 0	3°53	18°51	29°30	4°49	18°56	17°33	3° 1	n.a.	S 16
M17	11 19 38	21°50'13	16°20	2°39	6°44	9°42	1°12	3°50	18°54	29°32	4°47	18°54	17°30	3° 8	n.a.	M17
T 18	11 23 35	22°48'44	1♎ 9	4°39	7°34	10°20	1°24	3°48	18°58	29°34	4°46	18°50	17°27	3°15	n.a.	T 18
W19	11 27 31	23°47'12	16° 8	6°36	8°25	10°58	1°37	3°45	19° 1	29°36	4°44	18°45	17°24	3°21	n.a.	W19
T 20	11 31 28	24°45'38	1♏ 7	8°32	9°17	11°36	1°49	3°42	19° 5	29°38	4°43	18°40	17°21	3°28	n.a.	T 20
F 21	11 35 24	25°44'03	15°58	10°25	10° 9	12°15	2° 2	3°39	19° 8	29°40	4°41	18°35	17°17	3°35	n.a.	F 21
S 22	11 39 21	26°42'26	0♐33	12°14	11° 2	12°53	2°14	3°36	19°12	29°42	4°40	18°32	17°14	3°41	n.a.	S 22
S 23	11 43 18	27°40'48	14°49	14° 1	11°55	13°31	2°27	3°33	19°15	29°44	4°38	18°29	17°11	3°48	n.a.	S 23
M24	11 47 14	28°39'07	28°43	15°44	12°49	14° 9	2°40	3°30	19°18	29°46	4°37	18°D28	17° 8	3°55	n.a.	M24
T 25	11 51 11	29°37'26	12♑15	17°23	13°44	14°47	2°52	3°26	19°22	29°48	4°35	18°29	17° 5	4° 2	n.a.	T 25
W26	11 55 7	0♈35'42	25°27	18°58	14°39	15°25	3° 5	3°23	19°25	29°50	4°34	18°30	17° 1	4° 8	n.a.	W26
T 27	11 59 4	1°33'57	8♒21	20°30	15°35	16° 3	3°18	3°20	19°28	29°52	4°32	18°32	16°58	4°15	n.a.	T 27
F 28	12 3 0	2°32'11	21° 1	21°57	16°31	16°41	3°31	3°16	19°32	29°54	4°31	18°R32	16°55	4°22	n.a.	F 28
S 29	12 6 57	3°30'22	3♓28	23°20	17°27	17°19	3°44	3°13	19°35	29°56	4°30	18°31	16°52	4°28	n.a.	S 29
S 30	12 10 53	4°28'32	15°45	24°38	18°24	17°57	3°57	3° 9	19°39	29°58	4°28	18°28	16°49	4°35	n.a.	S 30
M31	12 14 50	5♈26'40	27♓54	25♈52	19♒22	18♉35	4♉10	3♏ 6	19♓42	29♈59	4♍27	18♌22	16♌46	4♉42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	9s22	14s 3	0s27	13s19	1s47	16s57	4n28	12n 5	0n42	10n 8	0s50	10s49	2n27	5s27	0s43	9n31	1s53	25n38	17n16	15n14	15n31	7n28		n.a.	S 1
S 2	9 0	10 37	1 35	12 32	1 42	17 0	4 18	12 19	0 42	10 12	0 50	10 49	2 27	5 26	0 43	9 32	1 53	25 39	17 16	15 15	15 32	7 30		n.a.	S 2
M 3	8 37	6 46	2 38	11 44	1 36	17 2	4 9	12 33	0 43	10 17	0 50	10 48	2 27	5 24	0 43	9 32	1 53	25 39	17 16	15 15	15 33	7 32		n.a.	M 3
T 4	8 15	2 42	3 32	10 53	1 30	17 4	4 0	12 47	0 43	10 21	0 50	10 48	2 28	5 23	0 43	9 33	1 53	25 40	17 16	15 16	15 34	7 34		n.a.	T 4
W 5	7 53	1n25	4 15	10 1	1 23	17 5	3 51	13 1	0 44	10 25	0 50	10 47	2 28	5 22	0 43	9 34	1 53	25 41	17 16	15 17	15 35	7 36		n.a.	W 5
T 6	7 30	5 26	4 48	9 8	1 16	17 6	3 42	13 15	0 44	10 29	0 49	10 46	2 28	5 20	0 43	9 34	1 53	25 41	17 16	15 18	15 35	7 38		n.a.	T 6
F 7	7 7	9 14	5 7	8 14	1 8	17 6	3 33	13 29	0 45	10 34	0 49	10 45	2 28	5 19	0 43	9 35	1 53	25 42	17 16	15 19	15 36	7 40		n.a.	F 7
S 8	6 45	12 39	5 14	7 18	1 0	17 6	3 25	13 42	0 45	10 38	0 49	10 44	2 28	5 18	0 43	9 36	1 53	25 43	17 16	15 20	15 37	7 42		n.a.	S 8
S 9	6 22	15 35	5 7	6 21	0 51	17 6	3 16	13 56	0 46	10 42	0 49	10 44	2 28	5 16	0 43	9 36	1 53	25 43	17 15	15 21	15 38	7 45		n.a.	S 9
M10	5 59	17 53	4 47	5 23	0 41	17 5	3 7	14 9	0 46	10 47	0 49	10 43	2 29	5 15	0 43	9 37	1 53	25 44	17 15	15 21	15 39	7 47		n.a.	M10
T 11	5 36	19 25	4 13	4 24	0 32	17 3	2 59	14 22	0 47	10 51	0 48	10 42	2 29	5 14	0 43	9 37	1 52	25 44	17 15	15 21	15 40	7 49		n.a.	T 11
W12	5 13	20 3	3 27	3 25	0 21	17 1	2 50	14 36	0 47	10 55	0 48	10 41	2 29	5 12	0 43	9 38	1 52	25 45	17 15	15 21	15 41	7 51		n.a.	W12
T 13	4 50	19 40	2 29	2 25	0 11	16 59	2 42	14 49	0 48	11 0	0 48	10 40	2 29	5 11	0 43	9 39	1 52	25 45	17 15	15 20	15 42	7 53		n.a.	T 13
F 14	4 26	18 11	1 21	1 25	0n 0	16 55	2 34	15 2	0 48	11 4	0 48	10 39	2 29	5 10	0 43	9 40	1 52	25 46	17 15	15 20	15 43	7 55		n.a.	F 14
S 15	4 3	15 37	0 7	0 25	0 11	16 52	2 26	15 15	0 49	11 9	0 48	10 38	2 29	5 8	0 43	9 40	1 52	25 46	17 15	15 19	15 44	7 57		n.a.	S 15
S 16	3 40	12 3	1n10	0n35	0 22	16 48	2 18	15 28	0 49	11 13	0 48	10 37	2 30	5 7	0 43	9 41	1 52	25 47	17 15	15 20	15 45	7 59		n.a.	S 16
M17	3 16	7 40	2 24	1 35	0 34	16 43	2 10	15 40	0 49	11 18	0 47	10 36	2 30	5 5	0 43	9 42	1 52	25 47	17 15	15 20	15 46	8 1		n.a.	M17
T 18	2 53	2 44	3 30	2 33	0 45	16 38	2 2	15 53	0 50	11 22	0 47	10 35	2 30	5 4	0 43	9 42	1 52	25 48	17 15	15 21	15 47	8 3		n.a.	T 18
W19	2 30	2s23	4 22	3 31	0 56	16 32	1 54	16 5	0 50	11 26	0 47	10 34	2 30	5 3	0 43	9 43	1 52	25 48	17 14	15 23	15 48	8 5		n.a.	W19
T 20	2 6	7 22	4 56	4 27	1 7	16 26	1 47	16 18	0 51	11 31	0 47	10 33	2 30	5 1	0 43	9 44	1 52	25 49	17 14	15 24	15 49	8 7		n.a.	T 20
F 21	1 43	11 51	5 10	5 22	1 18	16 19	1 39	16 30	0 51	11 35	0 47	10 32	2 30	5 0	0 43	9 44	1 52	25 49	17 14	15 26	15 50	8 9		n.a.	F 21
S 22	1 19	15 33	5 4	6 15	1 29	16 12	1 32	16 42	0 52	11 40	0 47	10 31	2 30	4 59	0 43	9 45	1 52	25 50	17 14	15 27	15 51	8 11		n.a.	S 22
S 23	0 56	18 14	4 39	7 7	1 39	16 4	1 25	16 54	0 52	11 45	0 46	10 29	2 30	4 57	0 43	9 46	1 52	25 50	17 14	15 28	15 52	8 14		n.a.	S 23
M24	0 33	19 45	3 58	7 56	1 49	15 55	1 18	17 6	0 52	11 49	0 46	10 28	2 31	4 56	0 43	9 47	1 52	25 51	17 14	15 28	15 53	8 16		n.a.	M24
T 25	0 9	20 6	3 4	8 43	1 58	15 46	1 11	17 18	0 53	11 54	0 46	10 27	2 31	4 55	0 43	9 47	1 52	25 51	17 13	15 28	15 54	8 18		n.a.	T 25
W26	0n14	19 18	2 2	9 28	2 7	15 37	1 4	17 30	0 53	11 58	0 46	10 26	2 31	4 53	0 43	9 48	1 52	25 51	17 13	15 28	15 55	8 20		n.a.	W26
T 27	0 38	17 30	0 55	10 11	2 15	15 27	0 57	17 41	0 53	12 3	0 46	10 25	2 31	4 52	0 43	9 49	1 52	25 52	17 13	15 27	15 56	8 22		n.a.	T 27
F 28	1 1	14 52	0s13	10 51	2 22	15 16	0 50	17 53	0 54	12 7	0 46	10 23	2 31	4 51	0 43	9 50	1 52	25 52	17 13	15 27	15 57	8 24		n.a.	F 28
S 29	1 25	11 36	1 20	11 28	2 29	15 5	0 44	18 4	0 54	12 12	0 45	10 22	2 31	4 49	0 43	9 50	1 52	25 52	17 13	15 27	15 58	8 26		n.a.	S 29
S 30	1 48	7 51	2 22	12 3	2 35	14 54	0 37	18 15	0 54	12 16	0 45	10 21	2 31	4 48	0 43	9 51	1 52	25 53	17 12	15 28	15 59	8 28		n.a.	S 30
M31	2n11	3s50	3s16	12n35	2n40	14s42	0n31	18n26	0n55	12n21	0s45	10s19	2n31	4s47	0s43	9n52	1s52	25n53	17n12	15n30	16n 0	8n30		n.a.	M31

Julian Day Number = 1628708.5, Delta T = 03h43m11s
Ecliptic obliquity = 23°43'27, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'29, Lahiri = - 7°27'28 Julian Calendar 1 March 254 BCE == Greg. Calendar 25 Feb. 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

APRIL 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 18 46	6♈24'47	9♈57	27♈ 1	20♒20	19♉14	4♉23	3°R 2	19♓45	0♉ 2	4°R25	18°R15	16♌42	4♉49	n.a.	T 1
W 2	12 22 43	7°22'51	21°54	28° 6	21°18	19°52	4°36	2♏58	19°48	0° 4	4♍24	18♌ 6	16°39	4°55	n.a.	W 2
T 3	12 26 40	8°20'54	3♉48	29° 6	22°16	20°30	4°49	2°54	19°52	0° 6	4°23	17°56	16°36	5° 2	n.a.	T 3
F 4	12 30 36	9°18'55	15°39	0♉ 1	23°15	21° 8	5° 2	2°51	19°55	0° 8	4°21	17°47	16°33	5° 9	n.a.	F 4
S 5	12 34 33	10°16'54	27°31	0°51	24°15	21°46	5°15	2°47	19°58	0°11	4°20	17°38	16°30	5°15	n.a.	S 5
S 6	12 38 29	11°14'52	9♊26	1°36	25°14	22°24	5°29	2°43	20° 2	0°13	4°19	17°32	16°26	5°22	n.a.	S 6
M 7	12 42 26	12°12'47	21°28	2°16	26°14	23° 2	5°42	2°39	20° 5	0°15	4°18	17°27	16°23	5°29	n.a.	M 7
T 8	12 46 22	13°10'41	3♋40	2°51	27°15	23°40	5°55	2°35	20° 8	0°17	4°16	17°25	16°20	5°36	n.a.	T 8
W 9	12 50 19	14° 8'32	16° 8	3°21	28°15	24°18	6° 9	2°31	20°11	0°19	4°15	17°D24	16°17	5°42	n.a.	W 9
T 10	12 54 15	15° 6'22	28°56	3°46	29°16	24°56	6°22	2°27	20°14	0°21	4°14	17°25	16°14	5°49	n.a.	T 10
F 11	12 58 12	16° 4'10	12♌ 8	4° 5	0♓17	25°34	6°36	2°23	20°18	0°24	4°13	17°R26	16°11	5°56	n.a.	F 11
S 12	13 2 9	17° 1'56	25°47	4°20	1°19	26°12	6°49	2°18	20°21	0°26	4°12	17°25	16° 7	6° 3	n.a.	S 12
S 13	13 6 5	17°59'41	9♍56	4°29	2°21	26°50	7° 3	2°14	20°24	0°28	4°11	17°23	16° 4	6° 9	n.a.	S 13
M14	13 10 2	18°57'23	24°31	4°R34	3°23	27°27	7°16	2°10	20°27	0°30	4°10	17°19	16° 1	6°16	n.a.	M14
T 15	13 13 58	19°55'04	9♎30	4°34	4°25	28° 5	7°30	2° 6	20°30	0°32	4° 9	17°13	15°58	6°23	n.a.	T 15
W16	13 17 55	20°52'44	24°43	4°28	5°28	28°43	7°43	2° 1	20°33	0°35	4° 8	17° 4	15°55	6°29	n.a.	W16
T 17	13 21 51	21°50'22	10♏ 0	4°19	6°31	29°21	7°57	1°57	20°36	0°37	4° 7	16°55	15°52	6°36	n.a.	T 17
F 18	13 25 48	22°47'59	25°10	4° 5	7°34	29°59	8°11	1°53	20°39	0°39	4° 6	16°46	15°48	6°43	n.a.	F 18
S 19	13 29 44	23°45'34	10♐ 3	3°47	8°37	0♊37	8°24	1°48	20°42	0°41	4° 5	16°38	15°45	6°50	n.a.	S 19
S 20	13 33 41	24°43'09	24°32	3°25	9°41	1°15	8°38	1°44	20°45	0°43	4° 4	16°33	15°42	6°56	n.a.	S 20
M21	13 37 38	25°40'43	8♑34	3° 0	10°44	1°53	8°52	1°40	20°48	0°46	4° 3	16°29	15°39	7° 3	n.a.	M21
T 22	13 41 34	26°38'15	22° 9	2°32	11°48	2°31	9° 5	1°35	20°51	0°48	4° 2	16°D28	15°36	7°10	n.a.	T 22
W23	13 45 31	27°35'47	5♒19	2° 2	12°52	3° 9	9°19	1°31	20°54	0°50	4° 1	16°28	15°32	7°16	n.a.	W23
T 24	13 49 27	28°33'17	18° 6	1°30	13°57	3°47	9°33	1°26	20°57	0°52	4° 0	16°R28	15°29	7°23	n.a.	T 24
F 25	13 53 24	29°30'47	0♓36	0°56	15° 1	4°24	9°47	1°22	21° 0	0°55	4° 0	16°28	15°26	7°30	n.a.	F 25
S 26	13 57 20	0♉28'16	12°52	0°22	16° 6	5° 2	10° 0	1°18	21° 3	0°57	3°59	16°25	15°23	7°37	n.a.	S 26
S 27	14 1 17	1°25'43	24°59	29♈48	17°11	5°40	10°14	1°13	21° 5	0°59	3°58	16°20	15°20	7°43	n.a.	S 27
M28	14 5 13	2°23'10	6♈59	29°15	18°16	6°18	10°28	1° 9	21° 8	1° 1	3°57	16°11	15°17	7°50	n.a.	M28
T 29	14 9 10	3°20'36	18°54	28°42	19°22	6°56	10°42	1° 4	21°11	1° 4	3°57	16° 1	15°13	7°57	n.a.	T 29
W30	14 13 6	4♉18'01	0♉47	28♈12	20♓27	7♊34	10♉56	1♏ 0	21♓14	1♉ 6	3♍56	15♌48	15♌10	8♉ 4	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n35	0n18	4s 1	13n 4	2n44	14s29	0n25	18n37	0n55	12n26	0s45	10s18	2n31	4s45	0s43	9n53	1s52	25n53	17n12	15n33	16n 1	8n32		n.a.
W 2	2 58	4 23	4 35	13 31	2 47	14 16	0 19	18 48	0 56	12 30	0 45	10 17	2 32	4 44	0 43	9 53	1 52	25 53	17 11	15 35	16 2	8 34		n.a.
T 3	3 21	8 17	4 57	13 55	2 49	14 3	0 13	18 59	0 56	12 35	0 45	10 15	2 32	4 43	0 43	9 54	1 52	25 54	17 11	15 38	16 3	8 36		n.a.
F 4	3 44	11 51	5 6	14 16	2 51	13 49	0 7	19 9	0 56	12 39	0 45	10 14	2 32	4 41	0 43	9 55	1 52	25 54	17 11	15 41	16 4	8 38		n.a.
S 5	4 7	14 57	5 1	14 34	2 51	13 34	0 1	19 20	0 57	12 44	0 44	10 12	2 32	4 40	0 43	9 56	1 52	25 54	17 11	15 44	16 5	8 40		n.a.
S 6	4 30	17 27	4 44	14 49	2 50	13 20	0s 4	19 30	0 57	12 49	0 44	10 11	2 32	4 39	0 43	9 56	1 52	25 54	17 10	15 46	16 6	8 42		n.a.
M 7	4 53	19 13	4 14	15 2	2 48	13 4	0 10	19 40	0 57	12 53	0 44	10 10	2 32	4 38	0 43	9 57	1 52	25 55	17 10	15 47	16 7	8 45		n.a.
T 8	5 16	20 8	3 32	15 12	2 46	12 48	0 15	19 50	0 57	12 58	0 44	10 8	2 32	4 36	0 43	9 58	1 52	25 55	17 10	15 48	16 8	8 47		n.a.
W 9	5 38	20 6	2 39	15 18	2 42	12 32	0 20	20 0	0 58	13 2	0 44	10 7	2 32	4 35	0 43	9 59	1 51	25 55	17 9	15 48	16 9	8 49		n.a.
T 10	6 1	19 2	1 37	15 22	2 36	12 15	0 25	20 10	0 58	13 7	0 44	10 5	2 32	4 34	0 43	10 0	1 51	25 55	17 9	15 48	16 10	8 51		n.a.
F 11	6 24	16 54	0 28	15 23	2 30	11 58	0 30	20 19	0 58	13 11	0 44	10 4	2 32	4 33	0 43	10 0	1 51	25 55	17 9	15 48	16 11	8 53		n.a.
S 12	6 46	13 46	0n45	15 21	2 23	11 41	0 35	20 29	0 59	13 16	0 44	10 2	2 32	4 31	0 43	10 1	1 51	25 55	17 8	15 48	16 12	8 55		n.a.
S 13	7 8	9 45	1 57	15 17	2 14	11 23	0 40	20 38	0 59	13 21	0 43	10 1	2 32	4 30	0 43	10 2	1 51	25 55	17 8	15 48	16 12	8 57		n.a.
M14	7 31	5 1	3 4	15 9	2 5	11 4	0 44	20 47	0 59	13 25	0 43	9 59	2 32	4 29	0 43	10 3	1 51	25 55	17 8	15 50	16 13	8 59		n.a.
T 15	7 53	0s 8	4 1	14 59	1 54	10 45	0 49	20 56	1 0	13 30	0 43	9 58	2 32	4 28	0 43	10 4	1 51	25 56	17 7	15 52	16 14	9 1		n.a.
W16	8 15	5 20	4 41	14 46	1 42	10 26	0 53	21 5	1 0	13 34	0 43	9 56	2 32	4 26	0 43	10 4	1 51	25 56	17 7	15 54	16 15	9 3		n.a.
T 17	8 36	10 14	5 1	14 31	1 30	10 7	0 57	21 14	1 0	13 39	0 43	9 55	2 32	4 25	0 43	10 5	1 51	25 56	17 7	15 57	16 16	9 5		n.a.
F 18	8 58	14 26	5 0	14 13	1 16	9 47	1 1	21 22	1 0	13 43	0 43	9 53	2 32	4 24	0 43	10 6	1 51	25 56	17 6	16 0	16 17	9 7		n.a.
S 19	9 20	17 38	4 38	13 53	1 2	9 26	1 5	21 31	1 1	13 48	0 43	9 52	2 32	4 23	0 43	10 7	1 51	25 56	17 6	16 2	16 18	9 9		n.a.
S 20	9 41	19 37	3 59	13 31	0 46	9 6	1 9	21 39	1 1	13 53	0 43	9 50	2 32	4 22	0 43	10 8	1 51	25 56	17 5	16 4	16 19	9 11		n.a.
M21	10 2	20 20	3 7	13 8	0 30	8 45	1 13	21 47	1 1	13 57	0 42	9 49	2 32	4 20	0 43	10 8	1 51	25 56	17 5	16 5	16 20	9 13		n.a.
T 22	10 24	19 49	2 5	12 43	0 14	8 23	1 16	21 55	1 1	14 2	0 42	9 47	2 32	4 19	0 43	10 9	1 51	25 56	17 5	16 5	16 21	9 15		n.a.
W23	10 44	18 13	0 59	12 16	0s 3	8 2	1 20	22 3	1 2	14 6	0 42	9 46	2 32	4 18	0 43	10 10	1 51	25 55	17 4	16 5	16 22	9 17		n.a.
T 24	11 5	15 43	0s 9	11 49	0 20	7 40	1 23	22 10	1 2	14 11	0 42	9 44	2 32	4 17	0 43	10 11	1 51	25 55	17 4	16 5	16 23	9 20		n.a.
F 25	11 26	12 33	1 14	11 21	0 38	7 17	1 26	22 18	1 2	14 15	0 42	9 43	2 32	4 16	0 43	10 12	1 51	25 55	17 3	16 5	16 24	9 22		n.a.
S 26	11 46	8 53	2 15	10 53	0 55	6 55	1 29	22 25	1 2	14 20	0 42	9 41	2 32	4 15	0 43	10 12	1 51	25 55	17 3	16 6	16 25	9 24		n.a.
S 27	12 7	4 54	3 9	10 25	1 12	6 32	1 32	22 32	1 3	14 24	0 42	9 40	2 32	4 14	0 43	10 13	1 51	25 55	17 2	16 8	16 26	9 26		n.a.
M28	12 27	0 46	3 54	9 58	1 28	6 9	1 35	22 39	1 3	14 29	0 42	9 38	2 32	4 13	0 43	10 14	1 51	25 55	17 2	16 10	16 27	9 28		n.a.
T 29	12 47	3n22	4 28	9 31	1 44	5 46	1 38	22 46	1 3	14 33	0 42	9 37	2 32	4 12	0 43	10 15	1 51	25 55	17 2	16 14	16 28	9 30		n.a.
W30	13n 6	7n21	4s50	9n 6	2s 0	5s22	1s41	22n52	1n 3	14n38	0s41	9s35	2n32	4s10	0s43	10n15	1s51	25n55	17n 1	16n17	16n29	9n32		n.a.

Julian Day Number = 1628739.5, Delta T = 03h43m10s
Ecliptic obliquity = 23°43'28, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'25, Lahiri = - 7°27'24 Julian Calendar 1 Apr. 254 BCE == Greg. Calendar 28 March 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

MAY 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 17 3	5♉15'25	12♉38	27°R43	21♓33	8♊12	11♉ 9	0°R55	21♓16	1♉ 8	3°R56	15°R34	15♌ 7	8♉10	n.a.	T 1
F 2	14 21 0	6°12'47	24°31	27♈17	22°39	8°49	11°23	0♏51	21°19	1°10	3♍55	15♌21	15° 4	8°17	n.a.	F 2
S 3	14 24 56	7°10'09	6♊25	26°54	23°44	9°27	11°37	0°47	21°22	1°13	3°54	15° 8	15° 1	8°24	n.a.	S 3
S 4	14 28 53	8° 7'30	18°23	26°34	24°51	10° 5	11°51	0°42	21°24	1°15	3°54	14°58	14°58	8°30	n.a.	S 4
M 5	14 32 49	9° 4'50	0♋28	26°18	25°57	10°43	12° 5	0°38	21°27	1°17	3°54	14°51	14°54	8°37	n.a.	M 5
T 6	14 36 46	10° 2'08	12°42	26° 6	27° 3	11°21	12°19	0°34	21°29	1°19	3°53	14°46	14°51	8°44	n.a.	T 6
W 7	14 40 42	10°59'26	25°10	25°58	28°10	11°59	12°33	0°29	21°32	1°22	3°53	14°44	14°48	8°51	n.a.	W 7
T 8	14 44 39	11°56'42	7♌55	25°D54	29°16	12°36	12°46	0°25	21°34	1°24	3°52	14°44	14°45	8°57	n.a.	T 8
F 9	14 48 36	12°53'57	21° 2	25°55	0♈23	13°14	13° 0	0°21	21°37	1°26	3°52	14°44	14°42	9° 4	n.a.	F 9
S 10	14 52 32	13°51'12	4♍34	26° 1	1°30	13°52	13°14	0°16	21°39	1°28	3°52	14°43	14°38	9°11	n.a.	S 10
S 11	14 56 29	14°48'25	18°35	26°10	2°37	14°30	13°28	0°12	21°42	1°30	3°51	14°40	14°35	9°17	n.a.	S 11
M12	15 0 25	15°45'37	3♎ 3	26°25	3°44	15° 8	13°42	0° 8	21°44	1°33	3°51	14°35	14°32	9°24	n.a.	M12
T 13	15 4 22	16°42'48	17°56	26°44	4°51	15°46	13°56	0° 4	21°46	1°35	3°51	14°28	14°29	9°31	n.a.	T 13
W14	15 8 18	17°39'59	3♏ 7	27° 7	5°59	16°23	14°10	29♎59	21°48	1°37	3°51	14°18	14°26	9°38	n.a.	W14
T 15	15 12 15	18°37'09	18°26	27°35	7° 6	17° 1	14°23	29°56	21°51	1°39	3°51	14° 8	14°23	9°44	n.a.	T 15
F 16	15 16 11	19°34'18	3♐43	28° 7	8°14	17°39	14°37	29°52	21°53	1°41	3°50	13°57	14°19	9°51	n.a.	F 16
S 17	15 20 8	20°31'28	18°45	28°43	9°22	18°17	14°51	29°48	21°55	1°43	3°50	13°48	14°16	9°58	n.a.	S 17
S 18	15 24 5	21°28'36	3♑24	29°24	10°30	18°55	15° 5	29°44	21°57	1°46	3°50	13°42	14°13	10° 5	n.a.	S 18
M19	15 28 1	22°25'45	17°35	0♉ 9	11°38	19°32	15°19	29°40	21°59	1°48	3°D50	13°38	14°10	10°11	n.a.	M19
T 20	15 31 58	23°22'53	1♒17	0°58	12°46	20°10	15°32	29°36	22° 1	1°50	3°50	13°36	14° 7	10°18	n.a.	T 20
W21	15 35 54	24°20'01	14°30	1°51	13°54	20°48	15°46	29°32	22° 3	1°52	3°50	13°D35	14° 3	10°25	n.a.	W21
T 22	15 39 51	25°17'09	27°19	2°48	15° 2	21°26	16° 0	29°28	22° 5	1°54	3°50	13°R35	14° 0	10°31	n.a.	T 22
F 23	15 43 47	26°14'17	9♓48	3°48	16°11	22° 4	16°14	29°25	22° 7	1°56	3°50	13°35	13°57	10°38	n.a.	F 23
S 24	15 47 44	27°11'25	22° 1	4°53	17°19	22°41	16°27	29°21	22° 9	1°58	3°51	13°32	13°54	10°45	n.a.	S 24
S 25	15 51 40	28° 8'33	4♈ 3	6° 1	18°28	23°19	16°41	29°17	22°11	2° 0	3°51	13°28	13°51	10°52	n.a.	S 25
M26	15 55 37	29° 5'41	15°58	7°13	19°36	23°57	16°55	29°14	22°13	2° 2	3°51	13°20	13°48	10°58	n.a.	M26
T 27	15 59 34	0♊ 2'49	27°50	8°29	20°45	24°35	17° 8	29°10	22°14	2° 4	3°51	13°10	13°44	11° 5	n.a.	T 27
W28	16 3 30	0°59'57	9♉41	9°48	21°54	25°13	17°22	29° 7	22°16	2° 6	3°51	12°58	13°41	11°12	n.a.	W28
T 29	16 7 27	1°57'05	21°34	11°11	23° 3	25°50	17°36	29° 3	22°18	2° 8	3°52	12°46	13°38	11°19	n.a.	T 29
F 30	16 11 23	2°54'12	3♊30	12°37	24°12	26°28	17°49	29° 0	22°19	2°10	3°52	12°33	13°35	11°25	n.a.	F 30
S 31	16 15 20	3♊51'20	15♊30	14♉ 7	25♈21	27♊ 6	18♉ 3	28♎57	22♓21	2♉12	3♍52	12♌22	13♌32	11♉32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13n26	11n 4	5s 0	8n42	2s14	4s58	1s43	22n59	1n 3	14n42	0s41	9s34	2n32	4s 9	0s43	10n16	1s51	25n54	17n 1	16n22	16n30	9n34			n.a.
F 2	13 45	14 20	4 56	8 20	2 28	4 34	1 46	23 5	1 4	14 46	0 41	9 32	2 32	4 8	0 43	10 17	1 51	25 54	17 0	16 26	16 31	9 36			n.a.
S 3	14 4	17 2	4 40	7 59	2 41	4 10	1 48	23 11	1 4	14 51	0 41	9 31	2 32	4 7	0 43	10 18	1 51	25 54	17 0	16 29	16 32	9 38			n.a.
S 4	14 23	19 2	4 11	7 41	2 53	3 45	1 50	23 17	1 4	14 55	0 41	9 29	2 32	4 6	0 43	10 19	1 51	25 54	16 59	16 32	16 32	9 40			n.a.
M 5	14 42	20 12	3 31	7 26	3 3	3 20	1 52	23 23	1 4	15 0	0 41	9 28	2 32	4 5	0 43	10 19	1 51	25 54	16 59	16 34	16 33	9 42			n.a.
T 6	15 0	20 27	2 41	7 12	3 13	2 56	1 54	23 28	1 4	15 4	0 41	9 26	2 32	4 4	0 43	10 20	1 51	25 53	16 58	16 36	16 34	9 44			n.a.
W 7	15 18	19 42	1 41	7 2	3 21	2 30	1 56	23 34	1 5	15 8	0 41	9 25	2 31	4 3	0 43	10 21	1 51	25 53	16 58	16 36	16 35	9 46			n.a.
T 8	15 36	17 56	0 36	6 54	3 28	2 5	1 58	23 39	1 5	15 13	0 41	9 24	2 31	4 2	0 43	10 22	1 51	25 53	16 57	16 37	16 36	9 48			n.a.
F 9	15 54	15 11	0n33	6 48	3 34	1 40	1 59	23 44	1 5	15 17	0 41	9 22	2 31	4 1	0 43	10 22	1 51	25 52	16 57	16 37	16 37	9 50			n.a.
S 10	16 11	11 32	1 43	6 46	3 39	1 14	2 1	23 49	1 5	15 21	0 41	9 21	2 31	4 1	0 43	10 23	1 51	25 52	16 56	16 37	16 38	9 52			n.a.
S 11	16 28	7 9	2 49	6 46	3 43	0 49	2 2	23 54	1 5	15 26	0 40	9 19	2 31	4 0	0 43	10 24	1 51	25 52	16 56	16 38	16 39	9 54			n.a.
M12	16 45	2 13	3 46	6 48	3 46	0 23	2 3	23 58	1 6	15 30	0 40	9 18	2 31	3 59	0 43	10 25	1 51	25 51	16 55	16 39	16 40	9 56			n.a.
T 13	17 2	2s58	4 29	6 54	3 47	0n 3	2 4	24 3	1 6	15 34	0 40	9 17	2 31	3 58	0 43	10 25	1 51	25 51	16 55	16 41	16 41	9 58			n.a.
W14	17 18	8 5	4 55	7 2	3 48	0 29	2 5	24 7	1 6	15 38	0 40	9 15	2 31	3 57	0 43	10 26	1 51	25 51	16 54	16 44	16 42	10 0			n.a.
T 15	17 34	12 43	5 0	7 12	3 47	0 55	2 6	24 11	1 6	15 43	0 40	9 14	2 31	3 56	0 43	10 27	1 51	25 50	16 54	16 47	16 43	10 2			n.a.
F 16	17 50	16 31	4 43	7 25	3 46	1 22	2 7	24 15	1 6	15 47	0 40	9 13	2 30	3 55	0 43	10 28	1 51	25 50	16 53	16 50	16 44	10 4			n.a.
S 17	18 6	19 8	4 7	7 40	3 44	1 48	2 8	24 18	1 6	15 51	0 40	9 11	2 30	3 54	0 43	10 28	1 51	25 49	16 53	16 53	16 45	10 6			n.a.
S 18	18 21	20 26	3 15	7 58	3 40	2 14	2 9	24 22	1 7	15 55	0 40	9 10	2 30	3 54	0 43	10 29	1 51	25 49	16 52	16 55	16 46	10 9			n.a.
M19	18 36	20 21	2 13	8 17	3 36	2 40	2 9	24 25	1 7	15 59	0 40	9 9	2 30	3 53	0 43	10 30	1 51	25 48	16 52	16 56	16 46	10 11			n.a.
T 20	18 50	19 4	1 5	8 39	3 31	3 7	2 9	24 28	1 7	16 3	0 40	9 8	2 30	3 52	0 43	10 31	1 51	25 48	16 51	16 56	16 47	10 13			n.a.
W21	19 5	16 45	0s 5	9 2	3 26	3 33	2 10	24 31	1 7	16 7	0 40	9 6	2 30	3 51	0 44	10 31	1 51	25 48	16 51	16 57	16 48	10 15			n.a.
T 22	19 19	13 40	1 12	9 28	3 20	4 0	2 10	24 34	1 7	16 12	0 40	9 5	2 30	3 50	0 44	10 32	1 51	25 47	16 50	16 57	16 49	10 17			n.a.
F 23	19 32	10 3	2 14	9 55	3 13	4 26	2 10	24 36	1 7	16 16	0 39	9 4	2 29	3 50	0 44	10 33	1 52	25 47	16 50	16 57	16 50	10 19			n.a.
S 24	19 46	6 5	3 8	10 24	3 5	4 53	2 10	24 38	1 7	16 20	0 39	9 3	2 29	3 49	0 44	10 33	1 52	25 46	16 49	16 57	16 51	10 21			n.a.
S 25	19 59	1 56	3 54	10 54	2 57	5 19	2 10	24 41	1 8	16 24	0 39	9 2	2 29	3 48	0 44	10 34	1 52	25 45	16 49	16 59	16 52	10 23			n.a.
M26	20 12	2n14	4 28	11 26	2 48	5 45	2 10	24 43	1 8	16 28	0 39	9 1	2 29	3 48	0 44	10 35	1 52	25 45	16 48	17 1	16 53	10 25			n.a.
T 27	20 24	6 19	4 51	12 0	2 39	6 12	2 10	24 44	1 8	16 32	0 39	9 0	2 29	3 47	0 44	10 36	1 52	25 44	16 48	17 4	16 54	10 27			n.a.
W28	20 36	10 8	5 1	12 34	2 29	6 38	2 9	24 46	1 8	16 36	0 39	8 59	2 29	3 46	0 44	10 36	1 52	25 44	16 47	17 7	16 55	10 29			n.a.
T 29	20 48	13 35	4 58	13 10	2 19	7 4	2 9	24 47	1 8	16 40	0 39	8 58	2 28	3 46	0 44	10 37	1 52	25 43	16 47	17 11	16 56	10 31			n.a.
F 30	20 59	16 30	4 42	13 47	2 8	7 30	2 8	24 49	1 8	16 43	0 39	8 57	2 28	3 45	0 44	10 38	1 52	25 43	16 46	17 14	16 57	10 33			n.a.
S 31	21n10	18n44	4s13	14n24	1s57	7n57	2s 8	24n50	1n 8	16n47	0s39	8s56	2n28	3s44	0s44	10n38	1s52	25n42	16n46	17n18	16n58	10n35			n.a.

Julian Day Number = 1628769.5, Delta T = 03h43m09s
Ecliptic obliquity = 23°43'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'21, Lahiri = - 7°27'20 Julian Calendar 1 May 254 BCE == Greg. Calendar 27 Apr. 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

JUNE 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 19 16	4♊48'28	27♊36	15♉41	26♈30	27♊44	18♉16	28°R54	22♓22	2♉14	3♍53	12°R12	13♌29	11♉39	n.a.	S 1
M 2	16 23 13	5°45'36	9♋50	17°17	27°40	28°22	18°30	28♎51	22°24	2°16	3°53	12♌ 5	13°25	11°45	n.a.	M 2
T 3	16 27 9	6°42'43	22°12	18°57	28°49	28°59	18°43	28°48	22°25	2°18	3°54	12° 1	13°22	11°52	n.a.	T 3
W 4	16 31 6	7°39'51	4♌47	20°40	29°58	29°37	18°57	28°45	22°27	2°20	3°54	11°59	13°19	11°59	n.a.	W 4
T 5	16 35 3	8°36'58	17°37	22°27	1♉ 8	0♋15	19°10	28°42	22°28	2°22	3°55	11°D59	13°16	12° 6	n.a.	T 5
F 6	16 38 59	9°34'05	0♍44	24°16	2°18	0°53	19°24	28°39	22°29	2°24	3°55	12° 0	13°13	12°12	n.a.	F 6
S 7	16 42 56	10°31'12	14°13	26° 8	3°27	1°31	19°37	28°36	22°31	2°26	3°56	12°R 0	13° 9	12°19	n.a.	S 7
S 8	16 46 52	11°28'19	28° 5	28° 3	4°37	2° 9	19°50	28°34	22°32	2°28	3°57	11°59	13° 6	12°26	n.a.	S 8
M 9	16 50 49	12°25'26	12♎22	0♊ 1	5°47	2°46	20° 4	28°31	22°33	2°30	3°57	11°56	13° 3	12°32	n.a.	M 9
T 10	16 54 45	13°22'33	27° 0	2° 1	6°57	3°24	20°17	28°28	22°34	2°31	3°58	11°50	13° 0	12°39	n.a.	T 10
W11	16 58 42	14°19'40	11♏56	4° 2	8° 7	4° 2	20°30	28°26	22°35	2°33	3°59	11°43	12°57	12°46	n.a.	W11
T 12	17 2 38	15°16'47	27° 2	6° 6	9°17	4°40	20°43	28°24	22°36	2°35	4° 0	11°35	12°54	12°53	n.a.	T 12
F 13	17 6 35	16°13'54	12♐ 8	8°11	10°27	5°18	20°56	28°21	22°37	2°37	4° 0	11°27	12°50	12°59	n.a.	F 13
S 14	17 10 32	17°11'02	27° 4	10°18	11°37	5°56	21°10	28°19	22°38	2°38	4° 1	11°20	12°47	13° 6	n.a.	S 14
S 15	17 14 28	18° 8'11	11♑42	12°25	12°48	6°34	21°23	28°17	22°39	2°40	4° 2	11°15	12°44	13°13	n.a.	S 15
M16	17 18 25	19° 5'20	25°56	14°33	13°58	7°11	21°36	28°15	22°40	2°42	4° 3	11°12	12°41	13°20	n.a.	M16
T 17	17 22 21	20° 2'30	9♒42	16°42	15° 8	7°49	21°49	28°13	22°41	2°43	4° 4	11°D11	12°38	13°26	n.a.	T 17
W18	17 26 18	20°59'40	23° 0	18°50	16°19	8°27	22° 1	28°11	22°42	2°45	4° 5	11°11	12°35	13°33	n.a.	W18
T 19	17 30 14	21°56'51	5♓53	20°58	17°29	9° 5	22°14	28°10	22°42	2°47	4° 6	11°12	12°31	13°40	n.a.	T 19
F 20	17 34 11	22°54'03	18°25	23° 6	18°40	9°43	22°27	28° 8	22°43	2°48	4° 7	11°R13	12°28	13°46	n.a.	F 20
S 21	17 38 8	23°51'16	0♈40	25°13	19°51	10°21	22°40	28° 6	22°44	2°50	4° 8	11°13	12°25	13°53	n.a.	S 21
S 22	17 42 4	24°48'30	12°42	27°19	21° 2	10°59	22°53	28° 5	22°44	2°51	4° 9	11°11	12°22	14° 0	n.a.	S 22
M23	17 46 1	25°45'45	24°37	29°24	22°12	11°37	23° 5	28° 4	22°45	2°53	4°10	11° 7	12°19	14° 7	n.a.	M23
T 24	17 49 57	26°43'01	6♉29	1♋28	23°23	12°15	23°18	28° 2	22°45	2°54	4°11	11° 2	12°15	14°13	n.a.	T 24
W25	17 53 54	27°40'18	18°21	3°30	24°34	12°53	23°30	28° 1	22°46	2°56	4°12	10°55	12°12	14°20	n.a.	W25
T 26	17 57 50	28°37'35	0♊17	5°32	25°46	13°31	23°43	28° 0	22°46	2°57	4°13	10°47	12° 9	14°27	n.a.	T 26
F 27	18 1 47	29°34'54	12°18	7°31	26°57	14° 9	23°55	27°59	22°46	2°59	4°15	10°40	12° 6	14°34	n.a.	F 27
S 28	18 5 43	0♋32'14	24°27	9°30	28° 8	14°46	24° 8	27°58	22°47	3° 0	4°16	10°33	12° 3	14°40	n.a.	S 28
S 29	18 9 40	1°29'35	6♋45	11°26	29°19	15°24	24°20	27°57	22°47	3° 2	4°17	10°27	12° 0	14°47	n.a.	S 29
M30	18 13 37	2♋26'56	19♋12	13♋21	0♊30	16♋ 2	24♉32	27♎56	22♓47	3♉ 3	4♍18	10♌24	11♌56	14♉54	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n21	20n 9	3s33	15n 2	1s46	8n22	2s 7	24n51	1n 8	16n51	0s39	8s55	2n28	3s44	0s44	10n39	1s52	25n41	16n45	17n20	16n59	10n37		n.a.
M 2	21 31	20 40	2 42	15 41	1 34	8 48	2 6	24 51	1 8	16 55	0 39	8 54	2 28	3 43	0 44	10 39	1 52	25 41	16 45	17 22	16 59	10 39		n.a.
T 3	21 41	20 10	1 43	16 20	1 23	9 14	2 5	24 52	1 9	16 59	0 39	8 53	2 27	3 43	0 44	10 40	1 52	25 40	16 44	17 23	17 0	10 41		n.a.
W 4	21 51	18 41	0 38	17 0	1 11	9 40	2 4	24 52	1 9	17 3	0 39	8 52	2 27	3 42	0 44	10 41	1 52	25 39	16 44	17 24	17 1	10 43		n.a.
T 5	22 0	16 13	0n30	17 39	0 59	10 5	2 3	24 52	1 9	17 6	0 39	8 51	2 27	3 42	0 44	10 41	1 52	25 39	16 43	17 24	17 2	10 45		n.a.
F 6	22 9	12 52	1 38	18 19	0 47	10 30	2 2	24 52	1 9	17 10	0 39	8 50	2 27	3 41	0 44	10 42	1 52	25 38	16 43	17 24	17 3	10 47		n.a.
S 7	22 17	8 47	2 43	18 57	0 35	10 55	2 1	24 52	1 9	17 14	0 38	8 49	2 27	3 41	0 44	10 43	1 52	25 37	16 42	17 24	17 4	10 49		n.a.
S 8	22 26	4 8	3 40	19 36	0 23	11 20	2 0	24 51	1 9	17 17	0 38	8 49	2 26	3 40	0 44	10 43	1 52	25 37	16 42	17 24	17 5	10 51		n.a.
M 9	22 33	0s52	4 26	20 13	0 11	11 45	1 58	24 51	1 9	17 21	0 38	8 48	2 26	3 40	0 44	10 44	1 52	25 36	16 41	17 25	17 6	10 53		n.a.
T 10	22 41	5 57	4 55	20 49	0n 0	12 9	1 57	24 50	1 9	17 25	0 38	8 47	2 26	3 39	0 44	10 44	1 52	25 35	16 41	17 27	17 7	10 55		n.a.
W11	22 47	10 46	5 5	21 24	0 12	12 34	1 55	24 49	1 9	17 28	0 38	8 47	2 26	3 39	0 44	10 45	1 52	25 34	16 40	17 29	17 8	10 57		n.a.
T 12	22 54	14 57	4 54	21 57	0 22	12 58	1 54	24 48	1 9	17 32	0 38	8 46	2 25	3 39	0 44	10 46	1 52	25 34	16 40	17 31	17 9	10 59		n.a.
F 13	23 0	18 10	4 23	22 28	0 33	13 21	1 52	24 46	1 9	17 35	0 38	8 45	2 25	3 38	0 44	10 46	1 52	25 33	16 39	17 33	17 9	11 1		n.a.
S 14	23 6	20 8	3 34	22 58	0 43	13 45	1 50	24 45	1 9	17 39	0 38	8 45	2 25	3 38	0 44	10 47	1 52	25 32	16 39	17 35	17 10	11 3		n.a.
S 15	23 11	20 41	2 31	23 25	0 52	14 8	1 49	24 43	1 10	17 42	0 38	8 44	2 25	3 38	0 44	10 47	1 52	25 31	16 38	17 37	17 11	11 5		n.a.
M16	23 16	19 53	1 21	23 49	1 1	14 31	1 47	24 41	1 10	17 46	0 38	8 44	2 25	3 37	0 44	10 48	1 52	25 31	16 38	17 37	17 12	11 7		n.a.
T 17	23 21	17 54	0 8	24 11	1 9	14 54	1 45	24 39	1 10	17 49	0 38	8 43	2 24	3 37	0 44	10 48	1 52	25 30	16 37	17 38	17 13	11 9		n.a.
W18	23 25	15 0	1s 3	24 31	1 16	15 16	1 43	24 37	1 10	17 53	0 38	8 43	2 24	3 37	0 44	10 49	1 52	25 29	16 37	17 38	17 14	11 11		n.a.
T 19	23 29	11 27	2 9	24 47	1 23	15 38	1 41	24 34	1 10	17 56	0 38	8 43	2 24	3 36	0 44	10 49	1 52	25 28	16 36	17 37	17 15	11 13		n.a.
F 20	23 32	7 30	3 7	25 1	1 29	16 0	1 39	24 31	1 10	18 0	0 38	8 42	2 24	3 36	0 44	10 50	1 52	25 27	16 36	17 37	17 16	11 15		n.a.
S 21	23 35	3 19	3 55	25 12	1 34	16 21	1 37	24 29	1 10	18 3	0 38	8 42	2 23	3 36	0 45	10 50	1 53	25 27	16 35	17 37	17 17	11 17		n.a.
S 22	23 37	0n55	4 31	25 20	1 38	16 42	1 35	24 26	1 10	18 6	0 38	8 42	2 23	3 36	0 45	10 51	1 53	25 26	16 35	17 38	17 18	11 19		n.a.
M23	23 39	5 4	4 56	25 25	1 42	17 3	1 32	24 22	1 10	18 9	0 38	8 41	2 23	3 36	0 45	10 51	1 53	25 25	16 34	17 39	17 19	11 21		n.a.
T 24	23 41	9 0	5 7	25 28	1 45	17 23	1 30	24 19	1 10	18 13	0 38	8 41	2 23	3 35	0 45	10 52	1 53	25 24	16 34	17 40	17 19	11 23		n.a.
W25	23 42	12 36	5 6	25 28	1 47	17 43	1 28	24 15	1 10	18 16	0 38	8 41	2 22	3 35	0 45	10 52	1 53	25 23	16 33	17 42	17 20	11 25		n.a.
T 26	23 43	15 43	4 51	25 25	1 49	18 3	1 26	24 11	1 10	18 19	0 38	8 41	2 22	3 35	0 45	10 53	1 53	25 22	16 33	17 44	17 21	11 27		n.a.
F 27	23 43	18 11	4 23	25 20	1 50	18 22	1 23	24 8	1 10	18 22	0 38	8 41	2 22	3 35	0 45	10 53	1 53	25 21	16 32	17 46	17 22	11 29		n.a.
S 28	23 43	19 53	3 43	25 13	1 50	18 40	1 21	24 3	1 10	18 25	0 38	8 40	2 22	3 35	0 45	10 54	1 53	25 21	16 32	17 48	17 23	11 31		n.a.
S 29	23 43	20 41	2 52	25 3	1 50	18 58	1 18	23 59	1 10	18 28	0 37	8 40	2 21	3 35	0 45	10 54	1 53	25 20	16 32	17 50	17 24	11 33		n.a.
M30	23n42	20n28	1s53	24n51	1n49	19n16	1s16	23n55	1n10	18n31	0s37	8s40	2n21	3s35	0s45	10n54	1s53	25n19	16n31	17n51	17n25	11n35		n.a.

Julian Day Number = 1628800.5, Delta T = 03h43m08s
Ecliptic obliquity = 23°43'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'16, Lahiri = - 7°27'16 Julian Calendar 1 June 254 BCE == Greg. Calendar 28 May 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

JULY 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 17 33	3♋24'19	1♌50	15♋15	1♊42	16♋40	24♉45	27°R56	22♓47	3♉ 4	4♍20	10°R22	11♌53	15♉ 0	n.a.	T 1
W 2	18 21 30	4°21'42	14°41	17° 7	2°53	17°18	24°57	27♎55	22°47	3° 6	4°21	10°D21	11°50	15° 7	n.a.	W 2
T 3	18 25 26	5°19'06	27°44	18°57	4° 5	17°56	25° 9	27°55	22°R47	3° 7	4°22	10♌22	11°47	15°14	n.a.	T 3
F 4	18 29 23	6°16'31	11♍ 2	20°46	5°16	18°35	25°21	27°54	22°47	3° 8	4°24	10°24	11°44	15°21	n.a.	F 4
S 5	18 33 19	7°13'57	24°36	22°33	6°28	19°13	25°33	27°54	22°47	3° 9	4°25	10°25	11°41	15°27	n.a.	S 5
S 6	18 37 16	8°11'24	8♎26	24°18	7°40	19°51	25°44	27°54	22°47	3°10	4°27	10°R26	11°37	15°34	n.a.	S 6
M 7	18 41 12	9° 8'51	22°34	26° 2	8°51	20°29	25°56	27°D54	22°47	3°12	4°28	10°25	11°34	15°41	n.a.	M 7
T 8	18 45 9	10° 6'19	6♏57	27°44	10° 3	21° 7	26° 8	27°54	22°46	3°13	4°30	10°23	11°31	15°48	n.a.	T 8
W 9	18 49 6	11° 3'48	21°33	29°25	11°15	21°45	26°20	27°54	22°46	3°14	4°31	10°20	11°28	15°54	n.a.	W 9
T 10	18 53 2	12° 1'18	6♐15	1♌ 4	12°27	22°23	26°31	27°54	22°46	3°15	4°33	10°16	11°25	16° 1	n.a.	T 10
F 11	18 56 59	12°58'50	20°58	2°42	13°39	23° 1	26°43	27°55	22°46	3°16	4°35	10°12	11°21	16° 8	n.a.	F 11
S 12	19 0 55	13°56'22	5♑35	4°18	14°51	23°39	26°54	27°55	22°45	3°17	4°36	10° 9	11°18	16°14	n.a.	S 12
S 13	19 4 52	14°53'56	19°58	5°52	16° 3	24°17	27° 5	27°55	22°45	3°18	4°38	10° 7	11°15	16°21	n.a.	S 13
M14	19 8 48	15°51'31	4♒ 2	7°25	17°15	24°55	27°16	27°56	22°44	3°19	4°39	10°D 6	11°12	16°28	n.a.	M14
T 15	19 12 45	16°49'07	17°44	8°56	18°28	25°33	27°28	27°57	22°44	3°20	4°41	10° 6	11° 9	16°35	n.a.	T 15
W16	19 16 41	17°46'45	1♓ 2	10°26	19°40	26°12	27°39	27°58	22°43	3°21	4°43	10° 7	11° 6	16°41	n.a.	W16
T 17	19 20 38	18°44'25	13°57	11°54	20°52	26°50	27°50	27°58	22°42	3°21	4°45	10° 8	11° 2	16°48	n.a.	T 17
F 18	19 24 35	19°42'06	26°32	13°21	22° 5	27°28	28° 1	27°59	22°42	3°22	4°46	10° 9	10°59	16°55	n.a.	F 18
S 19	19 28 31	20°39'49	8♈49	14°46	23°17	28° 6	28°11	28° 0	22°41	3°23	4°48	10°11	10°56	17° 1	n.a.	S 19
S 20	19 32 28	21°37'34	20°54	16° 9	24°30	28°44	28°22	28° 2	22°40	3°24	4°50	10°R11	10°53	17° 8	n.a.	S 20
M21	19 36 24	22°35'20	2♉51	17°31	25°42	29°23	28°33	28° 3	22°39	3°25	4°52	10°11	10°50	17°15	n.a.	M21
T 22	19 40 21	23°33'08	14°43	18°51	26°55	0♌ 1	28°43	28° 4	22°38	3°25	4°54	10°10	10°47	17°22	n.a.	T 22
W23	19 44 17	24°30'59	26°37	20° 9	28° 8	0°39	28°54	28° 6	22°37	3°26	4°55	10° 8	10°43	17°28	n.a.	W23
T 24	19 48 14	25°28'50	8♊36	21°25	29°21	1°17	29° 4	28° 7	22°37	3°27	4°57	10° 6	10°40	17°35	n.a.	T 24
F 25	19 52 10	26°26'44	20°42	22°40	0♋33	1°56	29°14	28° 9	22°35	3°27	4°59	10° 4	10°37	17°42	n.a.	F 25
S 26	19 56 7	27°24'40	3♋ 0	23°52	1°46	2°34	29°24	28°11	22°34	3°28	5° 1	10° 2	10°34	17°49	n.a.	S 26
S 27	20 0 4	28°22'37	15°30	25° 3	2°59	3°12	29°34	28°13	22°33	3°28	5° 3	10° 0	10°31	17°55	n.a.	S 27
M28	20 4 0	29°20'36	28°14	26°12	4°12	3°51	29°44	28°14	22°32	3°29	5° 5	10° 0	10°27	18° 2	n.a.	M28
T 29	20 7 57	0♌18'37	11♌12	27°18	5°25	4°29	29°54	28°16	22°31	3°29	5° 7	9°D59	10°24	18° 9	n.a.	T 29
W30	20 11 53	1°16'39	24°25	28°22	6°38	5° 8	0♊ 4	28°19	22°30	3°30	5° 9	10° 0	10°21	18°15	n.a.	W30
T 31	20 15 50	2♌14'43	7♍51	29♌24	7♋52	5♌46	0♊13	28♎21	22♓28	3♉30	5♍11	10♌ 0	10♌18	18♉22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n41	19n14	0s46	24n37	1n48	19n33	1s13	23n50	1n10	18n35	0s37	8s40	2n21	3s35	0s45	10n55	1s53	25n18	16n31	17n51	17n26	11n37			n.a.
W 2	23 39	17 0	0n24	24 21	1 45	19 50	1 11	23 45	1 10	18 38	0 37	8 40	2 21	3 35	0 45	10 55	1 53	25 17	16 30	17 51	17 27	11 39			n.a.
T 3	23 37	13 52	1 33	24 4	1 43	20 6	1 8	23 40	1 10	18 40	0 37	8 41	2 20	3 35	0 45	10 56	1 53	25 16	16 30	17 51	17 28	11 41			n.a.
F 4	23 34	9 58	2 40	23 45	1 40	20 22	1 5	23 35	1 10	18 43	0 37	8 41	2 20	3 35	0 45	10 56	1 53	25 15	16 29	17 51	17 28	11 43			n.a.
S 5	23 31	5 30	3 38	23 24	1 36	20 37	1 3	23 29	1 10	18 46	0 37	8 41	2 20	3 35	0 45	10 56	1 53	25 14	16 29	17 50	17 29	11 45			n.a.
S 6	23 28	0 40	4 25	23 1	1 32	20 52	1 0	23 24	1 10	18 49	0 37	8 41	2 20	3 35	0 45	10 57	1 53	25 13	16 29	17 50	17 30	11 47			n.a.
M 7	23 24	4s17	4 58	22 38	1 28	21 6	0 57	23 18	1 10	18 52	0 37	8 41	2 19	3 35	0 45	10 57	1 53	25 12	16 28	17 50	17 31	11 49			n.a.
T 8	23 20	9 5	5 12	22 13	1 23	21 19	0 55	23 12	1 10	18 55	0 37	8 41	2 19	3 35	0 45	10 57	1 53	25 11	16 28	17 51	17 32	11 51			n.a.
W 9	23 15	13 26	5 7	21 47	1 18	21 32	0 52	23 6	1 10	18 58	0 37	8 42	2 19	3 36	0 45	10 58	1 53	25 10	16 27	17 52	17 33	11 53			n.a.
T 10	23 10	16 59	4 41	21 20	1 12	21 45	0 49	23 0	1 10	19 0	0 37	8 42	2 18	3 36	0 45	10 58	1 53	25 9	16 27	17 53	17 34	11 55			n.a.
F 11	23 5	19 28	3 57	20 52	1 6	21 57	0 46	22 53	1 10	19 3	0 37	8 42	2 18	3 36	0 45	10 58	1 54	25 8	16 27	17 54	17 35	11 57			n.a.
S 12	22 59	20 38	2 58	20 23	0 59	22 8	0 43	22 47	1 10	19 6	0 37	8 43	2 18	3 36	0 45	10 59	1 54	25 7	16 26	17 55	17 36	11 59			n.a.
S 13	22 53	20 26	1 48	19 53	0 53	22 19	0 41	22 40	1 10	19 8	0 37	8 43	2 18	3 36	0 45	10 59	1 54	25 6	16 26	17 55	17 36	12 1			n.a.
M14	22 46	18 56	0 33	19 22	0 46	22 29	0 38	22 33	1 10	19 11	0 37	8 44	2 17	3 36	0 45	10 59	1 54	25 5	16 26	17 56	17 37	12 3			n.a.
T 15	22 39	16 22	0s42	18 51	0 38	22 38	0 35	22 26	1 10	19 14	0 37	8 44	2 17	3 37	0 45	10 59	1 54	25 4	16 25	17 56	17 38	12 5			n.a.
W16	22 32	12 59	1 53	18 20	0 31	22 47	0 32	22 19	1 10	19 16	0 37	8 45	2 17	3 37	0 45	11 0	1 54	25 4	16 25	17 55	17 39	12 7			n.a.
T 17	22 24	9 5	2 56	17 48	0 23	22 55	0 29	22 11	1 10	19 19	0 37	8 45	2 17	3 37	0 45	11 0	1 54	25 3	16 24	17 55	17 40	12 9			n.a.
F 18	22 15	4 53	3 49	17 15	0 15	23 3	0 26	22 4	1 10	19 21	0 37	8 46	2 16	3 38	0 45	11 0	1 54	25 2	16 24	17 55	17 41	12 11			n.a.
S 19	22 7	0 35	4 30	16 42	0 7	23 10	0 24	21 56	1 10	19 24	0 37	8 47	2 16	3 38	0 45	11 0	1 54	25 1	16 24	17 54	17 42	12 13			n.a.
S 20	21 58	3n39	4 58	16 9	0s 2	23 16	0 21	21 48	1 10	19 26	0 37	8 47	2 16	3 38	0 46	11 1	1 54	25 0	16 23	17 54	17 43	12 15			n.a.
M21	21 48	7 42	5 13	15 36	0 11	23 21	0 18	21 40	1 10	19 28	0 37	8 48	2 16	3 39	0 46	11 1	1 54	24 59	16 23	17 54	17 43	12 17			n.a.
T 22	21 39	11 26	5 14	15 3	0 19	23 26	0 15	21 32	1 10	19 31	0 37	8 49	2 15	3 39	0 46	11 1	1 54	24 58	16 23	17 54	17 44	12 19			n.a.
W23	21 28	14 44	5 3	14 29	0 28	23 30	0 12	21 23	1 10	19 33	0 37	8 49	2 15	3 39	0 46	11 1	1 54	24 57	16 23	17 55	17 45	12 21			n.a.
T 24	21 18	17 26	4 37	13 56	0 38	23 34	0 9	21 15	1 10	19 35	0 37	8 50	2 15	3 40	0 46	11 1	1 54	24 56	16 22	17 56	17 46	12 23			n.a.
F 25	21 7	19 24	4 0	13 23	0 47	23 37	0 7	21 6	1 10	19 38	0 37	8 51	2 14	3 40	0 46	11 1	1 54	24 55	16 22	17 56	17 47	12 25			n.a.
S 26	20 56	20 31	3 11	12 50	0 57	23 39	0 4	20 57	1 10	19 40	0 37	8 52	2 14	3 41	0 46	11 2	1 54	24 54	16 22	17 57	17 48	12 27			n.a.
S 27	20 44	20 38	2 11	12 17	1 6	23 40	0 1	20 48	1 10	19 42	0 37	8 53	2 14	3 41	0 46	11 2	1 54	24 53	16 21	17 57	17 49	12 29			n.a.
M28	20 32	19 42	1 5	11 45	1 16	23 41	0n 2	20 39	1 10	19 44	0 37	8 54	2 14	3 42	0 46	11 2	1 55	24 52	16 21	17 57	17 50	12 30			n.a.
T 29	20 19	17 44	0n 7	11 13	1 25	23 41	0 4	20 30	1 10	19 46	0 37	8 55	2 13	3 42	0 46	11 2	1 55	24 51	16 21	17 57	17 50	12 32			n.a.
W30	20 7	14 47	1 19	10 42	1 35	23 40	0 7	20 20	1 10	19 48	0 37	8 56	2 13	3 43	0 46	11 2	1 55	24 50	16 21	17 57	17 51	12 34			n.a.
T 31	19n54	11n 1	2n28	10n11	1s45	23n39	0n10	20n11	1n 9	19n50	0s37	8s57	2n13	3s43	0s46	11n 2	1s55	24n49	16n20	17n57	17n52	12n36			n.a.

Julian Day Number = 1628830.5, Delta T = 03h43m07s
Ecliptic obliquity = 23°43'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'12, Lahiri = - 7°27'12 Julian Calendar 1 July 254 BCE == Greg. Calendar 27 June 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

AUGUST 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 19 46	3♌12'49	21♍29	0♍23	9♋ 5	6♌24	0♊23	28♎23	22°R27	3♉30	5♍13	10♌ 1	10♌15	18♉29	n.a.	F 1
S 2	20 23 43	4°10'56	5♎19	1°19	10°18	7° 3	0°32	28°25	22♓26	3°31	5°15	10° 1	10°12	18°36	n.a.	S 2
S 3	20 27 39	5° 9'05	19°19	2°13	11°31	7°41	0°41	28°28	22°24	3°31	5°17	10° 2	10° 8	18°42	n.a.	S 3
M 4	20 31 36	6° 7'15	3♏26	3° 3	12°45	8°20	0°50	28°30	22°23	3°31	5°19	10°R 2	10° 5	18°49	n.a.	M 4
T 5	20 35 33	7° 5'26	17°41	3°51	13°58	8°58	0°59	28°33	22°21	3°32	5°21	10° 2	10° 2	18°56	n.a.	T 5
W 6	20 39 29	8° 3'40	1♐58	4°34	15°12	9°37	1° 8	28°36	22°20	3°32	5°23	10° 2	9°59	19° 3	n.a.	W 6
T 7	20 43 26	9° 1'55	16°17	5°15	16°25	10°15	1°17	28°39	22°18	3°32	5°26	10° 2	9°56	19° 9	n.a.	T 7
F 8	20 47 22	10° 0'11	0♑32	5°51	17°39	10°54	1°26	28°42	22°17	3°32	5°28	10°D 2	9°53	19°16	n.a.	F 8
S 9	20 51 19	10°58'30	14°41	6°23	18°52	11°32	1°34	28°45	22°15	3°32	5°30	10° 2	9°49	19°23	n.a.	S 9
S 10	20 55 15	11°56'50	28°39	6°50	20° 6	12°11	1°42	28°48	22°14	3°32	5°32	10° 2	9°46	19°29	n.a.	S 10
M11	20 59 12	12°55'12	12♒24	7°13	21°20	12°49	1°51	28°51	22°12	3°32	5°34	10°R 2	9°43	19°36	n.a.	M11
T 12	21 3 8	13°53'36	25°51	7°30	22°33	13°28	1°59	28°54	22°10	3°R32	5°36	10° 2	9°40	19°43	n.a.	T 12
W13	21 7 5	14°52'01	9♓ 1	7°42	23°47	14° 7	2° 7	28°57	22° 8	3°32	5°38	10° 1	9°37	19°50	n.a.	W13
T 14	21 11 2	15°50'29	21°52	7°48	25° 1	14°45	2°15	29° 1	22° 6	3°32	5°41	10° 1	9°33	19°56	n.a.	T 14
F 15	21 14 58	16°48'59	4♈25	7°R48	26°15	15°24	2°22	29° 4	22° 5	3°32	5°43	10° 0	9°30	20° 3	n.a.	F 15
S 16	21 18 55	17°47'31	16°43	7°42	27°29	16° 3	2°30	29° 8	22° 3	3°32	5°45	9°59	9°27	20°10	n.a.	S 16
S 17	21 22 51	18°46'06	28°49	7°29	28°43	16°41	2°37	29°12	22° 1	3°32	5°47	9°58	9°24	20°16	n.a.	S 17
M18	21 26 48	19°44'43	10♉46	7° 9	29°57	17°20	2°45	29°15	21°59	3°32	5°50	9°58	9°21	20°23	n.a.	M18
T 19	21 30 44	20°43'22	22°39	6°42	1♌11	17°59	2°52	29°19	21°57	3°31	5°52	9°D57	9°18	20°30	n.a.	T 19
W20	21 34 41	21°42'03	4♊33	6° 8	2°25	18°38	2°59	29°23	21°55	3°31	5°54	9°58	9°14	20°37	n.a.	W20
T 21	21 38 37	22°40'47	16°32	5°28	3°40	19°17	3° 6	29°27	21°53	3°31	5°56	9°59	9°11	20°43	n.a.	T 21
F 22	21 42 34	23°39'33	28°41	4°41	4°54	19°55	3°12	29°31	21°51	3°31	5°59	10° 0	9° 8	20°50	n.a.	F 22
S 23	21 46 30	24°38'22	11♋ 3	3°48	6° 8	20°34	3°19	29°35	21°49	3°30	6° 1	10° 1	9° 5	20°57	n.a.	S 23
S 24	21 50 27	25°37'13	23°42	2°49	7°22	21°13	3°25	29°39	21°47	3°30	6° 3	10° 2	9° 2	21° 4	n.a.	S 24
M25	21 54 24	26°36'06	6♌40	1°47	8°37	21°52	3°31	29°44	21°45	3°29	6° 6	10°R 3	8°58	21°10	n.a.	M25
T 26	21 58 20	27°35'01	19°58	0°42	9°51	22°31	3°38	29°48	21°42	3°29	6° 8	10° 2	8°55	21°17	n.a.	T 26
W27	22 2 17	28°33'58	3♍34	29♌35	11° 6	23°10	3°43	29°53	21°40	3°28	6°10	10° 1	8°52	21°24	n.a.	W27
T 28	22 6 13	29°32'58	17°27	28°29	12°20	23°49	3°49	29°57	21°38	3°28	6°12	9°59	8°49	21°30	n.a.	T 28
F 29	22 10 10	0♍31'59	1♎34	27°25	13°35	24°28	3°55	0♏ 2	21°36	3°27	6°15	9°57	8°46	21°37	n.a.	F 29
S 30	22 14 6	1°31'02	15°49	26°24	14°49	25° 7	4° 0	0° 6	21°34	3°27	6°17	9°54	8°43	21°44	n.a.	S 30
S 31	22 18 3	2♍30'08	0♏ 9	25♌28	16♌ 4	25♌46	4♊ 6	0♏11	21♓31	3♉26	6♍19	9♌51	8♌39	21♉51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19n40	6n38	3n30	9n41	1s55	23n37	0n13	20n 1	1n 9	19n52	0s37	8s58	2n13	3s44	0s46	11n 2	1s55	24n47	16n20	17n57	17n53	12n38		n.a.	F 1
S 2	19 26	1 51	4 21	9 12	2 5	23 34	0 15	19 51	1 9	19 54	0 37	8 59	2 12	3 44	0 46	11 2	1 55	24 46	16 20	17 57	17 54	12 40		n.a.	S 2
S 3	19 12	3s 5	4 57	8 43	2 15	23 31	0 18	19 41	1 9	19 56	0 37	9 0	2 12	3 45	0 46	11 2	1 55	24 45	16 20	17 57	17 55	12 42		n.a.	S 3
M 4	18 58	7 53	5 15	8 16	2 24	23 27	0 20	19 31	1 9	19 58	0 37	9 1	2 12	3 46	0 46	11 2	1 55	24 44	16 19	17 57	17 56	12 44		n.a.	M 4
T 5	18 43	12 17	5 14	7 50	2 34	23 22	0 23	19 20	1 9	20 0	0 37	9 2	2 12	3 46	0 46	11 2	1 55	24 43	16 19	17 57	17 57	12 46		n.a.	T 5
W 6	18 28	16 0	4 54	7 25	2 43	23 16	0 26	19 10	1 9	20 2	0 37	9 4	2 11	3 47	0 46	11 2	1 55	24 42	16 19	17 57	17 57	12 48		n.a.	W 6
T 7	18 13	18 46	4 16	7 2	2 53	23 10	0 28	18 59	1 9	20 4	0 37	9 5	2 11	3 47	0 46	11 2	1 55	24 41	16 19	17 57	17 58	12 50		n.a.	T 7
F 8	17 57	20 21	3 22	6 40	3 2	23 3	0 30	18 48	1 9	20 6	0 37	9 6	2 11	3 48	0 46	11 2	1 55	24 40	16 19	17 57	17 59	12 52		n.a.	F 8
S 9	17 41	20 39	2 16	6 20	3 10	22 55	0 33	18 38	1 9	20 7	0 37	9 7	2 11	3 49	0 46	11 2	1 55	24 39	16 18	17 57	18 0	12 54		n.a.	S 9
S 10	17 25	19 39	1 3	6 2	3 19	22 47	0 35	18 27	1 9	20 9	0 37	9 9	2 10	3 49	0 46	11 2	1 55	24 38	16 18	17 57	18 1	12 56		n.a.	S 10
M11	17 8	17 30	0s13	5 46	3 27	22 38	0 38	18 15	1 9	20 11	0 37	9 10	2 10	3 50	0 46	11 2	1 55	24 37	16 18	17 57	18 2	12 58		n.a.	M11
T 12	16 51	14 24	1 27	5 33	3 34	22 28	0 40	18 4	1 8	20 12	0 37	9 11	2 10	3 51	0 46	11 2	1 55	24 36	16 18	17 57	18 3	13 0		n.a.	T 12
W13	16 34	10 39	2 34	5 22	3 41	22 18	0 42	17 53	1 8	20 14	0 37	9 13	2 10	3 52	0 46	11 2	1 56	24 35	16 18	17 57	18 3	13 2		n.a.	W13
T 14	16 17	6 30	3 32	5 14	3 47	22 7	0 44	17 41	1 8	20 16	0 37	9 14	2 9	3 52	0 46	11 2	1 56	24 34	16 18	17 57	18 4	13 4		n.a.	T 14
F 15	15 59	2 10	4 18	5 9	3 53	21 55	0 47	17 30	1 8	20 17	0 37	9 16	2 9	3 53	0 46	11 2	1 56	24 34	16 17	17 57	18 5	13 5		n.a.	F 15
S 16	15 41	2n10	4 51	5 7	3 57	21 43	0 49	17 18	1 8	20 19	0 37	9 17	2 9	3 54	0 46	11 2	1 56	24 33	16 17	17 57	18 6	13 7		n.a.	S 16
S 17	15 23	6 21	5 11	5 9	4 0	21 29	0 51	17 6	1 8	20 20	0 37	9 19	2 9	3 55	0 46	11 2	1 56	24 32	16 17	17 58	18 7	13 9		n.a.	S 17
M18	15 4	10 13	5 16	5 14	4 2	21 16	0 53	16 54	1 8	20 22	0 37	9 20	2 9	3 55	0 46	11 2	1 56	24 31	16 17	17 58	18 8	13 11		n.a.	M18
T 19	14 45	13 41	5 9	5 24	4 3	21 2	0 55	16 42	1 8	20 23	0 37	9 22	2 8	3 56	0 46	11 1	1 56	24 30	16 17	17 58	18 9	13 13		n.a.	T 19
W20	14 26	16 35	4 48	5 37	4 3	20 47	0 57	16 29	1 8	20 24	0 37	9 23	2 8	3 57	0 46	11 1	1 56	24 29	16 17	17 58	18 9	13 15		n.a.	W20
T 21	14 7	18 49	4 14	5 54	4 0	20 31	0 59	16 17	1 7	20 26	0 37	9 25	2 8	3 58	0 46	11 1	1 56	24 28	16 17	17 57	18 10	13 17		n.a.	T 21
F 22	13 48	20 14	3 29	6 15	3 56	20 15	1 1	16 5	1 7	20 27	0 37	9 27	2 8	3 59	0 46	11 1	1 56	24 27	16 17	17 57	18 11	13 19		n.a.	F 22
S 23	13 28	20 43	2 33	6 40	3 50	19 58	1 2	15 52	1 7	20 28	0 37	9 28	2 7	4 0	0 46	11 1	1 56	24 26	16 17	17 57	18 12	13 21		n.a.	S 23
S 24	13 8	20 9	1 29	7 9	3 42	19 41	1 4	15 39	1 7	20 30	0 37	9 30	2 7	4 0	0 46	11 1	1 56	24 25	16 17	17 57	18 13	13 23		n.a.	S 24
M25	12 48	18 32	0 19	7 40	3 32	19 23	1 6	15 26	1 7	20 31	0 37	9 32	2 7	4 1	0 46	11 0	1 56	24 24	16 16	17 56	18 14	13 25		n.a.	M25
T 26	12 27	15 52	0n54	8 15	3 20	19 4	1 7	15 13	1 7	20 32	0 37	9 34	2 7	4 2	0 46	11 0	1 56	24 23	16 16	17 56	18 14	13 27		n.a.	T 26
W27	12 7	12 16	2 6	8 51	3 6	18 45	1 9	15 0	1 7	20 33	0 36	9 35	2 7	4 3	0 46	11 0	1 56	24 22	16 16	17 57	18 15	13 29		n.a.	W27
T 28	11 46	7 57	3 12	9 29	2 50	18 26	1 10	14 47	1 6	20 34	0 36	9 37	2 6	4 4	0 46	11 0	1 56	24 21	16 16	17 57	18 16	13 30		n.a.	T 28
F 29	11 25	3 8	4 7	10 8	2 33	18 6	1 12	14 34	1 6	20 35	0 36	9 39	2 6	4 5	0 46	10 59	1 56	24 20	16 16	17 58	18 17	13 32		n.a.	F 29
S 30	11 4	1s53	4 47	10 46	2 14	17 45	1 13	14 20	1 6	20 36	0 36	9 41	2 6	4 6	0 46	10 59	1 57	24 19	16 16	17 59	18 18	13 34		n.a.	S 30
S 31	10n42	6s50	5n10	11n23	1s55	17n24	1n15	14n 7	1n 6	20n37	0s36	9s43	2n 6	4s 7	0s46	10n59	1s57	24n18	16n16	18n 0	18n19	13n36		n.a.	S 31

Julian Day Number = 1628861.5, Delta T = 03h43m06s
Ecliptic obliquity = 23°43'27, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'08, Lahiri = - 7°27'08 Julian Calendar 1 Aug. 254 BCE == Greg. Calendar 28 July 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

SEPTEMBER 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 21 59	3♍29'15	14♏29	24°R40	17♌19	26♌25	4♊11	0♏16	21°R29	3°R25	6♍22	9°R49	8♌36	21♉57	n.a.	M 1
T 2	22 25 56	4°28'24	28°45	23♌59	18°33	27° 4	4°16	0°21	21♓27	3♉25	6°24	9°D48	8°33	22° 4	n.a.	T 2
W 3	22 29 53	5°27'35	12♐54	23°27	19°48	27°43	4°20	0°26	21°24	3°24	6°26	9♌48	8°30	22°11	n.a.	W 3
T 4	22 33 49	6°26'48	26°56	23° 6	21° 3	28°22	4°25	0°31	21°22	3°23	6°29	9°49	8°27	22°17	n.a.	T 4
F 5	22 37 46	7°26'02	10♑48	22°55	22°17	29° 1	4°29	0°36	21°20	3°23	6°31	9°50	8°24	22°24	n.a.	F 5
S 6	22 41 42	8°25'19	24°30	22°D54	23°32	29°41	4°33	0°41	21°17	3°22	6°33	9°52	8°20	22°31	n.a.	S 6
S 7	22 45 39	9°24'38	8♒ 1	23° 4	24°47	0♍20	4°38	0°46	21°15	3°21	6°36	9°R53	8°17	22°38	n.a.	S 7
M 8	22 49 35	10°23'58	21°20	23°25	26° 2	0°59	4°41	0°51	21°13	3°20	6°38	9°52	8°14	22°44	n.a.	M 8
T 9	22 53 32	11°23'20	4♓27	23°55	27°17	1°38	4°45	0°56	21°10	3°19	6°40	9°50	8°11	22°51	n.a.	T 9
W10	22 57 28	12°22'45	17°20	24°35	28°32	2°17	4°49	1° 2	21° 8	3°18	6°43	9°46	8° 8	22°58	n.a.	W10
T 11	23 1 25	13°22'12	0♈ 0	25°23	29°47	2°57	4°52	1° 7	21° 5	3°17	6°45	9°41	8° 4	23° 4	n.a.	T 11
F 12	23 5 21	14°21'40	12°27	26°19	1♍ 2	3°36	4°55	1°13	21° 3	3°16	6°47	9°35	8° 1	23°11	n.a.	F 12
S 13	23 9 18	15°21'11	24°41	27°22	2°17	4°15	4°58	1°18	21° 1	3°15	6°50	9°29	7°58	23°18	n.a.	S 13
S 14	23 13 15	16°20'45	6♉45	28°32	3°32	4°55	5° 1	1°24	20°58	3°14	6°52	9°22	7°55	23°25	n.a.	S 14
M15	23 17 11	17°20'21	18°41	29°47	4°47	5°34	5° 3	1°29	20°56	3°13	6°54	9°17	7°52	23°31	n.a.	M15
T 16	23 21 8	18°19'59	0♊33	1♍ 7	6° 2	6°14	5° 6	1°35	20°53	3°12	6°56	9°14	7°49	23°38	n.a.	T 16
W17	23 25 4	19°19'39	12°25	2°31	7°17	6°53	5° 8	1°41	20°51	3°11	6°59	9°12	7°45	23°45	n.a.	W17
T 18	23 29 1	20°19'22	24°22	3°59	8°32	7°32	5°10	1°47	20°48	3°10	7° 1	9°D12	7°42	23°51	n.a.	T 18
F 19	23 32 57	21°19'08	6♋29	5°29	9°47	8°12	5°12	1°52	20°46	3° 9	7° 3	9°13	7°39	23°58	n.a.	F 19
S 20	23 36 54	22°18'56	18°50	7° 2	11° 2	8°51	5°13	1°58	20°43	3° 8	7° 6	9°14	7°36	24° 5	n.a.	S 20
S 21	23 40 50	23°18'46	1♌31	8°37	12°18	9°31	5°15	2° 4	20°41	3° 6	7° 8	9°16	7°33	24°12	n.a.	S 21
M22	23 44 47	24°18'38	14°34	10°14	13°33	10°11	5°16	2°10	20°39	3° 5	7°10	9°R16	7°29	24°18	n.a.	M22
T 23	23 48 44	25°18'32	28° 3	11°52	14°48	10°50	5°17	2°16	20°36	3° 4	7°12	9°14	7°26	24°25	n.a.	T 23
W24	23 52 40	26°18'29	11♍57	13°31	16° 3	11°30	5°18	2°22	20°34	3° 3	7°15	9°10	7°23	24°32	n.a.	W24
T 25	23 56 37	27°18'28	26°14	15°10	17°19	12°10	5°18	2°29	20°31	3° 1	7°17	9° 4	7°20	24°39	n.a.	T 25
F 26	0 0 33	28°18'28	10♎48	16°50	18°34	12°49	5°19	2°35	20°29	3° 0	7°19	8°57	7°17	24°45	n.a.	F 26
S 27	0 4 30	29°18'31	25°32	18°30	19°49	13°29	5°19	2°41	20°26	2°59	7°21	8°49	7°14	24°52	n.a.	S 27
S 28	0 8 26	0♎18'36	10♏19	20°11	21° 5	14° 9	5°R19	2°47	20°24	2°57	7°23	8°41	7°10	24°59	n.a.	S 28
M29	0 12 23	1°18'42	25° 1	21°51	22°20	14°48	5°19	2°53	20°22	2°56	7°26	8°34	7° 7	25° 5	n.a.	M29
T 30	0 16 19	2♎18'50	9♐31	23♍32	23♍36	15♍28	5♊19	3♏ 0	20♓19	2♉55	7♍28	8♌30	7♌ 4	25♉12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n21	11s23	5n13	11n58	1s35	17n 2	1n16	13n53	1n 6	20n38	0s36	9s45	2n 6	4s 8	0s46	10n59	1s57	24n17	16n16	18n 0	18n20	13n38		n.a.
T 2	9 59	15 17	4 57	12 30	1 15	16 40	1 17	13 40	1 6	20 39	0 36	9 46	2 5	4 8	0 46	10 58	1 57	24 17	16 16	18 0	18 20	13 40		n.a.
W 3	9 37	18 16	4 23	13 0	0 55	16 17	1 18	13 26	1 6	20 40	0 36	9 48	2 5	4 9	0 46	10 58	1 57	24 16	16 16	18 0	18 21	13 42		n.a.
T 4	9 15	20 7	3 34	13 25	0 36	15 54	1 19	13 12	1 5	20 41	0 36	9 50	2 5	4 10	0 46	10 58	1 57	24 15	16 16	18 0	18 22	13 44		n.a.
F 5	8 53	20 45	2 33	13 47	0 17	15 31	1 20	12 58	1 5	20 42	0 36	9 52	2 5	4 11	0 46	10 57	1 57	24 14	16 16	18 0	18 23	13 46		n.a.
S 6	8 31	20 7	1 23	14 4	0n 1	15 7	1 21	12 44	1 5	20 42	0 36	9 54	2 5	4 12	0 46	10 57	1 57	24 13	16 16	17 59	18 24	13 48		n.a.
S 7	8 8	18 19	0 10	14 16	0 18	14 42	1 22	12 30	1 5	20 43	0 36	9 56	2 4	4 13	0 46	10 57	1 57	24 12	16 16	17 59	18 25	13 50		n.a.
M 8	7 45	15 32	1s 2	14 24	0 34	14 17	1 23	12 16	1 5	20 44	0 36	9 58	2 4	4 14	0 46	10 56	1 57	24 11	16 17	17 59	18 25	13 51		n.a.
T 9	7 23	12 1	2 10	14 28	0 48	13 52	1 24	12 1	1 4	20 45	0 36	10 0	2 4	4 15	0 47	10 56	1 57	24 11	16 17	18 0	18 26	13 53		n.a.
W10	7 0	7 58	3 10	14 26	1 1	13 26	1 24	11 47	1 4	20 45	0 36	10 2	2 4	4 16	0 47	10 56	1 57	24 10	16 17	18 1	18 27	13 55		n.a.
T 11	6 37	3 39	4 0	14 21	1 12	13 0	1 25	11 32	1 4	20 46	0 36	10 4	2 4	4 17	0 47	10 55	1 57	24 9	16 17	18 2	18 28	13 57		n.a.
F 12	6 14	0n44	4 37	14 11	1 23	12 34	1 25	11 18	1 4	20 46	0 36	10 6	2 3	4 18	0 47	10 55	1 57	24 8	16 17	18 4	18 29	13 59		n.a.
S 13	5 50	5 1	5 0	13 57	1 31	12 7	1 26	11 3	1 4	20 47	0 36	10 9	2 3	4 19	0 47	10 55	1 57	24 7	16 17	18 6	18 30	14 1		n.a.
S 14	5 27	9 3	5 10	13 40	1 39	11 40	1 26	10 48	1 4	20 47	0 36	10 11	2 3	4 20	0 47	10 54	1 57	24 6	16 17	18 7	18 30	14 3		n.a.
M15	5 4	12 41	5 6	13 19	1 45	11 13	1 27	10 34	1 3	20 48	0 36	10 13	2 3	4 21	0 47	10 54	1 57	24 6	16 17	18 9	18 31	14 5		n.a.
T 16	4 40	15 48	4 49	12 55	1 50	10 45	1 27	10 19	1 3	20 48	0 36	10 15	2 3	4 22	0 47	10 53	1 57	24 5	16 17	18 10	18 32	14 7		n.a.
W17	4 16	18 15	4 20	12 28	1 54	10 17	1 27	10 4	1 3	20 49	0 36	10 17	2 3	4 23	0 47	10 53	1 57	24 4	16 17	18 10	18 33	14 8		n.a.
T 18	3 53	19 57	3 39	11 59	1 57	9 49	1 27	9 49	1 3	20 49	0 36	10 19	2 2	4 24	0 47	10 53	1 58	24 3	16 18	18 10	18 34	14 10		n.a.
F 19	3 29	20 46	2 48	11 27	1 59	9 20	1 27	9 33	1 2	20 50	0 36	10 21	2 2	4 25	0 47	10 52	1 58	24 3	16 18	18 10	18 35	14 12		n.a.
S 20	3 5	20 36	1 48	10 53	2 0	8 51	1 27	9 18	1 2	20 50	0 36	10 24	2 2	4 26	0 46	10 52	1 58	24 2	16 18	18 9	18 35	14 14		n.a.
S 21	2 41	19 23	0 42	10 17	2 0	8 22	1 27	9 3	1 2	20 50	0 36	10 26	2 2	4 27	0 46	10 51	1 58	24 1	16 18	18 9	18 36	14 16		n.a.
M22	2 17	17 7	0n29	9 40	2 0	7 53	1 27	8 48	1 2	20 50	0 36	10 28	2 2	4 28	0 46	10 51	1 58	24 0	16 18	18 9	18 37	14 18		n.a.
T 23	1 53	13 51	1 40	9 1	1 59	7 23	1 27	8 32	1 2	20 51	0 36	10 30	2 2	4 29	0 46	10 50	1 58	24 0	16 19	18 9	18 38	14 20		n.a.
W24	1 29	9 44	2 47	8 21	1 57	6 53	1 27	8 17	1 1	20 51	0 36	10 32	2 1	4 30	0 46	10 50	1 58	23 59	16 19	18 11	18 39	14 21		n.a.
T 25	1 5	4 57	3 45	7 40	1 54	6 23	1 26	8 1	1 1	20 51	0 36	10 35	2 1	4 31	0 46	10 49	1 58	23 58	16 19	18 12	18 39	14 23		n.a.
F 26	0 41	0s11	4 30	6 58	1 51	5 53	1 26	7 46	1 1	20 51	0 36	10 37	2 1	4 32	0 46	10 49	1 58	23 58	16 19	18 14	18 40	14 25		n.a.
S 27	0 17	5 22	4 58	6 15	1 48	5 23	1 25	7 30	1 1	20 51	0 36	10 39	2 1	4 32	0 46	10 48	1 58	23 57	16 19	18 16	18 41	14 27		n.a.
S 28	0s 7	10 15	5 6	5 31	1 44	4 52	1 25	7 14	1 0	20 51	0 36	10 42	2 1	4 33	0 46	10 48	1 58	23 56	16 20	18 18	18 42	14 29		n.a.
M29	0 32	14 30	4 54	4 48	1 40	4 22	1 24	6 58	1 0	20 51	0 36	10 44	2 1	4 34	0 46	10 47	1 58	23 56	16 20	18 20	18 43	14 31		n.a.
T 30	0s56	17s49	4n23	4n 3	1n35	3n51	1n24	6n43	1n 0	20n51	0s36	10s46	2n 1	4s35	0s46	10n47	1s58	23n55	16n20	18n21	18n44	14n33		n.a.

Julian Day Number = 1628892.5, Delta T = 03h43m05s
Ecliptic obliquity = 23°43'28, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'04, Lahiri = - 7°27'03 Julian Calendar 1 Sept. 254 BCE == Greg. Calendar 28 Aug. 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

OCTOBER 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 20 16	3♎19'00	23♐45	25♍12	24♍51	16♍ 8	5°R18	3♏ 6	20°R17	2°R53	7♍30	8°R28	7♌ 1	25♉19	n.a.	W 1
T 2	0 24 12	4°19'11	7♑42	26°52	26° 6	16°48	5♊17	3°13	20♓15	2♉52	7°32	8°D27	6°58	25°26	n.a.	T 2
F 3	0 28 9	5°19'25	21°22	28°32	27°22	17°28	5°16	3°19	20°12	2°50	7°34	8♌28	6°55	25°32	n.a.	F 3
S 4	0 32 6	6°19'39	4♒46	0♎12	28°37	18° 8	5°15	3°26	20°10	2°49	7°36	8°R29	6°51	25°39	n.a.	S 4
S 5	0 36 2	7°19'55	17°55	1°51	29°53	18°48	5°14	3°32	20° 8	2°47	7°38	8°28	6°48	25°46	n.a.	S 5
M 6	0 39 59	8°20'13	0♓52	3°30	1♎ 8	19°28	5°12	3°39	20° 5	2°46	7°40	8°26	6°45	25°52	n.a.	M 6
T 7	0 43 55	9°20'33	13°37	5° 9	2°24	20° 8	5°10	3°45	20° 3	2°44	7°43	8°21	6°42	25°59	n.a.	T 7
W 8	0 47 52	10°20'54	26°12	6°47	3°39	20°48	5° 8	3°52	20° 1	2°43	7°45	8°13	6°39	26° 6	n.a.	W 8
T 9	0 51 48	11°21'16	8♈37	8°25	4°55	21°28	5° 6	3°58	19°58	2°41	7°47	8° 3	6°35	26°13	n.a.	T 9
F 10	0 55 45	12°21'41	20°53	10° 2	6°10	22° 8	5° 4	4° 5	19°56	2°40	7°49	7°51	6°32	26°19	n.a.	F 10
S 11	0 59 41	13°22'07	3♉ 0	11°39	7°26	22°48	5° 1	4°12	19°54	2°38	7°51	7°38	6°29	26°26	n.a.	S 11
S 12	1 3 38	14°22'36	15° 0	13°16	8°41	23°28	4°58	4°19	19°52	2°36	7°53	7°26	6°26	26°33	n.a.	S 12
M13	1 7 35	15°23'06	26°54	14°53	9°57	24° 8	4°55	4°25	19°50	2°35	7°55	7°15	6°23	26°39	n.a.	M13
T 14	1 11 31	16°23'38	8♊44	16°29	11°12	24°48	4°52	4°32	19°48	2°33	7°56	7° 6	6°20	26°46	n.a.	T 14
W15	1 15 28	17°24'12	20°34	18° 5	12°28	25°29	4°49	4°39	19°46	2°32	7°58	7° 0	6°16	26°53	n.a.	W15
T 16	1 19 24	18°24'47	2♋28	19°40	13°43	26° 9	4°45	4°46	19°43	2°30	8° 0	6°56	6°13	27° 0	n.a.	T 16
F 17	1 23 21	19°25'25	14°31	21°15	14°59	26°49	4°42	4°53	19°41	2°28	8° 2	6°55	6°10	27° 6	n.a.	F 17
S 18	1 27 17	20°26'04	26°48	22°50	16°14	27°29	4°38	4°59	19°39	2°27	8° 4	6°D55	6° 7	27°13	n.a.	S 18
S 19	1 31 14	21°26'46	9♌24	24°25	17°30	28°10	4°34	5° 6	19°37	2°25	8° 6	6°R55	6° 4	27°20	n.a.	S 19
M20	1 35 10	22°27'29	22°24	26° 0	18°45	28°50	4°29	5°13	19°35	2°23	8° 8	6°54	6° 1	27°26	n.a.	M20
T 21	1 39 7	23°28'14	5♍52	27°34	20° 1	29°31	4°25	5°20	19°34	2°22	8° 9	6°51	5°57	27°33	n.a.	T 21
W22	1 43 4	24°29'00	19°50	29° 8	21°17	0♎11	4°20	5°27	19°32	2°20	8°11	6°46	5°54	27°40	n.a.	W22
T 23	1 47 0	25°29'48	4♎17	0♏42	22°32	0°51	4°15	5°34	19°30	2°18	8°13	6°37	5°51	27°47	n.a.	T 23
F 24	1 50 57	26°30'38	19° 7	2°15	23°48	1°32	4°10	5°41	19°28	2°17	8°15	6°27	5°48	27°53	n.a.	F 24
S 25	1 54 53	27°31'29	4♏13	3°49	25° 3	2°12	4° 5	5°48	19°26	2°15	8°16	6°15	5°45	28° 0	n.a.	S 25
S 26	1 58 50	28°32'21	19°24	5°22	26°19	2°53	4° 0	5°55	19°24	2°13	8°18	6° 4	5°41	28° 7	n.a.	S 26
M27	2 2 46	29°33'15	4♐30	6°56	27°35	3°34	3°54	6° 2	19°23	2°12	8°20	5°54	5°38	28°13	n.a.	M27
T 28	2 6 43	0♏34'10	19°21	8°29	28°50	4°14	3°49	6° 9	19°21	2°10	8°21	5°46	5°35	28°20	n.a.	T 28
W29	2 10 39	1°35'05	3♑51	10° 2	0♏ 6	4°55	3°43	6°16	19°19	2° 8	8°23	5°42	5°32	28°27	n.a.	W29
T 30	2 14 36	2°36'02	17°56	11°35	1°21	5°35	3°37	6°23	19°18	2° 6	8°24	5°40	5°29	28°34	n.a.	T 30
F 31	2 18 33	3♏37'00	1♒38	13♏ 8	2♏37	6♎16	3♊31	6♏30	19♓16	2♉ 5	8♍26	5♌39	5♌26	28♉40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1 s20	19 s59	3n36	3n18	1n30	3n20	1n23	6n27	1n 0	20n51	0 s36	10 s48	2n 1	4 s36	0 s46	10n46	1 s58	23n55	16n20	18n22	18n44	14n35			n.a.
T 2	1 44	20 53	2 37	2 34	1 25	2 49	1 22	6 11	0 59	20 51	0 36	10 51	2 0	4 37	0 46	10 46	1 58	23 54	16 21	18 22	18 45	14 36			n.a.
F 3	2 8	20 31	1 30	1 48	1 20	2 18	1 21	5 55	0 59	20 51	0 36	10 53	2 0	4 38	0 46	10 45	1 58	23 53	16 21	18 22	18 46	14 38			n.a.
S 4	2 32	18 59	0 20	1 3	1 14	1 47	1 20	5 39	0 59	20 50	0 36	10 55	2 0	4 39	0 46	10 45	1 58	23 53	16 21	18 22	18 47	14 40			n.a.
S 5	2 57	16 26	0 s50	0 18	1 9	1 16	1 19	5 23	0 59	20 50	0 36	10 58	2 0	4 40	0 46	10 44	1 58	23 52	16 21	18 22	18 48	14 42			n.a.
M 6	3 21	13 7	1 57	0 s27	1 3	0 44	1 18	5 7	0 58	20 50	0 36	11 0	2 0	4 41	0 46	10 44	1 58	23 52	16 22	18 22	18 48	14 44			n.a.
T 7	3 45	9 13	2 56	1 12	0 57	0 13	1 17	4 51	0 58	20 50	0 36	11 2	2 0	4 42	0 46	10 43	1 58	23 51	16 22	18 24	18 49	14 46			n.a.
W 8	4 9	4 58	3 46	1 57	0 50	0 s18	1 16	4 34	0 58	20 49	0 36	11 5	2 0	4 43	0 46	10 43	1 58	23 51	16 22	18 26	18 50	14 47			n.a.
T 9	4 33	0 35	4 24	2 42	0 44	0 50	1 15	4 18	0 57	20 49	0 36	11 7	2 0	4 43	0 46	10 42	1 58	23 50	16 23	18 28	18 51	14 49			n.a.
F 10	4 56	3n47	4 49	3 27	0 38	1 21	1 14	4 2	0 57	20 49	0 36	11 10	1 59	4 44	0 46	10 41	1 58	23 50	16 23	18 31	18 52	14 51			n.a.
S 11	5 20	7 57	5 1	4 11	0 31	1 52	1 12	3 46	0 57	20 48	0 36	11 12	1 59	4 45	0 46	10 41	1 58	23 49	16 23	18 35	18 52	14 53			n.a.
S 12	5 44	11 46	4 59	4 55	0 25	2 24	1 11	3 29	0 57	20 48	0 36	11 14	1 59	4 46	0 46	10 40	1 58	23 49	16 24	18 38	18 53	14 55			n.a.
M13	6 8	15 5	4 45	5 39	0 18	2 55	1 10	3 13	0 56	20 47	0 36	11 17	1 59	4 47	0 46	10 40	1 58	23 48	16 24	18 41	18 54	14 57			n.a.
T 14	6 31	17 47	4 18	6 23	0 12	3 26	1 8	2 57	0 56	20 47	0 36	11 19	1 59	4 48	0 46	10 39	1 58	23 48	16 24	18 43	18 55	14 58			n.a.
W15	6 55	19 44	3 40	7 6	0 5	3 57	1 7	2 40	0 56	20 46	0 36	11 21	1 59	4 48	0 46	10 39	1 58	23 48	16 25	18 45	18 56	15 0			n.a.
T 16	7 18	20 50	2 52	7 48	0 s 2	4 29	1 5	2 24	0 55	20 45	0 36	11 24	1 59	4 49	0 46	10 38	1 58	23 47	16 25	18 46	18 56	15 2			n.a.
F 17	7 41	21 0	1 56	8 31	0 8	5 0	1 4	2 7	0 55	20 45	0 36	11 26	1 59	4 50	0 46	10 38	1 58	23 47	16 25	18 46	18 57	15 4			n.a.
S 18	8 5	20 10	0 53	9 13	0 15	5 31	1 2	1 51	0 55	20 44	0 36	11 29	1 59	4 51	0 46	10 37	1 58	23 46	16 26	18 46	18 58	15 6			n.a.
S 19	8 28	18 20	0n13	9 54	0 21	6 1	1 0	1 34	0 54	20 43	0 35	11 31	1 59	4 52	0 46	10 36	1 58	23 46	16 26	18 46	18 59	15 8			n.a.
M20	8 50	15 29	1 21	10 35	0 28	6 32	0 58	1 18	0 54	20 43	0 35	11 33	1 59	4 52	0 46	10 36	1 58	23 46	16 27	18 46	19 0	15 9			n.a.
T 21	9 13	11 44	2 27	11 15	0 34	7 3	0 57	1 1	0 54	20 42	0 35	11 36	1 59	4 53	0 46	10 35	1 58	23 45	16 27	18 47	19 0	15 11			n.a.
W22	9 36	7 13	3 26	11 55	0 40	7 33	0 55	0 44	0 53	20 41	0 35	11 38	1 58	4 54	0 46	10 35	1 58	23 45	16 27	18 48	19 1	15 13			n.a.
T 23	9 58	2 10	4 14	12 35	0 47	8 3	0 53	0 28	0 53	20 40	0 35	11 41	1 58	4 55	0 46	10 34	1 58	23 45	16 28	18 50	19 2	15 15			n.a.
F 24	10 21	3 s 9	4 47	13 13	0 53	8 33	0 51	0 11	0 53	20 39	0 35	11 43	1 58	4 55	0 46	10 33	1 58	23 44	16 28	18 53	19 3	15 17			n.a.
S 25	10 43	8 22	5 0	13 52	0 59	9 3	0 49	0 s 5	0 52	20 38	0 35	11 45	1 58	4 56	0 46	10 33	1 58	23 44	16 29	18 56	19 4	15 18			n.a.
S 26	11 5	13 6	4 52	14 29	1 5	9 33	0 47	0 22	0 52	20 38	0 35	11 48	1 58	4 57	0 46	10 32	1 58	23 44	16 29	18 59	19 4	15 20			n.a.
M27	11 27	16 58	4 24	15 6	1 10	10 2	0 45	0 39	0 52	20 37	0 35	11 50	1 58	4 57	0 46	10 32	1 58	23 44	16 30	19 1	19 5	15 22			n.a.
T 28	11 48	19 40	3 38	15 42	1 16	10 31	0 43	0 55	0 51	20 36	0 35	11 52	1 58	4 58	0 46	10 31	1 58	23 43	16 30	19 3	19 6	15 24			n.a.
W29	12 10	21 1	2 39	16 17	1 22	11 0	0 41	1 12	0 51	20 35	0 35	11 55	1 58	4 58	0 46	10 30	1 58	23 43	16 31	19 4	19 7	15 26			n.a.
T 30	12 31	20 59	1 32	16 52	1 27	11 29	0 39	1 28	0 51	20 33	0 35	11 57	1 58	4 59	0 46	10 30	1 58	23 43	16 31	19 5	19 8	15 27			n.a.
F 31	12 s52	19 s41	0n21	17 s26	1 s32	11 s57	0n37	1 s45	0n50	20n32	0 s35	12 s 0	1n58	5 s 0	0 s46	10n29	1 s58	23n43	16n31	19n 5	19n 8	15n29			n.a.

Julian Day Number = 1628922.5, Delta T = 03h43m04s
Ecliptic obliquity = 23°43'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°34'00, Lahiri = - 7°26'59 Julian Calendar 1 Oct. 254 BCE == Greg. Calendar 27 Sept. 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

NOVEMBER 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 22 29	4♏37'58	14♒56	14♏40	3♏52	6♎57	3°R25	6♏37	19°R15	2°R 3	8♍27	5°R39	5♌22	28♉47	n.a.	S 1
S 2	2 26 26	5°38'57	27°55	16°13	5° 8	7°38	3♊18	6°44	19♓13	2♉ 1	8°29	5♌38	5°19	28°54	n.a.	S 2
M 3	2 30 22	6°39'57	10♓38	17°45	6°24	8°18	3°12	6°51	19°12	2° 0	8°30	5°35	5°16	29° 0	n.a.	M 3
T 4	2 34 19	7°40'58	23° 8	19°18	7°39	8°59	3° 5	6°58	19°10	1°58	8°32	5°29	5°13	29° 7	n.a.	T 4
W 5	2 38 15	8°42'00	5♈27	20°50	8°55	9°40	2°58	7° 5	19° 9	1°56	8°33	5°19	5°10	29°14	n.a.	W 5
T 6	2 42 12	9°43'02	17°39	22°22	10°10	10°21	2°51	7°12	19° 8	1°55	8°35	5° 7	5° 6	29°21	n.a.	T 6
F 7	2 46 8	10°44'05	29°44	23°54	11°26	11° 2	2°44	7°19	19° 6	1°53	8°36	4°53	5° 3	29°27	n.a.	F 7
S 8	2 50 5	11°45'09	11♉43	25°25	12°41	11°43	2°37	7°26	19° 5	1°51	8°37	4°38	5° 0	29°34	n.a.	S 8
S 9	2 54 2	12°46'14	23°38	26°56	13°57	12°24	2°30	7°33	19° 4	1°50	8°39	4°23	4°57	29°41	n.a.	S 9
M10	2 57 58	13°47'20	5♊30	28°27	15°12	13° 5	2°23	7°40	19° 3	1°48	8°40	4°10	4°54	29°47	n.a.	M10
T 11	3 1 55	14°48'27	17°20	29°58	16°28	13°46	2°15	7°47	19° 2	1°46	8°41	4° 0	4°51	29°54	n.a.	T 11
W12	3 5 51	15°49'35	29°11	1♐28	17°44	14°27	2° 8	7°54	19° 1	1°45	8°42	3°52	4°47	0♊ 1	n.a.	W12
T 13	3 9 48	16°50'44	11♋ 5	2°58	18°59	15° 8	2° 0	8° 1	19° 0	1°43	8°43	3°47	4°44	0° 7	n.a.	T 13
F 14	3 13 44	17°51'53	23° 7	4°26	20°15	15°49	1°53	8° 8	18°59	1°41	8°45	3°45	4°41	0°14	n.a.	F 14
S 15	3 17 41	18°53'04	5♌22	5°54	21°30	16°30	1°45	8°15	18°58	1°40	8°46	3°D44	4°38	0°21	n.a.	S 15
S 16	3 21 37	19°54'15	17°53	7°22	22°46	17°11	1°37	8°22	18°57	1°38	8°47	3°R45	4°35	0°28	n.a.	S 16
M17	3 25 34	20°55'27	0♍46	8°47	24° 1	17°52	1°29	8°29	18°56	1°37	8°48	3°44	4°32	0°34	n.a.	M17
T 18	3 29 31	21°56'40	14° 6	10°12	25°17	18°34	1°21	8°36	18°56	1°35	8°49	3°42	4°28	0°41	n.a.	T 18
W19	3 33 27	22°57'54	27°56	11°35	26°32	19°15	1°13	8°43	18°55	1°33	8°50	3°38	4°25	0°48	n.a.	W19
T 20	3 37 24	23°59'09	12♎16	12°55	27°48	19°56	1° 5	8°50	18°54	1°32	8°51	3°31	4°22	0°54	n.a.	T 20
F 21	3 41 20	25° 0'24	27° 3	14°14	29° 3	20°37	0°57	8°56	18°54	1°30	8°51	3°21	4°19	1° 1	n.a.	F 21
S 22	3 45 17	26° 1'39	12♏12	15°30	0♐19	21°19	0°49	9° 3	18°53	1°29	8°52	3°11	4°16	1° 8	n.a.	S 22
S 23	3 49 13	27° 2'55	27°32	16°42	1°34	22° 0	0°41	9°10	18°53	1°27	8°53	3° 1	4°12	1°15	n.a.	S 23
M24	3 53 10	28° 4'12	12♐51	17°51	2°50	22°42	0°33	9°17	18°52	1°26	8°54	2°51	4° 9	1°21	n.a.	M24
T 25	3 57 6	29° 5'29	27°59	18°55	4° 5	23°23	0°25	9°24	18°52	1°24	8°55	2°45	4° 6	1°28	n.a.	T 25
W26	4 1 3	0♐ 6'45	12♑47	19°55	5°21	24° 5	0°16	9°30	18°51	1°23	8°55	2°40	4° 3	1°35	n.a.	W26
T 27	4 5 0	1° 8'02	27° 8	20°48	6°36	24°46	0° 8	9°37	18°51	1°21	8°56	2°D39	4° 0	1°41	n.a.	T 27
F 28	4 8 56	2° 9'19	11♒ 0	21°35	7°52	25°28	0° 0	9°44	18°51	1°20	8°57	2°39	3°57	1°48	n.a.	F 28
S 29	4 12 53	3°10'35	24°26	22°15	9° 7	26° 9	29♉52	9°50	18°51	1°19	8°57	2°40	3°53	1°55	n.a.	S 29
S 30	4 16 49	4♐11'51	7♓26	22♐46	10♐23	26♎51	29♉44	9♏57	18♓50	1♉17	8♍58	2°R40	3♌50	2♊ 2	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s13	17s20	0s49	17s59	1s37	12s25	0n35	2s 2	0n50	20n31	0s35	12s 2	1n58	5s 0	0s46	10n29	1s58	23n43	16n32	19n 5	19n 9	15n31		n.a.
S 2	13 34	14 8	1 55	18 31	1 42	12 53	0 32	2 18	0 49	20 30	0 35	12 4	1 58	5 1	0 46	10 28	1 58	23 43	16 32	19 5	19 10	15 33		n.a.
M 3	13 54	10 20	2 53	19 2	1 46	13 20	0 30	2 35	0 49	20 29	0 34	12 7	1 58	5 1	0 46	10 28	1 58	23 42	16 33	19 6	19 11	15 35		n.a.
T 4	14 14	6 9	3 42	19 32	1 51	13 47	0 28	2 52	0 49	20 28	0 34	12 9	1 58	5 2	0 46	10 27	1 58	23 42	16 33	19 8	19 11	15 36		n.a.
W 5	14 34	1 47	4 20	20 1	1 55	14 14	0 26	3 8	0 48	20 26	0 34	12 11	1 58	5 2	0 46	10 26	1 58	23 42	16 34	19 10	19 12	15 38		n.a.
T 6	14 54	2n36	4 46	20 29	1 59	14 40	0 23	3 25	0 48	20 25	0 34	12 14	1 58	5 3	0 46	10 26	1 58	23 42	16 34	19 13	19 13	15 40		n.a.
F 7	15 13	6 52	4 58	20 56	2 2	15 6	0 21	3 41	0 47	20 24	0 34	12 16	1 58	5 3	0 45	10 25	1 58	23 42	16 35	19 16	19 14	15 42		n.a.
S 8	15 32	10 49	4 57	21 22	2 5	15 32	0 19	3 58	0 47	20 23	0 34	12 18	1 58	5 4	0 45	10 25	1 58	23 42	16 35	19 20	19 15	15 43		n.a.
S 9	15 51	14 20	4 43	21 47	2 8	15 57	0 16	4 14	0 47	20 21	0 34	12 21	1 58	5 4	0 45	10 24	1 58	23 42	16 36	19 23	19 15	15 45		n.a.
M10	16 10	17 16	4 17	22 11	2 11	16 22	0 14	4 31	0 46	20 20	0 34	12 23	1 58	5 5	0 45	10 24	1 58	23 42	16 36	19 27	19 16	15 47		n.a.
T 11	16 28	19 29	3 39	22 33	2 13	16 46	0 12	4 47	0 46	20 19	0 34	12 25	1 58	5 5	0 45	10 23	1 58	23 42	16 37	19 29	19 17	15 49		n.a.
W12	16 46	20 51	2 52	22 54	2 15	17 10	0 9	5 4	0 45	20 17	0 34	12 27	1 58	5 5	0 45	10 22	1 58	23 42	16 38	19 31	19 18	15 51		n.a.
T 13	17 4	21 19	1 57	23 13	2 16	17 34	0 7	5 20	0 45	20 16	0 33	12 30	1 58	5 6	0 45	10 22	1 58	23 42	16 38	19 32	19 18	15 52		n.a.
F 14	17 22	20 48	0 56	23 31	2 17	17 57	0 5	5 37	0 44	20 14	0 33	12 32	1 58	5 6	0 45	10 21	1 58	23 42	16 39	19 33	19 19	15 54		n.a.
S 15	17 39	19 18	0n 9	23 48	2 17	18 19	0 2	5 53	0 44	20 13	0 33	12 34	1 57	5 6	0 45	10 21	1 58	23 42	16 39	19 33	19 20	15 56		n.a.
S 16	17 56	16 50	1 14	24 3	2 17	18 41	0s 0	6 10	0 44	20 11	0 33	12 37	1 57	5 7	0 45	10 20	1 58	23 42	16 40	19 33	19 21	15 58		n.a.
M17	18 12	13 29	2 18	24 16	2 16	19 2	0 2	6 26	0 43	20 10	0 33	12 39	1 57	5 7	0 45	10 20	1 58	23 42	16 40	19 33	19 22	15 59		n.a.
T 18	18 28	9 21	3 17	24 27	2 14	19 23	0 5	6 42	0 43	20 8	0 33	12 41	1 57	5 7	0 45	10 19	1 58	23 42	16 41	19 33	19 22	16 1		n.a.
W19	18 44	4 35	4 6	24 37	2 12	19 44	0 7	6 58	0 42	20 7	0 33	12 43	1 57	5 8	0 45	10 19	1 58	23 43	16 41	19 34	19 23	16 3		n.a.
T 20	19 0	0s35	4 42	24 45	2 9	20 4	0 10	7 15	0 42	20 5	0 33	12 45	1 58	5 8	0 45	10 18	1 58	23 43	16 42	19 36	19 24	16 5		n.a.
F 21	19 15	5 52	5 1	24 51	2 5	20 23	0 12	7 31	0 41	20 4	0 32	12 48	1 58	5 8	0 45	10 18	1 58	23 43	16 42	19 38	19 25	16 6		n.a.
S 22	19 29	10 56	4 59	24 56	2 1	20 41	0 14	7 47	0 41	20 2	0 32	12 50	1 58	5 8	0 45	10 17	1 58	23 43	16 43	19 41	19 25	16 8		n.a.
S 23	19 44	15 22	4 36	24 58	1 55	21 0	0 17	8 3	0 40	20 1	0 32	12 52	1 58	5 8	0 45	10 17	1 58	23 43	16 44	19 43	19 26	16 10		n.a.
M24	19 58	18 46	3 53	24 58	1 49	21 17	0 19	8 19	0 40	19 59	0 32	12 54	1 58	5 8	0 45	10 16	1 58	23 43	16 44	19 45	19 27	16 12		n.a.
T 25	20 12	20 49	2 54	24 56	1 41	21 34	0 21	8 35	0 39	19 58	0 32	12 56	1 58	5 9	0 45	10 16	1 58	23 44	16 45	19 47	19 28	16 13		n.a.
W26	20 25	21 23	1 44	24 53	1 33	21 50	0 24	8 51	0 39	19 56	0 32	12 58	1 58	5 9	0 45	10 15	1 58	23 44	16 45	19 48	19 28	16 15		n.a.
T 27	20 38	20 30	0 29	24 47	1 23	22 6	0 26	9 7	0 38	19 54	0 32	13 1	1 58	5 9	0 45	10 15	1 58	23 44	16 46	19 48	19 29	16 17		n.a.
F 28	20 50	18 23	0s45	24 39	1 12	22 21	0 28	9 22	0 38	19 53	0 31	13 3	1 58	5 9	0 45	10 14	1 58	23 44	16 46	19 48	19 30	16 19		n.a.
S 29	21 2	15 19	1 54	24 29	1 0	22 35	0 31	9 38	0 37	19 51	0 31	13 5	1 58	5 9	0 45	10 14	1 58	23 45	16 47	19 48	19 31	16 20		n.a.
S 30	21s14	11s35	2s55	24s18	0s46	22s49	0s33	9s54	0n37	19n50	0s31	13s 7	1n58	5s 9	0s45	10n13	1s58	23n45	16n48	19n48	19n31	16n22		n.a.

Julian Day Number = 1628953.5, Delta T = 03h43m03s
Ecliptic obliquity = 23°43'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'56, Lahiri = - 7°26'55 Julian Calendar 1 Nov. 254 BCE == Greg. Calendar 28 Oct. 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 254 BCE
geocentric

DECEMBER 254 BCE (-253) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 20 46	5♐13'06	20♓ 7	23♐ 8	11♐38	27♎32	29°R36	10♏ 4	18°R50	1°R16	8♍59	2°R38	3♌47	2♊ 8	n.a.	M 1
T 2	4 24 42	6°14'22	2♈31	23°20	12°53	28°14	29♉28	10°10	18°D50	1♉14	8°59	2♌35	3°44	2°15	n.a.	T 2
W 3	4 28 39	7°15'37	14°42	23°R20	14° 9	28°56	29°20	10°17	18♓50	1°13	9° 0	2°29	3°41	2°22	n.a.	W 3
T 4	4 32 36	8°16'51	26°45	23°10	15°24	29°37	29°12	10°23	18°50	1°12	9° 0	2°21	3°38	2°28	n.a.	T 4
F 5	4 36 32	9°18'06	8♉42	22°47	16°40	0♏19	29° 4	10°30	18°51	1°11	9° 0	2°11	3°34	2°35	n.a.	F 5
S 6	4 40 29	10°19'20	20°35	22°13	17°55	1° 1	28°56	10°36	18°51	1° 9	9° 1	2° 0	3°31	2°42	n.a.	S 6
S 7	4 44 25	11°20'34	2♊27	21°27	19°10	1°42	28°48	10°43	18°51	1° 8	9° 1	1°49	3°28	2°48	n.a.	S 7
M 8	4 48 22	12°21'47	14°18	20°31	20°26	2°24	28°40	10°49	18°51	1° 7	9° 2	1°40	3°25	2°55	n.a.	M 8
T 9	4 52 18	13°23'00	26°11	19°26	21°41	3° 6	28°33	10°55	18°52	1° 6	9° 2	1°32	3°22	3° 2	n.a.	T 9
W10	4 56 15	14°24'13	8♋ 8	18°13	22°56	3°48	28°25	11° 1	18°52	1° 5	9° 2	1°27	3°18	3° 9	n.a.	W10
T 11	5 0 11	15°25'26	20° 9	16°56	24°12	4°30	28°18	11° 8	18°52	1° 3	9° 2	1°24	3°15	3°15	n.a.	T 11
F 12	5 4 8	16°26'38	2♌17	15°36	25°27	5°12	28°10	11°14	18°53	1° 2	9° 2	1°D23	3°12	3°22	n.a.	F 12
S 13	5 8 5	17°27'51	14°37	14°17	26°42	5°54	28° 3	11°20	18°53	1° 1	9° 3	1°24	3° 9	3°29	n.a.	S 13
S 14	5 12 1	18°29'02	27°11	13° 0	27°58	6°36	27°56	11°26	18°54	1° 0	9° 3	1°26	3° 6	3°35	n.a.	S 14
M15	5 15 58	19°30'14	10♍ 3	11°49	29°13	7°18	27°49	11°32	18°55	0°59	9° 3	1°27	3° 3	3°42	n.a.	M15
T 16	5 19 54	20°31'25	23°17	10°43	0♏28	8° 0	27°42	11°38	18°55	0°58	9°R 3	1°R27	2°59	3°49	n.a.	T 16
W17	5 23 51	21°32'36	6♎56	9°46	1°43	8°42	27°35	11°44	18°56	0°57	9° 3	1°26	2°56	3°56	n.a.	W17
T 18	5 27 47	22°33'46	21° 1	8°57	2°59	9°24	27°28	11°50	18°57	0°56	9° 3	1°23	2°53	4° 2	n.a.	T 18
F 19	5 31 44	23°34'56	5♏32	8°18	4°14	10° 6	27°21	11°56	18°58	0°55	9° 3	1°19	2°50	4° 9	n.a.	F 19
S 20	5 35 40	24°36'06	20°25	7°49	5°29	10°48	27°15	12° 2	18°59	0°55	9° 3	1°13	2°47	4°16	n.a.	S 20
S 21	5 39 37	25°37'15	5♐33	7°28	6°44	11°30	27° 9	12° 7	19° 0	0°54	9° 2	1° 8	2°44	4°22	n.a.	S 21
M22	5 43 34	26°38'23	20°46	7°17	8° 0	12°13	27° 2	12°13	19° 1	0°53	9° 2	1° 3	2°40	4°29	n.a.	M22
T 23	5 47 30	27°39'31	5♑53	7°D14	9°15	12°55	26°56	12°19	19° 2	0°52	9° 2	0°59	2°37	4°36	n.a.	T 23
W24	5 51 27	28°40'38	20°46	7°19	10°30	13°37	26°50	12°24	19° 3	0°51	9° 2	0°57	2°34	4°42	n.a.	W24
T 25	5 55 23	29°41'43	5♒17	7°32	11°45	14°20	26°45	12°30	19° 4	0°51	9° 1	0°D57	2°31	4°49	n.a.	T 25
F 26	5 59 20	0♑42'48	19°22	7°52	13° 0	15° 2	26°39	12°35	19° 5	0°50	9° 1	0°58	2°28	4°56	n.a.	F 26
S 27	6 3 16	1°43'51	2♓58	8°18	14°15	15°44	26°33	12°41	19° 6	0°49	9° 1	0°59	2°24	5° 3	n.a.	S 27
S 28	6 7 13	2°44'53	16° 8	8°49	15°30	16°27	26°28	12°46	19° 8	0°49	9° 0	1° 1	2°21	5° 9	n.a.	S 28
M29	6 11 10	3°45'53	28°54	9°26	16°46	17° 9	26°23	12°51	19° 9	0°48	9° 0	1°R 2	2°18	5°16	n.a.	M29
T 30	6 15 6	4°46'52	11♈21	10° 8	18° 1	17°51	26°18	12°57	19°10	0°48	8°59	1° 2	2°15	5°23	n.a.	T 30
W31	6 19 3	5♑47'50	23♈32	10♐54	19♑16	18♏34	26♉13	13♏ 2	19♓12	0♉47	8♍59	1♌ 0	2♌12	5♊29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	21s26	7s25	3s46	24s 4	0s32	23s 2	0s35	10s10	0n36	19n48	0s31	13s 9	1n58	5s 9	0s45	10n13	1s58	23n45	16n48	19n48	19n32	16n24			n.a.
T 2	21 36	3 2	4 25	23 49	0 15	23 14	0 37	10 25	0 36	19 46	0 31	13 11	1 58	5 9	0 45	10 13	1 58	23 46	16 49	19 49	19 33	16 25			n.a.
W 3	21 47	1n24	4 51	23 32	0n 2	23 25	0 39	10 41	0 35	19 45	0 31	13 13	1 58	5 9	0 44	10 12	1 58	23 46	16 49	19 50	19 34	16 27			n.a.
T 4	21 57	5 43	5 4	23 13	0 20	23 36	0 42	10 56	0 35	19 43	0 30	13 15	1 58	5 9	0 44	10 12	1 57	23 46	16 50	19 52	19 34	16 29			n.a.
F 5	22 7	9 47	5 3	22 53	0 39	23 46	0 44	11 11	0 34	19 42	0 30	13 17	1 58	5 9	0 44	10 11	1 57	23 47	16 51	19 55	19 35	16 31			n.a.
S 6	22 16	13 27	4 50	22 31	0 58	23 56	0 46	11 27	0 33	19 40	0 30	13 19	1 58	5 9	0 44	10 11	1 57	23 47	16 51	19 57	19 36	16 32			n.a.
S 7	22 24	16 36	4 23	22 9	1 18	24 4	0 48	11 42	0 33	19 39	0 30	13 21	1 58	5 8	0 44	10 11	1 57	23 48	16 52	19 59	19 37	16 34			n.a.
M 8	22 33	19 3	3 46	21 45	1 38	24 12	0 50	11 57	0 32	19 37	0 30	13 23	1 58	5 8	0 44	10 10	1 57	23 48	16 52	20 2	19 37	16 36			n.a.
T 9	22 41	20 42	2 58	21 21	1 57	24 19	0 52	12 12	0 32	19 36	0 30	13 25	1 58	5 8	0 44	10 10	1 57	23 48	16 53	20 3	19 38	16 37			n.a.
W10	22 48	21 26	2 2	20 57	2 15	24 26	0 54	12 27	0 31	19 34	0 29	13 27	1 58	5 8	0 44	10 9	1 57	23 49	16 54	20 4	19 39	16 39			n.a.
T 11	22 55	21 12	1 0	20 34	2 31	24 31	0 56	12 42	0 31	19 33	0 29	13 28	1 58	5 8	0 44	10 9	1 57	23 49	16 54	20 5	19 40	16 41			n.a.
F 12	23 1	19 58	0n 5	20 11	2 46	24 36	0 58	12 56	0 30	19 31	0 29	13 30	1 58	5 7	0 44	10 9	1 57	23 50	16 55	20 5	19 40	16 43			n.a.
S 13	23 8	17 46	1 11	19 50	2 58	24 40	0 59	13 11	0 29	19 30	0 29	13 32	1 58	5 7	0 44	10 8	1 57	23 50	16 55	20 5	19 41	16 44			n.a.
S 14	23 13	14 43	2 15	19 31	3 8	24 44	1 1	13 26	0 29	19 28	0 29	13 34	1 58	5 7	0 44	10 8	1 57	23 51	16 56	20 5	19 42	16 46			n.a.
M15	23 18	10 53	3 14	19 14	3 16	24 46	1 3	13 40	0 28	19 27	0 28	13 36	1 59	5 7	0 44	10 8	1 57	23 51	16 56	20 4	19 43	16 48			n.a.
T 16	23 23	6 26	4 5	19 0	3 21	24 48	1 5	13 54	0 28	19 25	0 28	13 38	1 59	5 6	0 44	10 8	1 57	23 52	16 57	20 4	19 43	16 49			n.a.
W17	23 27	1 33	4 43	18 49	3 24	24 49	1 6	14 9	0 27	19 24	0 28	13 39	1 59	5 6	0 44	10 7	1 57	23 52	16 58	20 5	19 44	16 51			n.a.
T 18	23 31	3s35	5 6	18 42	3 24	24 49	1 8	14 23	0 26	19 23	0 28	13 41	1 59	5 6	0 44	10 7	1 57	23 53	16 58	20 5	19 45	16 53			n.a.
F 19	23 34	8 39	5 10	18 37	3 23	24 49	1 10	14 37	0 26	19 21	0 28	13 43	1 59	5 5	0 44	10 7	1 57	23 53	16 59	20 6	19 46	16 54			n.a.
S 20	23 37	13 21	4 54	18 35	3 20	24 48	1 11	14 51	0 25	19 20	0 28	13 45	1 59	5 5	0 44	10 6	1 57	23 54	16 59	20 7	19 46	16 56			n.a.
S 21	23 39	17 16	4 17	18 36	3 16	24 46	1 13	15 5	0 24	19 19	0 27	13 46	1 59	5 5	0 44	10 6	1 57	23 55	17 0	20 9	19 47	16 58			n.a.
M22	23 41	20 3	3 22	18 40	3 10	24 43	1 14	15 18	0 24	19 17	0 27	13 48	1 59	5 4	0 44	10 6	1 57	23 55	17 1	20 10	19 48	16 59			n.a.
T 23	23 42	21 23	2 13	18 46	3 3	24 39	1 15	15 32	0 23	19 16	0 27	13 50	1 59	5 4	0 44	10 6	1 56	23 56	17 1	20 11	19 49	17 1			n.a.
W24	23 43	21 11	0 55	18 54	2 56	24 35	1 17	15 46	0 22	19 15	0 27	13 51	1 59	5 3	0 44	10 6	1 56	23 56	17 2	20 11	19 49	17 3			n.a.
T 25	23 43	19 33	0s24	19 4	2 48	24 30	1 18	15 59	0 22	19 14	0 27	13 53	1 59	5 3	0 44	10 5	1 56	23 57	17 2	20 11	19 50	17 4			n.a.
F 26	23 43	16 46	1 39	19 16	2 39	24 24	1 19	16 12	0 21	19 13	0 26	13 54	1 59	5 2	0 44	10 5	1 56	23 58	17 3	20 11	19 51	17 6			n.a.
S 27	23 43	13 7	2 47	19 29	2 30	24 17	1 20	16 25	0 20	19 12	0 26	13 56	2 0	5 2	0 43	10 5	1 56	23 58	17 3	20 11	19 51	17 8			n.a.
S 28	23 42	8 57	3 43	19 44	2 20	24 10	1 22	16 38	0 20	19 11	0 26	13 57	2 0	5 1	0 43	10 5	1 56	23 59	17 4	20 10	19 52	17 9			n.a.
M29	23 40	4 30	4 26	19 59	2 11	24 1	1 23	16 51	0 19	19 10	0 26	13 59	2 0	5 1	0 43	10 5	1 56	24 0	17 4	20 10	19 53	17 11			n.a.
T 30	23 38	0n 1	4 56	20 15	2 1	23 53	1 24	17 4	0 18	19 9	0 26	14 0	2 0	5 0	0 43	10 5	1 56	24 0	17 5	20 10	19 54	17 13			n.a.
W31	23s36	4n25	5s11	20s31	1n51	23s43	1s25	17s16	0n18	19n 8	0s25	14s 2	2n 0	4s59	0s43	10n 4	1s56	24n 1	17n 6	20n10	19n54	17n14			n.a.

Julian Day Number = 1628983.5, Delta T = 03h43m02s
Ecliptic obliquity = 23°43'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'51, Lahiri = - 7°26'51 Julian Calendar 1 Dec. 254 BCE == Greg. Calendar 27 Nov. 254 BCE

The year -253 astronomical counting style corresponds to year 254 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

JANUARY 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 22 59	6♑48'46	5♉32	11♐43	20♑31	19♏16	26°R 9	13♏ 7	19♓13	0°R47	8°R58	0°R58	2♌ 9	5♊36	n.a.	T 1
F 2	6 26 56	7°49'41	17°26	12°37	21°46	19°59	26♉ 4	13°12	19°15	0♉46	8♍58	0♌55	2° 5	5°43	n.a.	F 2
S 3	6 30 52	8°50'34	29°16	13°33	23° 1	20°41	26° 0	13°17	19°16	0°46	8°57	0°51	2° 2	5°49	n.a.	S 3
S 4	6 34 49	9°51'26	11♊ 7	14°33	24°16	21°24	25°56	13°22	19°18	0°45	8°57	0°47	1°59	5°56	n.a.	S 4
M 5	6 38 45	10°52'17	23° 1	15°35	25°31	22° 6	25°52	13°26	19°20	0°45	8°56	0°44	1°56	6° 3	n.a.	M 5
T 6	6 42 42	11°53'06	4♋59	16°40	26°46	22°49	25°48	13°31	19°21	0°45	8°55	0°41	1°53	6°10	n.a.	T 6
W 7	6 46 39	12°53'54	17° 4	17°47	28° 1	23°32	25°45	13°36	19°23	0°44	8°55	0°39	1°50	6°16	n.a.	W 7
T 8	6 50 35	13°54'40	29°17	18°56	29°15	24°14	25°41	13°40	19°25	0°44	8°54	0°D39	1°46	6°23	n.a.	T 8
F 9	6 54 32	14°55'26	11♌40	20° 7	0♒30	24°57	25°38	13°45	19°27	0°44	8°53	0°39	1°43	6°30	n.a.	F 9
S 10	6 58 28	15°56'09	24°14	21°20	1°45	25°40	25°35	13°49	19°29	0°44	8°52	0°40	1°40	6°36	n.a.	S 10
S 11	7 2 25	16°56'52	7♍ 1	22°35	3° 0	26°22	25°33	13°54	19°31	0°43	8°52	0°41	1°37	6°43	n.a.	S 11
M12	7 6 21	17°57'33	20° 3	23°51	4°15	27° 5	25°30	13°58	19°33	0°43	8°51	0°43	1°34	6°50	n.a.	M12
T 13	7 10 18	18°58'12	3♎22	25° 9	5°30	27°48	25°28	14° 2	19°35	0°43	8°50	0°43	1°30	6°56	n.a.	T 13
W14	7 14 14	19°58'51	16°59	26°28	6°44	28°31	25°25	14° 6	19°37	0°43	8°49	0°R44	1°27	7° 3	n.a.	W14
T 15	7 18 11	20°59'28	0♏54	27°48	7°59	29°14	25°23	14°11	19°39	0°D43	8°48	0°44	1°24	7°10	n.a.	T 15
F 16	7 22 8	22° 0'04	15° 8	29°10	9°14	29°57	25°22	14°15	19°41	0°43	8°47	0°43	1°21	7°17	n.a.	F 16
S 17	7 26 4	23° 0'39	29°39	0♑33	10°28	0♐39	25°20	14°18	19°43	0°43	8°46	0°42	1°18	7°23	n.a.	S 17
S 18	7 30 1	24° 1'12	14♐22	1°57	11°43	1°22	25°19	14°22	19°45	0°43	8°45	0°41	1°15	7°30	n.a.	S 18
M19	7 33 57	25° 1'44	29°11	3°22	12°58	2° 5	25°17	14°26	19°48	0°43	8°44	0°41	1°11	7°37	n.a.	M19
T 20	7 37 54	26° 2'14	13♑59	4°49	14°12	2°48	25°16	14°30	19°50	0°44	8°43	0°40	1° 8	7°43	n.a.	T 20
W21	7 41 50	27° 2'43	28°40	6°16	15°27	3°31	25°16	14°33	19°52	0°44	8°42	0°D40	1° 5	7°50	n.a.	W21
T 22	7 45 47	28° 3'09	13♒ 5	7°45	16°42	4°14	25°15	14°37	19°55	0°44	8°40	0°40	1° 2	7°57	n.a.	T 22
F 23	7 49 43	29° 3'34	27° 9	9°14	17°56	4°57	25°15	14°40	19°57	0°44	8°39	0°40	0°59	8° 3	n.a.	F 23
S 24	7 53 40	0♒ 3'57	10♓51	10°45	19°11	5°40	25°D15	14°43	19°59	0°45	8°38	0°41	0°56	8°10	n.a.	S 24
S 25	7 57 37	1° 4'18	24° 7	12°16	20°25	6°23	25°15	14°47	20° 2	0°45	8°37	0°R41	0°52	8°17	n.a.	S 25
M26	8 1 33	2° 4'37	7♈ 0	13°49	21°40	7° 6	25°15	14°50	20° 4	0°45	8°36	0°40	0°49	8°24	n.a.	M26
T 27	8 5 30	3° 4'53	19°32	15°23	22°54	7°50	25°15	14°53	20° 7	0°46	8°34	0°40	0°46	8°30	n.a.	T 27
W28	8 9 26	4° 5'08	1♉47	16°57	24° 9	8°33	25°16	14°56	20°10	0°46	8°33	0°D40	0°43	8°37	n.a.	W28
T 29	8 13 23	5° 5'20	13°49	18°33	25°23	9°16	25°17	14°59	20°12	0°47	8°32	0°40	0°40	8°44	n.a.	T 29
F 30	8 17 19	6° 5'30	25°43	20°10	26°37	9°59	25°18	15° 2	20°15	0°47	8°31	0°41	0°36	8°50	n.a.	F 30
S 31	8 21 16	7♒ 5'38	7♊33	21♑48	27♒52	10♐42	25♉19	15♏ 4	20♓18	0♉48	8♍29	0♌41	0♌33	8♊57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23s33	8n36	5s13	20s48	1n41	23s33	1s25	17s29	0n17	19n 7	0s25	14s 3	2n 0	4s59	0s43	10n 4	1s56	24n 2	17n 6	20n11	19n55	17n16		n.a.	
F 2	23 29	12 25	5 1	21 5	1 31	23 22	1 26	17 41	0 16	19 6	0 25	14 5	2 0	4 58	0 43	10 4	1 56	24 2	17 7	20 12	19 56	17 18		n.a.	
S 3	23 26	15 44	4 37	21 21	1 21	23 10	1 27	17 53	0 15	19 5	0 25	14 6	2 0	4 57	0 43	10 4	1 56	24 3	17 7	20 12	19 57	17 19		n.a.	
S 4	23 21	18 25	4 0	21 38	1 11	22 57	1 28	18 5	0 15	19 4	0 25	14 7	2 0	4 57	0 43	10 4	1 56	24 4	17 8	20 13	19 57	17 21		n.a.	
M 5	23 16	20 20	3 13	21 55	1 1	22 44	1 28	18 17	0 14	19 4	0 24	14 9	2 0	4 56	0 43	10 4	1 56	24 5	17 8	20 14	19 58	17 22		n.a.	
T 6	23 11	21 21	2 17	22 11	0 52	22 30	1 29	18 29	0 13	19 3	0 24	14 10	2 1	4 55	0 43	10 4	1 56	24 5	17 9	20 15	19 59	17 24		n.a.	
W 7	23 5	21 23	1 14	22 27	0 42	22 16	1 29	18 41	0 12	19 2	0 24	14 11	2 1	4 55	0 43	10 4	1 55	24 6	17 9	20 15	19 59	17 26		n.a.	
T 8	22 59	20 25	0 8	22 42	0 33	22 1	1 30	18 52	0 12	19 2	0 24	14 13	2 1	4 54	0 43	10 4	1 55	24 7	17 10	20 15	20 0	17 27		n.a.	
F 9	22 53	18 28	1n 1	22 57	0 24	21 45	1 30	19 3	0 11	19 1	0 24	14 14	2 1	4 53	0 43	10 4	1 55	24 8	17 10	20 15	20 1	17 29		n.a.	
S 10	22 46	15 35	2 7	23 11	0 15	21 28	1 30	19 14	0 10	19 1	0 23	14 15	2 1	4 52	0 43	10 4	1 55	24 8	17 11	20 15	20 2	17 31		n.a.	
S 11	22 38	11 56	3 8	23 25	0 6	21 11	1 31	19 25	0 9	19 0	0 23	14 16	2 1	4 51	0 43	10 4	1 55	24 9	17 11	20 15	20 2	17 32		n.a.	
M12	22 30	7 40	4 1	23 37	0s 2	20 54	1 31	19 36	0 9	19 0	0 23	14 17	2 1	4 51	0 43	10 4	1 55	24 10	17 12	20 14	20 3	17 34		n.a.	
T 13	22 22	2 57	4 42	23 49	0 11	20 35	1 31	19 47	0 8	18 59	0 23	14 19	2 1	4 50	0 43	10 4	1 55	24 11	17 12	20 14	20 4	17 35		n.a.	
W14	22 13	2s 1	5 8	23 59	0 19	20 16	1 31	19 57	0 7	18 59	0 22	14 20	2 2	4 49	0 43	10 4	1 55	24 12	17 13	20 14	20 4	17 37		n.a.	
T 15	22 4	6 59	5 17	24 9	0 27	19 57	1 31	20 7	0 6	18 59	0 22	14 21	2 2	4 48	0 43	10 4	1 55	24 12	17 13	20 14	20 5	17 39		n.a.	
F 16	21 54	11 41	5 7	24 18	0 34	19 37	1 31	20 17	0 5	18 58	0 22	14 22	2 2	4 47	0 43	10 4	1 55	24 13	17 14	20 14	20 6	17 40		n.a.	
S 17	21 44	15 48	4 38	24 25	0 42	19 16	1 31	20 27	0 5	18 58	0 22	14 23	2 2	4 46	0 43	10 4	1 55	24 14	17 14	20 14	20 7	17 42		n.a.	
S 18	21 34	19 0	3 50	24 31	0 49	18 55	1 30	20 37	0 4	18 58	0 22	14 24	2 2	4 45	0 43	10 4	1 55	24 15	17 15	20 15	20 7	17 43		n.a.	
M19	21 23	20 57	2 46	24 37	0 56	18 34	1 30	20 47	0 3	18 58	0 21	14 25	2 2	4 44	0 43	10 4	1 55	24 16	17 15	20 15	20 8	17 45		n.a.	
T 20	21 12	21 28	1 31	24 40	1 2	18 11	1 30	20 56	0 2	18 58	0 21	14 26	2 2	4 44	0 43	10 5	1 55	24 16	17 15	20 15	20 9	17 47		n.a.	
W21	21 0	20 30	0 11	24 43	1 9	17 49	1 29	21 5	0 1	18 58	0 21	14 27	2 3	4 43	0 43	10 5	1 55	24 17	17 16	20 15	20 9	17 48		n.a.	
T 22	20 48	18 11	1s 8	24 44	1 15	17 26	1 29	21 14	0 0	18 58	0 21	14 28	2 3	4 42	0 43	10 5	1 54	24 18	17 16	20 15	20 10	17 50		n.a.	
F 23	20 35	14 49	2 22	24 44	1 20	17 2	1 28	21 23	0s 0	18 58	0 21	14 28	2 3	4 41	0 43	10 5	1 54	24 19	17 17	20 15	20 11	17 51		n.a.	
S 24	20 23	10 45	3 25	24 43	1 26	16 38	1 28	21 32	0 1	18 58	0 20	14 29	2 3	4 40	0 43	10 5	1 54	24 20	17 17	20 15	20 11	17 53		n.a.	
S 25	20 9	6 16	4 15	24 40	1 31	16 13	1 27	21 40	0 2	18 58	0 20	14 30	2 3	4 39	0 42	10 5	1 54	24 21	17 17	20 15	20 12	17 55		n.a.	
M26	19 56	1 38	4 51	24 35	1 36	15 48	1 26	21 48	0 3	18 59	0 20	14 31	2 3	4 38	0 42	10 6	1 54	24 21	17 18	20 15	20 13	17 56		n.a.	
T 27	19 42	2n56	5 12	24 29	1 40	15 23	1 25	21 56	0 4	18 59	0 20	14 32	2 3	4 37	0 42	10 6	1 54	24 22	17 18	20 15	20 14	17 58		n.a.	
W28	19 28	7 16	5 17	24 22	1 44	14 57	1 24	22 4	0 5	18 59	0 20	14 32	2 4	4 35	0 42	10 6	1 54	24 23	17 19	20 15	20 14	17 59		n.a.	
T 29	19 13	11 15	5 9	24 13	1 48	14 31	1 23	22 12	0 6	19 0	0 19	14 33	2 4	4 34	0 42	10 6	1 54	24 24	17 19	20 15	20 15	18 1		n.a.	
F 30	18 58	14 45	4 48	24 2	1 52	14 4	1 22	22 19	0 7	19 0	0 19	14 34	2 4	4 33	0 42	10 6	1 54	24 25	17 19	20 15	20 16	18 2		n.a.	
S 31	18s43	17n39	4s14	23s49	1s55	13s38	1s21	22s27	0s 8	19n 1	0s19	14s34	2n 4	4s32	0s42	10n 7	1s54	24n26	17n20	20n15	20n16	18n 4		n.a.	

Julian Day Number = 1629014.5, Delta T = 03h43m01s
Ecliptic obliquity = 23°43'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'47, Lahiri = - 7°26'47 Julian Calendar 1 Jan. 253 BCE == Greg. Calendar 28 Dec. 254 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

FEBRUARY 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 25 12	8♒ 5'44	19♊24	23♉27	29♒ 6	11♐25	25♉20	15♏ 7	20♓20	0♉48	8°R28	0♌42	0♌30	9♊ 4	n.a.	S 1
M 2	8 29 9	9° 5'48	1♋20	25° 6	0♓20	12° 9	25°22	15° 9	20°23	0°49	8♍26	0°43	0°27	9°10	n.a.	M 2
T 3	8 33 6	10° 5'49	13°25	26°47	1°34	12°52	25°24	15°12	20°26	0°49	8°25	0°44	0°24	9°17	n.a.	T 3
W 4	8 37 2	11° 5'49	25°40	28°29	2°48	13°35	25°26	15°14	20°29	0°50	8°24	0°R44	0°21	9°24	n.a.	W 4
T 5	8 40 59	12° 5'46	8♌ 7	0♒13	4° 3	14°18	25°28	15°16	20°31	0°51	8°22	0°44	0°17	9°30	n.a.	T 5
F 6	8 44 55	13° 5'41	20°48	1°57	5°17	15° 2	25°30	15°18	20°34	0°51	8°21	0°43	0°14	9°37	n.a.	F 6
S 7	8 48 52	14° 5'34	3♍44	3°42	6°31	15°45	25°33	15°21	20°37	0°52	8°19	0°42	0°11	9°44	n.a.	S 7
S 8	8 52 48	15° 5'25	16°54	5°29	7°45	16°28	25°36	15°22	20°40	0°53	8°18	0°40	0° 8	9°51	n.a.	S 8
M 9	8 56 45	16° 5'15	0♎17	7°16	8°59	17°12	25°39	15°24	20°43	0°54	8°16	0°38	0° 5	9°57	n.a.	M 9
T 10	9 0 41	17° 5'02	13°53	9° 5	10°13	17°55	25°42	15°26	20°46	0°55	8°15	0°36	0° 1	10° 4	n.a.	T 10
W11	9 4 38	18° 4'48	27°40	10°55	11°26	18°38	25°45	15°28	20°49	0°56	8°13	0°34	29♋58	10°11	n.a.	W11
T 12	9 8 34	19° 4'31	11♏38	12°46	12°40	19°22	25°48	15°29	20°52	0°57	8°12	0°33	29°55	10°17	n.a.	T 12
F 13	9 12 31	20° 4'13	25°45	14°39	13°54	20° 5	25°52	15°31	20°55	0°57	8°10	0°D33	29°52	10°24	n.a.	F 13
S 14	9 16 28	21° 3'54	9♐59	16°32	15° 8	20°49	25°56	15°32	20°58	0°58	8° 9	0°34	29°49	10°31	n.a.	S 14
S 15	9 20 24	22° 3'32	24°19	18°27	16°22	21°32	26° 0	15°33	21° 1	1° 0	8° 7	0°35	29°46	10°37	n.a.	S 15
M16	9 24 21	23° 3'09	8♑40	20°23	17°35	22°16	26° 4	15°35	21° 4	1° 1	8° 5	0°37	29°42	10°44	n.a.	M16
T 17	9 28 17	24° 2'44	23° 0	22°19	18°49	22°59	26° 9	15°36	21° 7	1° 2	8° 4	0°38	29°39	10°51	n.a.	T 17
W18	9 32 14	25° 2'17	7♒15	24°17	20° 3	23°43	26°13	15°37	21°11	1° 3	8° 2	0°R38	29°36	10°57	n.a.	W18
T 19	9 36 10	26° 1'47	21°19	26°16	21°16	24°26	26°18	15°38	21°14	1° 4	8° 1	0°36	29°33	11° 4	n.a.	T 19
F 20	9 40 7	27° 1'16	5♓10	28°16	22°30	25°10	26°23	15°38	21°17	1° 5	7°59	0°34	29°30	11°11	n.a.	F 20
S 21	9 44 3	28° 0'42	18°43	0♓16	23°43	25°53	26°28	15°39	21°20	1° 6	7°57	0°30	29°27	11°18	n.a.	S 21
S 22	9 48 0	29° 0'06	1♈56	2°18	24°57	26°37	26°33	15°40	21°23	1° 7	7°56	0°25	29°23	11°24	n.a.	S 22
M23	9 51 57	29°59'28	14°49	4°19	26°10	27°20	26°38	15°40	21°27	1° 9	7°54	0°21	29°20	11°31	n.a.	M23
T 24	9 55 53	0♓58'47	27°23	6°21	27°24	28° 4	26°44	15°40	21°30	1°10	7°52	0°16	29°17	11°38	n.a.	T 24
W25	9 59 50	1°58'04	9♉40	8°23	28°37	28°47	26°50	15°41	21°33	1°11	7°51	0°13	29°14	11°44	n.a.	W25
T 26	10 3 46	2°57'19	21°44	10°25	29°50	29°31	26°55	15°41	21°36	1°13	7°49	0°11	29°11	11°51	n.a.	T 26
F 27	10 7 43	3°56'31	3♊38	12°26	1♈ 3	0♑14	27° 1	15°R41	21°40	1°14	7°47	0°D10	29° 7	11°58	n.a.	F 27
S 28	10 11 39	4°55'41	15°29	14°27	2°16	0°58	27° 8	15°41	21°43	1°15	7°46	0°11	29° 4	12° 4	n.a.	S 28
S 29	10 15 36	5♓54'49	27♊21	16♓27	3♈30	1♑42	27♉14	15♏41	21♓46	1♉17	7♍44	0♌12	29♋ 1	12♊11	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s28	19n49	3s30	23s35	1s58	13s10	1s20	22s34	0s 9	19n 1	0s19	14s35	2n 4	4s31	0s42	10n 7	1s54	24n26	17n20	20n14	20n17	18n 6		n.a.
M 2	18 12	21 7	2 36	23 20	2 0	12 43	1 19	22 40	0 9	19 2	0 19	14 36	2 4	4 30	0 42	10 7	1 54	24 27	17 20	20 14	20 18	18 7		n.a.
T 3	17 56	21 28	1 35	23 2	2 2	12 15	1 17	22 47	0 10	19 2	0 19	14 36	2 5	4 29	0 42	10 7	1 54	24 28	17 21	20 14	20 18	18 9		n.a.
W 4	17 39	20 48	0 28	22 43	2 3	11 46	1 16	22 53	0 11	19 3	0 18	14 37	2 5	4 28	0 42	10 8	1 54	24 29	17 21	20 14	20 19	18 10		n.a.
T 5	17 22	19 7	0n41	22 22	2 4	11 18	1 14	23 0	0 12	19 4	0 18	14 37	2 5	4 27	0 42	10 8	1 53	24 30	17 21	20 14	20 20	18 12		n.a.
F 6	17 5	16 27	1 49	22 0	2 5	10 49	1 13	23 6	0 13	19 5	0 18	14 38	2 5	4 25	0 42	10 8	1 53	24 31	17 22	20 14	20 20	18 13		n.a.
S 7	16 48	12 56	2 53	21 35	2 5	10 20	1 11	23 11	0 14	19 5	0 18	14 38	2 5	4 24	0 42	10 9	1 53	24 31	17 22	20 14	20 21	18 15		n.a.
S 8	16 30	8 44	3 48	21 9	2 5	9 51	1 10	23 17	0 15	19 6	0 18	14 39	2 5	4 23	0 42	10 9	1 53	24 32	17 22	20 15	20 22	18 16		n.a.
M 9	16 12	4 3	4 33	20 41	2 4	9 21	1 8	23 22	0 16	19 7	0 17	14 39	2 6	4 22	0 42	10 9	1 53	24 33	17 22	20 15	20 23	18 18		n.a.
T 10	15 54	0s54	5 2	20 11	2 3	8 51	1 6	23 27	0 17	19 8	0 17	14 39	2 6	4 21	0 42	10 10	1 53	24 34	17 23	20 16	20 23	18 19		n.a.
W11	15 36	5 52	5 15	19 39	2 2	8 21	1 5	23 32	0 18	19 9	0 17	14 40	2 6	4 19	0 42	10 10	1 53	24 35	17 23	20 16	20 24	18 21		n.a.
T 12	15 17	10 36	5 10	19 5	2 0	7 51	1 3	23 37	0 19	19 10	0 17	14 40	2 6	4 18	0 42	10 11	1 53	24 36	17 23	20 16	20 25	18 22		n.a.
F 13	14 58	14 48	4 46	18 30	1 57	7 20	1 1	23 41	0 20	19 11	0 17	14 40	2 6	4 17	0 42	10 11	1 53	24 36	17 23	20 16	20 25	18 24		n.a.
S 14	14 39	18 11	4 4	17 52	1 54	6 50	0 59	23 45	0 21	19 12	0 16	14 40	2 6	4 16	0 42	10 11	1 53	24 37	17 24	20 16	20 26	18 25		n.a.
S 15	14 19	20 29	3 7	17 13	1 50	6 19	0 57	23 49	0 22	19 13	0 16	14 41	2 7	4 15	0 42	10 12	1 53	24 38	17 24	20 16	20 27	18 27		n.a.
M16	14 0	21 28	1 58	16 32	1 46	5 48	0 55	23 53	0 23	19 14	0 16	14 41	2 7	4 13	0 42	10 12	1 53	24 39	17 24	20 16	20 27	18 29		n.a.
T 17	13 40	21 3	0 42	15 49	1 41	5 17	0 52	23 56	0 24	19 16	0 16	14 41	2 7	4 12	0 42	10 13	1 53	24 40	17 24	20 15	20 28	18 30		n.a.
W18	13 20	19 16	0s36	15 5	1 35	4 45	0 50	24 0	0 25	19 17	0 16	14 41	2 7	4 11	0 42	10 13	1 53	24 40	17 24	20 15	20 29	18 32		n.a.
T 19	13 0	16 19	1 51	14 18	1 29	4 14	0 48	24 3	0 26	19 18	0 16	14 41	2 7	4 9	0 42	10 14	1 53	24 41	17 25	20 16	20 29	18 33		n.a.
F 20	12 39	12 29	2 58	13 30	1 23	3 43	0 46	24 6	0 27	19 19	0 15	14 41	2 7	4 8	0 42	10 14	1 53	24 42	17 25	20 16	20 30	18 35		n.a.
S 21	12 18	8 6	3 54	12 41	1 15	3 11	0 43	24 8	0 29	19 21	0 15	14 41	2 7	4 7	0 42	10 14	1 52	24 43	17 25	20 17	20 31	18 36		n.a.
S 22	11 58	3 25	4 35	11 50	1 8	2 39	0 41	24 10	0 30	19 22	0 15	14 41	2 8	4 6	0 42	10 15	1 52	24 43	17 25	20 18	20 31	18 38		n.a.
M23	11 37	1n17	5 1	10 58	0 59	2 8	0 38	24 12	0 31	19 24	0 15	14 41	2 8	4 4	0 42	10 15	1 52	24 44	17 25	20 19	20 32	18 39		n.a.
T 24	11 15	5 49	5 12	10 4	0 50	1 36	0 36	24 14	0 32	19 25	0 15	14 41	2 8	4 3	0 42	10 16	1 52	24 45	17 25	20 20	20 33	18 40		n.a.
W25	10 54	10 0	5 9	9 9	0 41	1 4	0 33	24 16	0 33	19 27	0 15	14 41	2 8	4 2	0 42	10 17	1 52	24 46	17 25	20 21	20 33	18 42		n.a.
T 26	10 32	13 44	4 51	8 14	0 31	0 32	0 31	24 17	0 34	19 28	0 14	14 41	2 8	4 0	0 42	10 17	1 52	24 46	17 25	20 21	20 34	18 43		n.a.
F 27	10 11	16 51	4 21	7 17	0 21	0 0	0 28	24 18	0 35	19 30	0 14	14 41	2 8	3 59	0 42	10 18	1 52	24 47	17 25	20 21	20 35	18 45		n.a.
S 28	9 49	19 16	3 40	6 21	0 10	0n31	0 26	24 19	0 36	19 31	0 14	14 41	2 9	3 58	0 42	10 18	1 52	24 48	17 26	20 21	20 35	18 46		n.a.
S 29	9s27	20n52	2s50	5s23	0n 1	1n 3	0s23	24s20	0s37	19n33	0s14	14s41	2n 9	3s56	0s42	10n19	1s52	24n49	17n26	20n21	20n36	18n48		n.a.

Julian Day Number = 1629045.5, Delta T = 03h43m00s
Ecliptic obliquity = 23°43'28, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'43, Lahiri = - 7°26'43 Julian Calendar 1 Feb. 253 BCE == Greg. Calendar 28 Jan. 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

MARCH 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 19 32	6♓53'54	9♋18	18♓25	4♈43	2♑25	27♉20	15°R41	21♓50	1♉18	7°R42	0♌14	28♋58	12♊18	n.a.	M 1
T 2	10 23 29	7°52'57	21°26	20°21	5°56	3° 9	27°27	15♏40	21°53	1°20	7♍41	0°15	28°55	12°24	n.a.	T 2
W 3	10 27 26	8°51'57	3♌48	22°16	7° 9	3°52	27°34	15°40	21°56	1°21	7°39	0°R15	28°52	12°31	n.a.	W 3
T 4	10 31 22	9°50'55	16°28	24° 7	8°21	4°36	27°41	15°39	22° 0	1°23	7°37	0°14	28°48	12°38	n.a.	T 4
F 5	10 35 19	10°49'51	29°26	25°56	9°34	5°19	27°48	15°39	22° 3	1°24	7°36	0°11	28°45	12°44	n.a.	F 5
S 6	10 39 15	11°48'45	12♍44	27°41	10°47	6° 3	27°55	15°38	22° 6	1°26	7°34	0° 6	28°42	12°51	n.a.	S 6
S 7	10 43 12	12°47'36	26°19	29°23	12° 0	6°47	28° 2	15°37	22°10	1°28	7°33	29♋59	28°39	12°58	n.a.	S 7
M 8	10 47 8	13°46'26	10♎10	1♈ 1	13°12	7°30	28°10	15°36	22°13	1°29	7°31	29°52	28°36	13° 5	n.a.	M 8
T 9	10 51 5	14°45'13	24°12	2°34	14°25	8°14	28°18	15°36	22°17	1°31	7°29	29°45	28°33	13°11	n.a.	T 9
W10	10 55 1	15°43'59	8♏22	4° 3	15°37	8°58	28°25	15°34	22°20	1°32	7°28	29°39	28°29	13°18	n.a.	W10
T 11	10 58 58	16°42'43	22°34	5°27	16°50	9°41	28°33	15°33	22°23	1°34	7°26	29°35	28°26	13°25	n.a.	T 11
F 12	11 2 54	17°41'25	6♐47	6°46	18° 2	10°25	28°41	15°32	22°27	1°36	7°24	29°33	28°23	13°31	n.a.	F 12
S 13	11 6 51	18°40'05	20°57	7°59	19°15	11° 8	28°49	15°31	22°30	1°38	7°23	29°D32	28°20	13°38	n.a.	S 13
S 14	11 10 48	19°38'44	5♑ 4	9° 7	20°27	11°52	28°58	15°29	22°34	1°39	7°21	29°33	28°17	13°45	n.a.	S 14
M15	11 14 44	20°37'21	19° 5	10°10	21°39	12°36	29° 6	15°28	22°37	1°41	7°19	29°34	28°13	13°51	n.a.	M15
T 16	11 18 41	21°35'56	3♒ 0	11° 7	22°51	13°19	29°15	15°26	22°41	1°43	7°18	29°R34	28°10	13°58	n.a.	T 16
W17	11 22 37	22°34'29	16°47	11°58	24° 4	14° 3	29°23	15°24	22°44	1°45	7°16	29°33	28° 7	14° 5	n.a.	W17
T 18	11 26 34	23°33'01	0♓25	12°44	25°16	14°47	29°32	15°22	22°47	1°47	7°15	29°29	28° 4	14°11	n.a.	T 18
F 19	11 30 30	24°31'30	13°53	13°23	26°28	15°30	29°41	15°21	22°51	1°48	7°13	29°23	28° 1	14°18	n.a.	F 19
S 20	11 34 27	25°29'58	27° 7	13°57	27°40	16°14	29°50	15°19	22°54	1°50	7°11	29°15	27°58	14°25	n.a.	S 20
S 21	11 38 23	26°28'23	10♈ 7	14°24	28°51	16°57	29°59	15°16	22°58	1°52	7°10	29° 5	27°54	14°31	n.a.	S 21
M22	11 42 20	27°26'47	22°51	14°46	0♉ 3	17°41	0♊ 8	15°14	23° 1	1°54	7° 8	28°54	27°51	14°38	n.a.	M22
T 23	11 46 16	28°25'08	5♉20	15° 1	1°15	18°24	0°18	15°12	23° 5	1°56	7° 7	28°44	27°48	14°45	n.a.	T 23
W24	11 50 13	29°23'28	17°34	15°11	2°27	19° 8	0°27	15°10	23° 8	1°58	7° 5	28°36	27°45	14°51	n.a.	W24
T 25	11 54 10	0♈21'45	29°37	15°R15	3°38	19°51	0°37	15° 7	23°11	2° 0	7° 4	28°29	27°42	14°58	n.a.	T 25
F 26	11 58 6	1°20'01	11♊31	15°13	4°50	20°35	0°46	15° 5	23°15	2° 2	7° 2	28°24	27°38	15° 5	n.a.	F 26
S 27	12 2 3	2°18'14	23°21	15° 6	6° 1	21°18	0°56	15° 2	23°18	2° 4	7° 1	28°22	27°35	15°11	n.a.	S 27
S 28	12 5 59	3°16'25	5♋12	14°53	7°13	22° 2	1° 6	15° 0	23°22	2° 6	6°59	28°D22	27°32	15°18	n.a.	S 28
M29	12 9 56	4°14'34	17° 9	14°36	8°24	22°45	1°16	14°57	23°25	2° 8	6°58	28°22	27°29	15°25	n.a.	M29
T 30	12 13 52	5°12'41	29°17	14°15	9°35	23°29	1°26	14°54	23°28	2°10	6°56	28°R23	27°26	15°32	n.a.	T 30
W31	12 17 49	6♈10'46	11♌42	13♈49	10♉46	24♑12	1♊36	14♏51	23♓32	2♉12	6♍55	28♋22	27♋23	15♊38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	9s 5	21n32	1s52	4s26	0n13	1n35	0s20	24s20	0s38	19n35	0s14	14s40	2n 9	3s55	0s42	10n19	1s52	24n49	17n26	20n21	20n37	18n49			n.a.
T 2	8 43	21 12	0 48	3 29	0 25	2 7	0 17	24 21	0 39	19 36	0 14	14 40	2 9	3 54	0 42	10 20	1 52	24 50	17 26	20 20	20 37	18 51			n.a.
W 3	8 20	19 51	0n19	2 33	0 37	2 39	0 15	24 21	0 41	19 38	0 13	14 40	2 9	3 52	0 42	10 20	1 52	24 51	17 26	20 20	20 38	18 52			n.a.
T 4	7 58	17 28	1 27	1 37	0 49	3 10	0 12	24 20	0 42	19 40	0 13	14 40	2 9	3 51	0 42	10 21	1 52	24 51	17 26	20 20	20 39	18 54			n.a.
F 5	7 35	14 10	2 32	0 43	1 1	3 42	0 9	24 20	0 43	19 41	0 13	14 39	2 10	3 50	0 42	10 22	1 52	24 52	17 26	20 21	20 39	18 55			n.a.
S 6	7 13	10 5	3 30	0n11	1 13	4 13	0 6	24 19	0 44	19 43	0 13	14 39	2 10	3 48	0 42	10 22	1 52	24 53	17 26	20 22	20 40	18 57			n.a.
S 7	6 50	5 24	4 17	1 2	1 25	4 45	0 3	24 18	0 45	19 45	0 13	14 39	2 10	3 47	0 42	10 23	1 52	24 53	17 26	20 24	20 41	18 58			n.a.
M 8	6 27	0 22	4 50	1 52	1 36	5 16	0 0	24 17	0 46	19 47	0 13	14 38	2 10	3 45	0 42	10 23	1 52	24 54	17 26	20 25	20 41	18 59			n.a.
T 9	6 4	4s45	5 7	2 40	1 47	5 47	0n 3	24 15	0 48	19 49	0 13	14 38	2 10	3 44	0 42	10 24	1 51	24 55	17 26	20 27	20 42	19 1			n.a.
W10	5 41	9 39	5 5	3 26	1 58	6 18	0 6	24 14	0 49	19 51	0 12	14 37	2 10	3 43	0 42	10 25	1 51	24 55	17 26	20 28	20 43	19 2			n.a.
T 11	5 18	14 3	4 44	4 9	2 9	6 49	0 9	24 12	0 50	19 53	0 12	14 37	2 10	3 41	0 42	10 25	1 51	24 56	17 26	20 29	20 43	19 4			n.a.
F 12	4 55	17 40	4 6	4 50	2 18	7 20	0 12	24 10	0 51	19 55	0 12	14 36	2 11	3 40	0 42	10 26	1 51	24 56	17 26	20 29	20 44	19 5			n.a.
S 13	4 32	20 12	3 13	5 27	2 27	7 51	0 15	24 7	0 52	19 56	0 12	14 36	2 11	3 39	0 42	10 27	1 51	24 57	17 25	20 29	20 45	19 7			n.a.
S 14	4 9	21 30	2 8	6 2	2 36	8 21	0 18	24 4	0 53	19 58	0 12	14 35	2 11	3 37	0 42	10 27	1 51	24 57	17 25	20 29	20 45	19 8			n.a.
M15	3 46	21 25	0 56	6 34	2 43	8 52	0 21	24 2	0 55	20 0	0 12	14 35	2 11	3 36	0 42	10 28	1 51	24 58	17 25	20 29	20 46	19 10			n.a.
T 16	3 22	20 1	0s18	7 3	2 50	9 22	0 24	23 58	0 56	20 2	0 11	14 34	2 11	3 35	0 42	10 28	1 51	24 59	17 25	20 29	20 46	19 11			n.a.
W17	2 59	17 26	1 31	7 29	2 56	9 51	0 27	23 55	0 57	20 5	0 11	14 33	2 11	3 33	0 42	10 29	1 51	24 59	17 25	20 29	20 47	19 12			n.a.
T 18	2 35	13 55	2 38	7 51	3 1	10 21	0 30	23 52	0 58	20 7	0 11	14 33	2 11	3 32	0 42	10 30	1 51	25 0	17 25	20 30	20 48	19 14			n.a.
F 19	2 12	9 42	3 34	8 10	3 5	10 50	0 33	23 48	0 59	20 9	0 11	14 32	2 12	3 30	0 42	10 31	1 51	25 0	17 25	20 31	20 48	19 15			n.a.
S 20	1 49	5 6	4 19	8 26	3 7	11 20	0 36	23 44	1 1	20 11	0 11	14 31	2 12	3 29	0 42	10 31	1 51	25 1	17 25	20 33	20 49	19 17			n.a.
S 21	1 25	0 21	4 48	8 38	3 9	11 48	0 39	23 40	1 2	20 13	0 11	14 31	2 12	3 28	0 42	10 32	1 51	25 1	17 24	20 35	20 50	19 18			n.a.
M22	1 2	4n19	5 3	8 47	3 9	12 17	0 42	23 35	1 3	20 15	0 11	14 30	2 12	3 26	0 42	10 33	1 51	25 1	17 24	20 37	20 50	19 19			n.a.
T 23	0 38	8 42	5 2	8 53	3 8	12 45	0 45	23 30	1 4	20 17	0 10	14 29	2 12	3 25	0 42	10 33	1 51	25 2	17 24	20 39	20 51	19 21			n.a.
W24	0 15	12 40	4 48	8 54	3 6	13 13	0 48	23 25	1 6	20 19	0 10	14 28	2 12	3 24	0 42	10 34	1 51	25 2	17 24	20 41	20 52	19 22			n.a.
T 25	0n 9	16 3	4 21	8 53	3 3	13 41	0 51	23 20	1 7	20 21	0 10	14 27	2 12	3 22	0 42	10 35	1 51	25 3	17 24	20 43	20 52	19 24			n.a.
F 26	0 32	18 45	3 43	8 47	2 58	14 8	0 55	23 15	1 8	20 24	0 10	14 27	2 12	3 21	0 42	10 35	1 51	25 3	17 24	20 44	20 53	19 25			n.a.
S 27	0 56	20 38	2 56	8 39	2 52	14 35	0 58	23 9	1 9	20 26	0 10	14 26	2 13	3 19	0 42	10 36	1 51	25 4	17 23	20 44	20 53	19 26			n.a.
S 28	1 19	21 37	2 0	8 27	2 44	15 2	1 1	23 4	1 11	20 28	0 10	14 25	2 13	3 18	0 42	10 37	1 51	25 4	17 23	20 44	20 54	19 28			n.a.
M29	1 42	21 38	1 0	8 12	2 35	15 28	1 4	22 58	1 12	20 30	0 10	14 24	2 13	3 17	0 42	10 38	1 51	25 4	17 23	20 44	20 55	19 29			n.a.
T 30	2 6	20 37	0n 5	7 55	2 25	15 54	1 7	22 51	1 13	20 32	0 9	14 23	2 13	3 15	0 42	10 38	1 51	25 5	17 23	20 44	20 55	19 30			n.a.
W31	2n29	18n36	1n10	7n34	2n14	16n20	1n10	22s45	1s14	20n35	0s 9	14s22	2n13	3s14	0s42	10n39	1s51	25n 5	17n22	20n44	20n56	19n32			n.a.

Julian Day Number = 1629074.5, Delta T = 03h42m59s
Ecliptic obliquity = 23°43'29, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'39, Lahiri = - 7°26'39 Julian Calendar 1 March 253 BCE == Greg. Calendar 26 Feb. 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

APRIL 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 21 45	7♈ 8'49	24♌28	13°R20	11♉57	24♏56	1♊46	14°R48	23♓35	2♉14	6°R54	28°R19	27♋19	15♊45	n.a.	T 1
F 2	12 25 42	8° 6'50	7♍37	12♈48	13° 8	25°39	1°57	14♏45	23°38	2°16	6♍52	28♋14	27°16	15°52	n.a.	F 2
S 3	12 29 39	9° 4'49	21°10	12°13	14°19	26°22	2° 7	14°42	23°42	2°18	6°51	28° 6	27°13	15°58	n.a.	S 3
S 4	12 33 35	10° 2'46	5♎ 7	11°37	15°30	27° 6	2°18	14°39	23°45	2°20	6°50	27°57	27°10	16° 5	n.a.	S 4
M 5	12 37 32	11° 0'41	19°23	10°59	16°41	27°49	2°28	14°36	23°48	2°22	6°48	27°46	27° 7	16°12	n.a.	M 5
T 6	12 41 28	11°58'35	3♏52	10°22	17°51	28°32	2°39	14°32	23°52	2°25	6°47	27°35	27° 4	16°18	n.a.	T 6
W 7	12 45 25	12°56'28	18°28	9°44	19° 2	29°15	2°50	14°29	23°55	2°27	6°46	27°25	27° 0	16°25	n.a.	W 7
T 8	12 49 21	13°54'18	3♐ 4	9° 8	20°12	29°59	3° 1	14°26	23°58	2°29	6°44	27°18	26°57	16°32	n.a.	T 8
F 9	12 53 18	14°52'08	17°33	8°33	21°23	0♒42	3°12	14°22	24° 2	2°31	6°43	27°14	26°54	16°38	n.a.	F 9
S 10	12 57 14	15°49'57	1♑52	8° 1	22°33	1°25	3°23	14°19	24° 5	2°33	6°42	27°11	26°51	16°45	n.a.	S 10
S 11	13 1 11	16°47'44	15°58	7°30	23°43	2° 8	3°34	14°15	24° 8	2°35	6°41	27°D11	26°48	16°52	n.a.	S 11
M12	13 5 8	17°45'30	29°51	7° 4	24°53	2°51	3°45	14°11	24°11	2°38	6°40	27°R11	26°44	16°58	n.a.	M12
T 13	13 9 4	18°43'14	13♒31	6°40	26° 3	3°34	3°56	14° 8	24°14	2°40	6°39	27°10	26°41	17° 5	n.a.	T 13
W14	13 13 1	19°40'58	26°58	6°20	27°13	4°17	4° 8	14° 4	24°18	2°42	6°37	27° 8	26°38	17°12	n.a.	W14
T 15	13 16 57	20°38'40	10♓14	6° 5	28°23	5° 0	4°19	14° 0	24°21	2°44	6°36	27° 2	26°35	17°18	n.a.	T 15
F 16	13 20 54	21°36'21	23°19	5°53	29°33	5°43	4°31	13°56	24°24	2°46	6°35	26°54	26°32	17°25	n.a.	F 16
S 17	13 24 50	22°34'00	6♈12	5°47	0♊42	6°26	4°42	13°52	24°27	2°49	6°34	26°44	26°29	17°32	n.a.	S 17
S 18	13 28 47	23°31'39	18°54	5°D44	1°52	7° 9	4°54	13°48	24°30	2°51	6°33	26°31	26°25	17°38	n.a.	S 18
M19	13 32 43	24°29'16	1♉23	5°46	3° 1	7°52	5° 6	13°44	24°33	2°53	6°32	26°18	26°22	17°45	n.a.	M19
T 20	13 36 40	25°26'51	13°41	5°53	4°11	8°35	5°17	13°40	24°36	2°55	6°31	26° 4	26°19	17°52	n.a.	T 20
W21	13 40 36	26°24'26	25°49	6° 4	5°20	9°17	5°29	13°36	24°39	2°57	6°30	25°53	26°16	17°58	n.a.	W21
T 22	13 44 33	27°21'59	7♊47	6°20	6°29	10° 0	5°41	13°32	24°42	3° 0	6°29	25°44	26°13	18° 5	n.a.	T 22
F 23	13 48 30	28°19'30	19°38	6°40	7°38	10°43	5°53	13°28	24°45	3° 2	6°29	25°37	26° 9	18°12	n.a.	F 23
S 24	13 52 26	29°17'00	1♋26	7° 5	8°47	11°25	6° 5	13°24	24°48	3° 4	6°28	25°33	26° 6	18°18	n.a.	S 24
S 25	13 56 23	0♉14'29	13°15	7°33	9°56	12° 8	6°17	13°19	24°51	3° 6	6°27	25°31	26° 3	18°25	n.a.	S 25
M26	14 0 19	1°11'57	25°11	8° 6	11° 4	12°50	6°29	13°15	24°54	3° 9	6°26	25°31	26° 0	18°32	n.a.	M26
T 27	14 4 16	2° 9'23	7♌18	8°43	12°13	13°32	6°42	13°11	24°57	3°11	6°25	25°31	25°57	18°38	n.a.	T 27
W28	14 8 12	3° 6'47	19°42	9°24	13°21	14°15	6°54	13° 7	25° 0	3°13	6°25	25°30	25°54	18°45	n.a.	W28
T 29	14 12 9	4° 4'10	2♍28	10° 8	14°29	14°57	7° 6	13° 2	25° 3	3°15	6°24	25°28	25°50	18°52	n.a.	T 29
F 30	14 16 6	5♉ 1'32	15♍40	10♈57	15♊38	15♒39	7♊18	12♏58	25♓ 6	3♉18	6♍23	25♋23	25♋47	18♊59	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n52	15n38	2n14	7n11	2n 1	16n45	1n12	22s38	1s16	20n37	0s 9	14s21	2n13	3s13	0s42	10n40	1s51	25n 5	17n22	20n45	20n57	19n33		n.a.
F 2	3 15	11 47	3 13	6 46	1 48	17 10	1 15	22 32	1 17	20 39	0 9	14 20	2 13	3 11	0 42	10 41	1 51	25 6	17 22	20 46	20 57	19 34		n.a.
S 3	3 38	7 14	4 2	6 19	1 33	17 34	1 18	22 25	1 18	20 41	0 9	14 19	2 13	3 10	0 42	10 41	1 51	25 6	17 22	20 47	20 58	19 36		n.a.
S 4	4 1	2 12	4 38	5 50	1 18	17 58	1 21	22 17	1 20	20 43	0 9	14 18	2 13	3 9	0 42	10 42	1 50	25 6	17 21	20 49	20 59	19 37		n.a.
M 5	4 24	3s 5	4 58	5 21	1 2	18 22	1 24	22 10	1 21	20 46	0 9	14 17	2 13	3 7	0 42	10 43	1 50	25 6	17 21	20 51	20 59	19 39		n.a.
T 6	4 47	8 16	5 0	4 51	0 46	18 45	1 27	22 2	1 22	20 48	0 9	14 16	2 13	3 6	0 42	10 44	1 50	25 7	17 21	20 54	21 0	19 40		n.a.
W 7	5 10	13 1	4 42	4 21	0 29	19 7	1 30	21 55	1 23	20 50	0 8	14 15	2 14	3 5	0 42	10 44	1 50	25 7	17 20	20 55	21 0	19 41		n.a.
T 8	5 33	17 0	4 5	3 51	0 12	19 29	1 32	21 47	1 25	20 52	0 8	14 14	2 14	3 3	0 42	10 45	1 50	25 7	17 20	20 57	21 1	19 43		n.a.
F 9	5 56	19 55	3 13	3 21	0s 5	19 51	1 35	21 38	1 26	20 55	0 8	14 13	2 14	3 2	0 42	10 46	1 50	25 7	17 20	20 58	21 2	19 44		n.a.
S 10	6 18	21 33	2 10	2 53	0 22	20 12	1 38	21 30	1 27	20 57	0 8	14 12	2 14	3 1	0 42	10 47	1 50	25 7	17 20	20 58	21 2	19 45		n.a.
S 11	6 41	21 47	0 59	2 25	0 39	20 32	1 40	21 22	1 29	20 59	0 8	14 11	2 14	3 0	0 42	10 47	1 50	25 7	17 19	20 58	21 3	19 47		n.a.
M12	7 3	20 39	0s14	2 0	0 55	20 52	1 43	21 13	1 30	21 1	0 8	14 9	2 14	2 58	0 42	10 48	1 50	25 8	17 19	20 58	21 3	19 48		n.a.
T 13	7 25	18 20	1 25	1 36	1 10	21 12	1 45	21 4	1 31	21 4	0 8	14 8	2 14	2 57	0 42	10 49	1 50	25 8	17 18	20 58	21 4	19 49		n.a.
W14	7 47	15 1	2 31	1 15	1 25	21 31	1 48	20 55	1 33	21 6	0 8	14 7	2 14	2 56	0 42	10 50	1 50	25 8	17 18	20 59	21 5	19 50		n.a.
T 15	8 9	11 0	3 27	0 55	1 40	21 49	1 50	20 46	1 34	21 8	0 7	14 6	2 14	2 54	0 42	10 51	1 50	25 8	17 18	21 0	21 5	19 52		n.a.
F 16	8 31	6 31	4 11	0 38	1 53	22 7	1 52	20 36	1 35	21 11	0 7	14 5	2 14	2 53	0 42	10 51	1 50	25 8	17 17	21 2	21 6	19 53		n.a.
S 17	8 53	1 48	4 41	0 24	2 6	22 24	1 55	20 27	1 37	21 13	0 7	14 4	2 14	2 52	0 42	10 52	1 50	25 8	17 17	21 4	21 7	19 54		n.a.
S 18	9 15	2n54	4 57	0 13	2 17	22 41	1 57	20 17	1 38	21 15	0 7	14 2	2 14	2 51	0 42	10 53	1 50	25 8	17 17	21 6	21 7	19 56		n.a.
M19	9 36	7 26	4 59	0 4	2 28	22 57	1 59	20 7	1 39	21 17	0 7	14 1	2 14	2 50	0 42	10 54	1 50	25 8	17 16	21 9	21 8	19 57		n.a.
T 20	9 57	11 35	4 46	0s 3	2 38	23 13	2 1	19 57	1 41	21 20	0 7	14 0	2 14	2 48	0 42	10 54	1 50	25 8	17 16	21 11	21 8	19 58		n.a.
W21	10 18	15 13	4 21	0 6	2 46	23 28	2 3	19 47	1 42	21 22	0 7	13 59	2 14	2 47	0 42	10 55	1 50	25 8	17 15	21 13	21 9	20 0		n.a.
T 22	10 39	18 11	3 44	0 7	2 54	23 42	2 5	19 36	1 43	21 24	0 7	13 57	2 14	2 46	0 42	10 56	1 50	25 8	17 15	21 15	21 10	20 1		n.a.
F 23	11 0	20 22	2 58	0 5	3 1	23 56	2 7	19 26	1 45	21 26	0 6	13 56	2 14	2 45	0 42	10 57	1 50	25 8	17 15	21 16	21 10	20 2		n.a.
S 24	11 21	21 39	2 4	0 1	3 7	24 9	2 9	19 15	1 46	21 29	0 6	13 55	2 14	2 44	0 42	10 58	1 50	25 8	17 14	21 17	21 11	20 3		n.a.
S 25	11 41	21 59	1 5	0n 6	3 12	24 21	2 10	19 5	1 47	21 31	0 6	13 54	2 14	2 42	0 42	10 58	1 50	25 8	17 14	21 17	21 11	20 5		n.a.
M26	12 2	21 19	0 2	0 15	3 16	24 33	2 12	18 54	1 49	21 33	0 6	13 52	2 14	2 41	0 42	10 59	1 50	25 8	17 13	21 17	21 12	20 6		n.a.
T 27	12 22	19 40	1n 2	0 27	3 19	24 44	2 14	18 43	1 50	21 35	0 6	13 51	2 14	2 40	0 42	11 0	1 50	25 8	17 13	21 17	21 13	20 7		n.a.
W28	12 42	17 3	2 4	0 41	3 21	24 54	2 15	18 31	1 51	21 37	0 6	13 50	2 14	2 39	0 42	11 1	1 50	25 8	17 12	21 18	21 13	20 8		n.a.
T 29	13 2	13 33	3 2	0 58	3 22	25 4	2 17	18 20	1 53	21 40	0 6	13 48	2 14	2 38	0 42	11 1	1 50	25 8	17 12	21 18	21 14	20 10		n.a.
F 30	13n21	9n17	3n53	1n16	3s23	25n13	2n18	18s 9	1s54	21n42	0s 6	13s47	2n14	2s37	0s42	11n 2	1s50	25n 7	17n12	21n19	21n14	20n11		n.a.

Julian Day Number = 1629105.5, Delta T = 03h42m58s
Ecliptic obliquity = 23°43'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'35, Lahiri = - 7°26'34 Julian Calendar 1 Apr. 253 BCE == Greg. Calendar 28 March 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

MAY 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 20 2	5♉58'53	29♍19	11♈49	16♊46	16♒21	7♊31	12°R54	25♓ 8	3♉20	6°R23	25°R15	25♋44	19♊ 5	n.a.	S 1
S 2	14 23 59	6°56'12	13♎27	12°44	17°53	17° 3	7°43	12♏49	25°11	3°22	6♍22	25♋ 6	25°41	19°12	n.a.	S 2
M 3	14 27 55	7°53'31	27°58	13°43	19° 1	17°45	7°56	12°45	25°14	3°24	6°21	24°55	25°38	19°19	n.a.	M 3
T 4	14 31 52	8°50'48	12♏47	14°45	20° 9	18°27	8° 8	12°41	25°17	3°27	6°21	24°45	25°35	19°25	n.a.	T 4
W 5	14 35 48	9°48'05	27°46	15°50	21°16	19° 9	8°21	12°36	25°19	3°29	6°20	24°35	25°31	19°32	n.a.	W 5
T 6	14 39 45	10°45'21	12♐44	16°59	22°23	19°51	8°34	12°32	25°22	3°31	6°20	24°28	25°28	19°39	n.a.	T 6
F 7	14 43 41	11°42'36	27°34	18°11	23°31	20°33	8°46	12°27	25°25	3°33	6°19	24°23	25°25	19°45	n.a.	F 7
S 8	14 47 38	12°39'51	12♑ 9	19°26	24°38	21°14	8°59	12°23	25°27	3°36	6°19	24°21	25°22	19°52	n.a.	S 8
S 9	14 51 35	13°37'05	26°25	20°44	25°44	21°56	9°12	12°19	25°30	3°38	6°18	24°D21	25°19	19°59	n.a.	S 9
M10	14 55 31	14°34'19	10♒21	22° 5	26°51	22°37	9°25	12°14	25°32	3°40	6°18	24°R21	25°15	20° 5	n.a.	M10
T 11	14 59 28	15°31'32	23°57	23°29	27°58	23°19	9°37	12°10	25°35	3°42	6°18	24°21	25°12	20°12	n.a.	T 11
W12	15 3 24	16°28'45	7♓16	24°56	29° 4	24° 0	9°50	12° 5	25°37	3°44	6°17	24°19	25° 9	20°19	n.a.	W12
T 13	15 7 21	17°25'58	20°18	26°26	0♋10	24°41	10° 3	12° 1	25°40	3°47	6°17	24°15	25° 6	20°25	n.a.	T 13
F 14	15 11 17	18°23'10	3♈ 6	27°58	1°16	25°22	10°16	11°57	25°42	3°49	6°17	24° 8	25° 3	20°32	n.a.	F 14
S 15	15 15 14	19°20'22	15°42	29°34	2°22	26° 3	10°29	11°52	25°44	3°51	6°17	23°59	25° 0	20°39	n.a.	S 15
S 16	15 19 10	20°17'34	28° 7	1♉12	3°28	26°44	10°42	11°48	25°47	3°53	6°16	23°49	24°56	20°45	n.a.	S 16
M17	15 23 7	21°14'45	10♉22	2°54	4°33	27°25	10°55	11°44	25°49	3°55	6°16	23°37	24°53	20°52	n.a.	M17
T 18	15 27 4	22°11'56	22°28	4°38	5°38	28° 6	11° 8	11°39	25°51	3°58	6°16	23°26	24°50	20°59	n.a.	T 18
W19	15 31 0	23° 9'06	4♊27	6°25	6°43	28°46	11°21	11°35	25°53	4° 0	6°16	23°16	24°47	21° 5	n.a.	W19
T 20	15 34 57	24° 6'16	16°19	8°14	7°48	29°27	11°35	11°31	25°56	4° 2	6°16	23° 8	24°44	21°12	n.a.	T 20
F 21	15 38 53	25° 3'25	28° 8	10° 6	8°53	0♓ 7	11°48	11°26	25°58	4° 4	6°D16	23° 3	24°41	21°19	n.a.	F 21
S 22	15 42 50	26° 0'34	9♋55	12° 1	9°57	0°47	12° 1	11°22	26° 0	4° 6	6°16	23° 0	24°37	21°25	n.a.	S 22
S 23	15 46 46	26°57'43	21°44	13°58	11° 2	1°27	12°14	11°18	26° 2	4° 8	6°16	22°D59	24°34	21°32	n.a.	S 23
M24	15 50 43	27°54'51	3♌39	15°57	12° 6	2° 7	12°27	11°14	26° 4	4°10	6°16	22°59	24°31	21°39	n.a.	M24
T 25	15 54 39	28°51'58	15°46	17°59	13° 9	2°47	12°41	11°10	26° 6	4°12	6°16	23° 0	24°28	21°45	n.a.	T 25
W26	15 58 36	29°49'05	28° 9	20° 2	14°13	3°27	12°54	11° 6	26° 8	4°14	6°17	23°R 1	24°25	21°52	n.a.	W26
T 27	16 2 33	0♊46'12	10♍52	22° 8	15°16	4° 6	13° 7	11° 2	26°10	4°17	6°17	23° 0	24°21	21°59	n.a.	T 27
F 28	16 6 29	1°43'18	24° 1	24°14	16°19	4°46	13°21	10°58	26°12	4°19	6°17	22°58	24°18	22° 5	n.a.	F 28
S 29	16 10 26	2°40'24	7♎38	26°22	17°22	5°25	13°34	10°54	26°13	4°21	6°17	22°54	24°15	22°12	n.a.	S 29
S 30	16 14 22	3°37'29	21°44	28°31	18°25	6° 4	13°47	10°50	26°15	4°23	6°17	22°48	24°12	22°19	n.a.	S 30
M31	16 18 19	4♊34'34	6♏18	0♊41	19♋27	6♓43	14♊ 1	10♏46	26♓17	4♉25	6♍18	22♋41	24♋ 9	22♊25	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n40	4n25	4n31	1n37	3s23	25n22	2n19	17s57	1s55	21n44	0s 6	13s46	2n14	2s36	0s42	11n 3	1s50	25n 7	17n11	21n20	21n15	20n12		n.a.
S 2	14 0	0s50	4 55	2 0	3 22	25 30	2 20	17 46	1 57	21 46	0 5	13 45	2 14	2 34	0 42	11 4	1 50	25 7	17 11	21 22	21 16	20 13		n.a.
M 3	14 18	6 12	5 1	2 25	3 20	25 37	2 21	17 34	1 58	21 48	0 5	13 43	2 14	2 33	0 42	11 5	1 50	25 7	17 10	21 24	21 16	20 15		n.a.
T 4	14 37	11 18	4 47	2 51	3 17	25 43	2 22	17 22	1 59	21 50	0 5	13 42	2 14	2 32	0 42	11 5	1 50	25 7	17 10	21 26	21 17	20 16		n.a.
W 5	14 55	15 47	4 13	3 20	3 14	25 49	2 23	17 10	2 1	21 53	0 5	13 41	2 14	2 31	0 42	11 6	1 50	25 6	17 9	21 28	21 17	20 17		n.a.
T 6	15 14	19 16	3 22	3 50	3 10	25 54	2 24	16 58	2 2	21 55	0 5	13 39	2 14	2 30	0 42	11 7	1 50	25 6	17 9	21 29	21 18	20 18		n.a.
F 7	15 32	21 25	2 17	4 22	3 5	25 58	2 25	16 46	2 3	21 57	0 5	13 38	2 14	2 29	0 42	11 8	1 50	25 6	17 8	21 30	21 19	20 20		n.a.
S 8	15 49	22 6	1 4	4 55	3 0	26 2	2 25	16 33	2 5	21 59	0 5	13 37	2 14	2 28	0 42	11 8	1 50	25 6	17 8	21 30	21 19	20 21		n.a.
S 9	16 7	21 18	0s11	5 30	2 54	26 5	2 26	16 21	2 6	22 1	0 5	13 35	2 14	2 27	0 42	11 9	1 50	25 5	17 7	21 30	21 20	20 22		n.a.
M10	16 24	19 12	1 24	6 6	2 48	26 7	2 26	16 8	2 7	22 3	0 5	13 34	2 14	2 26	0 42	11 10	1 50	25 5	17 7	21 30	21 20	20 23		n.a.
T 11	16 41	16 3	2 31	6 44	2 41	26 9	2 26	15 56	2 9	22 5	0 4	13 33	2 14	2 25	0 42	11 11	1 50	25 5	17 6	21 30	21 21	20 25		n.a.
W12	16 58	12 9	3 27	7 23	2 33	26 10	2 26	15 43	2 10	22 7	0 4	13 32	2 14	2 24	0 42	11 11	1 50	25 4	17 6	21 31	21 21	20 26		n.a.
T 13	17 14	7 45	4 12	8 4	2 25	26 10	2 26	15 31	2 11	22 9	0 4	13 30	2 14	2 23	0 42	11 12	1 50	25 4	17 5	21 31	21 22	20 27		n.a.
F 14	17 30	3 5	4 43	8 45	2 16	26 9	2 26	15 18	2 13	22 11	0 4	13 29	2 14	2 22	0 42	11 13	1 50	25 4	17 5	21 32	21 23	20 28		n.a.
S 15	17 46	1n38	5 0	9 28	2 7	26 8	2 26	15 5	2 14	22 13	0 4	13 28	2 13	2 21	0 42	11 14	1 50	25 3	17 4	21 34	21 23	20 29		n.a.
S 16	18 2	6 14	5 2	10 11	1 58	26 6	2 26	14 52	2 15	22 15	0 4	13 27	2 13	2 21	0 42	11 14	1 50	25 3	17 4	21 36	21 24	20 31		n.a.
M17	18 17	10 30	4 51	10 56	1 48	26 4	2 25	14 39	2 17	22 17	0 4	13 25	2 13	2 20	0 42	11 15	1 50	25 2	17 3	21 38	21 24	20 32		n.a.
T 18	18 32	14 19	4 26	11 41	1 38	26 1	2 25	14 26	2 18	22 19	0 4	13 24	2 13	2 19	0 42	11 16	1 50	25 2	17 3	21 40	21 25	20 33		n.a.
W19	18 47	17 32	3 49	12 27	1 27	25 57	2 24	14 13	2 19	22 21	0 4	13 23	2 13	2 18	0 42	11 16	1 50	25 2	17 2	21 42	21 26	20 34		n.a.
T 20	19 1	19 59	3 3	13 13	1 17	25 53	2 23	14 0	2 21	22 23	0 3	13 22	2 13	2 17	0 42	11 17	1 50	25 1	17 2	21 43	21 26	20 35		n.a.
F 21	19 15	21 34	2 9	13 59	1 6	25 47	2 22	13 46	2 22	22 25	0 3	13 20	2 13	2 16	0 42	11 18	1 50	25 1	17 1	21 44	21 27	20 36		n.a.
S 22	19 29	22 12	1 10	14 46	0 54	25 42	2 21	13 33	2 23	22 27	0 3	13 19	2 13	2 15	0 42	11 19	1 50	25 0	17 1	21 44	21 27	20 38		n.a.
S 23	19 43	21 50	0 7	15 32	0 43	25 35	2 20	13 20	2 25	22 29	0 3	13 18	2 13	2 15	0 42	11 19	1 50	25 0	17 0	21 44	21 28	20 39		n.a.
M24	19 56	20 29	0n57	16 18	0 32	25 28	2 19	13 7	2 26	22 31	0 3	13 17	2 13	2 14	0 42	11 20	1 50	24 59	17 0	21 44	21 28	20 40		n.a.
T 25	20 9	18 12	2 0	17 4	0 21	25 21	2 17	12 53	2 27	22 32	0 3	13 16	2 12	2 13	0 43	11 21	1 50	24 59	16 59	21 44	21 29	20 41		n.a.
W26	20 21	15 2	2 58	17 49	0 9	25 12	2 16	12 40	2 28	22 34	0 3	13 15	2 12	2 12	0 43	11 21	1 50	24 58	16 59	21 44	21 30	20 42		n.a.
T 27	20 33	11 6	3 49	18 33	0n 2	25 4	2 14	12 26	2 30	22 36	0 3	13 13	2 12	2 12	0 43	11 22	1 50	24 58	16 58	21 44	21 30	20 43		n.a.
F 28	20 45	6 31	4 30	19 15	0 13	24 54	2 12	12 13	2 31	22 38	0 3	13 12	2 12	2 11	0 43	11 23	1 50	24 57	16 57	21 45	21 31	20 45		n.a.
S 29	20 57	1 29	4 57	19 57	0 23	24 44	2 10	12 0	2 32	22 40	0 3	13 11	2 12	2 10	0 43	11 23	1 50	24 56	16 57	21 45	21 31	20 46		n.a.
S 30	21 8	3s49	5 8	20 37	0 33	24 34	2 8	11 46	2 34	22 41	0 2	13 10	2 12	2 9	0 43	11 24	1 50	24 56	16 56	21 46	21 32	20 47		n.a.
M31	21n18	9s 4	4n59	21n14	0n43	24n22	2n 6	11s33	2s35	22n43	0s 2	13s 9	2n12	2s 9	0s43	11n25	1s50	24n55	16n56	21n47	21n32	20n48		n.a.

Julian Day Number = 1629135.5, Delta T = 03h42m57s
Ecliptic obliquity = 23°43'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'31, Lahiri = - 7°26'30 Julian Calendar 1 May 253 BCE == Greg. Calendar 27 Apr. 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

JUNE 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 22 15	5♊31'40	21♏13	2♊51	20♋29	7♓22	14♊14	10°R42	26♓19	4♉27	6♍18	22°R34	24♋ 6	22♊32	n.a.	T 1
W 2	16 26 12	6°28'45	6♐22	5° 2	21°30	8° 1	14°27	10♏39	26°20	4°29	6°19	22♋28	24° 2	22°39	n.a.	W 2
T 3	16 30 8	7°25'50	21°35	7°12	22°32	8°39	14°41	10°35	26°22	4°31	6°19	22°23	23°59	22°45	n.a.	T 3
F 4	16 34 5	8°22'55	6♑41	9°22	23°33	9°18	14°54	10°31	26°23	4°32	6°19	22°20	23°56	22°52	n.a.	F 4
S 5	16 38 2	9°20'01	21°33	11°31	24°33	9°56	15° 8	10°28	26°25	4°34	6°20	22°D19	23°53	22°59	n.a.	S 5
S 6	16 41 58	10°17'07	6♒ 3	13°40	25°34	10°34	15°21	10°24	26°26	4°36	6°20	22°20	23°50	23° 5	n.a.	S 6
M 7	16 45 55	11°14'14	20°10	15°47	26°34	11°12	15°34	10°21	26°28	4°38	6°21	22°21	23°47	23°12	n.a.	M 7
T 8	16 49 51	12°11'21	3♓52	17°53	27°34	11°50	15°48	10°17	26°29	4°40	6°22	22°22	23°43	23°19	n.a.	T 8
W 9	16 53 48	13° 8'28	17°10	19°58	28°33	12°28	16° 1	10°14	26°30	4°42	6°22	22°R23	23°40	23°25	n.a.	W 9
T 10	16 57 44	14° 5'36	0♈ 8	22° 1	29°32	13° 5	16°15	10°11	26°32	4°44	6°23	22°21	23°37	23°32	n.a.	T 10
F 11	17 1 41	15° 2'45	12°48	24° 3	0♌30	13°42	16°28	10° 7	26°33	4°46	6°23	22°18	23°34	23°39	n.a.	F 11
S 12	17 5 38	15°59'55	25°13	26° 3	1°29	14°19	16°42	10° 4	26°34	4°47	6°24	22°14	23°31	23°45	n.a.	S 12
S 13	17 9 34	16°57'04	7♉27	28° 2	2°26	14°56	16°55	10° 1	26°35	4°49	6°25	22° 9	23°27	23°52	n.a.	S 13
M14	17 13 31	17°54'15	19°31	29°58	3°24	15°33	17° 8	9°58	26°36	4°51	6°26	22° 2	23°24	23°59	n.a.	M14
T 15	17 17 27	18°51'26	1♊27	1♋53	4°21	16° 9	17°22	9°55	26°38	4°53	6°26	21°57	23°21	24° 5	n.a.	T 15
W16	17 21 24	19°48'38	13°19	3°47	5°17	16°46	17°35	9°52	26°39	4°54	6°27	21°51	23°18	24°12	n.a.	W16
T 17	17 25 20	20°45'51	25° 8	5°38	6°13	17°22	17°49	9°49	26°39	4°56	6°28	21°47	23°15	24°19	n.a.	T 17
F 18	17 29 17	21°43'04	6♋56	7°28	7° 9	17°57	18° 2	9°47	26°40	4°58	6°29	21°45	23°12	24°25	n.a.	F 18
S 19	17 33 13	22°40'17	18°45	9°15	8° 4	18°33	18°16	9°44	26°41	4°59	6°30	21°D44	23° 8	24°32	n.a.	S 19
S 20	17 37 10	23°37'31	0♌37	11° 1	8°59	19° 8	18°29	9°41	26°42	5° 1	6°31	21°44	23° 5	24°39	n.a.	S 20
M21	17 41 7	24°34'46	12°37	12°45	9°53	19°43	18°42	9°39	26°43	5° 3	6°32	21°45	23° 2	24°45	n.a.	M21
T 22	17 45 3	25°32'01	24°47	14°28	10°46	20°18	18°56	9°37	26°44	5° 4	6°33	21°47	22°59	24°52	n.a.	T 22
W23	17 49 0	26°29'16	7♍12	16° 8	11°39	20°53	19° 9	9°34	26°44	5° 6	6°34	21°49	22°56	24°59	n.a.	W23
T 24	17 52 56	27°26'32	19°55	17°47	12°31	21°27	19°23	9°32	26°45	5° 7	6°35	21°50	22°53	25° 5	n.a.	T 24
F 25	17 56 53	28°23'49	3♎ 1	19°24	13°23	22° 1	19°36	9°30	26°45	5° 9	6°36	21°R50	22°49	25°12	n.a.	F 25
S 26	18 0 49	29°21'06	16°31	20°59	14°14	22°35	19°49	9°28	26°46	5°10	6°37	21°49	22°46	25°19	n.a.	S 26
S 27	18 4 46	0♋18'23	0♏29	22°33	15° 5	23° 9	20° 3	9°26	26°46	5°12	6°39	21°47	22°43	25°25	n.a.	S 27
M28	18 8 42	1°15'41	14°53	24° 4	15°54	23°42	20°16	9°24	26°47	5°13	6°40	21°45	22°40	25°32	n.a.	M28
T 29	18 12 39	2°13'00	29°40	25°34	16°43	24°15	20°29	9°22	26°47	5°15	6°41	21°42	22°37	25°39	n.a.	T 29
W30	18 16 36	3♋10'20	14♐44	27♋ 2	17♌32	24♓48	20♊43	9♏20	26♓48	5♉16	6♍42	21♋40	22♋33	25♊45	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n29	13s56	4n31	21n50	0n52	24n11	2n 4	11s19	2s36	22n45	0s 2	13s 8	2n11	2s 8	0s43	11n25	1s51	24n55	16n55	21n49	21n33	20n49		n.a.
W 2	21 39	17 58	3 43	22 23	1 1	23 58	2 1	11 6	2 37	22 46	0 2	13 7	2 11	2 8	0 43	11 26	1 51	24 54	16 55	21 50	21 33	20 50		n.a.
T 3	21 49	20 49	2 39	22 54	1 9	23 46	1 58	10 52	2 39	22 48	0 2	13 6	2 11	2 7	0 43	11 27	1 51	24 53	16 54	21 50	21 34	20 51		n.a.
F 4	21 58	22 10	1 24	23 23	1 17	23 32	1 55	10 39	2 40	22 50	0 2	13 5	2 11	2 6	0 43	11 27	1 51	24 53	16 54	21 51	21 35	20 52		n.a.
S 5	22 7	21 54	0 4	23 49	1 23	23 18	1 52	10 25	2 41	22 51	0 2	13 4	2 11	2 6	0 43	11 28	1 51	24 52	16 53	21 51	21 35	20 54		n.a.
S 6	22 15	20 10	1s14	24 12	1 30	23 4	1 49	10 12	2 43	22 53	0 2	13 3	2 11	2 5	0 43	11 28	1 51	24 51	16 53	21 51	21 36	20 55		n.a.
M 7	22 24	17 14	2 25	24 32	1 35	22 49	1 46	9 58	2 44	22 54	0 2	13 2	2 10	2 5	0 43	11 29	1 51	24 51	16 52	21 51	21 36	20 56		n.a.
T 8	22 31	13 24	3 26	24 49	1 40	22 34	1 42	9 45	2 45	22 56	0 1	13 1	2 10	2 4	0 43	11 30	1 51	24 50	16 52	21 51	21 37	20 57		n.a.
W 9	22 39	9 1	4 15	25 4	1 44	22 18	1 39	9 31	2 46	22 58	0 1	13 0	2 10	2 4	0 43	11 30	1 51	24 49	16 51	21 51	21 37	20 58		n.a.
T 10	22 46	4 20	4 48	25 16	1 47	22 2	1 35	9 18	2 48	22 59	0 1	12 59	2 10	2 3	0 43	11 31	1 51	24 49	16 51	21 51	21 38	20 59		n.a.
F 11	22 52	0n25	5 7	25 25	1 50	21 46	1 31	9 4	2 49	23 1	0 1	12 59	2 10	2 3	0 43	11 31	1 51	24 48	16 50	21 51	21 38	21 0		n.a.
S 12	22 59	5 3	5 11	25 32	1 52	21 29	1 27	8 51	2 50	23 2	0 1	12 58	2 10	2 2	0 43	11 32	1 51	24 47	16 50	21 52	21 39	21 1		n.a.
S 13	23 5	9 26	5 0	25 36	1 53	21 11	1 23	8 38	2 51	23 3	0 1	12 57	2 9	2 2	0 43	11 33	1 51	24 46	16 49	21 53	21 40	21 2		n.a.
M14	23 10	13 23	4 36	25 37	1 54	20 54	1 18	8 24	2 52	23 5	0 1	12 56	2 9	2 1	0 43	11 33	1 51	24 46	16 49	21 54	21 40	21 3		n.a.
T 15	23 15	16 46	4 1	25 36	1 54	20 36	1 14	8 11	2 54	23 6	0 1	12 55	2 9	2 1	0 43	11 34	1 51	24 45	16 48	21 55	21 41	21 4		n.a.
W16	23 20	19 27	3 15	25 33	1 53	20 17	1 9	7 58	2 55	23 8	0 1	12 55	2 9	2 1	0 43	11 34	1 51	24 44	16 48	21 56	21 41	21 5		n.a.
T 17	23 24	21 18	2 21	25 28	1 52	19 58	1 4	7 45	2 56	23 9	0 1	12 54	2 9	2 0	0 43	11 35	1 51	24 43	16 47	21 56	21 42	21 7		n.a.
F 18	23 28	22 12	1 20	25 20	1 50	19 39	0 59	7 32	2 57	23 10	0 0	12 53	2 8	2 0	0 43	11 35	1 51	24 42	16 47	21 57	21 42	21 8		n.a.
S 19	23 31	22 8	0 16	25 11	1 47	19 20	0 53	7 19	2 58	23 12	0 0	12 53	2 8	2 0	0 43	11 36	1 51	24 42	16 46	21 57	21 43	21 9		n.a.
S 20	23 34	21 3	0n49	25 0	1 44	19 0	0 48	7 6	3 0	23 13	0 0	12 52	2 8	1 59	0 43	11 36	1 51	24 41	16 46	21 57	21 43	21 10		n.a.
M21	23 37	19 1	1 52	24 47	1 41	18 40	0 42	6 53	3 1	23 14	0 0	12 52	2 8	1 59	0 43	11 37	1 51	24 40	16 45	21 57	21 44	21 11		n.a.
T 22	23 39	16 7	2 52	24 32	1 37	18 20	0 36	6 40	3 2	23 15	0 0	12 51	2 7	1 59	0 43	11 37	1 51	24 39	16 45	21 56	21 44	21 12		n.a.
W23	23 41	12 26	3 45	24 16	1 32	17 59	0 30	6 27	3 3	23 17	0n 0	12 50	2 7	1 58	0 43	11 38	1 51	24 38	16 44	21 56	21 45	21 13		n.a.
T 24	23 42	8 8	4 28	23 58	1 27	17 38	0 24	6 15	3 4	23 18	0 0	12 50	2 7	1 58	0 43	11 38	1 51	24 37	16 44	21 56	21 46	21 14		n.a.
F 25	23 43	3 21	4 59	23 39	1 22	17 17	0 18	6 2	3 5	23 19	0 0	12 49	2 7	1 58	0 43	11 39	1 51	24 36	16 43	21 56	21 46	21 15		n.a.
S 26	23 43	1s45	5 14	23 19	1 16	16 56	0 11	5 50	3 7	23 20	0 0	12 49	2 7	1 58	0 44	11 39	1 51	24 36	16 43	21 56	21 47	21 16		n.a.
S 27	23 43	6 55	5 12	22 58	1 10	16 35	0 5	5 37	3 8	23 21	0 0	12 49	2 6	1 58	0 44	11 40	1 52	24 35	16 42	21 56	21 47	21 17		n.a.
M28	23 43	11 52	4 50	22 35	1 3	16 13	0s 2	5 25	3 9	23 22	0 1	12 48	2 6	1 58	0 44	11 40	1 52	24 34	16 42	21 57	21 48	21 18		n.a.
T 29	23 42	16 16	4 9	22 12	0 56	15 52	0 9	5 13	3 10	23 23	0 1	12 48	2 6	1 57	0 44	11 40	1 52	24 33	16 41	21 57	21 48	21 19		n.a.
W30	23n41	19s41	3n10	21n48	0n48	15n30	0s17	5s 0	3s11	23n24	0n 1	12s48	2n 6	1s57	0s44	11n41	1s52	24n32	16n41	21n57	21n49	21n20		n.a.

Julian Day Number = 1629166.5, Delta T = 03h42m56s
Ecliptic obliquity = 23°43'29, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'26, Lahiri = - 7°26'26 Julian Calendar 1 June 253 BCE == Greg. Calendar 28 May 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

JULY 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 20 32	4♋ 7'41	29♐56	28♋28	18♌19	25♓20	20♊56	9°R19	26♓48	5♉17	6♍44	21°R38	22♋30	25♊52	n.a.	T 1
F 2	18 24 29	5° 5'02	15♑ 7	29°52	19° 6	25°53	21° 9	9♏17	26°48	5°19	6°45	21°D37	22°27	25°59	n.a.	F 2
S 3	18 28 25	6° 2'25	0♒ 7	1♌14	19°52	26°25	21°22	9°16	26°48	5°20	6°46	21♋38	22°24	26° 5	n.a.	S 3
S 4	18 32 22	6°59'49	14°49	2°35	20°37	26°56	21°35	9°14	26°49	5°21	6°48	21°38	22°21	26°12	n.a.	S 4
M 5	18 36 18	7°57'14	29° 7	3°53	21°21	27°27	21°49	9°13	26°49	5°23	6°49	21°39	22°18	26°19	n.a.	M 5
T 6	18 40 15	8°54'41	12♓58	5° 9	22° 4	27°58	22° 2	9°12	26°R49	5°24	6°50	21°40	22°14	26°25	n.a.	T 6
W 7	18 44 11	9°52'09	26°23	6°24	22°46	28°29	22°15	9°11	26°49	5°25	6°52	21°41	22°11	26°32	n.a.	W 7
T 8	18 48 8	10°49'38	9♈24	7°36	23°28	28°59	22°28	9°10	26°49	5°26	6°53	21°R41	22° 8	26°39	n.a.	T 8
F 9	18 52 5	11°47'09	22° 3	8°45	24° 8	29°29	22°41	9° 9	26°48	5°27	6°55	21°41	22° 5	26°45	n.a.	F 9
S 10	18 56 1	12°44'41	4♉25	9°53	24°47	29°59	22°54	9° 8	26°48	5°28	6°56	21°41	22° 2	26°52	n.a.	S 10
S 11	18 59 58	13°42'15	16°32	10°58	25°25	0♈28	23° 7	9° 7	26°48	5°30	6°58	21°40	21°58	26°59	n.a.	S 11
M12	19 3 54	14°39'51	28°30	12° 1	26° 2	0°57	23°20	9° 7	26°48	5°31	7° 0	21°39	21°55	27° 5	n.a.	M12
T 13	19 7 51	15°37'28	10♊21	13° 1	26°38	1°25	23°33	9° 6	26°48	5°32	7° 1	21°38	21°52	27°12	n.a.	T 13
W14	19 11 47	16°35'06	22°10	13°58	27°12	1°53	23°46	9° 6	26°47	5°33	7° 3	21°37	21°49	27°18	n.a.	W14
T 15	19 15 44	17°32'46	3♋58	14°52	27°45	2°21	23°58	9° 5	26°47	5°34	7° 4	21°37	21°46	27°25	n.a.	T 15
F 16	19 19 41	18°30'28	15°48	15°44	28°17	2°48	24°11	9° 5	26°46	5°34	7° 6	21°D37	21°43	27°32	n.a.	F 16
S 17	19 23 37	19°28'11	27°43	16°32	28°48	3°15	24°24	9° 5	26°46	5°35	7° 8	21°37	21°39	27°38	n.a.	S 17
S 18	19 27 34	20°25'55	9♌44	17°17	29°16	3°41	24°37	9°D 5	26°45	5°36	7°10	21°37	21°36	27°45	n.a.	S 18
M19	19 31 30	21°23'41	21°54	17°58	29°44	4° 7	24°49	9° 5	26°45	5°37	7°11	21°R37	21°33	27°52	n.a.	M19
T 20	19 35 27	22°21'28	4♍15	18°35	0♍10	4°33	25° 2	9° 5	26°44	5°38	7°13	21°37	21°30	27°58	n.a.	T 20
W21	19 39 23	23°19'16	16°48	19° 9	0°34	4°58	25°15	9° 5	26°43	5°39	7°15	21°36	21°27	28° 5	n.a.	W21
T 22	19 43 20	24°17'06	29°38	19°38	0°57	5°22	25°27	9° 6	26°43	5°39	7°17	21°36	21°24	28°12	n.a.	T 22
F 23	19 47 16	25°14'57	12♎45	20° 3	1°18	5°46	25°40	9° 6	26°42	5°40	7°19	21°36	21°20	28°18	n.a.	F 23
S 24	19 51 13	26°12'49	26°13	20°23	1°37	6°10	25°52	9° 6	26°41	5°41	7°20	21°D36	21°17	28°25	n.a.	S 24
S 25	19 55 9	27°10'43	10♏ 1	20°38	1°54	6°33	26° 5	9° 7	26°40	5°41	7°22	21°36	21°14	28°32	n.a.	S 25
M26	19 59 6	28° 8'38	24°11	20°47	2° 9	6°55	26°17	9° 8	26°39	5°42	7°24	21°36	21°11	28°38	n.a.	M26
T 27	20 3 3	29° 6'35	8♐41	20°R52	2°22	7°17	26°29	9° 9	26°38	5°43	7°26	21°37	21° 8	28°45	n.a.	T 27
W28	20 6 59	0♌ 4'33	23°28	20°50	2°33	7°39	26°41	9° 9	26°37	5°43	7°28	21°38	21° 4	28°52	n.a.	W28
T 29	20 10 56	1° 2'32	8♑25	20°43	2°42	8° 0	26°54	9°10	26°36	5°44	7°30	21°38	21° 1	28°58	n.a.	T 29
F 30	20 14 52	2° 0'33	23°24	20°29	2°49	8°20	27° 6	9°12	26°35	5°44	7°32	21°R38	20°58	29° 5	n.a.	F 30
S 31	20 18 49	2♌58'36	8♒19	20♌10	2♍54	8♈40	27♊18	9♏13	26♓34	5♉45	7♍34	21♋38	20♋55	29♊12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n40	21s46	1n57	21n23	0n41	15n 8	0s24	4s48	3s12	23n26	0n 1	12s47	2n 5	1s57	0s44	11n41	1s52	24n31	16n40	21n58	21n49	21n21		n.a.
F 2	23 38	22 16	0 36	20 57	0 32	14 46	0 32	4 36	3 13	23 27	0 1	12 47	2 5	1 57	0 44	11 42	1 52	24 30	16 40	21 58	21 50	21 22		n.a.
S 3	23 35	21 8	0s47	20 31	0 24	14 24	0 40	4 25	3 14	23 28	0 1	12 47	2 5	1 57	0 44	11 42	1 52	24 29	16 40	21 58	21 50	21 23		n.a.
S 4	23 32	18 34	2 5	20 4	0 15	14 2	0 48	4 13	3 15	23 28	0 1	12 46	2 5	1 57	0 44	11 42	1 52	24 28	16 39	21 58	21 51	21 24		n.a.
M 5	23 29	14 56	3 13	19 37	0 6	13 40	0 56	4 1	3 17	23 29	0 1	12 46	2 5	1 57	0 44	11 43	1 52	24 27	16 39	21 58	21 51	21 25		n.a.
T 6	23 25	10 34	4 8	19 9	0s 3	13 18	1 5	3 50	3 18	23 30	0 1	12 46	2 4	1 57	0 44	11 43	1 52	24 26	16 38	21 57	21 52	21 26		n.a.
W 7	23 21	5 50	4 47	18 42	0 13	12 56	1 13	3 38	3 19	23 31	0 2	12 46	2 4	1 57	0 44	11 44	1 52	24 25	16 38	21 57	21 52	21 27		n.a.
T 8	23 17	0 58	5 10	18 14	0 23	12 34	1 22	3 27	3 20	23 32	0 2	12 46	2 4	1 57	0 44	11 44	1 52	24 24	16 37	21 57	21 53	21 28		n.a.
F 9	23 12	3n47	5 17	17 46	0 33	12 12	1 31	3 16	3 21	23 33	0 2	12 46	2 4	1 57	0 44	11 44	1 52	24 24	16 37	21 57	21 53	21 29		n.a.
S 10	23 6	8 17	5 9	17 18	0 43	11 50	1 41	3 5	3 22	23 34	0 2	12 46	2 3	1 57	0 44	11 45	1 52	24 23	16 37	21 57	21 54	21 30		n.a.
S 11	23 1	12 23	4 48	16 50	0 53	11 28	1 50	2 54	3 23	23 35	0 2	12 46	2 3	1 57	0 44	11 45	1 52	24 22	16 36	21 57	21 54	21 31		n.a.
M12	22 54	15 56	4 14	16 22	1 4	11 7	2 0	2 44	3 24	23 35	0 2	12 46	2 3	1 58	0 44	11 45	1 52	24 21	16 36	21 58	21 55	21 32		n.a.
T 13	22 48	18 49	3 30	15 55	1 15	10 45	2 10	2 33	3 25	23 36	0 2	12 46	2 3	1 58	0 44	11 45	1 52	24 20	16 35	21 58	21 55	21 33		n.a.
W14	22 41	20 53	2 36	15 28	1 26	10 24	2 20	2 23	3 26	23 37	0 2	12 46	2 2	1 58	0 44	11 46	1 52	24 19	16 35	21 58	21 56	21 33		n.a.
T 15	22 33	22 3	1 37	15 2	1 37	10 3	2 30	2 13	3 27	23 38	0 2	12 46	2 2	1 58	0 44	11 46	1 52	24 18	16 35	21 58	21 57	21 34		n.a.
F 16	22 26	22 15	0 32	14 36	1 48	9 42	2 40	2 3	3 28	23 38	0 2	12 46	2 2	1 58	0 44	11 46	1 52	24 17	16 34	21 58	21 57	21 35		n.a.
S 17	22 18	21 25	0n34	14 11	1 59	9 22	2 51	1 53	3 29	23 39	0 3	12 46	2 2	1 59	0 44	11 46	1 53	24 16	16 34	21 58	21 58	21 36		n.a.
S 18	22 9	19 37	1 39	13 46	2 10	9 2	3 2	1 43	3 30	23 40	0 3	12 47	2 1	1 59	0 44	11 47	1 53	24 15	16 34	21 58	21 58	21 37		n.a.
M19	22 0	16 54	2 41	13 23	2 21	8 42	3 13	1 33	3 30	23 40	0 3	12 47	2 1	1 59	0 44	11 47	1 53	24 14	16 33	21 58	21 59	21 38		n.a.
T 20	21 51	13 24	3 35	13 1	2 33	8 22	3 24	1 24	3 31	23 41	0 3	12 47	2 1	1 59	0 44	11 47	1 53	24 13	16 33	21 58	21 59	21 39		n.a.
W21	21 41	9 16	4 21	12 40	2 44	8 3	3 35	1 15	3 32	23 41	0 3	12 48	2 1	2 0	0 44	11 47	1 53	24 12	16 32	21 58	22 0	21 40		n.a.
T 22	21 31	4 39	4 55	12 21	2 54	7 44	3 47	1 6	3 33	23 42	0 3	12 48	2 0	2 0	0 44	11 48	1 53	24 11	16 32	21 58	22 0	21 41		n.a.
F 23	21 20	0s17	5 14	12 3	3 5	7 26	3 58	0 57	3 34	23 42	0 3	12 48	2 0	2 0	0 44	11 48	1 53	24 10	16 32	21 58	22 1	21 42		n.a.
S 24	21 10	5 19	5 17	11 47	3 16	7 8	4 10	0 48	3 35	23 43	0 3	12 49	2 0	2 1	0 44	11 48	1 53	24 9	16 32	21 58	22 1	21 43		n.a.
S 25	20 58	10 14	5 1	11 32	3 26	6 51	4 22	0 40	3 36	23 43	0 3	12 49	2 0	2 1	0 44	11 48	1 53	24 7	16 31	21 58	22 2	21 44		n.a.
M26	20 47	14 43	4 28	11 20	3 35	6 34	4 34	0 32	3 36	23 44	0 4	12 50	1 59	2 1	0 44	11 48	1 53	24 6	16 31	21 58	22 2	21 44		n.a.
T 27	20 35	18 27	3 37	11 10	3 44	6 18	4 46	0 23	3 37	23 44	0 4	12 50	1 59	2 2	0 45	11 48	1 53	24 5	16 31	21 58	22 3	21 45		n.a.
W28	20 23	21 4	2 30	11 3	3 53	6 3	4 58	0 16	3 38	23 45	0 4	12 51	1 59	2 2	0 45	11 48	1 53	24 4	16 30	21 58	22 3	21 46		n.a.
T 29	20 10	22 15	1 13	10 58	4 0	5 48	5 11	0 8	3 39	23 45	0 4	12 51	1 59	2 3	0 45	11 49	1 53	24 3	16 30	21 58	22 4	21 47		n.a.
F 30	19 57	21 50	0s10	10 56	4 7	5 34	5 23	0 1	3 39	23 46	0 4	12 52	1 58	2 3	0 45	11 49	1 53	24 2	16 30	21 58	22 4	21 48		n.a.
S 31	19n44	19s52	1s31	10n56	4s13	5n21	5s35	0n 7	3s40	23n46	0n 4	12s52	1n58	2s 4	0s45	11n49	1s53	24n 1	16n29	21n58	22n 5	21n49		n.a.

Julian Day Number = 1629196.5, Delta T = 03h42m55s
Ecliptic obliquity = 23°43'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'22, Lahiri = - 7°26'22 Julian Calendar 1 July 253 BCE == Greg. Calendar 27 June 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

AUGUST 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 22 45	3♌56'41	23♒ 1	19°R44	2♍56	9♈ 0	27♊30	9♏14	26°R33	5♉45	7♍36	21°R37	20♋52	29♊18	n.a.	S 1
M 2	20 26 42	4°54'47	7♓23	19♌12	2°R56	9°18	27°42	9°15	26♓32	5°46	7°38	21♋36	20°49	29°25	n.a.	M 2
T 3	20 30 38	5°52'55	21°21	18°35	2°54	9°36	27°54	9°17	26°30	5°46	7°40	21°34	20°45	29°32	n.a.	T 3
W 4	20 34 35	6°51'06	4♈53	17°51	2°50	9°54	28° 5	9°18	26°29	5°46	7°42	21°32	20°42	29°38	n.a.	W 4
T 5	20 38 32	7°49'18	17°58	17° 3	2°43	10°11	28°17	9°20	26°28	5°46	7°44	21°31	20°39	29°45	n.a.	T 5
F 6	20 42 28	8°47'33	0♉41	16°10	2°33	10°27	28°29	9°22	26°26	5°47	7°46	21°30	20°36	29°52	n.a.	F 6
S 7	20 46 25	9°45'50	13° 3	15°14	2°22	10°42	28°40	9°24	26°25	5°47	7°48	21°D29	20°33	29°58	n.a.	S 7
S 8	20 50 21	10°44'09	25°10	14°16	2° 8	10°57	28°52	9°26	26°23	5°47	7°51	21°30	20°30	0♋ 5	n.a.	S 8
M 9	20 54 18	11°42'30	7♊ 6	13°16	1°51	11°11	29° 3	9°28	26°22	5°47	7°53	21°31	20°26	0°12	n.a.	M 9
T 10	20 58 14	12°40'53	18°55	12°16	1°33	11°25	29°15	9°30	26°20	5°47	7°55	21°33	20°23	0°18	n.a.	T 10
W11	21 2 11	13°39'19	0♋43	11°17	1°12	11°38	29°26	9°32	26°19	5°48	7°57	21°35	20°20	0°25	n.a.	W11
T 12	21 6 7	14°37'47	12°33	10°21	0°49	11°50	29°37	9°34	26°17	5°48	7°59	21°36	20°17	0°32	n.a.	T 12
F 13	21 10 4	15°36'17	24°28	9°29	0°24	12° 1	29°49	9°37	26°16	5°R48	8° 1	21°R36	20°14	0°38	n.a.	F 13
S 14	21 14 1	16°34'49	6♌31	8°42	29♌57	12°11	29°59	9°39	26°14	5°48	8° 4	21°35	20°10	0°45	n.a.	S 14
S 15	21 17 57	17°33'23	18°45	8° 2	29°28	12°21	0♋11	9°42	26°12	5°48	8° 6	21°33	20° 7	0°51	n.a.	S 15
M16	21 21 54	18°31'59	1♍11	7°30	28°58	12°30	0°22	9°45	26°10	5°47	8° 8	21°29	20° 4	0°58	n.a.	M16
T 17	21 25 50	19°30'36	13°49	7° 6	28°26	12°38	0°32	9°47	26° 9	5°47	8°10	21°25	20° 1	1° 5	n.a.	T 17
W18	21 29 47	20°29'16	26°40	6°50	27°52	12°45	0°43	9°50	26° 7	5°47	8°12	21°20	19°58	1°11	n.a.	W18
T 19	21 33 43	21°27'58	9♎45	6°D45	27°18	12°52	0°54	9°53	26° 5	5°47	8°15	21°16	19°55	1°18	n.a.	T 19
F 20	21 37 40	22°26'41	23° 4	6°49	26°43	12°58	1° 4	9°56	26° 3	5°47	8°17	21°12	19°51	1°25	n.a.	F 20
S 21	21 41 36	23°25'27	6♏36	7° 2	26° 7	13° 2	1°15	9°59	26° 1	5°47	8°19	21° 9	19°48	1°31	n.a.	S 21
S 22	21 45 33	24°24'14	20°23	7°26	25°30	13° 6	1°25	10° 2	25°59	5°46	8°22	21°D 8	19°45	1°38	n.a.	S 22
M23	21 49 30	25°23'03	4♐23	7°58	24°53	13°10	1°36	10° 6	25°57	5°46	8°24	21° 8	19°42	1°45	n.a.	M23
T 24	21 53 26	26°21'54	18°36	8°40	24°17	13°12	1°46	10° 9	25°55	5°46	8°26	21°10	19°39	1°51	n.a.	T 24
W25	21 57 23	27°20'47	3♑ 0	9°30	23°40	13°13	1°56	10°12	25°53	5°45	8°28	21°11	19°36	1°58	n.a.	W25
T 26	22 1 19	28°19'41	17°33	10°27	23° 4	13°R14	2° 6	10°16	25°51	5°45	8°31	21°R12	19°32	2° 5	n.a.	T 26
F 27	22 5 16	29°18'38	2♒10	11°32	22°29	13°14	2°16	10°20	25°49	5°44	8°33	21°12	19°29	2°11	n.a.	F 27
S 28	22 9 12	0♍17'36	16°46	12°44	21°54	13°12	2°26	10°23	25°47	5°44	8°35	21° 9	19°26	2°18	n.a.	S 28
S 29	22 13 9	1°16'36	1♓13	14° 2	21°21	13°10	2°35	10°27	25°45	5°43	8°38	21° 5	19°23	2°25	n.a.	S 29
M30	22 17 5	2°15'39	15°27	15°24	20°49	13° 7	2°45	10°31	25°42	5°43	8°40	20°59	19°20	2°31	n.a.	M30
T 31	22 21 2	3♍14'43	29♓21	16♌51	20♌19	13♈ 4	2♋54	10♏35	25♓40	5♉42	8♍42	20♋53	19♋16	2♋38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	19n30	16s36	2s45	11n 0	4s18	5n 9	5s48	0n14	3s41	23n46	0n 4	12s53	1n58	2s 4	0s45	11n49	1s53	24n 0	16n29	21n58	22n 5	21n50			n.a.
M 2	19 16	12 24	3 47	11 7	4 21	4 57	6 0	0 21	3 41	23 47	0 4	12 54	1 58	2 5	0 45	11 49	1 54	23 59	16 29	21 58	22 6	21 51			n.a.
T 3	19 2	7 39	4 34	11 17	4 23	4 47	6 12	0 27	3 42	23 47	0 4	12 54	1 57	2 5	0 45	11 49	1 54	23 58	16 29	21 58	22 6	21 51			n.a.
W 4	18 47	2 40	5 3	11 30	4 23	4 37	6 24	0 33	3 43	23 47	0 5	12 55	1 57	2 6	0 45	11 49	1 54	23 57	16 28	21 59	22 7	21 52			n.a.
T 5	18 32	2n16	5 16	11 46	4 21	4 28	6 36	0 40	3 43	23 48	0 5	12 56	1 57	2 6	0 45	11 49	1 54	23 56	16 28	21 59	22 7	21 53			n.a.
F 6	18 17	6 58	5 12	12 5	4 18	4 21	6 48	0 45	3 44	23 48	0 5	12 57	1 57	2 7	0 45	11 49	1 54	23 55	16 28	21 59	22 7	21 54			n.a.
S 7	18 1	11 16	4 54	12 27	4 12	4 14	6 59	0 51	3 44	23 48	0 5	12 57	1 56	2 7	0 45	11 49	1 54	23 54	16 28	21 59	22 8	21 55			n.a.
S 8	17 45	15 1	4 24	12 51	4 5	4 9	7 10	0 57	3 45	23 48	0 5	12 58	1 56	2 8	0 45	11 49	1 54	23 53	16 27	21 59	22 8	21 56			n.a.
M 9	17 29	18 7	3 42	13 17	3 55	4 5	7 21	1 2	3 45	23 48	0 5	12 59	1 56	2 9	0 45	11 49	1 54	23 52	16 27	21 59	22 9	21 56			n.a.
T 10	17 12	20 25	2 51	13 45	3 44	4 1	7 31	1 7	3 46	23 49	0 5	13 0	1 56	2 9	0 45	11 49	1 54	23 51	16 27	21 59	22 9	21 57			n.a.
W11	16 55	21 51	1 53	14 14	3 31	3 59	7 41	1 11	3 46	23 49	0 5	13 1	1 55	2 10	0 45	11 49	1 54	23 50	16 27	21 58	22 10	21 58			n.a.
T 12	16 38	22 18	0 50	14 43	3 16	3 59	7 51	1 16	3 47	23 49	0 6	13 2	1 55	2 11	0 45	11 49	1 54	23 49	16 27	21 58	22 10	21 59			n.a.
F 13	16 21	21 45	0n16	15 12	3 0	3 59	8 0	1 20	3 47	23 49	0 6	13 3	1 55	2 11	0 45	11 49	1 54	23 48	16 27	21 58	22 11	22 0			n.a.
S 14	16 3	20 10	1 21	15 41	2 42	4 1	8 8	1 24	3 47	23 49	0 6	13 4	1 55	2 12	0 45	11 49	1 54	23 47	16 26	21 58	22 11	22 0			n.a.
S 15	15 45	17 39	2 24	16 9	2 24	4 3	8 16	1 27	3 47	23 49	0 6	13 5	1 54	2 13	0 45	11 49	1 54	23 46	16 26	21 59	22 12	22 1			n.a.
M16	15 27	14 18	3 20	16 36	2 5	4 7	8 23	1 30	3 48	23 49	0 6	13 6	1 54	2 14	0 45	11 49	1 54	23 45	16 26	21 59	22 12	22 2			n.a.
T 17	15 9	10 15	4 8	17 1	1 46	4 12	8 29	1 33	3 48	23 50	0 6	13 7	1 54	2 14	0 45	11 49	1 54	23 44	16 26	22 0	22 13	22 3			n.a.
W18	14 50	5 41	4 44	17 23	1 27	4 19	8 34	1 36	3 48	23 50	0 6	13 8	1 54	2 15	0 45	11 49	1 54	23 43	16 26	22 1	22 13	22 4			n.a.
T 19	14 31	0 47	5 6	17 43	1 7	4 26	8 39	1 39	3 48	23 50	0 6	13 9	1 54	2 16	0 45	11 48	1 55	23 42	16 26	22 1	22 14	22 4			n.a.
F 20	14 12	4s14	5 12	18 0	0 49	4 34	8 42	1 41	3 48	23 50	0 6	13 11	1 53	2 17	0 45	11 48	1 55	23 41	16 26	22 2	22 14	22 5			n.a.
S 21	13 52	9 8	5 1	18 14	0 31	4 44	8 45	1 43	3 48	23 50	0 7	13 12	1 53	2 17	0 45	11 48	1 55	23 40	16 25	22 2	22 15	22 6			n.a.
S 22	13 33	13 40	4 33	18 25	0 13	4 54	8 47	1 44	3 48	23 50	0 7	13 13	1 53	2 18	0 45	11 48	1 55	23 39	16 25	22 2	22 15	22 7			n.a.
M23	13 13	17 32	3 48	18 32	0n 3	5 6	8 48	1 46	3 48	23 50	0 7	13 14	1 53	2 19	0 45	11 48	1 55	23 38	16 25	22 2	22 16	22 7			n.a.
T 24	12 53	20 26	2 49	18 36	0 18	5 18	8 47	1 47	3 48	23 50	0 7	13 16	1 52	2 20	0 45	11 48	1 55	23 37	16 25	22 2	22 16	22 8			n.a.
W25	12 32	22 4	1 38	18 37	0 33	5 30	8 46	1 48	3 48	23 50	0 7	13 17	1 52	2 21	0 45	11 48	1 55	23 36	16 25	22 2	22 17	22 9			n.a.
T 26	12 12	22 14	0 20	18 34	0 46	5 44	8 44	1 48	3 47	23 50	0 7	13 18	1 52	2 22	0 45	11 47	1 55	23 35	16 25	22 2	22 17	22 10			n.a.
F 27	11 51	20 53	0s59	18 27	0 58	5 58	8 41	1 48	3 47	23 50	0 7	13 20	1 52	2 22	0 45	11 47	1 55	23 34	16 25	22 2	22 17	22 10			n.a.
S 28	11 30	18 8	2 15	18 17	1 8	6 12	8 38	1 48	3 46	23 50	0 7	13 21	1 52	2 23	0 45	11 47	1 55	23 33	16 25	22 2	22 18	22 11			n.a.
S 29	11 9	14 17	3 20	18 3	1 18	6 27	8 33	1 48	3 46	23 50	0 8	13 22	1 51	2 24	0 45	11 47	1 55	23 32	16 25	22 3	22 18	22 12			n.a.
M30	10 48	9 40	4 12	17 47	1 26	6 42	8 27	1 47	3 45	23 50	0 8	13 24	1 51	2 25	0 45	11 47	1 55	23 31	16 25	22 4	22 19	22 13			n.a.
T 31	10n26	4s39	4s48	17n27	1n33	6n58	8s21	1n46	3s45	23n49	0n 8	13s25	1n51	2s26	0s45	11n46	1s55	23n30	16n25	22n 5	22n19	22n13			n.a.

Julian Day Number = 1629227.5, Delta T = 03h42m54s
Ecliptic obliquity = 23°43'30, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'18, Lahiri = - 7°26'18 Julian Calendar 1 Aug. 253 BCE == Greg. Calendar 28 July 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

SEPTEMBER 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 24 58	4♍13'50	12♈53	18♌23	19°R51	12°R59	3♋ 4	10♏39	25°R38	5°R42	8♍45	20°R45	19♋13	2♋45	n.a.	W 1
T 2	22 28 55	5°13'00	26° 1	19°57	19♌24	12♈53	3°13	10°43	25♓36	5♉41	8°47	20♋39	19°10	2°51	n.a.	T 2
F 3	22 32 52	6°12'11	8♉46	21°34	19° 0	12°47	3°22	10°47	25°33	5°40	8°49	20°34	19° 7	2°58	n.a.	F 3
S 4	22 36 48	7°11'25	21°10	23°14	18°37	12°39	3°31	10°51	25°31	5°40	8°52	20°30	19° 4	3° 5	n.a.	S 4
S 5	22 40 45	8°10'42	3♊18	24°55	18°17	12°31	3°40	10°56	25°29	5°39	8°54	20°D29	19° 1	3°11	n.a.	S 5
M 6	22 44 41	9°10'01	15°14	26°38	17°59	12°22	3°49	11° 0	25°27	5°38	8°56	20°29	18°57	3°18	n.a.	M 6
T 7	22 48 38	10° 9'22	27° 3	28°21	17°44	12°12	3°58	11° 4	25°24	5°37	8°59	20°30	18°54	3°24	n.a.	T 7
W 8	22 52 34	11° 8'46	8♋51	0♍ 6	17°31	12° 1	4° 6	11° 9	25°22	5°37	9° 1	20°31	18°51	3°31	n.a.	W 8
T 9	22 56 31	12° 8'12	20°43	1°51	17°20	11°49	4°15	11°14	25°20	5°36	9° 3	20°R32	18°48	3°38	n.a.	T 9
F 10	23 0 27	13° 7'41	2♌43	3°36	17°12	11°37	4°23	11°18	25°17	5°35	9° 6	20°31	18°45	3°44	n.a.	F 10
S 11	23 4 24	14° 7'12	14°55	5°22	17° 7	11°23	4°31	11°23	25°15	5°34	9° 8	20°28	18°41	3°51	n.a.	S 11
S 12	23 8 21	15° 6'45	27°22	7° 7	17° 3	11° 9	4°39	11°28	25°12	5°33	9°10	20°22	18°38	3°58	n.a.	S 12
M13	23 12 17	16° 6'20	10♍ 5	8°52	17°D 2	10°55	4°47	11°33	25°10	5°32	9°13	20°15	18°35	4° 4	n.a.	M13
T 14	23 16 14	17° 5'57	23° 4	10°37	17° 4	10°39	4°55	11°38	25° 8	5°31	9°15	20° 5	18°32	4°11	n.a.	T 14
W15	23 20 10	18° 5'37	6♎19	12°22	17° 8	10°23	5° 2	11°43	25° 5	5°30	9°17	19°55	18°29	4°18	n.a.	W15
T 16	23 24 7	19° 5'18	19°48	14° 6	17°14	10° 6	5°10	11°48	25° 3	5°29	9°20	19°45	18°26	4°24	n.a.	T 16
F 17	23 28 3	20° 5'01	3♏28	15°50	17°22	9°48	5°17	11°53	25° 0	5°28	9°22	19°36	18°22	4°31	n.a.	F 17
S 18	23 32 0	21° 4'47	17°17	17°33	17°33	9°30	5°25	11°58	24°58	5°27	9°24	19°29	18°19	4°38	n.a.	S 18
S 19	23 35 56	22° 4'34	1♐13	19°15	17°46	9°12	5°32	12° 3	24°55	5°26	9°27	19°25	18°16	4°44	n.a.	S 19
M20	23 39 53	23° 4'23	15°14	20°57	18° 1	8°53	5°39	12° 9	24°53	5°25	9°29	19°23	18°13	4°51	n.a.	M20
T 21	23 43 49	24° 4'14	29°19	22°39	18°17	8°33	5°45	12°14	24°50	5°23	9°31	19°D23	18°10	4°58	n.a.	T 21
W22	23 47 46	25° 4'07	13♑27	24°20	18°36	8°13	5°52	12°19	24°48	5°22	9°34	19°R23	18° 7	5° 4	n.a.	W22
T 23	23 51 43	26° 4'01	27°37	26° 0	18°57	7°53	5°59	12°25	24°46	5°21	9°36	19°23	18° 3	5°11	n.a.	T 23
F 24	23 55 39	27° 3'57	11♒48	27°40	19°20	7°32	6° 5	12°30	24°43	5°20	9°38	19°21	18° 0	5°18	n.a.	F 24
S 25	23 59 36	28° 3'55	25°57	29°19	19°44	7°11	6°11	12°36	24°41	5°19	9°40	19°17	17°57	5°24	n.a.	S 25
S 26	0 3 32	29° 3'55	10♓ 0	0♎58	20°10	6°50	6°17	12°42	24°38	5°17	9°43	19° 9	17°54	5°31	n.a.	S 26
M27	0 7 29	0♎ 3'56	23°53	2°36	20°38	6°29	6°23	12°47	24°36	5°16	9°45	18°59	17°51	5°37	n.a.	M27
T 28	0 11 25	1° 4'00	7♈32	4°13	21° 7	6° 8	6°29	12°53	24°33	5°15	9°47	18°48	17°47	5°44	n.a.	T 28
W29	0 15 22	2° 4'05	20°53	5°51	21°38	5°46	6°34	12°59	24°31	5°13	9°49	18°35	17°44	5°51	n.a.	W29
T 30	0 19 18	3♎ 4'13	3♉55	7♎27	22♌11	5♈25	6♋40	13♏ 5	24♓28	5♉12	9♍51	18♋23	17♋41	5♋57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n 4	0n27	5s 6	17n 4	1n39	7n13	8s14	1n45	3s44	23n49	0n 8	13s27	1n51	2s27	0s45	11n46	1s55	23n29	16n25	22n 6	22n20	22n14		n.a.
T 2	9 43	5 23	5 8	16 39	1 44	7 29	8 6	1 44	3 43	23 49	0 8	13 28	1 50	2 28	0 45	11 46	1 55	23 28	16 25	22 7	22 20	22 15		n.a.
F 3	9 21	9 57	4 54	16 11	1 48	7 44	7 58	1 42	3 42	23 49	0 8	13 30	1 50	2 29	0 45	11 45	1 55	23 28	16 25	22 8	22 21	22 15		n.a.
S 4	8 58	13 59	4 26	15 41	1 51	8 0	7 49	1 40	3 41	23 49	0 8	13 31	1 50	2 30	0 45	11 45	1 55	23 27	16 25	22 8	22 21	22 16		n.a.
S 5	8 36	17 21	3 47	15 9	1 53	8 15	7 39	1 38	3 40	23 49	0 9	13 33	1 50	2 30	0 45	11 45	1 56	23 26	16 25	22 9	22 22	22 17		n.a.
M 6	8 14	19 56	2 59	14 35	1 54	8 30	7 29	1 35	3 39	23 49	0 9	13 34	1 50	2 31	0 45	11 45	1 56	23 25	16 25	22 9	22 22	22 17		n.a.
T 7	7 51	21 38	2 3	13 59	1 55	8 44	7 19	1 32	3 38	23 49	0 9	13 36	1 49	2 32	0 45	11 44	1 56	23 24	16 25	22 8	22 22	22 18		n.a.
W 8	7 28	22 23	1 3	13 21	1 55	8 59	7 8	1 29	3 37	23 49	0 9	13 37	1 49	2 33	0 45	11 44	1 56	23 23	16 25	22 8	22 23	22 19		n.a.
T 9	7 5	22 7	0n 1	12 42	1 54	9 12	6 57	1 26	3 35	23 48	0 9	13 39	1 49	2 34	0 45	11 44	1 56	23 22	16 25	22 8	22 23	22 20		n.a.
F 10	6 42	20 51	1 5	12 2	1 52	9 26	6 45	1 22	3 34	23 48	0 9	13 41	1 49	2 35	0 45	11 43	1 56	23 21	16 25	22 8	22 24	22 20		n.a.
S 11	6 19	18 35	2 7	11 21	1 50	9 38	6 34	1 18	3 32	23 48	0 9	13 42	1 49	2 36	0 45	11 43	1 56	23 20	16 25	22 9	22 24	22 21		n.a.
S 12	5 56	15 25	3 4	10 39	1 47	9 51	6 22	1 14	3 31	23 48	0 10	13 44	1 48	2 37	0 45	11 43	1 56	23 20	16 25	22 10	22 25	22 22		n.a.
M13	5 33	11 28	3 54	9 57	1 44	10 2	6 10	1 10	3 29	23 48	0 10	13 46	1 48	2 38	0 45	11 42	1 56	23 19	16 25	22 11	22 25	22 22		n.a.
T 14	5 9	6 56	4 32	9 13	1 41	10 13	5 58	1 6	3 27	23 48	0 10	13 47	1 48	2 39	0 45	11 42	1 56	23 18	16 25	22 12	22 26	22 23		n.a.
W15	4 46	1 59	4 56	8 29	1 37	10 24	5 46	1 1	3 25	23 48	0 10	13 49	1 48	2 40	0 45	11 41	1 56	23 17	16 25	22 14	22 26	22 23		n.a.
T 16	4 22	3s 9	5 4	7 45	1 33	10 34	5 33	0 56	3 23	23 47	0 10	13 51	1 48	2 41	0 45	11 41	1 56	23 16	16 26	22 15	22 26	22 24		n.a.
F 17	3 58	8 11	4 56	7 0	1 28	10 43	5 21	0 51	3 21	23 47	0 10	13 53	1 48	2 42	0 45	11 41	1 56	23 16	16 26	22 16	22 27	22 25		n.a.
S 18	3 35	12 53	4 30	6 15	1 23	10 51	5 9	0 46	3 19	23 47	0 10	13 54	1 47	2 43	0 45	11 40	1 56	23 15	16 26	22 17	22 27	22 25		n.a.
S 19	3 11	16 56	3 48	5 30	1 18	10 59	4 57	0 41	3 16	23 47	0 11	13 56	1 47	2 44	0 45	11 40	1 56	23 14	16 26	22 18	22 28	22 26		n.a.
M20	2 47	20 3	2 52	4 44	1 13	11 6	4 45	0 36	3 14	23 47	0 11	13 58	1 47	2 45	0 45	11 39	1 56	23 13	16 26	22 18	22 28	22 27		n.a.
T 21	2 23	21 58	1 45	3 58	1 7	11 12	4 33	0 30	3 11	23 47	0 11	14 0	1 47	2 46	0 45	11 39	1 56	23 12	16 26	22 18	22 29	22 27		n.a.
W22	1 59	22 31	0 32	3 13	1 1	11 18	4 21	0 25	3 9	23 47	0 11	14 2	1 47	2 47	0 45	11 39	1 56	23 12	16 26	22 18	22 29	22 28		n.a.
T 23	1 35	21 36	0s44	2 27	0 55	11 23	4 9	0 19	3 6	23 46	0 11	14 3	1 46	2 48	0 45	11 38	1 56	23 11	16 27	22 18	22 29	22 28		n.a.
F 24	1 11	19 19	1 56	1 41	0 49	11 27	3 57	0 13	3 3	23 46	0 11	14 5	1 46	2 49	0 45	11 38	1 56	23 10	16 27	22 19	22 30	22 29		n.a.
S 25	0 47	15 51	3 1	0 56	0 43	11 30	3 45	0 8	3 0	23 46	0 11	14 7	1 46	2 50	0 45	11 37	1 56	23 10	16 27	22 19	22 30	22 30		n.a.
S 26	0 23	11 31	3 55	0 10	0 37	11 33	3 34	0 2	2 57	23 46	0 12	14 9	1 46	2 51	0 45	11 37	1 56	23 9	16 27	22 20	22 31	22 30		n.a.
M27	0s 2	6 38	4 34	0s35	0 30	11 35	3 23	0s 4	2 54	23 46	0 12	14 11	1 46	2 52	0 45	11 36	1 56	23 8	16 27	22 22	22 31	22 31		n.a.
T 28	0 26	1 30	4 56	1 20	0 24	11 36	3 11	0 9	2 51	23 46	0 12	14 13	1 46	2 53	0 45	11 36	1 57	23 7	16 28	22 23	22 32	22 31		n.a.
W29	0 50	3n36	5 1	2 5	0 17	11 37	3 0	0 15	2 48	23 46	0 12	14 15	1 46	2 54	0 45	11 35	1 57	23 7	16 28	22 25	22 32	22 32		n.a.
T 30	1s14	8n25	4s51	2s50	0n11	11n37	2s50	0s20	2s45	23n46	0n12	14s17	1n45	2s55	0s45	11n35	1s57	23n 6	16n28	22n27	22n32	22n33		n.a.

Julian Day Number = 1629258.5, Delta T = 03h42m53s
Ecliptic obliquity = 23°43'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'14, Lahiri = - 7°26'13 Julian Calendar 1 Sept. 253 BCE == Greg. Calendar 28 Aug. 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

OCTOBER 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 23 15	4♎ 4'22	16♉37	9♎ 3	22♌45	5°R 4	6♋45	13♏11	24°R26	5°R11	9♍54	18°R13	17♋38	6♋ 4	n.a.	F 1
S 2	0 27 12	5° 4'34	29° 0	10°39	23°20	4♈43	6°50	13°17	24♓24	5♉ 9	9°56	18♋ 6	17°35	6°11	n.a.	S 2
S 3	0 31 8	6° 4'48	11♊ 8	12°14	23°57	4°21	6°55	13°23	24°21	5° 8	9°58	18° 1	17°32	6°17	n.a.	S 3
M 4	0 35 5	7° 5'04	23° 3	13°49	24°35	4° 0	7° 0	13°29	24°19	5° 6	10° 0	17°58	17°28	6°24	n.a.	M 4
T 5	0 39 1	8° 5'22	4♋53	15°23	25°15	3°40	7° 4	13°35	24°16	5° 5	10° 2	17°D57	17°25	6°31	n.a.	T 5
W 6	0 42 58	9° 5'42	16°40	16°57	25°55	3°19	7° 9	13°41	24°14	5° 3	10° 4	17°R57	17°22	6°37	n.a.	W 6
T 7	0 46 54	10° 6'05	28°33	18°31	26°37	2°59	7°13	13°47	24°12	5° 2	10° 6	17°57	17°19	6°44	n.a.	T 7
F 8	0 50 51	11° 6'29	10♌35	20° 4	27°20	2°40	7°17	13°53	24° 9	5° 0	10° 9	17°55	17°16	6°51	n.a.	F 8
S 9	0 54 47	12° 6'56	22°51	21°37	28° 4	2°20	7°21	14° 0	24° 7	4°59	10°11	17°51	17°13	6°57	n.a.	S 9
S 10	0 58 44	13° 7'24	5♍26	23° 9	28°49	2° 1	7°24	14° 6	24° 5	4°57	10°13	17°44	17° 9	7° 4	n.a.	S 10
M11	1 2 41	14° 7'54	18°22	24°41	29°35	1°43	7°28	14°12	24° 3	4°56	10°15	17°35	17° 6	7°11	n.a.	M11
T 12	1 6 37	15° 8'26	1♎40	26°13	0♍22	1°25	7°31	14°19	24° 0	4°54	10°17	17°23	17° 3	7°17	n.a.	T 12
W13	1 10 34	16° 9'00	15°18	27°45	1°10	1° 8	7°34	14°25	23°58	4°53	10°19	17°10	17° 0	7°24	n.a.	W13
T 14	1 14 30	17° 9'36	29°13	29°16	1°58	0°51	7°37	14°32	23°56	4°51	10°21	16°57	16°57	7°30	n.a.	T 14
F 15	1 18 27	18°10'13	13♏20	0♏47	2°48	0°35	7°40	14°38	23°54	4°49	10°23	16°45	16°53	7°37	n.a.	F 15
S 16	1 22 23	19°10'51	27°35	2°17	3°38	0°20	7°43	14°45	23°52	4°48	10°25	16°36	16°50	7°44	n.a.	S 16
S 17	1 26 20	20°11'31	11♐52	3°47	4°29	0° 6	7°45	14°51	23°49	4°46	10°27	16°30	16°47	7°50	n.a.	S 17
M18	1 30 16	21°12'13	26° 7	5°17	5°21	29♓52	7°47	14°58	23°47	4°44	10°28	16°27	16°44	7°57	n.a.	M18
T 19	1 34 13	22°12'56	10♑18	6°47	6°14	29°39	7°49	15° 5	23°45	4°43	10°30	16°26	16°41	8° 4	n.a.	T 19
W20	1 38 9	23°13'40	24°23	8°16	7° 7	29°26	7°51	15°11	23°43	4°41	10°32	16°26	16°38	8°10	n.a.	W20
T 21	1 42 6	24°14'25	8♒22	9°45	8° 2	29°15	7°53	15°18	23°41	4°39	10°34	16°26	16°34	8°17	n.a.	T 21
F 22	1 46 3	25°15'11	22°14	11°13	8°56	29° 4	7°54	15°25	23°39	4°38	10°36	16°24	16°31	8°24	n.a.	F 22
S 23	1 49 59	26°15'58	5♓59	12°41	9°52	28°54	7°55	15°31	23°37	4°36	10°38	16°19	16°28	8°30	n.a.	S 23
S 24	1 53 56	27°16'46	19°35	14° 8	10°48	28°45	7°56	15°38	23°35	4°34	10°39	16°11	16°25	8°37	n.a.	S 24
M25	1 57 52	28°17'36	3♈ 2	15°34	11°44	28°37	7°57	15°45	23°33	4°33	10°41	16° 0	16°22	8°44	n.a.	M25
T 26	2 1 49	29°18'26	16°18	17° 0	12°41	28°29	7°58	15°52	23°31	4°31	10°43	15°48	16°18	8°50	n.a.	T 26
W27	2 5 45	0♏19'18	29°20	18°25	13°39	28°22	7°58	15°59	23°30	4°29	10°45	15°34	16°15	8°57	n.a.	W27
T 28	2 9 42	1°20'11	12♉ 7	19°50	14°37	28°17	7°58	16° 5	23°28	4°28	10°46	15°22	16°12	9° 4	n.a.	T 28
F 29	2 13 38	2°21'06	24°39	21°13	15°36	28°12	7°R58	16°12	23°26	4°26	10°48	15°11	16° 9	9°10	n.a.	F 29
S 30	2 17 35	3°22'02	6♊56	22°35	16°35	28° 7	7°58	16°19	23°24	4°24	10°50	15° 2	16° 6	9°17	n.a.	S 30
S 31	2 21 32	4♏22'59	19♊ 0	23♏56	17♍35	28♓ 4	7♋58	16♏26	23♓23	4♉23	10♍51	14♋56	16♋ 3	9♋23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s38	12n45	4s26	3s34	0n 4	11n36	2s39	0s26	2s42	23n45	0n12	14s19	1n45	2s56	0s45	11n34	1s57	23n 6	16n28	22n28	22n33	22n33		n.a.
S 2	2 2	16 27	3 49	4 18	0s 2	11 34	2 28	0 31	2 38	23 45	0 13	14 21	1 45	2 57	0 45	11 34	1 57	23 5	16 29	22 29	22 33	22 34		n.a.
S 3	2 27	19 22	3 2	5 2	0 9	11 32	2 18	0 37	2 35	23 45	0 13	14 23	1 45	2 58	0 45	11 33	1 57	23 4	16 29	22 30	22 34	22 34		n.a.
M 4	2 51	21 25	2 8	5 45	0 16	11 28	2 8	0 42	2 31	23 45	0 13	14 25	1 45	2 59	0 45	11 33	1 57	23 4	16 29	22 30	22 34	22 35		n.a.
T 5	3 15	22 29	1 9	6 28	0 22	11 25	1 58	0 47	2 28	23 45	0 13	14 26	1 45	2 59	0 45	11 32	1 57	23 3	16 29	22 30	22 35	22 35		n.a.
W 6	3 39	22 33	0 7	7 11	0 29	11 20	1 48	0 52	2 24	23 45	0 13	14 28	1 44	3 0	0 45	11 32	1 57	23 2	16 30	22 30	22 35	22 36		n.a.
T 7	4 3	21 37	0n56	7 53	0 35	11 15	1 39	0 57	2 21	23 45	0 13	14 30	1 44	3 1	0 45	11 31	1 57	23 2	16 30	22 30	22 35	22 36		n.a.
F 8	4 27	19 40	1 57	8 35	0 42	11 9	1 29	1 1	2 17	23 45	0 14	14 32	1 44	3 2	0 45	11 31	1 57	23 1	16 30	22 31	22 36	22 37		n.a.
S 9	4 51	16 47	2 54	9 16	0 48	11 2	1 20	1 6	2 13	23 45	0 14	14 34	1 44	3 3	0 45	11 30	1 57	23 1	16 30	22 31	22 36	22 37		n.a.
S 10	5 14	13 5	3 43	9 57	0 55	10 55	1 11	1 10	2 10	23 45	0 14	14 36	1 44	3 4	0 45	11 30	1 57	23 0	16 31	22 32	22 37	22 38		n.a.
M11	5 38	8 40	4 23	10 37	1 1	10 47	1 2	1 14	2 6	23 45	0 14	14 39	1 44	3 5	0 45	11 29	1 57	23 0	16 31	22 33	22 37	22 38		n.a.
T 12	6 2	3 45	4 49	11 17	1 7	10 39	0 53	1 18	2 2	23 45	0 14	14 41	1 44	3 6	0 45	11 29	1 57	22 59	16 31	22 35	22 37	22 39		n.a.
W13	6 26	1s29	5 0	11 56	1 13	10 29	0 45	1 21	1 59	23 45	0 14	14 43	1 44	3 7	0 45	11 28	1 57	22 59	16 32	22 37	22 38	22 39		n.a.
T 14	6 49	6 45	4 53	12 34	1 19	10 20	0 37	1 24	1 55	23 45	0 15	14 45	1 43	3 8	0 45	11 27	1 57	22 58	16 32	22 38	22 38	22 40		n.a.
F 15	7 12	11 45	4 29	13 12	1 25	10 9	0 29	1 28	1 51	23 45	0 15	14 47	1 43	3 8	0 45	11 27	1 57	22 58	16 32	22 40	22 39	22 40		n.a.
S 16	7 36	16 10	3 48	13 49	1 30	9 58	0 21	1 30	1 48	23 45	0 15	14 49	1 43	3 9	0 45	11 26	1 57	22 57	16 33	22 41	22 39	22 41		n.a.
S 17	7 59	19 39	2 52	14 26	1 36	9 46	0 13	1 33	1 44	23 45	0 15	14 51	1 43	3 10	0 45	11 26	1 57	22 57	16 33	22 41	22 39	22 41		n.a.
M18	8 22	21 55	1 45	15 2	1 41	9 34	0 6	1 35	1 40	23 45	0 15	14 53	1 43	3 11	0 45	11 25	1 57	22 57	16 34	22 42	22 40	22 42		n.a.
T 19	8 45	22 47	0 32	15 37	1 46	9 21	0n 2	1 37	1 37	23 45	0 15	14 55	1 43	3 12	0 45	11 25	1 57	22 56	16 34	22 42	22 40	22 42		n.a.
W20	9 8	22 11	0s42	16 11	1 51	9 8	0 9	1 39	1 33	23 45	0 16	14 57	1 43	3 13	0 45	11 24	1 57	22 56	16 34	22 42	22 41	22 43		n.a.
T 21	9 30	20 13	1 53	16 44	1 56	8 54	0 16	1 40	1 29	23 45	0 16	14 59	1 43	3 13	0 45	11 23	1 57	22 55	16 35	22 42	22 41	22 43		n.a.
F 22	9 53	17 3	2 57	17 16	2 0	8 39	0 22	1 41	1 26	23 45	0 16	15 1	1 43	3 14	0 45	11 23	1 57	22 55	16 35	22 42	22 41	22 44		n.a.
S 23	10 15	12 59	3 50	17 48	2 4	8 24	0 29	1 42	1 22	23 45	0 16	15 3	1 42	3 15	0 45	11 22	1 57	22 55	16 36	22 43	22 42	22 44		n.a.
S 24	10 38	8 17	4 30	18 18	2 8	8 9	0 35	1 42	1 19	23 45	0 16	15 5	1 42	3 16	0 45	11 22	1 57	22 54	16 36	22 44	22 42	22 45		n.a.
M25	11 0	3 15	4 53	18 48	2 12	7 53	0 41	1 43	1 15	23 45	0 16	15 7	1 42	3 16	0 45	11 21	1 57	22 54	16 36	22 45	22 43	22 45		n.a.
T 26	11 22	1n52	5 1	19 16	2 15	7 36	0 47	1 42	1 12	23 46	0 17	15 9	1 42	3 17	0 45	11 21	1 57	22 54	16 37	22 47	22 43	22 45		n.a.
W27	11 43	6 49	4 52	19 43	2 18	7 19	0 53	1 42	1 9	23 46	0 17	15 11	1 42	3 18	0 45	11 20	1 57	22 54	16 37	22 48	22 43	22 46		n.a.
T 28	12 5	11 23	4 29	20 9	2 20	7 2	0 59	1 41	1 5	23 46	0 17	15 13	1 42	3 18	0 45	11 19	1 57	22 53	16 38	22 50	22 44	22 46		n.a.
F 29	12 26	15 23	3 53	20 34	2 22	6 44	1 4	1 40	1 2	23 46	0 17	15 15	1 42	3 19	0 45	11 19	1 57	22 53	16 38	22 51	22 44	22 47		n.a.
S 30	12 47	18 39	3 7	20 57	2 24	6 25	1 10	1 39	0 59	23 46	0 17	15 18	1 42	3 20	0 45	11 18	1 57	22 53	16 39	22 52	22 45	22 47		n.a.
S 31	13s 8	21n 3	2s13	21s19	2s25	6n 6	1n15	1s38	0s56	23n46	0n18	15s20	1n42	3s20	0s45	11n18	1s57	22n53	16n39	22n53	22n45	22n48		n.a.

Julian Day Number = 1629288.5, Delta T = 03h42m52s
Ecliptic obliquity = 23°43'31, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'10, Lahiri = - 7°26'09 Julian Calendar 1 Oct. 253 BCE == Greg. Calendar 27 Sept. 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

NOVEMBER 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 25 28	5♏23'57	0♋54	25♏15	18♍35	28°R 1	7°R57	16♏33	23°R21	4°R21	10♍53	14°R53	15♋59	9♋30	n.a.	M 1
T 2	2 29 25	6°24'57	12°42	26°33	19°36	27♓59	7♋57	16°40	23♓19	4♉19	10°54	14°D52	15°56	9°37	n.a.	T 2
W 3	2 33 21	7°25'58	24°29	27°48	20°37	27°58	7°56	16°47	23°18	4°17	10°56	14♋52	15°53	9°43	n.a.	W 3
T 4	2 37 18	8°27'01	6♌20	29° 1	21°39	27°D58	7°55	16°54	23°16	4°16	10°57	14°R52	15°50	9°50	n.a.	T 4
F 5	2 41 14	9°28'04	18°21	0♐12	22°41	27°59	7°53	17° 1	23°15	4°14	10°59	14°52	15°47	9°57	n.a.	F 5
S 6	2 45 11	10°29'09	0♍37	1°19	23°43	28° 0	7°52	17° 8	23°13	4°12	11° 0	14°50	15°44	10° 3	n.a.	S 6
S 7	2 49 7	11°30'15	13°12	2°22	24°46	28° 2	7°50	17°15	23°12	4°11	11° 2	14°45	15°40	10°10	n.a.	S 7
M 8	2 53 4	12°31'22	26°12	3°22	25°49	28° 5	7°48	17°22	23°11	4° 9	11° 3	14°38	15°37	10°17	n.a.	M 8
T 9	2 57 1	13°32'31	9♎37	4°17	26°53	28° 9	7°46	17°29	23° 9	4° 7	11° 4	14°29	15°34	10°23	n.a.	T 9
W10	3 0 57	14°33'40	23°28	5° 6	27°56	28°13	7°44	17°36	23° 8	4° 6	11° 6	14°19	15°31	10°30	n.a.	W10
T 11	3 4 54	15°34'50	7♏42	5°49	29° 1	28°18	7°41	17°43	23° 7	4° 4	11° 7	14° 9	15°28	10°37	n.a.	T 11
F 12	3 8 50	16°36'01	22°13	6°26	0♎ 5	28°24	7°38	17°50	23° 6	4° 2	11° 8	14° 0	15°24	10°43	n.a.	F 12
S 13	3 12 47	17°37'12	6♐55	6°54	1°10	28°31	7°35	17°57	23° 4	4° 1	11° 9	13°53	15°21	10°50	n.a.	S 13
S 14	3 16 43	18°38'25	21°39	7°14	2°15	28°38	7°32	18° 4	23° 3	3°59	11°11	13°48	15°18	10°56	n.a.	S 14
M15	3 20 40	19°39'37	6♑19	7°R24	3°20	28°46	7°29	18°11	23° 2	3°57	11°12	13°46	15°15	11° 3	n.a.	M15
T 16	3 24 37	20°40'50	20°49	7°23	4°26	28°55	7°26	18°18	23° 1	3°56	11°13	13°D46	15°12	11°10	n.a.	T 16
W17	3 28 33	21°42'04	5♒ 6	7°12	5°32	29° 4	7°22	18°25	23° 0	3°54	11°14	13°47	15° 9	11°16	n.a.	W17
T 18	3 32 30	22°43'17	19° 8	6°49	6°38	29°14	7°18	18°32	22°59	3°52	11°15	13°R48	15° 5	11°23	n.a.	T 18
F 19	3 36 26	23°44'31	2♓54	6°14	7°44	29°25	7°14	18°39	22°58	3°51	11°16	13°47	15° 2	11°30	n.a.	F 19
S 20	3 40 23	24°45'44	16°26	5°28	8°51	29°36	7°10	18°46	22°58	3°49	11°17	13°45	14°59	11°36	n.a.	S 20
S 21	3 44 19	25°46'58	29°44	4°31	9°58	29°48	7° 5	18°53	22°57	3°48	11°18	13°40	14°56	11°43	n.a.	S 21
M22	3 48 16	26°48'11	12♈49	3°25	11° 5	0♈ 0	7° 1	19° 0	22°56	3°46	11°19	13°34	14°53	11°50	n.a.	M22
T 23	3 52 12	27°49'25	25°42	2°11	12°12	0°13	6°56	19° 7	22°56	3°45	11°20	13°26	14°50	11°56	n.a.	T 23
W24	3 56 9	28°50'39	8♉22	0°52	13°19	0°27	6°51	19°14	22°55	3°43	11°21	13°17	14°46	12° 3	n.a.	W24
T 25	4 0 6	29°51'54	20°51	29♏30	14°27	0°41	6°46	19°21	22°54	3°42	11°21	13° 9	14°43	12°10	n.a.	T 25
F 26	4 4 2	0♐53'08	3♊ 8	28° 8	15°35	0°55	6°41	19°28	22°54	3°40	11°22	13° 2	14°40	12°16	n.a.	F 26
S 27	4 7 59	1°54'22	15°15	26°49	16°43	1°11	6°36	19°35	22°53	3°39	11°23	12°56	14°37	12°23	n.a.	S 27
S 28	4 11 55	2°55'37	27°13	25°35	17°52	1°26	6°30	19°41	22°53	3°37	11°24	12°53	14°34	12°30	n.a.	S 28
M29	4 15 52	3°56'52	9♋ 4	24°28	19° 0	1°43	6°24	19°48	22°53	3°36	11°24	12°D51	14°30	12°36	n.a.	M29
T 30	4 19 48	4♐58'07	20♋51	23♏30	20♎ 9	1♈59	6♋19	19♏55	22♓52	3♉34	11♍25	12♋51	14♋27	12♋43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13 s29	22n30	1 s14	21 s40	2 s26	5n47	1n20	1 s36	0 s52	23n47	0n18	15 s22	1n42	3 s21	0 s45	11n17	1 s57	22n52	16n40	22n53	22n45	22n48		n.a.
T 2	13 49	22 55	0 11	21 58	2 26	5 27	1 24	1 34	0 49	23 47	0 18	15 24	1 42	3 22	0 45	11 17	1 57	22 52	16 40	22 53	22 46	22 48		n.a.
W 3	14 9	22 19	0n51	22 15	2 25	5 7	1 29	1 31	0 46	23 47	0 18	15 26	1 41	3 22	0 45	11 16	1 57	22 52	16 40	22 53	22 46	22 49		n.a.
T 4	14 29	20 43	1 52	22 31	2 24	4 47	1 33	1 29	0 43	23 47	0 18	15 28	1 41	3 23	0 45	11 15	1 57	22 52	16 41	22 53	22 46	22 49		n.a.
F 5	14 49	18 11	2 49	22 44	2 21	4 26	1 38	1 26	0 40	23 48	0 18	15 30	1 41	3 23	0 44	11 15	1 57	22 52	16 41	22 53	22 47	22 49		n.a.
S 6	15 9	14 48	3 39	22 56	2 18	4 5	1 42	1 23	0 38	23 48	0 19	15 32	1 41	3 24	0 44	11 14	1 57	22 52	16 42	22 53	22 47	22 50		n.a.
S 7	15 28	10 40	4 20	23 5	2 15	3 43	1 46	1 19	0 35	23 48	0 19	15 34	1 41	3 25	0 44	11 14	1 57	22 52	16 42	22 54	22 48	22 50		n.a.
M 8	15 47	5 56	4 49	23 12	2 10	3 21	1 49	1 15	0 32	23 49	0 19	15 36	1 41	3 25	0 44	11 13	1 57	22 52	16 43	22 55	22 48	22 51		n.a.
T 9	16 5	0 47	5 3	23 17	2 4	2 59	1 53	1 12	0 29	23 49	0 19	15 38	1 41	3 26	0 44	11 13	1 57	22 51	16 43	22 56	22 48	22 51		n.a.
W10	16 24	4 s34	5 1	23 20	1 57	2 36	1 56	1 7	0 27	23 49	0 19	15 40	1 41	3 26	0 44	11 12	1 57	22 51	16 44	22 57	22 49	22 51		n.a.
T 11	16 42	9 50	4 40	23 19	1 49	2 13	2 0	1 3	0 24	23 50	0 20	15 42	1 41	3 27	0 44	11 12	1 57	22 51	16 44	22 58	22 49	22 52		n.a.
F 12	17 0	14 41	4 0	23 17	1 40	1 50	2 3	0 58	0 21	23 50	0 20	15 44	1 41	3 27	0 44	11 11	1 57	22 51	16 45	22 59	22 49	22 52		n.a.
S 13	17 17	18 42	3 4	23 11	1 29	1 27	2 6	0 53	0 19	23 50	0 20	15 46	1 41	3 27	0 44	11 10	1 57	22 51	16 46	23 0	22 50	22 52		n.a.
S 14	17 35	21 32	1 56	23 2	1 17	1 3	2 8	0 48	0 16	23 51	0 20	15 48	1 41	3 28	0 44	11 10	1 57	22 51	16 46	23 0	22 50	22 53		n.a.
M15	17 52	22 54	0 40	22 51	1 3	0 40	2 11	0 43	0 14	23 51	0 20	15 50	1 41	3 28	0 44	11 9	1 57	22 51	16 47	23 0	22 50	22 53		n.a.
T 16	18 8	22 43	0 s38	22 36	0 48	0 16	2 14	0 37	0 12	23 51	0 21	15 52	1 41	3 29	0 44	11 9	1 57	22 51	16 47	23 0	22 51	22 53		n.a.
W17	18 24	21 2	1 52	22 18	0 32	0 s 9	2 16	0 31	0 9	23 52	0 21	15 54	1 41	3 29	0 44	11 8	1 57	22 52	16 48	23 0	22 51	22 54		n.a.
T 18	18 40	18 5	2 59	21 57	0 15	0 33	2 18	0 25	0 7	23 52	0 21	15 56	1 41	3 29	0 44	11 8	1 57	22 52	16 48	23 0	22 52	22 54		n.a.
F 19	18 56	14 11	3 53	21 32	0n 4	0 58	2 20	0 19	0 5	23 53	0 21	15 58	1 41	3 30	0 44	11 7	1 57	22 52	16 49	23 0	22 52	22 54		n.a.
S 20	19 11	9 37	4 34	21 5	0 24	1 23	2 22	0 12	0 3	23 53	0 21	16 0	1 41	3 30	0 44	11 7	1 57	22 52	16 49	23 0	22 52	22 55		n.a.
S 21	19 26	4 40	4 59	20 35	0 44	1 48	2 24	0 6	0 1	23 53	0 21	16 2	1 41	3 30	0 44	11 6	1 57	22 52	16 50	23 1	22 53	22 55		n.a.
M22	19 40	0n24	5 8	20 2	1 4	2 13	2 25	0n 1	0n 1	23 54	0 22	16 4	1 40	3 30	0 44	11 6	1 57	22 52	16 50	23 1	22 53	22 55		n.a.
T 23	19 55	5 23	5 1	19 28	1 24	2 38	2 27	0 8	0 3	23 54	0 22	16 6	1 40	3 31	0 44	11 5	1 57	22 52	16 51	23 2	22 53	22 55		n.a.
W24	20 8	10 3	4 39	18 53	1 43	3 3	2 28	0 16	0 5	23 55	0 22	16 8	1 40	3 31	0 44	11 5	1 57	22 52	16 52	23 3	22 54	22 56		n.a.
T 25	20 22	14 15	4 5	18 19	2 1	3 28	2 29	0 23	0 7	23 55	0 22	16 10	1 40	3 31	0 44	11 4	1 57	22 53	16 52	23 4	22 54	22 56		n.a.
F 26	20 35	17 47	3 19	17 45	2 17	3 54	2 30	0 31	0 9	23 56	0 22	16 12	1 40	3 31	0 44	11 4	1 57	22 53	16 53	23 5	22 54	22 56		n.a.
S 27	20 47	20 30	2 24	17 13	2 31	4 19	2 31	0 39	0 11	23 56	0 23	16 14	1 40	3 31	0 44	11 3	1 56	22 53	16 53	23 5	22 55	22 56		n.a.
S 28	21 0	22 18	1 24	16 45	2 43	4 45	2 32	0 47	0 13	23 57	0 23	16 15	1 40	3 31	0 44	11 3	1 56	22 53	16 54	23 6	22 55	22 57		n.a.
M29	21 11	23 4	0 21	16 19	2 53	5 11	2 33	0 55	0 15	23 57	0 23	16 17	1 40	3 32	0 44	11 3	1 56	22 54	16 55	23 6	22 55	22 57		n.a.
T 30	21 s23	22n48	0n44	15 s58	3n 0	5 s36	2n33	1n 3	0n16	23n58	0n23	16 s19	1n40	3 s32	0 s44	11n 2	1 s56	22n54	16n55	23n 6	22n56	22n57		n.a.

Julian Day Number = 1629319.5, Delta T = 03h42m51s
Ecliptic obliquity = 23°43'31, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'06, Lahiri = - 7°26'05 Julian Calendar 1 Nov. 253 BCE == Greg. Calendar 28 Oct. 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 253 BCE
geocentric

DECEMBER 253 BCE (-252) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 23 45	5♐59'22	2♌37	22°R42	21♎18	2♈16	6°R13	20♏ 2	22°R52	3°R33	11♍26	12♋53	14♋24	12♋49	n.a.	W 1
T 2	4 27 41	7° 0'38	14°28	22♏ 3	22°27	2°34	6♋ 7	20° 9	22♓52	3♉32	11°26	12°55	14°21	12°56	n.a.	T 2
F 3	4 31 38	8° 1'53	26°27	21°36	23°36	2°52	6° 0	20°16	22°52	3°30	11°27	12°56	14°18	13° 3	n.a.	F 3
S 4	4 35 35	9° 3'09	8♍40	21°18	24°45	3°11	5°54	20°23	22°52	3°29	11°27	12°R57	14°15	13° 9	n.a.	S 4
S 5	4 39 31	10° 4'25	21°12	21°D10	25°55	3°30	5°47	20°29	22°51	3°28	11°28	12°56	14°11	13°16	n.a.	S 5
M 6	4 43 28	11° 5'40	4♎ 6	21°12	27° 4	3°49	5°41	20°36	22°D51	3°26	11°28	12°54	14° 8	13°23	n.a.	M 6
T 7	4 47 24	12° 6'56	17°28	21°21	28°14	4° 9	5°34	20°43	22°52	3°25	11°29	12°51	14° 5	13°29	n.a.	T 7
W 8	4 51 21	13° 8'12	1♏17	21°39	29°24	4°29	5°27	20°49	22°52	3°24	11°29	12°46	14° 2	13°36	n.a.	W 8
T 9	4 55 17	14° 9'27	15°34	22° 4	0♏34	4°50	5°20	20°56	22°52	3°23	11°29	12°42	13°59	13°43	n.a.	T 9
F 10	4 59 14	15°10'43	0♐14	22°36	1°44	5°11	5°13	21° 3	22°52	3°22	11°30	12°37	13°56	13°49	n.a.	F 10
S 11	5 3 10	16°11'58	15°11	23°13	2°54	5°32	5° 6	21° 9	22°52	3°20	11°30	12°34	13°52	13°56	n.a.	S 11
S 12	5 7 7	17°13'13	0♑16	23°55	4° 5	5°54	4°59	21°16	22°53	3°19	11°30	12°33	13°49	14° 3	n.a.	S 12
M13	5 11 4	18°14'27	15°20	24°42	5°15	6°16	4°51	21°22	22°53	3°18	11°30	12°D32	13°46	14° 9	n.a.	M13
T 14	5 15 0	19°15'41	0♒15	25°34	6°26	6°38	4°44	21°29	22°53	3°17	11°31	12°33	13°43	14°16	n.a.	T 14
W15	5 18 57	20°16'53	14°53	26°29	7°37	7° 1	4°36	21°35	22°54	3°16	11°31	12°34	13°40	14°23	n.a.	W15
T 16	5 22 53	21°18'05	29°10	27°27	8°47	7°25	4°29	21°42	22°54	3°15	11°31	12°36	13°36	14°29	n.a.	T 16
F 17	5 26 50	22°19'16	13♓ 6	28°29	9°58	7°48	4°21	21°48	22°55	3°14	11°31	12°37	13°33	14°36	n.a.	F 17
S 18	5 30 46	23°20'25	26°39	29°33	11° 9	8°12	4°13	21°55	22°56	3°13	11°R31	12°R37	13°30	14°42	n.a.	S 18
S 19	5 34 43	24°21'34	9♈51	0♐40	12°20	8°36	4° 5	22° 1	22°56	3°12	11°31	12°36	13°27	14°49	n.a.	S 19
M20	5 38 40	25°22'42	22°44	1°49	13°32	9° 0	3°58	22° 7	22°57	3°11	11°31	12°35	13°24	14°56	n.a.	M20
T 21	5 42 36	26°23'48	5♉21	3° 0	14°43	9°25	3°50	22°13	22°58	3°10	11°31	12°32	13°21	15° 2	n.a.	T 21
W22	5 46 33	27°24'54	17°45	4°13	15°54	9°50	3°42	22°19	22°59	3° 9	11°31	12°30	13°17	15° 9	n.a.	W22
T 23	5 50 29	28°25'58	29°57	5°28	17° 6	10°15	3°34	22°26	23° 0	3° 9	11°30	12°28	13°14	15°16	n.a.	T 23
F 24	5 54 26	29°27'02	12♊ 0	6°44	18°17	10°41	3°26	22°32	23° 0	3° 8	11°30	12°26	13°11	15°22	n.a.	F 24
S 25	5 58 22	0♑28'04	23°57	8° 1	19°29	11° 7	3°18	22°38	23° 1	3° 7	11°30	12°24	13° 8	15°29	n.a.	S 25
S 26	6 2 19	1°29'06	5♋48	9°20	20°40	11°33	3°10	22°44	23° 2	3° 6	11°30	12°24	13° 5	15°36	n.a.	S 26
M27	6 6 15	2°30'06	17°37	10°40	21°52	11°59	3° 2	22°50	23° 4	3° 6	11°30	12°D24	13° 2	15°42	n.a.	M27
T 28	6 10 12	3°31'06	29°24	12° 2	23° 4	12°26	2°54	22°56	23° 5	3° 5	11°29	12°24	12°58	15°49	n.a.	T 28
W29	6 14 9	4°32'04	11♌13	13°24	24°15	12°52	2°46	23° 1	23° 6	3° 4	11°29	12°25	12°55	15°56	n.a.	W29
T 30	6 18 5	5°33'02	23° 7	14°48	25°27	13°19	2°38	23° 7	23° 7	3° 4	11°28	12°26	12°52	16° 2	n.a.	T 30
F 31	6 22 2	6♑33'58	5♍ 9	16♐12	26♏39	13♈47	2♋30	23♏13	23♓ 8	3♉ 3	11♍28	12♋26	12♋49	16♋ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	21 s34	21n32	1n46	15 s41	3n 5	6 s 2	2n33	1n11	0n18	23n58	0n23	16 s21	1n40	3 s32	0 s44	11n 2	1 s56	22n54	16n56	23n 6	22n56	22n57			n.a.
T 2	21 44	19 18	2 44	15 29	3 7	6 28	2 34	1 20	0 20	23 58	0 24	16 23	1 40	3 32	0 43	11 1	1 56	22 54	16 56	23 5	22 57	22 58			n.a.
F 3	21 55	16 14	3 36	15 21	3 8	6 53	2 34	1 29	0 21	23 59	0 24	16 25	1 40	3 32	0 43	11 1	1 56	22 55	16 57	23 5	22 57	22 58			n.a.
S 4	22 4	12 25	4 19	15 17	3 7	7 19	2 34	1 38	0 23	23 59	0 24	16 27	1 40	3 32	0 43	11 0	1 56	22 55	16 57	23 5	22 57	22 58			n.a.
S 5	22 14	7 59	4 51	15 18	3 5	7 45	2 34	1 47	0 24	24 0	0 24	16 28	1 40	3 32	0 43	11 0	1 56	22 55	16 58	23 5	22 58	22 58			n.a.
M 6	22 22	3 5	5 10	15 21	3 1	8 10	2 33	1 56	0 26	24 0	0 24	16 30	1 40	3 32	0 43	11 0	1 56	22 56	16 59	23 5	22 58	22 59			n.a.
T 7	22 31	2 s 8	5 12	15 29	2 57	8 35	2 33	2 5	0 27	24 1	0 24	16 32	1 40	3 32	0 43	10 59	1 56	22 56	16 59	23 6	22 58	22 59			n.a.
W 8	22 39	7 25	4 57	15 39	2 51	9 1	2 33	2 15	0 29	24 1	0 25	16 34	1 40	3 32	0 43	10 59	1 56	22 57	17 0	23 6	22 59	22 59			n.a.
T 9	22 46	12 30	4 24	15 51	2 45	9 26	2 32	2 24	0 30	24 2	0 25	16 35	1 40	3 31	0 43	10 58	1 56	22 57	17 0	23 7	22 59	22 59			n.a.
F 10	22 53	16 59	3 32	16 6	2 38	9 51	2 31	2 34	0 32	24 2	0 25	16 37	1 40	3 31	0 43	10 58	1 56	22 57	17 1	23 7	22 59	22 59			n.a.
S 11	23 0	20 29	2 25	16 23	2 30	10 16	2 31	2 44	0 33	24 3	0 25	16 39	1 40	3 31	0 43	10 58	1 56	22 58	17 2	23 7	23 0	23 0			n.a.
S 12	23 6	22 36	1 7	16 41	2 22	10 41	2 30	2 54	0 34	24 3	0 25	16 41	1 40	3 31	0 43	10 57	1 56	22 58	17 2	23 8	23 0	23 0			n.a.
M13	23 12	23 5	0 s15	17 0	2 14	11 6	2 29	3 4	0 36	24 4	0 25	16 42	1 40	3 31	0 43	10 57	1 56	22 59	17 3	23 8	23 0	23 0			n.a.
T 14	23 17	21 54	1 36	17 21	2 6	11 30	2 28	3 14	0 37	24 4	0 26	16 44	1 40	3 31	0 43	10 57	1 56	22 59	17 3	23 7	23 1	23 0			n.a.
W15	23 22	19 15	2 49	17 42	1 57	11 54	2 26	3 24	0 38	24 4	0 26	16 46	1 40	3 30	0 43	10 56	1 56	23 0	17 4	23 7	23 1	23 0			n.a.
T 16	23 26	15 29	3 50	18 4	1 48	12 19	2 25	3 34	0 39	24 5	0 26	16 47	1 40	3 30	0 43	10 56	1 56	23 0	17 5	23 7	23 1	23 0			n.a.
F 17	23 30	10 57	4 35	18 27	1 39	12 42	2 24	3 45	0 40	24 5	0 26	16 49	1 40	3 30	0 43	10 56	1 56	23 1	17 5	23 7	23 2	23 0			n.a.
S 18	23 33	5 59	5 4	18 49	1 31	13 6	2 22	3 55	0 41	24 6	0 26	16 51	1 40	3 30	0 43	10 56	1 55	23 1	17 6	23 7	23 2	23 1			n.a.
S 19	23 36	0 53	5 16	19 12	1 22	13 29	2 21	4 6	0 43	24 6	0 26	16 52	1 41	3 29	0 43	10 55	1 55	23 2	17 6	23 7	23 2	23 1			n.a.
M20	23 39	4n 8	5 11	19 35	1 13	13 53	2 19	4 17	0 44	24 7	0 27	16 54	1 41	3 29	0 43	10 55	1 55	23 2	17 7	23 7	23 3	23 1			n.a.
T 21	23 41	8 53	4 52	19 58	1 4	14 15	2 17	4 28	0 45	24 7	0 27	16 55	1 41	3 29	0 43	10 55	1 55	23 3	17 7	23 8	23 3	23 1			n.a.
W22	23 42	13 11	4 19	20 20	0 55	14 38	2 16	4 38	0 46	24 7	0 27	16 57	1 41	3 28	0 43	10 55	1 55	23 3	17 8	23 8	23 3	23 1			n.a.
T 23	23 43	16 54	3 34	20 42	0 46	15 0	2 14	4 49	0 47	24 8	0 27	16 59	1 41	3 28	0 43	10 54	1 55	23 4	17 9	23 8	23 3	23 1			n.a.
F 24	23 43	19 51	2 41	21 4	0 38	15 22	2 12	5 0	0 48	24 8	0 27	17 0	1 41	3 27	0 43	10 54	1 55	23 5	17 9	23 8	23 4	23 1			n.a.
S 25	23 43	21 55	1 41	21 25	0 29	15 44	2 10	5 12	0 49	24 8	0 27	17 2	1 41	3 27	0 43	10 54	1 55	23 5	17 10	23 8	23 4	23 1			n.a.
S 26	23 43	22 59	0 37	21 46	0 21	16 5	2 8	5 23	0 50	24 9	0 28	17 3	1 41	3 27	0 42	10 54	1 55	23 6	17 10	23 8	23 4	23 2			n.a.
M27	23 42	23 2	0n29	22 6	0 13	16 26	2 5	5 34	0 51	24 9	0 28	17 4	1 41	3 26	0 42	10 54	1 55	23 6	17 11	23 8	23 5	23 2			n.a.
T 28	23 41	22 2	1 33	22 25	0 5	16 46	2 3	5 45	0 51	24 9	0 28	17 6	1 41	3 26	0 42	10 53	1 55	23 7	17 11	23 8	23 5	23 2			n.a.
W29	23 39	20 4	2 34	22 44	0 s 3	17 7	2 1	5 57	0 52	24 10	0 28	17 7	1 41	3 25	0 42	10 53	1 55	23 8	17 12	23 8	23 5	23 2			n.a.
T 30	23 36	17 14	3 28	23 2	0 11	17 26	1 58	6 8	0 53	24 10	0 28	17 9	1 41	3 25	0 42	10 53	1 55	23 8	17 13	23 8	23 6	23 2			n.a.
F 31	23 s34	13n39	4n13	23 s18	0 s18	17 s46	1n56	6n20	0n54	24n10	0n28	17 s10	1n41	3 s24	0 s42	10n53	1 s55	23n 9	17n13	23n 8	23n 6	23n 2			n.a.

Julian Day Number = 1629349.5, Delta T = 03h42m50s
Ecliptic obliquity = 23°43'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°33'02, Lahiri = - 7°26'01 Julian Calendar 1 Dec. 253 BCE == Greg. Calendar 27 Nov. 253 BCE

The year -252 astronomical counting style corresponds to year 253 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

JANUARY 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 25 58	7♑34'54	17♍22	17♐37	27♏51	14♈14	2°R22	23♏19	23♓10	3°R 3	11°R28	12♋27	12♋46	16♋16	n.a.	S 1
S 2	6 29 55	8°35'48	29°51	19° 4	29° 3	14°42	2♋14	23°24	23°11	3♉ 2	11♍27	12°27	12°42	16°22	n.a.	S 2
M 3	6 33 51	9°36'42	12♎41	20°31	0♐16	15°10	2° 6	23°30	23°13	3° 2	11°26	12°R27	12°39	16°29	n.a.	M 3
T 4	6 37 48	10°37'34	25°53	21°59	1°28	15°38	1°58	23°35	23°14	3° 1	11°26	12°27	12°36	16°35	n.a.	T 4
W 5	6 41 44	11°38'26	9♏32	23°28	2°40	16° 6	1°50	23°41	23°16	3° 1	11°25	12°27	12°33	16°42	n.a.	W 5
T 6	6 45 41	12°39'16	23°38	24°58	3°52	16°34	1°42	23°46	23°17	3° 0	11°25	12°D27	12°30	16°49	n.a.	T 6
F 7	6 49 38	13°40'06	8♐ 9	26°29	5° 5	17° 3	1°35	23°52	23°19	3° 0	11°24	12°27	12°27	16°55	n.a.	F 7
S 8	6 53 34	14°40'54	23° 3	28° 0	6°17	17°32	1°27	23°57	23°20	3° 0	11°23	12°27	12°23	17° 2	n.a.	S 8
S 9	6 57 31	15°41'41	8♑11	29°32	7°29	18° 1	1°19	24° 2	23°22	2°59	11°23	12°R27	12°20	17° 9	n.a.	S 9
M10	7 1 27	16°42'26	23°25	1♑ 5	8°42	18°30	1°12	24° 7	23°24	2°59	11°22	12°27	12°17	17°15	n.a.	M10
T 11	7 5 24	17°43'10	8♒35	2°39	9°54	19° 0	1° 4	24°12	23°26	2°59	11°21	12°27	12°14	17°22	n.a.	T 11
W12	7 9 20	18°43'52	23°32	4°14	11° 7	19°29	0°57	24°17	23°27	2°59	11°20	12°26	12°11	17°29	n.a.	W12
T 13	7 13 17	19°44'33	8♓ 8	5°50	12°19	19°59	0°50	24°22	23°29	2°59	11°19	12°26	12° 8	17°35	n.a.	T 13
F 14	7 17 14	20°45'11	22°19	7°26	13°32	20°29	0°43	24°27	23°31	2°58	11°19	12°25	12° 4	17°42	n.a.	F 14
S 15	7 21 10	21°45'48	6♈ 2	9° 3	14°45	20°59	0°36	24°32	23°33	2°58	11°18	12°24	12° 1	17°49	n.a.	S 15
S 16	7 25 7	22°46'23	19°19	10°41	15°57	21°29	0°29	24°37	23°35	2°58	11°17	12°D24	11°58	17°55	n.a.	S 16
M17	7 29 3	23°46'55	2♉12	12°20	17°10	21°59	0°22	24°42	23°37	2°D58	11°16	12°24	11°55	18° 2	n.a.	M17
T 18	7 33 0	24°47'26	14°44	14° 0	18°22	22°30	0°15	24°46	23°39	2°58	11°15	12°24	11°52	18° 8	n.a.	T 18
W19	7 36 56	25°47'55	27° 0	15°41	19°35	23° 0	0° 8	24°51	23°42	2°58	11°14	12°26	11°48	18°15	n.a.	W19
T 20	7 40 53	26°48'22	9♊ 3	17°23	20°48	23°31	0° 2	24°55	23°44	2°59	11°13	12°27	11°45	18°22	n.a.	T 20
F 21	7 44 49	27°48'47	20°57	19° 5	22° 1	24° 2	29♊55	25° 0	23°46	2°59	11°12	12°28	11°42	18°28	n.a.	F 21
S 22	7 48 46	28°49'10	2♋46	20°49	23°13	24°33	29°49	25° 4	23°48	2°59	11°11	12°29	11°39	18°35	n.a.	S 22
S 23	7 52 43	29°49'31	14°34	22°34	24°26	25° 4	29°43	25° 8	23°50	2°59	11° 9	12°R29	11°36	18°42	n.a.	S 23
M24	7 56 39	0♒49'51	26°22	24°19	25°39	25°36	29°37	25°12	23°53	2°59	11° 8	12°29	11°33	18°48	n.a.	M24
T 25	8 0 36	1°50'08	8♌12	26° 6	26°52	26° 7	29°31	25°16	23°55	3° 0	11° 7	12°27	11°29	18°55	n.a.	T 25
W26	8 4 32	2°50'23	20° 8	27°53	28° 5	26°38	29°26	25°20	23°58	3° 0	11° 6	12°25	11°26	19° 2	n.a.	W26
T 27	8 8 29	3°50'37	2♍10	29°42	29°18	27°10	29°20	25°24	24° 0	3° 0	11° 5	12°21	11°23	19° 8	n.a.	T 27
F 28	8 12 25	4°50'49	14°20	1♒31	0♑31	27°42	29°15	25°28	24° 3	3° 1	11° 3	12°17	11°20	19°15	n.a.	F 28
S 29	8 16 22	5°50'59	26°42	3°22	1°44	28°14	29°10	25°32	24° 5	3° 1	11° 2	12°14	11°17	19°22	n.a.	S 29
S 30	8 20 18	6°51'07	9♎16	5°13	2°57	28°46	29° 4	25°36	24° 8	3° 2	11° 1	12°11	11°13	19°28	n.a.	S 30
M31	8 24 15	7♒51'14	22♎ 6	7♒ 6	4♑10	29♈18	29♊ 0	25♏39	24♓10	3♉ 2	11♍ 0	12♋ 8	11♋10	19♋35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s30	9n28	4n48	23s34	0s26	18s 5	1n53	6n31	0n55	24n11	0n28	17s12	1n41	3s23	0s42	10n53	1s55	23n10	17n14	23n 8	23n 6	23n 2		n.a.
S 2	23 27	4 48	5 11	23 49	0 33	18 23	1 51	6 43	0 56	24 11	0 29	17 13	1 41	3 23	0 42	10 53	1 55	23 10	17 14	23 8	23 7	23 2		n.a.
M 3	23 22	0s11	5 18	24 3	0 40	18 41	1 48	6 54	0 56	24 11	0 29	17 14	1 41	3 22	0 42	10 53	1 54	23 11	17 15	23 8	23 7	23 2		n.a.
T 4	23 18	5 19	5 9	24 15	0 47	18 59	1 46	7 6	0 57	24 11	0 29	17 16	1 41	3 22	0 42	10 52	1 54	23 12	17 15	23 8	23 7	23 2		n.a.
W 5	23 12	10 22	4 43	24 27	0 53	19 16	1 43	7 18	0 58	24 12	0 29	17 17	1 41	3 21	0 42	10 52	1 54	23 13	17 16	23 8	23 7	23 2		n.a.
T 6	23 7	15 2	4 0	24 37	0 59	19 32	1 40	7 29	0 59	24 12	0 29	17 18	1 41	3 20	0 42	10 52	1 54	23 13	17 16	23 8	23 8	23 2		n.a.
F 7	23 1	18 58	3 0	24 46	1 5	19 48	1 37	7 41	0 59	24 12	0 29	17 19	1 41	3 20	0 42	10 52	1 54	23 14	17 17	23 8	23 8	23 2		n.a.
S 8	22 54	21 47	1 46	24 54	1 11	20 4	1 35	7 53	1 0	24 12	0 29	17 21	1 42	3 19	0 42	10 52	1 54	23 15	17 17	23 8	23 8	23 2		n.a.
S 9	22 47	23 4	0 24	25 0	1 17	20 19	1 32	8 5	1 1	24 12	0 29	17 22	1 42	3 18	0 42	10 52	1 54	23 16	17 18	23 8	23 9	23 2		n.a.
M10	22 40	22 40	1s 1	25 5	1 22	20 33	1 29	8 17	1 1	24 13	0 29	17 23	1 42	3 18	0 42	10 52	1 54	23 16	17 18	23 8	23 9	23 2		n.a.
T 11	22 32	20 35	2 20	25 9	1 27	20 47	1 26	8 29	1 2	24 13	0 30	17 24	1 42	3 17	0 42	10 52	1 54	23 17	17 19	23 8	23 9	23 2		n.a.
W12	22 24	17 7	3 29	25 11	1 32	21 1	1 23	8 41	1 3	24 13	0 30	17 25	1 42	3 16	0 42	10 52	1 54	23 18	17 19	23 8	23 10	23 2		n.a.
T 13	22 15	12 40	4 23	25 12	1 36	21 13	1 20	8 53	1 3	24 13	0 30	17 27	1 42	3 15	0 42	10 52	1 54	23 19	17 20	23 8	23 10	23 2		n.a.
F 14	22 6	7 39	4 58	25 11	1 40	21 26	1 17	9 5	1 4	24 13	0 30	17 28	1 42	3 14	0 42	10 52	1 54	23 19	17 20	23 8	23 10	23 2		n.a.
S 15	21 57	2 24	5 16	25 9	1 44	21 37	1 14	9 17	1 4	24 13	0 30	17 29	1 42	3 14	0 42	10 52	1 54	23 20	17 21	23 8	23 10	23 2		n.a.
S 16	21 47	2n47	5 15	25 5	1 48	21 48	1 11	9 29	1 5	24 14	0 30	17 30	1 42	3 13	0 42	10 52	1 54	23 21	17 21	23 8	23 11	23 2		n.a.
M17	21 36	7 42	4 59	24 59	1 51	21 59	1 7	9 41	1 6	24 14	0 30	17 31	1 42	3 12	0 42	10 52	1 54	23 22	17 22	23 8	23 11	23 2		n.a.
T 18	21 25	12 10	4 29	24 52	1 54	22 9	1 4	9 53	1 6	24 14	0 30	17 32	1 42	3 11	0 42	10 52	1 53	23 23	17 22	23 8	23 11	23 2		n.a.
W19	21 14	16 3	3 47	24 43	1 56	22 18	1 1	10 5	1 7	24 14	0 30	17 33	1 42	3 10	0 42	10 53	1 53	23 24	17 23	23 8	23 12	23 2		n.a.
T 20	21 3	19 11	2 55	24 32	1 58	22 26	0 58	10 17	1 7	24 14	0 30	17 34	1 42	3 9	0 42	10 53	1 53	23 24	17 23	23 8	23 12	23 2		n.a.
F 21	20 51	21 28	1 57	24 20	2 0	22 34	0 55	10 29	1 8	24 14	0 31	17 35	1 43	3 8	0 42	10 53	1 53	23 25	17 24	23 8	23 12	23 2		n.a.
S 22	20 38	22 48	0 54	24 5	2 1	22 41	0 52	10 41	1 8	24 14	0 31	17 36	1 43	3 7	0 42	10 53	1 53	23 26	17 24	23 8	23 12	23 2		n.a.
S 23	20 26	23 7	0n11	23 49	2 2	22 48	0 48	10 53	1 9	24 14	0 31	17 37	1 43	3 6	0 41	10 53	1 53	23 27	17 25	23 8	23 13	23 2		n.a.
M24	20 13	22 23	1 16	23 31	2 3	22 54	0 45	11 5	1 9	24 14	0 31	17 38	1 43	3 5	0 41	10 53	1 53	23 28	17 25	23 8	23 13	23 2		n.a.
T 25	19 59	20 38	2 17	23 11	2 3	22 59	0 42	11 17	1 10	24 14	0 31	17 39	1 43	3 4	0 41	10 53	1 53	23 28	17 25	23 8	23 13	23 2		n.a.
W26	19 45	18 0	3 13	22 50	2 2	23 4	0 39	11 29	1 10	24 14	0 31	17 40	1 43	3 3	0 41	10 53	1 53	23 29	17 26	23 8	23 14	23 2		n.a.
T 27	19 31	14 34	4 1	22 26	2 1	23 8	0 36	11 41	1 11	24 14	0 31	17 40	1 43	3 2	0 41	10 54	1 53	23 30	17 26	23 9	23 14	23 2		n.a.
F 28	19 17	10 30	4 38	22 0	2 0	23 11	0 32	11 53	1 11	24 15	0 31	17 41	1 43	3 1	0 41	10 54	1 53	23 31	17 27	23 9	23 14	23 2		n.a.
S 29	19 2	5 57	5 3	21 33	1 58	23 14	0 29	12 5	1 11	24 15	0 31	17 42	1 43	3 0	0 41	10 54	1 53	23 32	17 27	23 9	23 14	23 2		n.a.
S 30	18 47	1 5	5 14	21 3	1 56	23 15	0 26	12 17	1 12	24 15	0 31	17 43	1 43	2 59	0 41	10 54	1 53	23 33	17 27	23 10	23 15	23 1		n.a.
M31	18s31	3s55	5n10	20s32	1s53	23s17	0n23	12n29	1n12	24n15	0n31	17s44	1n44	2s58	0s41	10n55	1s53	23n34	17n28	23n10	23n15	23n 1		n.a.

Julian Day Number = 1629380.5, Delta T = 03h42m49s
Ecliptic obliquity = 23°43'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'57, Lahiri = - 7°25'57 Julian Calendar 1 Jan. 252 BCE == Greg. Calendar 28 Dec. 253 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

FEBRUARY 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 28 11	8♒51'19	5♏15	8♒59	5♑23	29♈50	28°R55	25♏43	24♓13	3♉ 3	10°R58	12°D 7	11♋ 7	19♋42	n.a.	T 1
W 2	8 32 8	9°51'22	18°44	10°53	6°36	0♉22	28♊50	25°46	24°15	3° 3	10♍57	12♋ 8	11° 4	19°48	n.a.	W 2
T 3	8 36 5	10°51'24	2♐36	12°48	7°49	0°54	28°46	25°49	24°18	3° 4	10°56	12° 9	11° 1	19°55	n.a.	T 3
F 4	8 40 1	11°51'24	16°51	14°44	9° 2	1°27	28°42	25°53	24°21	3° 4	10°54	12°10	10°58	20° 1	n.a.	F 4
S 5	8 43 58	12°51'22	1♑27	16°41	10°15	1°59	28°38	25°56	24°24	3° 5	10°53	12°12	10°54	20° 8	n.a.	S 5
S 6	8 47 54	13°51'19	16°21	18°38	11°28	2°32	28°34	25°59	24°26	3° 6	10°51	12°R12	10°51	20°15	n.a.	S 6
M 7	8 51 51	14°51'13	1♒26	20°35	12°41	3° 5	28°30	26° 2	24°29	3° 6	10°50	12°11	10°48	20°21	n.a.	M 7
T 8	8 55 47	15°51'06	16°33	22°33	13°54	3°37	28°27	26° 5	24°32	3° 7	10°48	12° 8	10°45	20°28	n.a.	T 8
W 9	8 59 44	16°50'56	1♓33	24°31	15° 7	4°10	28°23	26° 8	24°35	3° 8	10°47	12° 3	10°42	20°35	n.a.	W 9
T 10	9 3 40	17°50'44	16°17	26°28	16°20	4°43	28°20	26°10	24°38	3° 9	10°45	11°58	10°39	20°41	n.a.	T 10
F 11	9 7 37	18°50'30	0♈39	28°25	17°33	5°16	28°17	26°13	24°41	3° 9	10°44	11°52	10°35	20°48	n.a.	F 11
S 12	9 11 34	19°50'14	14°33	0♓22	18°47	5°50	28°14	26°16	24°44	3°10	10°42	11°47	10°32	20°55	n.a.	S 12
S 13	9 15 30	20°49'55	27°58	2°17	20° 0	6°23	28°12	26°18	24°46	3°11	10°41	11°43	10°29	21° 1	n.a.	S 13
M14	9 19 27	21°49'34	10♉56	4°11	21°13	6°56	28° 9	26°20	24°49	3°12	10°39	11°41	10°26	21° 8	n.a.	M14
T 15	9 23 23	22°49'10	23°31	6° 3	22°26	7°29	28° 7	26°23	24°52	3°13	10°38	11°D40	10°23	21°15	n.a.	T 15
W16	9 27 20	23°48'44	5♊46	7°52	23°39	8° 3	28° 5	26°25	24°56	3°14	10°36	11°41	10°19	21°21	n.a.	W16
T 17	9 31 16	24°48'16	17°46	9°39	24°52	8°36	28° 3	26°27	24°59	3°15	10°35	11°42	10°16	21°28	n.a.	T 17
F 18	9 35 13	25°47'45	29°38	11°23	26° 6	9°10	28° 2	26°29	25° 2	3°16	10°33	11°44	10°13	21°35	n.a.	F 18
S 19	9 39 9	26°47'12	11♋24	13° 3	27°19	9°44	28° 0	26°31	25° 5	3°17	10°31	11°R44	10°10	21°41	n.a.	S 19
S 20	9 43 6	27°46'37	23°11	14°39	28°32	10°17	27°59	26°33	25° 8	3°19	10°30	11°44	10° 7	21°48	n.a.	S 20
M21	9 47 3	28°45'59	5♌ 1	16°10	29°45	10°51	27°58	26°34	25°11	3°20	10°28	11°41	10° 4	21°55	n.a.	M21
T 22	9 50 59	29°45'19	16°57	17°37	0♒58	11°25	27°57	26°36	25°14	3°21	10°27	11°36	10° 0	22° 1	n.a.	T 22
W23	9 54 56	0♓44'37	29° 2	18°58	2°12	11°59	27°56	26°38	25°17	3°22	10°25	11°29	9°57	22° 8	n.a.	W23
T 24	9 58 52	1°43'53	11♍16	20°13	3°25	12°33	27°56	26°39	25°21	3°23	10°23	11°20	9°54	22°14	n.a.	T 24
F 25	10 2 49	2°43'06	23°42	21°23	4°38	13° 7	27°56	26°40	25°24	3°25	10°22	11°10	9°51	22°21	n.a.	F 25
S 26	10 6 45	3°42'17	6♎19	22°26	5°51	13°41	27°D55	26°42	25°27	3°26	10°20	11° 1	9°48	22°28	n.a.	S 26
S 27	10 10 42	4°41'27	19° 7	23°22	7° 4	14°15	27°55	26°43	25°30	3°27	10°18	10°52	9°45	22°34	n.a.	S 27
M28	10 14 38	5♓40'34	2♏ 9	24♓12	8♒18	14♉49	27♊56	26♏44	25♓34	3♉29	10♍17	10♋46	9♋41	22♋41	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	18s16	8s53	4n49	19s59	1s49	23s17	0n20	12n40	1n13	24n15	0n31	17s44	1n44	2s57	0s41	10n55	1s53	23n34	17n28	23n10	23n15	23n 1		n.a.	T 1
W 2	17 59	13 33	4 13	19 23	1 45	23 17	0 17	12 52	1 13	24 15	0 31	17 45	1 44	2 56	0 41	10 55	1 52	23 35	17 28	23 10	23 15	23 1		n.a.	W 2
T 3	17 43	17 39	3 21	18 46	1 40	23 16	0 13	13 4	1 13	24 15	0 32	17 46	1 44	2 55	0 41	10 55	1 52	23 36	17 29	23 10	23 16	23 1		n.a.	T 3
F 4	17 26	20 50	2 15	18 7	1 35	23 14	0 10	13 16	1 14	24 15	0 32	17 46	1 44	2 54	0 41	10 56	1 52	23 37	17 29	23 10	23 16	23 1		n.a.	F 4
S 5	17 9	22 44	0 59	17 26	1 29	23 12	0 7	13 28	1 14	24 15	0 32	17 47	1 44	2 53	0 41	10 56	1 52	23 38	17 29	23 10	23 16	23 1		n.a.	S 5
S 6	16 52	23 5	0s23	16 44	1 23	23 9	0 4	13 39	1 14	24 15	0 32	17 48	1 44	2 52	0 41	10 56	1 52	23 39	17 30	23 9	23 17	23 1		n.a.	S 6
M 7	16 34	21 46	1 43	16 0	1 16	23 6	0 1	13 51	1 15	24 15	0 32	17 48	1 44	2 51	0 41	10 56	1 52	23 39	17 30	23 10	23 17	23 0		n.a.	M 7
T 8	16 16	18 52	2 57	15 14	1 8	23 1	0s 2	14 3	1 15	24 15	0 32	17 49	1 44	2 49	0 41	10 57	1 52	23 40	17 30	23 10	23 17	23 0		n.a.	T 8
W 9	15 58	14 44	3 57	14 26	0 59	22 56	0 5	14 14	1 15	24 15	0 32	17 49	1 44	2 48	0 41	10 57	1 52	23 41	17 30	23 10	23 17	23 0		n.a.	W 9
T 10	15 40	9 47	4 41	13 38	0 50	22 51	0 8	14 26	1 16	24 15	0 32	17 50	1 45	2 47	0 41	10 57	1 52	23 42	17 31	23 11	23 18	23 0		n.a.	T 10
F 11	15 21	4 24	5 6	12 48	0 41	22 44	0 11	14 38	1 16	24 15	0 32	17 51	1 45	2 46	0 41	10 58	1 52	23 43	17 31	23 11	23 18	23 0		n.a.	F 11
S 12	15 2	1n 1	5 11	11 57	0 31	22 37	0 14	14 49	1 16	24 15	0 32	17 51	1 45	2 45	0 41	10 58	1 52	23 44	17 31	23 12	23 18	23 0		n.a.	S 12
S 13	14 43	6 13	4 59	11 6	0 20	22 29	0 17	15 0	1 16	24 15	0 32	17 51	1 45	2 43	0 41	10 59	1 52	23 44	17 32	23 12	23 18	23 0		n.a.	S 13
M14	14 24	10 59	4 32	10 14	0 9	22 21	0 19	15 12	1 17	24 15	0 32	17 52	1 45	2 42	0 41	10 59	1 52	23 45	17 32	23 12	23 19	22 59		n.a.	M14
T 15	14 4	15 7	3 52	9 21	0n 3	22 12	0 22	15 23	1 17	24 15	0 32	17 52	1 45	2 41	0 41	10 59	1 52	23 46	17 32	23 12	23 19	22 59		n.a.	T 15
W16	13 45	18 31	3 3	8 29	0 15	22 2	0 25	15 34	1 17	24 15	0 32	17 53	1 45	2 40	0 41	11 0	1 52	23 47	17 32	23 12	23 19	22 59		n.a.	W16
T 17	13 25	21 3	2 7	7 37	0 28	21 52	0 28	15 46	1 17	24 15	0 32	17 53	1 45	2 39	0 41	11 0	1 51	23 48	17 32	23 12	23 19	22 59		n.a.	T 17
F 18	13 4	22 38	1 5	6 46	0 40	21 41	0 30	15 57	1 18	24 15	0 32	17 53	1 46	2 37	0 41	11 1	1 51	23 49	17 33	23 12	23 20	22 59		n.a.	F 18
S 19	12 44	23 12	0 2	5 55	0 53	21 29	0 33	16 8	1 18	24 15	0 32	17 54	1 46	2 36	0 41	11 1	1 51	23 49	17 33	23 12	23 20	22 58		n.a.	S 19
S 20	12 23	22 43	1n 2	5 6	1 6	21 17	0 36	16 19	1 18	24 15	0 32	17 54	1 46	2 35	0 41	11 1	1 51	23 50	17 33	23 12	23 20	22 58		n.a.	S 20
M21	12 3	21 13	2 3	4 18	1 19	21 4	0 38	16 30	1 18	24 15	0 32	17 54	1 46	2 33	0 41	11 2	1 51	23 51	17 33	23 12	23 20	22 58		n.a.	M21
T 22	11 42	18 46	2 59	3 32	1 32	20 51	0 41	16 41	1 19	24 15	0 32	17 55	1 46	2 32	0 41	11 2	1 51	23 52	17 33	23 13	23 21	22 58		n.a.	T 22
W23	11 20	15 29	3 47	2 49	1 45	20 36	0 43	16 52	1 19	24 15	0 32	17 55	1 46	2 31	0 41	11 3	1 51	23 52	17 33	23 13	23 21	22 57		n.a.	W23
T 24	10 59	11 30	4 26	2 7	1 57	20 22	0 46	17 2	1 19	24 15	0 32	17 55	1 46	2 30	0 41	11 3	1 51	23 53	17 33	23 14	23 21	22 57		n.a.	T 24
F 25	10 38	7 0	4 52	1 29	2 9	20 6	0 48	17 13	1 19	24 15	0 32	17 55	1 46	2 28	0 41	11 4	1 51	23 54	17 34	23 15	23 21	22 57		n.a.	F 25
S 26	10 16	2 8	5 5	0 53	2 21	19 51	0 50	17 24	1 19	24 15	0 32	17 55	1 46	2 27	0 41	11 4	1 51	23 55	17 34	23 16	23 22	22 57		n.a.	S 26
S 27	9 54	2s54	5 3	0 20	2 32	19 34	0 52	17 34	1 20	24 15	0 33	17 56	1 47	2 26	0 41	11 5	1 51	23 55	17 34	23 16	23 22	22 56		n.a.	S 27
M28	9s32	7s54	4n45	0n 9	2n42	19s17	0s55	17n45	1n20	24n15	0n33	17s56	1n47	2s24	0s41	11n 5	1s51	23n56	17n34	23n17	23n22	22n56		n.a.	M28

Julian Day Number = 1629411.5, Delta T = 03h42m48s
Ecliptic obliquity = 23°43'31, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'53, Lahiri = - 7°25'53 Julian Calendar 1 Feb. 252 BCE == Greg. Calendar 28 Jan. 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

MARCH 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 18 35	6♓39'40	15♏23	24♓55	9♒31	15♉23	27♊56	26♏45	25♓37	3♉30	10°R15	10°R41	9♋38	22♋48	n.a.	T 1
W 2	10 22 31	7°38'43	28°53	25°30	10°44	15°58	27°57	26°45	25°40	3°31	10♍13	10♋39	9°35	22°54	n.a.	W 2
T 3	10 26 28	8°37'45	12♐38	25°59	11°57	16°32	27°58	26°46	25°43	3°33	10°12	10°D39	9°32	23° 1	n.a.	T 3
F 4	10 30 25	9°36'46	26°39	26°21	13°11	17° 6	27°59	26°47	25°47	3°34	10°10	10°39	9°29	23° 8	n.a.	F 4
S 5	10 34 21	10°35'44	10♑57	26°35	14°24	17°41	28° 0	26°47	25°50	3°36	10° 8	10°R40	9°25	23°14	n.a.	S 5
S 6	10 38 18	11°34'40	25°29	26°43	15°37	18°15	28° 1	26°48	25°53	3°37	10° 7	10°39	9°22	23°21	n.a.	S 6
M 7	10 42 14	12°33'35	10♒13	26°R43	16°51	18°50	28° 3	26°48	25°57	3°39	10° 5	10°36	9°19	23°28	n.a.	M 7
T 8	10 46 11	13°32'28	25° 1	26°37	18° 4	19°24	28° 5	26°48	26° 0	3°40	10° 3	10°30	9°16	23°34	n.a.	T 8
W 9	10 50 7	14°31'18	9♓47	26°25	19°17	19°59	28° 7	26°49	26° 4	3°42	10° 2	10°22	9°13	23°41	n.a.	W 9
T 10	10 54 4	15°30'07	24°22	26° 7	20°30	20°34	28° 9	26°R49	26° 7	3°44	10° 0	10°12	9°10	23°48	n.a.	T 10
F 11	10 58 0	16°28'53	8♈40	25°43	21°44	21° 8	28°11	26°49	26°10	3°45	9°58	10° 2	9° 6	23°54	n.a.	F 11
S 12	11 1 57	17°27'37	22°34	25°14	22°57	21°43	28°14	26°48	26°14	3°47	9°57	9°52	9° 3	24° 1	n.a.	S 12
S 13	11 5 54	18°26'19	6♉ 2	24°41	24°10	22°18	28°16	26°48	26°17	3°48	9°55	9°43	9° 0	24° 7	n.a.	S 13
M14	11 9 50	19°24'58	19° 4	24° 4	25°24	22°53	28°19	26°48	26°21	3°50	9°53	9°37	8°57	24°14	n.a.	M14
T 15	11 13 47	20°23'36	1♊42	23°24	26°37	23°28	28°22	26°47	26°24	3°52	9°52	9°33	8°54	24°21	n.a.	T 15
W16	11 17 43	21°22'11	13°59	22°42	27°50	24° 3	28°26	26°47	26°27	3°54	9°50	9°32	8°50	24°27	n.a.	W16
T 17	11 21 40	22°20'43	26° 1	21°59	29° 3	24°38	28°29	26°46	26°31	3°55	9°48	9°D32	8°47	24°34	n.a.	T 17
F 18	11 25 36	23°19'14	7♋53	21°15	0♓17	25°13	28°33	26°45	26°34	3°57	9°47	9°R32	8°44	24°41	n.a.	F 18
S 19	11 29 33	24°17'42	19°41	20°32	1°30	25°48	28°36	26°45	26°38	3°59	9°45	9°32	8°41	24°47	n.a.	S 19
S 20	11 33 29	25°16'08	1♌29	19°50	2°43	26°23	28°40	26°44	26°41	4° 1	9°44	9°30	8°38	24°54	n.a.	S 20
M21	11 37 26	26°14'32	13°22	19° 9	3°57	26°58	28°44	26°43	26°45	4° 3	9°42	9°25	8°35	25° 1	n.a.	M21
T 22	11 41 23	27°12'54	25°25	18°31	5°10	27°33	28°49	26°42	26°48	4° 5	9°40	9°18	8°31	25° 7	n.a.	T 22
W23	11 45 19	28°11'13	7♍40	17°57	6°23	28° 8	28°53	26°40	26°51	4° 6	9°39	9° 8	8°28	25°14	n.a.	W23
T 24	11 49 16	29° 9'30	20° 8	17°25	7°36	28°44	28°58	26°39	26°55	4° 8	9°37	8°57	8°25	25°21	n.a.	T 24
F 25	11 53 12	0♈ 7'46	2♎50	16°58	8°50	29°19	29° 2	26°38	26°58	4°10	9°36	8°44	8°22	25°27	n.a.	F 25
S 26	11 57 9	1° 6'00	15°47	16°35	10° 3	29°54	29° 7	26°36	27° 2	4°12	9°34	8°31	8°19	25°34	n.a.	S 26
S 27	12 1 5	2° 4'11	28°56	16°16	11°16	0♊29	29°12	26°35	27° 5	4°14	9°33	8°19	8°16	25°41	n.a.	S 27
M28	12 5 2	3° 2'21	12♏18	16° 3	12°30	1° 5	29°17	26°33	27° 9	4°16	9°31	8°10	8°12	25°47	n.a.	M28
T 29	12 8 58	4° 0'30	25°49	15°54	13°43	1°40	29°23	26°31	27°12	4°18	9°30	8° 3	8° 9	25°54	n.a.	T 29
W30	12 12 55	4°58'37	9♐30	15°D50	14°56	2°16	29°28	26°29	27°15	4°20	9°28	8° 0	8° 6	26° 1	n.a.	W30
T 31	12 16 51	5♈56'42	23♐21	15♓51	16♓10	2♊51	29♊34	26♏28	27♓19	4♉22	9♍27	7♋58	8♋ 3	26♋ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9s10	12s38	4n12	0n35	2n52	19s 0	0s57	17n55	1n20	24n15	0n33	17s56	1n47	2s23	0s41	11n 6	1s51	23n57	17n34	23n17	23n22	22n56			n.a.
W 2	8 48	16 49	3 25	0 57	3 0	18 42	0 59	18 5	1 20	24 15	0 33	17 56	1 47	2 22	0 41	11 6	1 51	23 58	17 34	23 18	23 22	22 56			n.a.
T 3	8 26	20 12	2 24	1 15	3 8	18 23	1 1	18 16	1 20	24 15	0 33	17 56	1 47	2 20	0 41	11 7	1 51	23 58	17 34	23 18	23 23	22 55			n.a.
F 4	8 3	22 27	1 14	1 30	3 14	18 4	1 3	18 26	1 20	24 15	0 33	17 56	1 47	2 19	0 41	11 7	1 51	23 59	17 34	23 18	23 23	22 55			n.a.
S 5	7 41	23 18	0s 2	1 40	3 20	17 44	1 5	18 36	1 21	24 15	0 33	17 56	1 47	2 18	0 41	11 8	1 51	24 0	17 34	23 17	23 23	22 55			n.a.
S 6	7 18	22 35	1 18	1 47	3 24	17 24	1 7	18 46	1 21	24 15	0 33	17 56	1 47	2 16	0 41	11 9	1 50	24 0	17 34	23 18	23 23	22 54			n.a.
M 7	6 56	20 19	2 31	1 50	3 26	17 4	1 8	18 55	1 21	24 15	0 33	17 56	1 47	2 15	0 41	11 9	1 50	24 1	17 34	23 18	23 24	22 54			n.a.
T 8	6 33	16 41	3 34	1 48	3 27	16 43	1 10	19 5	1 21	24 15	0 33	17 56	1 48	2 14	0 41	11 10	1 50	24 2	17 34	23 18	23 24	22 54			n.a.
W 9	6 10	12 1	4 22	1 43	3 27	16 21	1 12	19 15	1 21	24 15	0 33	17 56	1 48	2 12	0 40	11 10	1 50	24 2	17 34	23 19	23 24	22 53			n.a.
T 10	5 47	6 43	4 52	1 34	3 25	15 59	1 13	19 24	1 21	24 15	0 33	17 56	1 48	2 11	0 40	11 11	1 50	24 3	17 34	23 20	23 24	22 53			n.a.
F 11	5 24	1 10	5 3	1 21	3 22	15 37	1 15	19 34	1 21	24 16	0 33	17 56	1 48	2 9	0 40	11 12	1 50	24 4	17 34	23 20	23 25	22 53			n.a.
S 12	5 1	4n18	4 56	1 5	3 17	15 14	1 16	19 43	1 21	24 16	0 33	17 55	1 48	2 8	0 40	11 12	1 50	24 4	17 34	23 21	23 25	22 52			n.a.
S 13	4 38	9 25	4 32	0 46	3 10	14 51	1 18	19 53	1 22	24 16	0 33	17 55	1 48	2 7	0 40	11 13	1 50	24 5	17 34	23 22	23 25	22 52			n.a.
M14	4 14	13 56	3 55	0 24	3 2	14 27	1 19	20 2	1 22	24 16	0 33	17 55	1 48	2 5	0 40	11 13	1 50	24 5	17 34	23 22	23 25	22 52			n.a.
T 15	3 51	17 42	3 7	0s 1	2 52	14 3	1 20	20 11	1 22	24 16	0 33	17 55	1 48	2 4	0 40	11 14	1 50	24 6	17 34	23 23	23 25	22 51			n.a.
W16	3 28	20 34	2 12	0 28	2 41	13 39	1 22	20 20	1 22	24 16	0 33	17 55	1 49	2 3	0 40	11 15	1 50	24 7	17 34	23 23	23 26	22 51			n.a.
T 17	3 4	22 29	1 11	0 56	2 29	13 14	1 23	20 29	1 22	24 16	0 33	17 54	1 49	2 1	0 40	11 15	1 50	24 7	17 34	23 23	23 26	22 51			n.a.
F 18	2 41	23 21	0 9	1 26	2 16	12 49	1 24	20 37	1 22	24 16	0 33	17 54	1 49	2 0	0 40	11 16	1 50	24 8	17 34	23 23	23 26	22 50			n.a.
S 19	2 18	23 9	0n54	1 56	2 2	12 23	1 25	20 46	1 22	24 16	0 33	17 54	1 49	1 58	0 40	11 17	1 50	24 8	17 34	23 23	23 26	22 50			n.a.
S 20	1 54	21 55	1 54	2 27	1 46	11 57	1 26	20 54	1 22	24 16	0 33	17 54	1 49	1 57	0 40	11 17	1 50	24 9	17 33	23 23	23 26	22 50			n.a.
M21	1 31	19 42	2 49	2 57	1 31	11 31	1 27	21 3	1 22	24 16	0 33	17 53	1 49	1 56	0 40	11 18	1 50	24 9	17 33	23 23	23 27	22 49			n.a.
T 22	1 7	16 37	3 38	3 27	1 15	11 5	1 27	21 11	1 22	24 16	0 33	17 53	1 49	1 54	0 40	11 19	1 50	24 10	17 33	23 24	23 27	22 49			n.a.
W23	0 44	12 46	4 17	3 56	0 58	10 38	1 28	21 19	1 22	24 16	0 33	17 52	1 49	1 53	0 40	11 19	1 50	24 10	17 33	23 24	23 27	22 48			n.a.
T 24	0 20	8 18	4 45	4 23	0 42	10 11	1 29	21 27	1 22	24 16	0 33	17 52	1 49	1 51	0 40	11 20	1 50	24 11	17 33	23 25	23 27	22 48			n.a.
F 25	0n 3	3 25	4 59	4 49	0 25	9 44	1 29	21 35	1 22	24 16	0 33	17 52	1 49	1 50	0 40	11 21	1 50	24 11	17 33	23 26	23 27	22 48			n.a.
S 26	0 27	1s42	4 58	5 13	0 9	9 17	1 30	21 43	1 22	24 16	0 33	17 51	1 50	1 49	0 40	11 21	1 50	24 12	17 32	23 27	23 28	22 47			n.a.
S 27	0 50	6 51	4 42	5 35	0s 7	8 49	1 30	21 50	1 23	24 16	0 33	17 51	1 50	1 47	0 40	11 22	1 49	24 12	17 32	23 28	23 28	22 47			n.a.
M28	1 13	11 45	4 10	5 55	0 22	8 21	1 31	21 58	1 23	24 16	0 33	17 50	1 50	1 46	0 40	11 23	1 49	24 12	17 32	23 28	23 28	22 46			n.a.
T 29	1 37	16 9	3 23	6 12	0 37	7 53	1 31	22 5	1 23	24 16	0 33	17 50	1 50	1 45	0 40	11 23	1 49	24 13	17 32	23 29	23 28	22 46			n.a.
W30	2 0	19 46	2 24	6 27	0 52	7 24	1 31	22 13	1 23	24 16	0 33	17 49	1 50	1 43	0 40	11 24	1 49	24 13	17 32	23 29	23 28	22 45			n.a.
T 31	2n23	22s17	1n17	6s39	1s 5	6s56	1s31	22n20	1n23	24n17	0n33	17s49	1n50	1s42	0s40	11n25	1s49	24n14	17n31	23n29	23n29	22n45			n.a.

Julian Day Number = 1629439.5, Delta T = 03h42m47s
Ecliptic obliquity = 23°43'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'49, Lahiri = - 7°25'49 Julian Calendar 1 March 252 BCE == Greg. Calendar 25 Feb. 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

APRIL 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 20 48	6♈54'46	7♉19	15♓56	17♓23	3♊26	29♊40	26°R26	27♓22	4♉24	9°R25	7°R58	8♋ 0	26♋14	n.a.	F 1
S 2	12 24 45	7°52'49	21°27	16° 7	18°36	4° 2	29°46	26♏23	27°26	4°26	9♍24	7♋58	7°56	26°21	n.a.	S 2
S 3	12 28 41	8°50'50	5♒42	16°22	19°49	4°38	29°52	26°21	27°29	4°28	9°23	7°56	7°53	26°27	n.a.	S 3
M 4	12 32 38	9°48'50	20° 3	16°42	21° 3	5°13	29°58	26°19	27°32	4°30	9°21	7°52	7°50	26°34	n.a.	M 4
T 5	12 36 34	10°46'48	4♓27	17° 6	22°16	5°49	0♋ 5	26°17	27°36	4°32	9°20	7°46	7°47	26°40	n.a.	T 5
W 6	12 40 31	11°44'44	18°48	17°35	23°29	6°24	0°11	26°14	27°39	4°34	9°18	7°37	7°44	26°47	n.a.	W 6
T 7	12 44 27	12°42'39	3♈ 1	18° 7	24°43	7° 0	0°18	26°12	27°42	4°37	9°17	7°25	7°41	26°54	n.a.	T 7
F 8	12 48 24	13°40'33	17° 1	18°44	25°56	7°36	0°25	26° 9	27°46	4°39	9°16	7°13	7°37	27° 0	n.a.	F 8
S 9	12 52 20	14°38'25	0♉42	19°24	27° 9	8°11	0°32	26° 6	27°49	4°41	9°14	7° 2	7°34	27° 7	n.a.	S 9
S 10	12 56 17	15°36'15	14° 2	20° 8	28°23	8°47	0°39	26° 4	27°52	4°43	9°13	6°52	7°31	27°14	n.a.	S 10
M11	13 0 14	16°34'03	27° 0	20°56	29°36	9°23	0°46	26° 1	27°56	4°45	9°12	6°44	7°28	27°20	n.a.	M11
T 12	13 4 10	17°31'50	9♊36	21°47	0♈49	9°59	0°53	25°58	27°59	4°47	9°11	6°39	7°25	27°27	n.a.	T 12
W13	13 8 7	18°29'35	21°53	22°41	2° 3	10°35	1° 1	25°55	28° 2	4°49	9° 9	6°37	7°22	27°34	n.a.	W13
T 14	13 12 3	19°27'19	3♋56	23°39	3°16	11°10	1° 8	25°52	28° 5	4°52	9° 8	6°D36	7°18	27°40	n.a.	T 14
F 15	13 16 0	20°25'01	15°50	24°40	4°29	11°46	1°16	25°49	28° 9	4°54	9° 7	6°R36	7°15	27°47	n.a.	F 15
S 16	13 19 56	21°22'40	27°39	25°43	5°43	12°22	1°24	25°46	28°12	4°56	9° 6	6°36	7°12	27°54	n.a.	S 16
S 17	13 23 53	22°20'19	9♌29	26°50	6°56	12°58	1°32	25°42	28°15	4°58	9° 5	6°34	7° 9	28° 0	n.a.	S 17
M18	13 27 49	23°17'55	21°25	27°59	8° 9	13°34	1°40	25°39	28°18	5° 0	9° 4	6°31	7° 6	28° 7	n.a.	M18
T 19	13 31 46	24°15'30	3♍32	29°12	9°23	14°10	1°48	25°36	28°22	5° 3	9° 3	6°25	7° 2	28°14	n.a.	T 19
W20	13 35 43	25°13'04	15°54	0♈26	10°36	14°46	1°57	25°32	28°25	5° 5	9° 2	6°17	6°59	28°20	n.a.	W20
T 21	13 39 39	26°10'36	28°34	1°44	11°49	15°22	2° 5	25°29	28°28	5° 7	9° 1	6° 7	6°56	28°27	n.a.	T 21
F 22	13 43 36	27° 8'06	11♎31	3° 4	13° 3	15°58	2°14	25°25	28°31	5° 9	9° 0	5°56	6°53	28°34	n.a.	F 22
S 23	13 47 32	28° 5'35	24°47	4°27	14°16	16°34	2°23	25°22	28°34	5°11	8°59	5°45	6°50	28°40	n.a.	S 23
S 24	13 51 29	29° 3'03	8♏19	5°52	15°30	17°10	2°31	25°18	28°37	5°14	8°58	5°35	6°47	28°47	n.a.	S 24
M25	13 55 25	0♉ 0'30	22° 4	7°19	16°43	17°46	2°40	25°14	28°40	5°16	8°57	5°27	6°43	28°54	n.a.	M25
T 26	13 59 22	0°57'56	5♐59	8°50	17°56	18°23	2°49	25°11	28°43	5°18	8°56	5°21	6°40	29° 0	n.a.	T 26
W27	14 3 18	1°55'21	20° 2	10°22	19°10	18°59	2°59	25° 7	28°46	5°20	8°55	5°18	6°37	29° 7	n.a.	W27
T 28	14 7 15	2°52'45	4♑ 9	11°57	20°23	19°35	3° 8	25° 3	28°49	5°23	8°54	5°D17	6°34	29°14	n.a.	T 28
F 29	14 11 12	3°50'09	18°17	13°34	21°36	20°11	3°17	24°59	28°52	5°25	8°54	5°17	6°31	29°20	n.a.	F 29
S 30	14 15 8	4♉47'31	2♒26	15♈14	22♈50	20♊47	3♋27	24♏55	28♓55	5♉27	8♍53	5°R18	6♋27	29♋27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n47	23s28	0n 3	6s49	1s18	6s27	1s32	22n27	1n23	24n17	0n33	17s48	1n50	1s40	0s40	11n26	1s49	24n14	17n31	23n29	23n29	22n44		n.a.
S 2	3 10	23 9	1s11	6 56	1 31	5 58	1 32	22 34	1 23	24 17	0 33	17 48	1 50	1 39	0 40	11 26	1 49	24 14	17 31	23 29	23 29	22 44		n.a.
S 3	3 33	21 21	2 21	7 0	1 42	5 29	1 32	22 40	1 23	24 17	0 33	17 47	1 50	1 38	0 40	11 27	1 49	24 15	17 31	23 29	23 29	22 44		n.a.
M 4	3 56	18 10	3 23	7 3	1 53	4 59	1 32	22 47	1 23	24 17	0 33	17 46	1 50	1 36	0 40	11 28	1 49	24 15	17 30	23 29	23 29	22 43		n.a.
T 5	4 19	13 54	4 12	7 2	2 3	4 30	1 31	22 53	1 23	24 17	0 33	17 46	1 50	1 35	0 40	11 28	1 49	24 15	17 30	23 30	23 30	22 43		n.a.
W 6	4 42	8 50	4 45	6 59	2 12	4 0	1 31	23 0	1 23	24 17	0 33	17 45	1 50	1 34	0 40	11 29	1 49	24 16	17 30	23 30	23 30	22 42		n.a.
T 7	5 5	3 22	5 0	6 54	2 20	3 31	1 31	23 6	1 23	24 17	0 33	17 45	1 51	1 32	0 40	11 30	1 49	24 16	17 30	23 31	23 30	22 42		n.a.
F 8	5 28	2n12	4 56	6 46	2 28	3 1	1 30	23 12	1 23	24 17	0 33	17 44	1 51	1 31	0 40	11 31	1 49	24 16	17 29	23 32	23 30	22 41		n.a.
S 9	5 50	7 33	4 36	6 37	2 35	2 31	1 30	23 18	1 23	24 17	0 33	17 43	1 51	1 30	0 40	11 31	1 49	24 16	17 29	23 32	23 30	22 41		n.a.
S 10	6 13	12 25	4 0	6 25	2 41	2 1	1 30	23 23	1 23	24 17	0 33	17 42	1 51	1 28	0 40	11 32	1 49	24 16	17 29	23 33	23 31	22 40		n.a.
M11	6 35	16 35	3 13	6 10	2 46	1 31	1 29	23 29	1 23	24 17	0 33	17 42	1 51	1 27	0 40	11 33	1 49	24 17	17 28	23 33	23 31	22 40		n.a.
T 12	6 58	19 53	2 18	5 54	2 50	1 1	1 28	23 34	1 23	24 17	0 33	17 41	1 51	1 26	0 40	11 34	1 49	24 17	17 28	23 33	23 31	22 39		n.a.
W13	7 20	22 11	1 17	5 36	2 54	0 31	1 28	23 40	1 23	24 17	0 33	17 40	1 51	1 24	0 40	11 34	1 49	24 17	17 28	23 33	23 31	22 39		n.a.
T 14	7 42	23 26	0 14	5 15	2 57	0 1	1 27	23 45	1 23	24 16	0 33	17 39	1 51	1 23	0 40	11 35	1 49	24 17	17 27	23 34	23 31	22 38		n.a.
F 15	8 4	23 35	0n49	4 53	2 59	0n29	1 26	23 50	1 23	24 16	0 33	17 39	1 51	1 22	0 40	11 36	1 49	24 17	17 27	23 34	23 31	22 37		n.a.
S 16	8 26	22 40	1 49	4 29	3 1	1 0	1 25	23 55	1 23	24 16	0 33	17 38	1 51	1 21	0 40	11 37	1 49	24 17	17 27	23 34	23 32	22 37		n.a.
S 17	8 48	20 45	2 45	4 3	3 2	1 30	1 24	23 59	1 23	24 16	0 33	17 37	1 51	1 19	0 40	11 37	1 49	24 18	17 26	23 34	23 32	22 36		n.a.
M18	9 9	17 55	3 34	3 35	3 2	2 0	1 23	24 4	1 23	24 16	0 33	17 36	1 51	1 18	0 40	11 38	1 49	24 18	17 26	23 34	23 32	22 36		n.a.
T 19	9 31	14 16	4 15	3 5	3 1	2 30	1 22	24 8	1 22	24 16	0 33	17 35	1 51	1 17	0 40	11 39	1 49	24 18	17 25	23 34	23 32	22 35		n.a.
W20	9 52	9 58	4 44	2 34	3 0	3 0	1 21	24 13	1 22	24 16	0 33	17 34	1 51	1 15	0 41	11 40	1 49	24 18	17 25	23 34	23 32	22 35		n.a.
T 21	10 13	5 9	5 0	2 1	2 58	3 30	1 20	24 17	1 22	24 16	0 33	17 34	1 51	1 14	0 41	11 40	1 49	24 18	17 25	23 35	23 32	22 34		n.a.
F 22	10 34	0s 0	5 1	1 27	2 55	4 0	1 19	24 20	1 22	24 16	0 33	17 33	1 51	1 13	0 41	11 41	1 49	24 18	17 24	23 35	23 33	22 34		n.a.
S 23	10 55	5 17	4 46	0 51	2 52	4 30	1 18	24 24	1 22	24 16	0 33	17 32	1 51	1 12	0 41	11 42	1 49	24 18	17 24	23 36	23 33	22 33		n.a.
S 24	11 16	10 25	4 15	0 13	2 49	5 0	1 16	24 28	1 22	24 15	0 33	17 31	1 51	1 10	0 41	11 43	1 49	24 18	17 23	23 36	23 33	22 32		n.a.
M25	11 37	15 8	3 29	0n26	2 44	5 30	1 15	24 31	1 22	24 15	0 33	17 30	1 51	1 9	0 41	11 44	1 49	24 18	17 23	23 37	23 33	22 32		n.a.
T 26	11 57	19 7	2 29	1 6	2 39	5 59	1 13	24 34	1 22	24 15	0 33	17 29	1 51	1 8	0 41	11 44	1 49	24 18	17 23	23 37	23 33	22 31		n.a.
W27	12 17	22 0	1 20	1 48	2 34	6 29	1 12	24 37	1 22	24 15	0 33	17 28	1 51	1 7	0 41	11 45	1 49	24 18	17 22	23 37	23 33	22 31		n.a.
T 28	12 37	23 33	0 6	2 31	2 28	6 58	1 10	24 40	1 22	24 15	0 33	17 27	1 51	1 6	0 41	11 46	1 49	24 18	17 22	23 37	23 34	22 30		n.a.
F 29	12 57	23 36	1s 9	3 15	2 21	7 27	1 9	24 43	1 22	24 15	0 33	17 26	1 51	1 4	0 41	11 47	1 49	24 17	17 21	23 37	23 34	22 29		n.a.
S 30	13n16	22s 7	2s20	4n 1	2s14	7n57	1s 7	24n46	1n22	24n14	0n34	17s25	1n51	1s 3	0s41	11n47	1s49	24n17	17n21	23n37	23n34	22n29		n.a.

Julian Day Number = 1629470.5, Delta T = 03h42m46s
Ecliptic obliquity = 23°43'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'45, Lahiri = - 7°25'45 Julian Calendar 1 Apr. 252 BCE == Greg. Calendar 28 March 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

MAY 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 19 5	5♉44'53	16♒35	16♈56	24♈ 3	21♊24	3♋36	24°R51	28♓58	5♉29	8°R52	5°R17	6♋24	29♋33	n.a.	S 1
M 2	14 23 1	6°42'14	0♓41	18°41	25°17	22° 0	3°46	24♏47	29° 1	5°32	8♍51	5♋15	6°21	29°40	n.a.	M 2
T 3	14 26 58	7°39'35	14°43	20°28	26°30	22°36	3°56	24°43	29° 4	5°34	8°51	5°11	6°18	29°47	n.a.	T 3
W 4	14 30 54	8°36'54	28°39	22°17	27°43	23°13	4° 5	24°39	29° 7	5°36	8°50	5° 4	6°15	29°53	n.a.	W 4
T 5	14 34 51	9°34'13	12♈26	24° 9	28°57	23°49	4°15	24°35	29° 9	5°38	8°49	4°56	6°12	0♌ 0	n.a.	T 5
F 6	14 38 47	10°31'32	26° 1	26° 3	0♉10	24°25	4°25	24°30	29°12	5°41	8°49	4°46	6° 8	0° 7	n.a.	F 6
S 7	14 42 44	11°28'49	9♉20	27°59	1°24	25° 2	4°35	24°26	29°15	5°43	8°48	4°38	6° 5	0°13	n.a.	S 7
S 8	14 46 41	12°26'06	22°23	29°57	2°37	25°38	4°46	24°22	29°18	5°45	8°48	4°30	6° 2	0°20	n.a.	S 8
M 9	14 50 37	13°23'22	5♊ 8	1♉58	3°51	26°15	4°56	24°18	29°20	5°47	8°47	4°24	5°59	0°27	n.a.	M 9
T 10	14 54 34	14°20'37	17°37	4° 0	5° 4	26°51	5° 6	24°13	29°23	5°50	8°47	4°21	5°56	0°33	n.a.	T 10
W11	14 58 30	15°17'52	29°50	6° 5	6°18	27°28	5°17	24° 9	29°26	5°52	8°46	4°D19	5°53	0°40	n.a.	W11
T 12	15 2 27	16°15'05	11♋51	8°10	7°31	28° 4	5°27	24° 5	29°28	5°54	8°46	4°19	5°49	0°47	n.a.	T 12
F 13	15 6 23	17°12'18	23°44	10°18	8°45	28°41	5°38	24° 1	29°31	5°56	8°46	4°21	5°46	0°53	n.a.	F 13
S 14	15 10 20	18° 9'30	5♌33	12°27	9°58	29°17	5°49	23°56	29°33	5°58	8°45	4°22	5°43	1° 0	n.a.	S 14
S 15	15 14 16	19° 6'40	17°23	14°37	11°12	29°54	6° 0	23°52	29°36	6° 1	8°45	4°R23	5°40	1° 7	n.a.	S 15
M16	15 18 13	20° 3'51	29°21	16°47	12°25	0♋31	6°10	23°47	29°38	6° 3	8°45	4°22	5°37	1°13	n.a.	M16
T 17	15 22 10	21° 1'00	11♍30	18°58	13°38	1° 7	6°21	23°43	29°41	6° 5	8°45	4°20	5°33	1°20	n.a.	T 17
W18	15 26 6	21°58'08	23°55	21°10	14°52	1°44	6°32	23°39	29°43	6° 7	8°44	4°16	5°30	1°27	n.a.	W18
T 19	15 30 3	22°55'16	6♎39	23°21	16° 6	2°21	6°43	23°34	29°46	6° 9	8°44	4°11	5°27	1°33	n.a.	T 19
F 20	15 33 59	23°52'24	19°45	25°33	17°19	2°57	6°55	23°30	29°48	6°11	8°44	4° 5	5°24	1°40	n.a.	F 20
S 21	15 37 56	24°49'30	3♏14	27°43	18°33	3°34	7° 6	23°25	29°50	6°14	8°44	3°58	5°21	1°47	n.a.	S 21
S 22	15 41 52	25°46'37	17° 3	29°53	19°46	4°11	7°17	23°21	29°52	6°16	8°44	3°52	5°18	1°53	n.a.	S 22
M23	15 45 49	26°43'43	1♐10	2♊ 2	21° 0	4°48	7°28	23°17	29°55	6°18	8°44	3°48	5°14	2° 0	n.a.	M23
T 24	15 49 45	27°40'49	15°30	4°10	22°13	5°24	7°40	23°12	29°57	6°20	8°D44	3°45	5°11	2° 7	n.a.	T 24
W25	15 53 42	28°37'54	29°59	6°16	23°27	6° 1	7°51	23° 8	29°59	6°22	8°44	3°D44	5° 8	2°13	n.a.	W25
T 26	15 57 39	29°35'00	14♑29	8°21	24°40	6°38	8° 3	23° 4	0♈ 1	6°24	8°44	3°44	5° 5	2°20	n.a.	T 26
F 27	16 1 35	0♊32'06	28°57	10°24	25°54	7°15	8°15	22°59	0° 3	6°26	8°44	3°45	5° 2	2°27	n.a.	F 27
S 28	16 5 32	1°29'12	13♒19	12°26	27° 8	7°52	8°26	22°55	0° 5	6°28	8°44	3°47	4°59	2°33	n.a.	S 28
S 29	16 9 28	2°26'18	27°32	14°25	28°21	8°29	8°38	22°51	0° 7	6°31	8°44	3°R48	4°55	2°40	n.a.	S 29
M30	16 13 25	3°23'24	11♓34	16°23	29°35	9° 6	8°50	22°46	0° 9	6°33	8°44	3°47	4°52	2°47	n.a.	M30
T 31	16 17 21	4♊20'30	25♓24	18♊19	0♊48	9♋43	9♋ 2	22♏42	0♈11	6♉35	8♍45	3♋46	4♋49	2♌53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	13n36	19s16	3s22	4n47	2s 6	8n25	1s 6	24n48	1n22	24n14	0n34	17s24	1n51	1s 2	0s41	11n48	1s49	24n17	17n20	23n37	23n34	22n28			n.a.
M 2	13 55	15 17	4 12	5 35	1 58	8 54	1 4	24 50	1 22	24 14	0 34	17 23	1 51	1 1	0 41	11 49	1 49	24 17	17 20	23 37	23 34	22 27			n.a.
T 3	14 14	10 29	4 46	6 24	1 50	9 23	1 2	24 52	1 22	24 14	0 34	17 22	1 51	1 0	0 41	11 50	1 49	24 17	17 19	23 37	23 34	22 27			n.a.
W 4	14 33	5 10	5 3	7 13	1 41	9 51	1 0	24 54	1 21	24 13	0 34	17 21	1 51	0 59	0 41	11 50	1 49	24 17	17 19	23 38	23 35	22 26			n.a.
T 5	14 51	0n20	5 3	8 3	1 32	10 19	0 58	24 56	1 21	24 13	0 34	17 20	1 51	0 58	0 41	11 51	1 49	24 17	17 18	23 38	23 35	22 25			n.a.
F 6	15 9	5 45	4 45	8 54	1 22	10 47	0 57	24 58	1 21	24 13	0 34	17 19	1 51	0 57	0 41	11 52	1 49	24 16	17 18	23 38	23 35	22 25			n.a.
S 7	15 27	10 48	4 12	9 46	1 12	11 15	0 55	24 59	1 21	24 12	0 34	17 18	1 51	0 55	0 41	11 53	1 49	24 16	17 18	23 39	23 35	22 24			n.a.
S 8	15 45	15 16	3 26	10 38	1 2	11 42	0 53	25 0	1 21	24 12	0 34	17 17	1 51	0 54	0 41	11 53	1 49	24 16	17 17	23 39	23 35	22 23			n.a.
M 9	16 3	18 57	2 31	11 30	0 51	12 9	0 51	25 1	1 21	24 12	0 34	17 16	1 51	0 53	0 41	11 54	1 49	24 16	17 17	23 39	23 35	22 23			n.a.
T 10	16 20	21 40	1 29	12 22	0 40	12 36	0 49	25 2	1 21	24 11	0 34	17 15	1 51	0 52	0 41	11 55	1 49	24 15	17 16	23 39	23 35	22 22			n.a.
W11	16 37	23 19	0 24	13 15	0 30	13 3	0 47	25 3	1 21	24 11	0 34	17 14	1 51	0 51	0 41	11 56	1 49	24 15	17 16	23 39	23 36	22 21			n.a.
T 12	16 54	23 52	0n41	14 6	0 19	13 29	0 45	25 3	1 21	24 10	0 34	17 13	1 51	0 50	0 41	11 56	1 49	24 15	17 15	23 39	23 36	22 21			n.a.
F 13	17 10	23 18	1 43	14 58	0 8	13 55	0 42	25 4	1 21	24 10	0 34	17 12	1 51	0 49	0 41	11 57	1 49	24 14	17 15	23 39	23 36	22 20			n.a.
S 14	17 27	21 42	2 41	15 48	0n 3	14 20	0 40	25 4	1 20	24 10	0 34	17 11	1 51	0 48	0 41	11 58	1 49	24 14	17 14	23 39	23 36	22 19			n.a.
S 15	17 43	19 10	3 32	16 38	0 14	14 46	0 38	25 4	1 20	24 9	0 34	17 10	1 51	0 47	0 41	11 58	1 49	24 14	17 14	23 39	23 36	22 19			n.a.
M16	17 58	15 48	4 14	17 26	0 24	15 11	0 36	25 4	1 20	24 9	0 34	17 9	1 51	0 46	0 41	11 59	1 49	24 13	17 13	23 39	23 36	22 18			n.a.
T 17	18 14	11 44	4 46	18 13	0 34	15 35	0 34	25 3	1 20	24 8	0 34	17 8	1 51	0 45	0 41	12 0	1 49	24 13	17 12	23 39	23 36	22 17			n.a.
W18	18 29	7 6	5 5	18 58	0 44	15 59	0 32	25 3	1 20	24 8	0 34	17 7	1 51	0 44	0 41	12 1	1 49	24 13	17 12	23 39	23 37	22 16			n.a.
T 19	18 43	2 3	5 10	19 42	0 53	16 23	0 29	25 2	1 20	24 7	0 34	17 6	1 51	0 43	0 41	12 1	1 49	24 12	17 11	23 40	23 37	22 16			n.a.
F 20	18 58	3s13	4 58	20 23	1 2	16 46	0 27	25 1	1 20	24 7	0 34	17 5	1 51	0 42	0 41	12 2	1 49	24 12	17 11	23 40	23 37	22 15			n.a.
S 21	19 12	8 30	4 31	21 2	1 10	17 9	0 25	25 0	1 20	24 6	0 34	17 4	1 51	0 42	0 41	12 3	1 49	24 11	17 10	23 40	23 37	22 14			n.a.
S 22	19 26	13 30	3 47	21 38	1 18	17 32	0 22	24 59	1 19	24 5	0 34	17 3	1 51	0 41	0 41	12 3	1 49	24 11	17 10	23 40	23 37	22 13			n.a.
M23	19 39	17 54	2 48	22 12	1 25	17 54	0 20	24 58	1 19	24 5	0 34	17 2	1 51	0 40	0 41	12 4	1 49	24 10	17 9	23 40	23 37	22 13			n.a.
T 24	19 53	21 18	1 38	22 44	1 32	18 15	0 18	24 56	1 19	24 4	0 34	17 1	1 51	0 39	0 41	12 5	1 49	24 10	17 9	23 40	23 37	22 12			n.a.
W25	20 6	23 23	0 21	23 13	1 38	18 37	0 15	24 54	1 19	24 4	0 34	17 0	1 50	0 38	0 41	12 5	1 49	24 9	17 8	23 40	23 37	22 11			n.a.
T 26	20 18	23 54	0s58	23 39	1 43	18 57	0 13	24 52	1 19	24 3	0 34	16 59	1 50	0 37	0 41	12 6	1 49	24 9	17 8	23 40	23 38	22 10			n.a.
F 27	20 30	22 47	2 14	24 2	1 47	19 17	0 11	24 50	1 19	24 2	0 34	16 58	1 50	0 36	0 41	12 7	1 49	24 8	17 7	23 40	23 38	22 10			n.a.
S 28	20 42	20 12	3 20	24 23	1 51	19 37	0 8	24 48	1 19	24 1	0 34	16 57	1 50	0 36	0 41	12 7	1 49	24 8	17 7	23 40	23 38	22 9			n.a.
S 29	20 54	16 25	4 13	24 41	1 54	19 56	0 6	24 45	1 18	24 1	0 34	16 56	1 50	0 35	0 41	12 8	1 49	24 7	17 6	23 40	23 38	22 8			n.a.
M30	21 5	11 46	4 50	24 57	1 56	20 15	0 4	24 43	1 18	24 0	0 34	16 55	1 50	0 34	0 41	12 9	1 49	24 7	17 6	23 40	23 38	22 7			n.a.
T 31	21n16	6s35	5s10	25n 9	1n58	20n33	0s 1	24n40	1n18	23n59	0n34	16s54	1n50	0s33	0s41	12n 9	1s49	24n 6	17n 5	23n40	23n38	22n 6			n.a.

Julian Day Number = 1629500.5, Delta T = 03h42m45s
Ecliptic obliquity = 23°43'32, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'41, Lahiri = - 7°25'40 Julian Calendar 1 May 252 BCE == Greg. Calendar 27 Apr. 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

JUNE 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 21 18	5♊17'37	9♈ 1	20♊12	2♊ 2	10♋20	9♋14	22°R38	0♈13	6♉37	8♍45	3°R43	4♋46	3♌ 0	n.a.	W 1
T 2	16 25 14	6°14'44	22°25	22° 4	3°16	10°57	9°26	22♏34	0°15	6°39	8°45	3♋40	4°43	3° 7	n.a.	T 2
F 3	16 29 11	7°11'51	5♉35	23°54	4°30	11°34	9°38	22°29	0°17	6°41	8°46	3°36	4°39	3°13	n.a.	F 3
S 4	16 33 8	8° 8'59	18°32	25°42	5°43	12°11	9°50	22°25	0°18	6°43	8°46	3°32	4°36	3°20	n.a.	S 4
S 5	16 37 4	9° 6'07	1♊14	27°27	6°57	12°48	10° 2	22°21	0°20	6°45	8°46	3°28	4°33	3°27	n.a.	S 5
M 6	16 41 1	10° 3'15	13°43	29°11	8°11	13°25	10°14	22°17	0°22	6°47	8°47	3°26	4°30	3°33	n.a.	M 6
T 7	16 44 57	11° 0'23	25°59	0♋53	9°24	14° 2	10°26	22°13	0°23	6°49	8°47	3°25	4°27	3°40	n.a.	T 7
W 8	16 48 54	11°57'31	8♋ 4	2°32	10°38	14°39	10°38	22° 9	0°25	6°50	8°48	3°D25	4°24	3°47	n.a.	W 8
T 9	16 52 50	12°54'40	20° 0	4°10	11°52	15°16	10°51	22° 5	0°26	6°52	8°48	3°25	4°20	3°53	n.a.	T 9
F 10	16 56 47	13°51'49	1♌51	5°45	13° 6	15°54	11° 3	22° 1	0°28	6°54	8°49	3°27	4°17	4° 0	n.a.	F 10
S 11	17 0 44	14°48'57	13°39	7°19	14°19	16°31	11°15	21°57	0°29	6°56	8°49	3°28	4°14	4° 7	n.a.	S 11
S 12	17 4 40	15°46'06	25°30	8°50	15°33	17° 8	11°28	21°53	0°31	6°58	8°50	3°30	4°11	4°13	n.a.	S 12
M13	17 8 37	16°43'15	7♍27	10°19	16°47	17°45	11°40	21°49	0°32	7° 0	8°51	3°31	4° 8	4°20	n.a.	M13
T 14	17 12 33	17°40'25	19°35	11°46	18° 1	18°23	11°53	21°46	0°33	7° 2	8°51	3°R31	4° 5	4°27	n.a.	T 14
W15	17 16 30	18°37'34	1♎59	13°11	19°15	19° 0	12° 5	21°42	0°35	7° 3	8°52	3°30	4° 1	4°33	n.a.	W15
T 16	17 20 26	19°34'44	14°42	14°34	20°29	19°37	12°18	21°38	0°36	7° 5	8°53	3°29	3°58	4°40	n.a.	T 16
F 17	17 24 23	20°31'54	27°49	15°54	21°42	20°15	12°31	21°35	0°37	7° 7	8°54	3°28	3°55	4°47	n.a.	F 17
S 18	17 28 19	21°29'04	11♏21	17°13	22°56	20°52	12°43	21°31	0°38	7° 9	8°55	3°26	3°52	4°53	n.a.	S 18
S 19	17 32 16	22°26'15	25°18	18°29	24°10	21°30	12°56	21°28	0°39	7°10	8°55	3°25	3°49	5° 0	n.a.	S 19
M20	17 36 13	23°23'26	9♐38	19°42	25°24	22° 7	13° 9	21°24	0°40	7°12	8°56	3°24	3°45	5° 7	n.a.	M20
T 21	17 40 9	24°20'38	24°16	20°54	26°38	22°45	13°22	21°21	0°41	7°14	8°57	3°23	3°42	5°13	n.a.	T 21
W22	17 44 6	25°17'50	9♑ 6	22° 2	27°52	23°22	13°34	21°18	0°42	7°15	8°58	3°D23	3°39	5°20	n.a.	W22
T 23	17 48 2	26°15'04	24° 1	23° 9	29° 6	24° 0	13°47	21°15	0°43	7°17	8°59	3°24	3°36	5°27	n.a.	T 23
F 24	17 51 59	27°12'18	8♒52	24°12	0♋20	24°37	14° 0	21°12	0°44	7°19	9° 0	3°24	3°33	5°33	n.a.	F 24
S 25	17 55 55	28° 9'33	23°34	25°13	1°34	25°15	14°13	21° 8	0°45	7°20	9° 1	3°25	3°30	5°40	n.a.	S 25
S 26	17 59 52	29° 6'50	8♓ 0	26°11	2°48	25°52	14°26	21° 5	0°46	7°22	9° 2	3°25	3°26	5°47	n.a.	S 26
M27	18 3 48	0♋ 4'07	22° 8	27° 6	4° 2	26°30	14°39	21° 3	0°46	7°23	9° 3	3°25	3°23	5°53	n.a.	M27
T 28	18 7 45	1° 1'26	5♈56	27°58	5°16	27° 8	14°52	21° 0	0°47	7°25	9° 4	3°R25	3°20	6° 0	n.a.	T 28
W29	18 11 42	1°58'45	19°24	28°46	6°30	27°46	15° 5	20°57	0°48	7°26	9° 6	3°25	3°17	6° 7	n.a.	W29
T 30	18 15 38	2♋56'06	2♉34	29♋31	7♋44	28♋23	15♋17	20♏54	0♈48	7♉28	9♍ 7	3°D25	3♋14	6♌13	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n26	1s 9	5s12	25n20	1n59	20n50	0n 1	24n37	1n18	23n58	0n35	16s53	1n50	0s33	0s41	12n10	1s49	24n 6	17n 5	23n40	23n38	22n 6		n.a.
T 2	21 37	4n15	4 57	25 28	1 59	21 7	0 4	24 34	1 18	23 58	0 35	16 52	1 50	0 32	0 41	12 11	1 49	24 5	17 4	23 40	23 38	22 5		n.a.
F 3	21 46	9 22	4 26	25 33	1 58	21 23	0 6	24 30	1 18	23 57	0 35	16 51	1 50	0 31	0 41	12 11	1 49	24 4	17 3	23 41	23 39	22 4		n.a.
S 4	21 56	13 59	3 42	25 37	1 57	21 39	0 8	24 27	1 18	23 56	0 35	16 50	1 49	0 31	0 41	12 12	1 49	24 4	17 3	23 41	23 39	22 3		n.a.
S 5	22 5	17 55	2 48	25 38	1 56	21 54	0 11	24 23	1 17	23 55	0 35	16 49	1 49	0 30	0 41	12 13	1 49	24 3	17 2	23 41	23 39	22 2		n.a.
M 6	22 13	20 57	1 46	25 37	1 53	22 9	0 13	24 19	1 17	23 54	0 35	16 48	1 49	0 29	0 41	12 13	1 49	24 2	17 2	23 41	23 39	22 1		n.a.
T 7	22 22	22 59	0 41	25 34	1 50	22 23	0 15	24 15	1 17	23 53	0 35	16 47	1 49	0 29	0 41	12 14	1 49	24 2	17 1	23 41	23 39	22 1		n.a.
W 8	22 30	23 54	0n26	25 29	1 47	22 36	0 18	24 11	1 17	23 52	0 35	16 46	1 49	0 28	0 42	12 14	1 49	24 1	17 1	23 41	23 39	22 0		n.a.
T 9	22 37	23 42	1 30	25 22	1 43	22 49	0 20	24 6	1 17	23 51	0 35	16 45	1 49	0 27	0 42	12 15	1 49	24 0	17 0	23 41	23 39	21 59		n.a.
F 10	22 44	22 26	2 31	25 14	1 38	23 1	0 22	24 2	1 16	23 50	0 35	16 44	1 49	0 27	0 42	12 16	1 49	24 0	17 0	23 41	23 39	21 58		n.a.
S 11	22 51	20 11	3 24	25 4	1 33	23 12	0 25	23 57	1 16	23 49	0 35	16 44	1 49	0 26	0 42	12 16	1 49	23 59	16 59	23 41	23 39	21 57		n.a.
S 12	22 57	17 5	4 10	24 53	1 27	23 23	0 27	23 52	1 16	23 48	0 35	16 43	1 48	0 26	0 42	12 17	1 49	23 58	16 59	23 41	23 40	21 56		n.a.
M13	23 3	13 16	4 44	24 40	1 21	23 33	0 29	23 47	1 16	23 47	0 35	16 42	1 48	0 25	0 42	12 17	1 49	23 57	16 58	23 41	23 40	21 55		n.a.
T 14	23 9	8 52	5 7	24 26	1 15	23 42	0 31	23 42	1 16	23 46	0 35	16 41	1 48	0 25	0 42	12 18	1 49	23 57	16 58	23 41	23 40	21 54		n.a.
W15	23 14	4 2	5 16	24 11	1 7	23 50	0 33	23 36	1 16	23 45	0 35	16 40	1 48	0 24	0 42	12 19	1 50	23 56	16 57	23 41	23 40	21 54		n.a.
T 16	23 19	1s 6	5 10	23 55	1 0	23 58	0 36	23 31	1 15	23 44	0 35	16 39	1 48	0 24	0 42	12 19	1 50	23 55	16 57	23 41	23 40	21 53		n.a.
F 17	23 23	6 20	4 49	23 37	0 52	24 5	0 38	23 25	1 15	23 43	0 35	16 39	1 48	0 23	0 42	12 20	1 50	23 54	16 56	23 41	23 40	21 52		n.a.
S 18	23 27	11 27	4 10	23 19	0 43	24 12	0 40	23 19	1 15	23 42	0 35	16 38	1 47	0 23	0 42	12 20	1 50	23 54	16 56	23 41	23 40	21 51		n.a.
S 19	23 30	16 9	3 16	23 0	0 35	24 18	0 42	23 13	1 15	23 41	0 35	16 37	1 47	0 23	0 42	12 21	1 50	23 53	16 55	23 41	23 40	21 50		n.a.
M20	23 33	20 3	2 8	22 40	0 25	24 23	0 44	23 7	1 15	23 39	0 35	16 36	1 47	0 22	0 42	12 21	1 50	23 52	16 55	23 41	23 40	21 49		n.a.
T 21	23 36	22 46	0 50	22 20	0 16	24 27	0 46	23 0	1 14	23 38	0 36	16 36	1 47	0 22	0 42	12 22	1 50	23 51	16 54	23 41	23 40	21 48		n.a.
W22	23 38	23 56	0s32	21 59	0 6	24 30	0 48	22 54	1 14	23 37	0 36	16 35	1 47	0 21	0 42	12 22	1 50	23 50	16 54	23 41	23 40	21 47		n.a.
T 23	23 40	23 24	1 52	21 38	0s 5	24 33	0 50	22 47	1 14	23 36	0 36	16 34	1 47	0 21	0 42	12 23	1 50	23 50	16 53	23 41	23 41	21 46		n.a.
F 24	23 42	21 13	3 5	21 16	0 16	24 35	0 52	22 40	1 14	23 34	0 36	16 34	1 46	0 21	0 42	12 23	1 50	23 49	16 52	23 41	23 41	21 45		n.a.
S 25	23 43	17 39	4 4	20 55	0 27	24 37	0 54	22 33	1 13	23 33	0 36	16 33	1 46	0 20	0 42	12 24	1 50	23 48	16 52	23 41	23 41	21 44		n.a.
S 26	23 43	13 5	4 47	20 33	0 38	24 37	0 56	22 25	1 13	23 32	0 36	16 32	1 46	0 20	0 42	12 24	1 50	23 47	16 52	23 41	23 41	21 43		n.a.
M27	23 44	7 55	5 11	20 11	0 50	24 37	0 57	22 18	1 13	23 30	0 36	16 32	1 46	0 20	0 42	12 25	1 50	23 46	16 51	23 41	23 41	21 42		n.a.
T 28	23 43	2 27	5 17	19 49	1 1	24 36	0 59	22 10	1 13	23 29	0 36	16 31	1 46	0 20	0 42	12 25	1 50	23 45	16 51	23 41	23 41	21 41		n.a.
W29	23 43	2n59	5 5	19 27	1 13	24 35	1 1	22 3	1 13	23 28	0 36	16 31	1 45	0 19	0 42	12 25	1 50	23 44	16 50	23 41	23 41	21 40		n.a.
T 30	23n42	8n10	4s38	19n 6	1s26	24n32	1n 3	21n55	1n12	23n26	0n36	16s30	1n45	0s19	0s42	12n26	1s50	23n43	16n50	23n41	23n41	21n39		n.a.

Julian Day Number = 1629531.5, Delta T = 03h42m44s
Ecliptic obliquity = 23°43'32, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'37, Lahiri = - 7°25'36 Julian Calendar 1 June 252 BCE == Greg. Calendar 28 May 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

JULY 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 19 35	3♋53'29	15♉26	0♌13	8♋58	29♋ 1	15♋30	20°R52	0♈49	7♉29	9♍ 8	3♋25	3♋11	6♌20	n.a.	F 1
S 2	18 23 31	4°50'52	28° 3	0°51	10°12	29°39	15°44	20♏49	0°49	7°30	9° 9	3°25	3° 7	6°27	n.a.	S 2
S 3	18 27 28	5°48'17	10♊26	1°24	11°26	0♌17	15°57	20°46	0°49	7°32	9°11	3°25	3° 4	6°33	n.a.	S 3
M 4	18 31 24	6°45'43	22°39	1°54	12°40	0°55	16°10	20°44	0°50	7°33	9°12	3°26	3° 1	6°40	n.a.	M 4
T 5	18 35 21	7°43'10	4♋43	2°20	13°54	1°32	16°23	20°42	0°50	7°35	9°13	3°R26	2°58	6°47	n.a.	T 5
W 6	18 39 18	8°40'39	16°40	2°41	15° 8	2°10	16°36	20°40	0°50	7°36	9°15	3°25	2°55	6°53	n.a.	W 6
T 7	18 43 14	9°38'08	28°31	2°57	16°22	2°48	16°49	20°37	0°51	7°37	9°16	3°25	2°51	7° 0	n.a.	T 7
F 8	18 47 11	10°35'38	10♌20	3° 8	17°36	3°26	17° 2	20°35	0°51	7°38	9°17	3°24	2°48	7° 7	n.a.	F 8
S 9	18 51 7	11°33'10	22° 9	3°15	18°50	4° 4	17°15	20°33	0°51	7°40	9°19	3°23	2°45	7°13	n.a.	S 9
S 10	18 55 4	12°30'43	4♍ 0	3°R16	20° 4	4°42	17°28	20°31	0°51	7°41	9°20	3°22	2°42	7°20	n.a.	S 10
M11	18 59 0	13°28'16	15°57	3°12	21°19	5°20	17°41	20°30	0°R51	7°42	9°22	3°21	2°39	7°27	n.a.	M11
T 12	19 2 57	14°25'51	28° 5	3° 2	22°33	5°59	17°54	20°28	0°51	7°43	9°23	3°20	2°36	7°33	n.a.	T 12
W13	19 6 53	15°23'27	10♎26	2°47	23°47	6°37	18° 8	20°26	0°51	7°44	9°25	3°D19	2°32	7°40	n.a.	W13
T 14	19 10 50	16°21'03	23° 6	2°26	25° 1	7°15	18°21	20°25	0°51	7°45	9°26	3°19	2°29	7°47	n.a.	T 14
F 15	19 14 47	17°18'41	6♏ 8	2° 0	26°15	7°53	18°34	20°23	0°50	7°46	9°28	3°20	2°26	7°53	n.a.	F 15
S 16	19 18 43	18°16'20	19°34	1°29	27°29	8°31	18°47	20°22	0°50	7°47	9°30	3°21	2°23	8° 0	n.a.	S 16
S 17	19 22 40	19°14'01	3♐28	0°52	28°44	9° 9	19° 0	20°21	0°50	7°48	9°31	3°22	2°20	8° 7	n.a.	S 17
M18	19 26 36	20°11'42	17°48	0°12	29°58	9°48	19°13	20°20	0°50	7°49	9°33	3°23	2°16	8°13	n.a.	M18
T 19	19 30 33	21° 9'25	2♑31	29♋27	1♌12	10°26	19°26	20°18	0°49	7°50	9°35	3°R24	2°13	8°20	n.a.	T 19
W20	19 34 29	22° 7'10	17°32	28°39	2°26	11° 4	19°40	20°17	0°49	7°51	9°36	3°23	2°10	8°27	n.a.	W20
T 21	19 38 26	23° 4'56	2♒42	27°48	3°40	11°43	19°53	20°17	0°48	7°52	9°38	3°22	2° 7	8°33	n.a.	T 21
F 22	19 42 22	24° 2'43	17°53	26°55	4°55	12°21	20° 6	20°16	0°48	7°53	9°40	3°20	2° 4	8°40	n.a.	F 22
S 23	19 46 19	25° 0'32	2♓54	26° 2	6° 9	13° 0	20°19	20°15	0°47	7°53	9°42	3°17	2° 1	8°47	n.a.	S 23
S 24	19 50 16	25°58'23	17°38	25° 9	7°23	13°38	20°32	20°14	0°47	7°54	9°43	3°14	1°57	8°53	n.a.	S 24
M25	19 54 12	26°56'16	1♈59	24°18	8°37	14°17	20°45	20°14	0°46	7°55	9°45	3°12	1°54	9° 0	n.a.	M25
T 26	19 58 9	27°54'10	15°53	23°28	9°52	14°55	20°58	20°14	0°45	7°56	9°47	3°10	1°51	9° 7	n.a.	T 26
W27	20 2 5	28°52'07	29°21	22°43	11° 6	15°34	21°11	20°13	0°45	7°56	9°49	3°D10	1°48	9°13	n.a.	W27
T 28	20 6 2	29°50'05	12♉25	22° 2	12°20	16°12	21°24	20°13	0°44	7°57	9°51	3°10	1°45	9°20	n.a.	T 28
F 29	20 9 58	0♌48'06	25° 8	21°27	13°34	16°51	21°37	20°13	0°43	7°58	9°53	3°12	1°42	9°27	n.a.	F 29
S 30	20 13 55	1°46'09	7♊33	20°58	14°49	17°30	21°51	20°D13	0°42	7°58	9°55	3°13	1°38	9°33	n.a.	S 30
S 31	20 17 51	2♌44'13	19♊44	20♋36	16♌ 3	18♌ 8	22♋ 4	20♏13	0°41	7♉59	9♍57	3♋15	1♋35	9♌40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n40	12n53	3s56	18n45	1s38	24n29	1n 4	21n47	1n12	23n25	0n36	16s30	1n45	0s19	0s42	12n26	1s50	23n42	16n49	23n41	23n41	21n38		n.a.	
S 2	23 38	16 58	3 4	18 24	1 51	24 25	1 6	21 38	1 12	23 23	0 36	16 29	1 45	0 19	0 42	12 27	1 50	23 42	16 49	23 41	23 41	21 37		n.a.	
S 3	23 36	20 14	2 4	18 5	2 3	24 21	1 7	21 30	1 12	23 22	0 36	16 29	1 45	0 19	0 42	12 27	1 50	23 41	16 48	23 41	23 41	21 36		n.a.	
M 4	23 33	22 32	0 59	17 46	2 16	24 15	1 9	21 21	1 11	23 20	0 36	16 28	1 45	0 19	0 42	12 28	1 50	23 40	16 48	23 41	23 41	21 35		n.a.	
T 5	23 30	23 46	0n 7	17 28	2 29	24 9	1 10	21 13	1 11	23 19	0 36	16 28	1 44	0 19	0 42	12 28	1 50	23 39	16 47	23 41	23 42	21 34		n.a.	
W 6	23 26	23 53	1 13	17 10	2 42	24 2	1 12	21 4	1 11	23 17	0 37	16 27	1 44	0 19	0 42	12 28	1 50	23 38	16 47	23 41	23 42	21 33		n.a.	
T 7	23 22	22 54	2 15	16 55	2 54	23 55	1 13	20 55	1 11	23 16	0 37	16 27	1 44	0 18	0 42	12 29	1 50	23 37	16 46	23 41	23 42	21 32		n.a.	
F 8	23 18	20 55	3 11	16 40	3 6	23 47	1 14	20 46	1 10	23 14	0 37	16 27	1 44	0 18	0 42	12 29	1 51	23 36	16 46	23 41	23 42	21 31		n.a.	
S 9	23 13	18 3	3 59	16 27	3 18	23 38	1 15	20 36	1 10	23 12	0 37	16 26	1 44	0 18	0 42	12 29	1 51	23 35	16 45	23 41	23 42	21 30		n.a.	
S 10	23 8	14 26	4 36	16 15	3 30	23 28	1 16	20 27	1 10	23 11	0 37	16 26	1 43	0 18	0 43	12 30	1 51	23 34	16 45	23 41	23 42	21 29		n.a.	
M11	23 2	10 14	5 2	16 5	3 41	23 17	1 18	20 17	1 10	23 9	0 37	16 26	1 43	0 18	0 43	12 30	1 51	23 33	16 45	23 41	23 42	21 28		n.a.	
T 12	22 56	5 35	5 15	15 57	3 52	23 6	1 19	20 7	1 9	23 7	0 37	16 26	1 43	0 19	0 43	12 30	1 51	23 32	16 44	23 41	23 42	21 27		n.a.	
W13	22 50	0 38	5 14	15 51	4 2	22 55	1 20	19 57	1 9	23 6	0 37	16 25	1 43	0 19	0 43	12 31	1 51	23 31	16 44	23 41	23 42	21 26		n.a.	
T 14	22 43	4s28	4 58	15 47	4 10	22 42	1 21	19 47	1 9	23 4	0 37	16 25	1 42	0 19	0 43	12 31	1 51	23 30	16 43	23 41	23 42	21 25		n.a.	
F 15	22 35	9 32	4 26	15 45	4 18	22 29	1 21	19 37	1 9	23 2	0 37	16 25	1 42	0 19	0 43	12 31	1 51	23 29	16 43	23 41	23 42	21 24		n.a.	
S 16	22 28	14 19	3 39	15 46	4 25	22 15	1 22	19 27	1 8	23 0	0 37	16 25	1 42	0 19	0 43	12 31	1 51	23 28	16 43	23 41	23 42	21 23		n.a.	
S 17	22 20	18 31	2 38	15 48	4 30	22 1	1 23	19 16	1 8	22 59	0 37	16 25	1 42	0 19	0 43	12 32	1 51	23 27	16 42	23 41	23 42	21 22		n.a.	
M18	22 11	21 45	1 25	15 53	4 34	21 46	1 24	19 6	1 8	22 57	0 38	16 25	1 42	0 19	0 43	12 32	1 51	23 26	16 42	23 41	23 42	21 21		n.a.	
T 19	22 2	23 37	0 5	16 0	4 37	21 30	1 24	18 55	1 8	22 55	0 38	16 24	1 41	0 19	0 43	12 32	1 51	23 25	16 41	23 41	23 42	21 20		n.a.	
W20	21 53	23 50	1s17	16 9	4 37	21 14	1 25	18 44	1 7	22 53	0 38	16 24	1 41	0 20	0 43	12 32	1 51	23 24	16 41	23 41	23 42	21 18		n.a.	
T 21	21 43	22 18	2 35	16 20	4 36	20 57	1 25	18 33	1 7	22 51	0 38	16 24	1 41	0 20	0 43	12 33	1 51	23 23	16 41	23 41	23 43	21 17		n.a.	
F 22	21 33	19 9	3 41	16 34	4 33	20 39	1 26	18 22	1 7	22 49	0 38	16 24	1 41	0 20	0 43	12 33	1 51	23 22	16 40	23 41	23 43	21 16		n.a.	
S 23	21 23	14 46	4 32	16 49	4 28	20 21	1 26	18 11	1 6	22 48	0 38	16 24	1 40	0 20	0 43	12 33	1 51	23 21	16 40	23 41	23 43	21 15		n.a.	
S 24	21 12	9 35	5 3	17 5	4 21	20 2	1 26	17 59	1 6	22 46	0 38	16 24	1 40	0 21	0 43	12 33	1 51	23 20	16 40	23 41	23 43	21 14		n.a.	
M25	21 1	4 0	5 15	17 23	4 12	19 43	1 27	17 48	1 6	22 44	0 38	16 25	1 40	0 21	0 43	12 34	1 51	23 19	16 39	23 41	23 43	21 13		n.a.	
T 26	20 50	1n36	5 7	17 42	4 1	19 23	1 27	17 36	1 6	22 42	0 38	16 25	1 40	0 21	0 43	12 34	1 52	23 18	16 39	23 41	23 43	21 12		n.a.	
W27	20 38	6 58	4 43	18 1	3 49	19 2	1 27	17 24	1 5	22 40	0 38	16 25	1 40	0 21	0 43	12 34	1 52	23 17	16 39	23 41	23 43	21 11		n.a.	
T 28	20 26	11 52	4 4	18 21	3 35	18 42	1 27	17 12	1 5	22 38	0 38	16 25	1 39	0 22	0 43	12 34	1 52	23 16	16 38	23 41	23 43	21 9		n.a.	
F 29	20 13	16 8	3 14	18 42	3 20	18 20	1 27	17 0	1 5	22 36	0 39	16 25	1 39	0 22	0 43	12 34	1 52	23 15	16 38	23 41	23 43	21 8		n.a.	
S 30	20 0	19 35	2 17	19 2	3 4	17 58	1 27	16 48	1 4	22 34	0 39	16 25	1 39	0 23	0 43	12 34	1 52	23 14	16 38	23 41	23 43	21 7		n.a.	
S 31	19n47	22n 6	1s14	19n22	2s47	17n35	1n27	16n35	1n 4	22n32	0n39	16s26	1n39	0s23	0s43	12n34	1s52	23n13	16n37	23n41	23n43	21n 6		n.a.	

Julian Day Number = 1629561.5, Delta T = 03h42m43s
Ecliptic obliquity = 23°43'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'33, Lahiri = - 7°25'32 Julian Calendar 1 July 252 BCE == Greg. Calendar 27 June 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

AUGUST 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 21 48	3♌42'20	1♋45	20°R21	17♌17	18♌47	22♋17	20♏13	0°R40	7♉59	9♍59	3°R15	1♋32	9♌47	n.a.	M 1
T 2	20 25 45	4°40'28	13°40	20°D15	18°32	19°26	22°30	20°13	0♈39	8° 0	10° 1	3♋15	1°29	9°53	n.a.	T 2
W 3	20 29 41	5°38'39	25°30	20♋17	19°46	20° 5	22°43	20°14	0°38	8° 0	10° 3	3°13	1°26	10° 0	n.a.	W 3
T 4	20 33 38	6°36'51	7♌19	20°28	21° 0	20°43	22°56	20°14	0°37	8° 0	10° 5	3° 9	1°22	10° 7	n.a.	T 4
F 5	20 37 34	7°35'05	19° 8	20°47	22°15	21°22	23° 8	20°15	0°36	8° 1	10° 7	3° 4	1°19	10°14	n.a.	F 5
S 6	20 41 31	8°33'21	0♍59	21°15	23°29	22° 1	23°21	20°15	0°34	8° 1	10° 9	2°58	1°16	10°20	n.a.	S 6
S 7	20 45 27	9°31'39	12°55	21°52	24°43	22°40	23°34	20°16	0°33	8° 1	10°11	2°51	1°13	10°27	n.a.	S 7
M 8	20 49 24	10°29'58	24°57	22°36	25°58	23°19	23°47	20°17	0°32	8° 2	10°13	2°44	1°10	10°34	n.a.	M 8
T 9	20 53 20	11°28'20	7♎ 8	23°29	27°12	23°58	24° 0	20°18	0°31	8° 2	10°15	2°39	1° 7	10°40	n.a.	T 9
W10	20 57 17	12°26'42	19°30	24°28	28°26	24°37	24°13	20°19	0°29	8° 2	10°17	2°35	1° 3	10°47	n.a.	W10
T 11	21 1 13	13°25'07	2♏ 8	25°35	29°41	25°16	24°26	20°20	0°28	8° 2	10°19	2°32	1° 0	10°54	n.a.	T 11
F 12	21 5 10	14°23'33	15° 4	26°49	0♍55	25°55	24°38	20°21	0°26	8° 3	10°22	2°D32	0°57	11° 0	n.a.	F 12
S 13	21 9 7	15°22'01	28°22	28° 8	2° 9	26°35	24°51	20°22	0°25	8° 3	10°24	2°32	0°54	11° 7	n.a.	S 13
S 14	21 13 3	16°20'31	12♐ 5	29°33	3°23	27°14	25° 4	20°24	0°23	8° 3	10°26	2°34	0°51	11°14	n.a.	S 14
M15	21 17 0	17°19'03	26°15	1♑ 2	4°38	27°53	25°16	20°25	0°22	8° 3	10°28	2°R35	0°48	11°20	n.a.	M15
T 16	21 20 56	18°17'36	10♑49	2°36	5°52	28°32	25°29	20°27	0°20	8°R 3	10°30	2°35	0°44	11°27	n.a.	T 16
W17	21 24 53	19°16'11	25°45	4°14	7° 6	29°12	25°42	20°29	0°18	8° 3	10°33	2°33	0°41	11°34	n.a.	W17
T 18	21 28 49	20°14'48	10♒56	5°54	8°21	29°51	25°54	20°31	0°17	8° 3	10°35	2°29	0°38	11°40	n.a.	T 18
F 19	21 32 46	21°13'27	26°13	7°37	9°35	0♍30	26° 7	20°32	0°15	8° 3	10°37	2°23	0°35	11°47	n.a.	F 19
S 20	21 36 42	22°12'08	11♓25	9°23	10°49	1°10	26°19	20°34	0°13	8° 2	10°39	2°15	0°32	11°54	n.a.	S 20
S 21	21 40 39	23°10'51	26°21	11°10	12° 4	1°49	26°31	20°36	0°11	8° 2	10°42	2° 7	0°28	12° 0	n.a.	S 21
M22	21 44 36	24° 9'37	10♈53	12°58	13°18	2°29	26°44	20°39	0°10	8° 2	10°44	2° 0	0°25	12° 7	n.a.	M22
T 23	21 48 32	25° 8'24	24°57	14°47	14°32	3° 8	26°56	20°41	0° 8	8° 2	10°46	1°55	0°22	12°14	n.a.	T 23
W24	21 52 29	26° 7'15	8♉32	16°37	15°46	3°48	27° 8	20°43	0° 6	8° 2	10°48	1°51	0°19	12°20	n.a.	W24
T 25	21 56 25	27° 6'07	21°38	18°28	17° 1	4°27	27°21	20°46	0° 4	8° 1	10°51	1°D50	0°16	12°27	n.a.	T 25
F 26	22 0 22	28° 5'02	4♊19	20°18	18°15	5° 7	27°33	20°48	0° 2	8° 1	10°53	1°50	0°13	12°34	n.a.	F 26
S 27	22 4 18	29° 4'00	16°40	22° 9	19°29	5°47	27°45	20°51	29♓59	8° 1	10°55	1°50	0° 9	12°40	n.a.	S 27
S 28	22 8 15	0♍ 2'59	28°46	23°59	20°44	6°27	27°57	20°53	29°58	8° 0	10°58	1°R51	0° 6	12°47	n.a.	S 28
M29	22 12 11	1° 2'02	10♋42	25°49	21°58	7° 6	28° 9	20°56	29°56	8° 0	11° 0	1°51	0° 3	12°54	n.a.	M29
T 30	22 16 8	2° 1'06	22°32	27°38	23°12	7°46	28°21	20°59	29°54	7°59	11° 2	1°48	29♊59	13° 1	n.a.	T 30
W31	22 20 5	3♍ 0'13	4♌20	29♌27	24♍26	8♍26	28♋33	21♏ 2	29♓52	7♉59	11♍ 5	1♋44	29♊57	13♌ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	19n33	23n35	0s 8	19n42	2s30	17n12	1n26	16n23	1n 4	22n30	0n39	16s26	1n38	0s23	0s43	12n35	1s52	23n11	16n37	23n41	23n43	21n 5			n.a.
T 2	19 19	23 57	0n57	20 0	2 12	16 49	1 26	16 10	1 3	22 28	0 39	16 26	1 38	0 24	0 43	12 35	1 52	23 10	16 37	23 41	23 43	21 4			n.a.
W 3	19 5	23 14	1 59	20 18	1 54	16 25	1 26	15 58	1 3	22 26	0 39	16 26	1 38	0 24	0 43	12 35	1 52	23 9	16 36	23 41	23 43	21 3			n.a.
T 4	18 51	21 29	2 55	20 34	1 36	16 1	1 25	15 45	1 3	22 24	0 39	16 27	1 38	0 25	0 43	12 35	1 52	23 8	16 36	23 41	23 43	21 1			n.a.
F 5	18 36	18 48	3 44	20 49	1 18	15 36	1 25	15 32	1 3	22 22	0 39	16 27	1 38	0 25	0 43	12 35	1 52	23 7	16 36	23 41	23 43	21 0			n.a.
S 6	18 20	15 21	4 24	21 2	1 0	15 11	1 24	15 19	1 2	22 19	0 39	16 28	1 37	0 26	0 43	12 35	1 52	23 6	16 36	23 42	23 43	20 59			n.a.
S 7	18 5	11 16	4 52	21 13	0 43	14 45	1 24	15 6	1 2	22 17	0 39	16 28	1 37	0 26	0 43	12 35	1 52	23 5	16 35	23 42	23 43	20 58			n.a.
M 8	17 49	6 43	5 7	21 22	0 26	14 19	1 23	14 52	1 2	22 15	0 40	16 28	1 37	0 27	0 43	12 35	1 52	23 4	16 35	23 42	23 43	20 57			n.a.
T 9	17 33	1 52	5 9	21 29	0 10	13 52	1 22	14 39	1 1	22 13	0 40	16 29	1 37	0 27	0 43	12 35	1 52	23 3	16 35	23 42	23 43	20 55			n.a.
W10	17 16	3s 9	4 57	21 33	0n 5	13 26	1 21	14 26	1 1	22 11	0 40	16 29	1 36	0 28	0 43	12 35	1 52	23 2	16 35	23 42	23 43	20 54			n.a.
T 11	17 0	8 8	4 30	21 35	0 19	12 58	1 20	14 12	1 1	22 9	0 40	16 30	1 36	0 29	0 43	12 35	1 52	23 1	16 34	23 42	23 43	20 53			n.a.
F 12	16 43	12 54	3 49	21 34	0 32	12 31	1 19	13 58	1 0	22 7	0 40	16 30	1 36	0 29	0 43	12 35	1 53	23 0	16 34	23 42	23 43	20 52			n.a.
S 13	16 25	17 12	2 55	21 30	0 44	12 3	1 18	13 45	1 0	22 4	0 40	16 31	1 36	0 30	0 43	12 35	1 53	22 59	16 34	23 42	23 43	20 50			n.a.
S 14	16 8	20 43	1 49	21 23	0 55	11 35	1 17	13 31	1 0	22 2	0 40	16 32	1 36	0 30	0 44	12 35	1 53	22 58	16 34	23 42	23 43	20 49			n.a.
M15	15 50	23 6	0 34	21 13	1 5	11 6	1 16	13 17	0 59	22 0	0 40	16 32	1 35	0 31	0 44	12 35	1 53	22 57	16 34	23 42	23 43	20 48			n.a.
T 16	15 32	24 1	0s44	21 1	1 14	10 38	1 15	13 2	0 59	21 58	0 41	16 33	1 35	0 32	0 44	12 35	1 53	22 56	16 33	23 42	23 43	20 47			n.a.
W17	15 13	23 15	2 2	20 45	1 22	10 9	1 14	12 48	0 59	21 55	0 41	16 33	1 35	0 32	0 44	12 35	1 53	22 55	16 33	23 42	23 43	20 45			n.a.
T 18	14 55	20 46	3 12	20 27	1 29	9 39	1 12	12 34	0 58	21 53	0 41	16 34	1 35	0 33	0 44	12 35	1 53	22 54	16 33	23 42	23 43	20 44			n.a.
F 19	14 36	16 49	4 8	20 6	1 35	9 10	1 11	12 20	0 58	21 51	0 41	16 35	1 34	0 34	0 44	12 35	1 53	22 53	16 33	23 42	23 43	20 43			n.a.
S 20	14 17	11 47	4 47	19 43	1 40	8 40	1 10	12 5	0 58	21 49	0 41	16 36	1 34	0 35	0 44	12 35	1 53	22 52	16 33	23 42	23 43	20 42			n.a.
S 21	13 57	6 8	5 5	19 17	1 44	8 10	1 8	11 50	0 57	21 46	0 41	16 36	1 34	0 35	0 44	12 34	1 53	22 51	16 33	23 43	23 43	20 40			n.a.
M22	13 38	0 17	5 3	18 49	1 47	7 40	1 6	11 36	0 57	21 44	0 41	16 37	1 34	0 36	0 44	12 34	1 53	22 50	16 33	23 43	23 44	20 39			n.a.
T 23	13 18	5n24	4 43	18 19	1 49	7 9	1 5	11 21	0 56	21 42	0 41	16 38	1 34	0 37	0 44	12 34	1 53	22 49	16 32	23 43	23 44	20 38			n.a.
W24	12 58	10 37	4 7	17 47	1 50	6 39	1 3	11 6	0 56	21 40	0 42	16 39	1 33	0 38	0 44	12 34	1 53	22 48	16 32	23 43	23 44	20 36			n.a.
T 25	12 37	15 12	3 19	17 14	1 51	6 8	1 1	10 51	0 56	21 37	0 42	16 40	1 33	0 38	0 44	12 34	1 53	22 47	16 32	23 43	23 44	20 35			n.a.
F 26	12 17	18 56	2 22	16 38	1 51	5 37	1 0	10 36	0 55	21 35	0 42	16 41	1 33	0 39	0 44	12 34	1 53	22 46	16 32	23 43	23 44	20 34			n.a.
S 27	11 56	21 43	1 21	16 2	1 50	5 6	0 58	10 21	0 55	21 33	0 42	16 41	1 33	0 40	0 44	12 34	1 53	22 45	16 32	23 43	23 44	20 32			n.a.
S 28	11 35	23 27	0 17	15 24	1 49	4 34	0 56	10 6	0 55	21 30	0 42	16 42	1 33	0 41	0 44	12 33	1 53	22 44	16 32	23 43	23 44	20 31			n.a.
M29	11 14	24 4	0n47	14 45	1 47	4 3	0 54	9 51	0 54	21 28	0 42	16 43	1 32	0 42	0 44	12 33	1 54	22 43	16 32	23 43	23 44	20 30			n.a.
T 30	10 53	23 36	1 48	14 4	1 45	3 31	0 52	9 35	0 54	21 26	0 42	16 44	1 32	0 43	0 44	12 33	1 54	22 42	16 32	23 43	23 44	20 29			n.a.
W31	10n31	22n 4	2n44	13n23	1n42	3n 0	0n50	9n20	0n53	21n24	0n43	16s45	1n32	0s43	0s44	12n33	1s54	22n41	16n32	23n43	23n44	20n27			n.a.

Julian Day Number = 1629592.5, Delta T = 03h42m42s
Ecliptic obliquity = 23°43'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'28, Lahiri = - 7°25'28 Julian Calendar 1 Aug. 252 BCE == Greg. Calendar 28 July 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

SEPTEMBER 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 24 1	3♍59'22	16♌ 9	1♍15	25♍41	9♍ 6	28♋45	21♏ 5	29°R50	7°R58	11♍ 7	1°R36	29♊54	13♌14	n.a.	T 1
F 2	22 27 58	4°58'33	28° 1	3° 2	26°55	9°46	28°57	21° 8	29♓47	7♉58	11° 9	1♋26	29°50	13°21	n.a.	F 2
S 3	22 31 54	5°57'47	9♍59	4°49	28° 9	10°26	29° 8	21°12	29°45	7°57	11°12	1°14	29°47	13°27	n.a.	S 3
S 4	22 35 51	6°57'02	22° 3	6°35	29°23	11° 6	29°20	21°15	29°43	7°57	11°14	1° 2	29°44	13°34	n.a.	S 4
M 5	22 39 47	7°56'20	4♎14	8°20	0♎38	11°46	29°31	21°18	29°41	7°56	11°16	0°49	29°41	13°41	n.a.	M 5
T 6	22 43 44	8°55'39	16°35	10° 5	1°52	12°26	29°43	21°22	29°39	7°55	11°19	0°38	29°38	13°47	n.a.	T 6
W 7	22 47 40	9°55'01	29° 6	11°49	3° 6	13° 6	29°54	21°25	29°36	7°55	11°21	0°30	29°34	13°54	n.a.	W 7
T 8	22 51 37	10°54'24	11♏49	13°31	4°20	13°46	0♌ 6	21°29	29°34	7°54	11°23	0°24	29°31	14° 1	n.a.	T 8
F 9	22 55 33	11°53'50	24°46	15°14	5°34	14°26	0°17	21°33	29°32	7°53	11°26	0°20	29°28	14° 7	n.a.	F 9
S 10	22 59 30	12°53'17	8♐ 1	16°55	6°49	15° 7	0°28	21°37	29°29	7°52	11°28	0°D19	29°25	14°14	n.a.	S 10
S 11	23 3 27	13°52'47	21°35	18°36	8° 3	15°47	0°40	21°40	29°27	7°51	11°31	0°19	29°22	14°21	n.a.	S 11
M12	23 7 23	14°52'18	5♑30	20°16	9°17	16°27	0°51	21°44	29°25	7°51	11°33	0°R19	29°19	14°27	n.a.	M12
T 13	23 11 20	15°51'51	19°49	21°55	10°31	17° 8	1° 2	21°48	29°22	7°50	11°35	0°18	29°15	14°34	n.a.	T 13
W14	23 15 16	16°51'26	4♒28	23°33	11°45	17°48	1°13	21°53	29°20	7°49	11°38	0°14	29°12	14°41	n.a.	W14
T 15	23 19 13	17°51'02	19°24	25°11	12°59	18°29	1°24	21°57	29°18	7°48	11°40	0° 8	29° 9	14°47	n.a.	T 15
F 16	23 23 9	18°50'41	4♓29	26°48	14°14	19° 9	1°34	22° 1	29°15	7°47	11°42	29♊59	29° 6	14°54	n.a.	F 16
S 17	23 27 6	19°50'21	19°34	28°24	15°28	19°50	1°45	22° 5	29°13	7°46	11°45	29°48	29° 3	15° 1	n.a.	S 17
S 18	23 31 2	20°50'04	4♈28	0♎ 0	16°42	20°30	1°56	22°10	29°10	7°45	11°47	29°37	28°59	15° 7	n.a.	S 18
M19	23 34 59	21°49'49	19° 4	1°35	17°56	21°11	2° 6	22°14	29° 8	7°44	11°49	29°26	28°56	15°14	n.a.	M19
T 20	23 38 56	22°49'36	3♉13	3°10	19°10	21°51	2°17	22°19	29° 6	7°43	11°52	29°17	28°53	15°21	n.a.	T 20
W21	23 42 52	23°49'25	16°53	4°44	20°24	22°32	2°27	22°24	29° 3	7°42	11°54	29°10	28°50	15°28	n.a.	W21
T 22	23 46 49	24°49'17	0♊ 4	6°17	21°38	23°13	2°37	22°28	29° 1	7°40	11°56	29° 6	28°47	15°34	n.a.	T 22
F 23	23 50 45	25°49'11	12°50	7°50	22°52	23°54	2°47	22°33	28°58	7°39	11°59	29° 4	28°44	15°41	n.a.	F 23
S 24	23 54 42	26°49'07	25°13	9°22	24° 6	24°34	2°58	22°38	28°56	7°38	12° 1	29° 4	28°40	15°48	n.a.	S 24
S 25	23 58 38	27°49'06	7♋19	10°54	25°20	25°15	3° 8	22°43	28°53	7°37	12° 3	29° 4	28°37	15°54	n.a.	S 25
M26	0 2 35	28°49'07	19°14	12°25	26°34	25°56	3°17	22°48	28°51	7°36	12° 5	29° 3	28°34	16° 1	n.a.	M26
T 27	0 6 31	29°49'10	1♌ 3	13°56	27°48	26°37	3°27	22°53	28°48	7°34	12° 8	29° 0	28°31	16° 8	n.a.	T 27
W28	0 10 28	0♎49'15	12°51	15°26	29° 2	27°18	3°37	22°58	28°46	7°33	12°10	28°54	28°28	16°14	n.a.	W28
T 29	0 14 24	1°49'23	24°43	16°55	0♏16	27°59	3°46	23° 3	28°43	7°32	12°12	28°46	28°25	16°21	n.a.	T 29
F 30	0 18 21	2♎49'32	6♍40	18♎24	1♏30	28♍40	3♌56	23♏ 8	28♓41	7♉30	12♍14	28♊34	28♊21	16♌28	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	10n10	19n34	3n33	12n42	1n39	2n28	0n48	9n 4	0n53	21n21	0n43	16s46	1n32	0s44	0s44	12n33	1s54	22n40	16n32	23n43	23n44	20n26		n.a.	T 1
F 2	9 48	16 15	4 13	11 59	1 35	1 56	0 45	8 49	0 53	21 19	0 43	16 47	1 32	0 45	0 44	12 32	1 54	22 39	16 32	23 43	23 44	20 24		n.a.	F 2
S 3	9 26	12 15	4 42	11 16	1 31	1 24	0 43	8 33	0 52	21 17	0 43	16 48	1 31	0 46	0 44	12 32	1 54	22 38	16 32	23 43	23 44	20 23		n.a.	S 3
S 4	9 4	7 45	4 58	10 32	1 27	0 52	0 41	8 17	0 52	21 14	0 43	16 49	1 31	0 47	0 44	12 32	1 54	22 37	16 32	23 43	23 44	20 22		n.a.	S 4
M 5	8 42	2 54	5 2	9 48	1 22	0 20	0 39	8 2	0 51	21 12	0 43	16 50	1 31	0 48	0 44	12 32	1 54	22 36	16 32	23 43	23 44	20 20		n.a.	M 5
T 6	8 19	2s 8	4 51	9 4	1 17	0s12	0 36	7 46	0 51	21 10	0 44	16 52	1 31	0 49	0 44	12 31	1 54	22 35	16 32	23 43	23 44	20 19		n.a.	T 6
W 7	7 57	7 9	4 26	8 19	1 12	0 44	0 34	7 30	0 51	21 7	0 44	16 53	1 31	0 50	0 44	12 31	1 54	22 34	16 32	23 43	23 44	20 18		n.a.	W 7
T 8	7 34	11 57	3 47	7 34	1 6	1 16	0 32	7 14	0 50	21 5	0 44	16 54	1 30	0 51	0 44	12 31	1 54	22 33	16 32	23 44	23 44	20 16		n.a.	T 8
F 9	7 11	16 20	2 57	6 49	1 1	1 48	0 29	6 58	0 50	21 3	0 44	16 55	1 30	0 52	0 44	12 30	1 54	22 32	16 32	23 44	23 43	20 15		n.a.	F 9
S 10	6 48	20 0	1 55	6 4	0 55	2 20	0 27	6 42	0 49	21 1	0 44	16 56	1 30	0 52	0 44	12 30	1 54	22 31	16 32	23 44	23 43	20 13		n.a.	S 10
S 11	6 25	22 41	0 46	5 19	0 49	2 52	0 24	6 25	0 49	20 58	0 44	16 57	1 30	0 53	0 44	12 30	1 54	22 30	16 32	23 44	23 43	20 12		n.a.	S 11
M12	6 2	24 4	0s28	4 33	0 43	3 23	0 22	6 9	0 49	20 56	0 44	16 59	1 30	0 54	0 44	12 29	1 54	22 30	16 32	23 44	23 43	20 11		n.a.	M12
T 13	5 38	23 55	1 41	3 48	0 36	3 55	0 19	5 53	0 48	20 54	0 45	17 0	1 29	0 55	0 44	12 29	1 54	22 29	16 32	23 44	23 43	20 9		n.a.	T 13
W14	5 15	22 8	2 50	3 3	0 30	4 27	0 16	5 37	0 48	20 51	0 45	17 1	1 29	0 56	0 44	12 29	1 54	22 28	16 32	23 44	23 43	20 8		n.a.	W14
T 15	4 51	18 48	3 49	2 18	0 23	4 59	0 14	5 20	0 47	20 49	0 45	17 2	1 29	0 57	0 44	12 28	1 54	22 27	16 32	23 44	23 43	20 6		n.a.	T 15
F 16	4 28	14 11	4 32	1 33	0 17	5 30	0 11	5 4	0 47	20 47	0 45	17 4	1 29	0 58	0 44	12 28	1 54	22 26	16 32	23 44	23 43	20 5		n.a.	F 16
S 17	4 4	8 42	4 56	0 48	0 10	6 2	0 8	4 47	0 47	20 45	0 45	17 5	1 29	0 59	0 44	12 28	1 54	22 25	16 32	23 44	23 43	20 4		n.a.	S 17
S 18	3 40	2 46	5 0	0 3	0 3	6 33	0 6	4 31	0 46	20 42	0 46	17 6	1 28	1 0	0 44	12 27	1 55	22 24	16 32	23 44	23 43	20 2		n.a.	S 18
M19	3 17	3n11	4 43	0s41	0s 3	7 4	0 3	4 14	0 46	20 40	0 46	17 8	1 28	1 1	0 44	12 27	1 55	22 24	16 32	23 43	23 43	20 1		n.a.	M19
T 20	2 53	8 49	4 10	1 26	0 10	7 35	0 0	3 58	0 45	20 38	0 46	17 9	1 28	1 2	0 44	12 27	1 55	22 23	16 32	23 43	23 43	19 59		n.a.	T 20
W21	2 29	13 50	3 23	2 9	0 17	8 6	0s 3	3 41	0 45	20 36	0 46	17 10	1 28	1 3	0 44	12 26	1 55	22 22	16 33	23 43	23 43	19 58		n.a.	W21
T 22	2 5	18 1	2 27	2 53	0 24	8 37	0 5	3 24	0 44	20 34	0 46	17 12	1 28	1 4	0 44	12 26	1 55	22 21	16 33	23 43	23 43	19 56		n.a.	T 22
F 23	1 41	21 12	1 25	3 36	0 30	9 7	0 8	3 7	0 44	20 31	0 46	17 13	1 28	1 5	0 44	12 25	1 55	22 20	16 33	23 43	23 43	19 55		n.a.	F 23
S 24	1 17	23 18	0 20	4 19	0 37	9 38	0 11	2 51	0 43	20 29	0 47	17 15	1 27	1 6	0 44	12 25	1 55	22 20	16 33	23 43	23 43	19 53		n.a.	S 24
S 25	0 53	24 15	0n44	5 2	0 44	10 8	0 14	2 34	0 43	20 27	0 47	17 16	1 27	1 7	0 44	12 24	1 55	22 19	16 33	23 43	23 43	19 52		n.a.	S 25
M26	0 29	24 3	1 45	5 44	0 51	10 38	0 17	2 17	0 43	20 25	0 47	17 17	1 27	1 8	0 44	12 24	1 55	22 18	16 33	23 43	23 43	19 50		n.a.	M26
T 27	0 4	22 46	2 40	6 26	0 57	11 7	0 19	2 0	0 42	20 23	0 47	17 19	1 27	1 9	0 44	12 24	1 55	22 17	16 34	23 43	23 43	19 49		n.a.	T 27
W28	0s20	20 30	3 29	7 7	1 4	11 37	0 22	1 43	0 42	20 21	0 47	17 20	1 27	1 10	0 44	12 23	1 55	22 17	16 34	23 43	23 43	19 47		n.a.	W28
T 29	0 44	17 21	4 9	7 48	1 10	12 6	0 25	1 26	0 41	20 19	0 48	17 22	1 26	1 11	0 44	12 23	1 55	22 16	16 34	23 43	23 43	19 46		n.a.	T 29
F 30	1s 8	13n28	4n38	8s29	1s17	12s34	0s28	1n 9	0n41	20n17	0n48	17s23	1n26	1s12	0s44	12n22	1s55	22n15	16n34	23n43	23n43	19n44		n.a.	F 30

Julian Day Number = 1629623.5, Delta T = 03h42m41s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'24, Lahiri = - 7°25'24 Julian Calendar 1 Sept. 252 BCE == Greg. Calendar 28 Aug. 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

OCTOBER 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 22 18	3♎49'44	18♍46	19♎53	2♏44	29♍21	4♌ 5	23♏14	28°R38	7°R29	12♍17	28°R21	28♊18	16♌34	n.a.	S 1
S 2	0 26 14	4°49'58	1♎ 1	21°20	3°58	0♎ 3	4°15	23°19	28♓36	7♉28	12°19	28♊ 7	28°15	16°41	n.a.	S 2
M 3	0 30 11	5°50'13	13°28	22°48	5°12	0°44	4°24	23°24	28°34	7°26	12°21	27°53	28°12	16°48	n.a.	M 3
T 4	0 34 7	6°50'30	26° 4	24°14	6°26	1°25	4°33	23°30	28°31	7°25	12°23	27°40	28° 9	16°54	n.a.	T 4
W 5	0 38 4	7°50'50	8♏52	25°41	7°40	2° 6	4°42	23°35	28°29	7°24	12°26	27°29	28° 5	17° 1	n.a.	W 5
T 6	0 42 0	8°51'10	21°50	27° 6	8°53	2°48	4°50	23°41	28°26	7°22	12°28	27°22	28° 2	17° 8	n.a.	T 6
F 7	0 45 57	9°51'33	4♐59	28°31	10° 7	3°29	4°59	23°47	28°24	7°21	12°30	27°18	27°59	17°15	n.a.	F 7
S 8	0 49 53	10°51'57	18°20	29°54	11°21	4°11	5° 8	23°52	28°21	7°19	12°32	27°16	27°56	17°21	n.a.	S 8
S 9	0 53 50	11°52'23	1♑55	1♏18	12°35	4°52	5°16	23°58	28°19	7°18	12°34	27°D16	27°53	17°28	n.a.	S 9
M10	0 57 47	12°52'50	15°45	2°40	13°49	5°34	5°24	24° 4	28°17	7°16	12°36	27°R16	27°50	17°35	n.a.	M10
T 11	1 1 43	13°53'19	29°50	4° 1	15° 2	6°15	5°33	24°10	28°14	7°15	12°38	27°15	27°46	17°41	n.a.	T 11
W12	1 5 40	14°53'49	14♒10	5°21	16°16	6°57	5°41	24°16	28°12	7°13	12°40	27°12	27°43	17°48	n.a.	W12
T 13	1 9 36	15°54'20	28°43	6°40	17°30	7°38	5°49	24°22	28°10	7°12	12°43	27° 7	27°40	17°55	n.a.	T 13
F 14	1 13 33	16°54'53	13♓23	7°57	18°44	8°20	5°56	24°28	28° 7	7°10	12°45	26°58	27°37	18° 1	n.a.	F 14
S 15	1 17 29	17°55'27	28° 6	9°13	19°57	9° 2	6° 4	24°34	28° 5	7° 8	12°47	26°48	27°34	18° 8	n.a.	S 15
S 16	1 21 26	18°56'02	12♈42	10°28	21°11	9°44	6°12	24°40	28° 3	7° 7	12°49	26°37	27°31	18°15	n.a.	S 16
M17	1 25 22	19°56'40	27° 4	11°40	22°25	10°25	6°19	24°46	28° 1	7° 5	12°51	26°27	27°27	18°21	n.a.	M17
T 18	1 29 19	20°57'18	11♉ 6	12°50	23°38	11° 7	6°26	24°52	27°58	7° 4	12°53	26°18	27°24	18°28	n.a.	T 18
W19	1 33 16	21°57'59	24°44	13°58	24°52	11°49	6°33	24°58	27°56	7° 2	12°55	26°11	27°21	18°35	n.a.	W19
T 20	1 37 12	22°58'41	7♊56	15° 3	26° 5	12°31	6°40	25° 5	27°54	7° 0	12°56	26° 7	27°18	18°42	n.a.	T 20
F 21	1 41 9	23°59'25	20°44	16° 5	27°19	13°13	6°47	25°11	27°52	6°59	12°58	26°D 5	27°15	18°48	n.a.	F 21
S 22	1 45 5	25° 0'11	3♋10	17° 3	28°32	13°55	6°54	25°17	27°50	6°57	13° 0	26° 5	27°11	18°55	n.a.	S 22
S 23	1 49 2	26° 0'58	15°20	17°57	29°46	14°37	7° 0	25°24	27°48	6°55	13° 2	26° 6	27° 8	19° 2	n.a.	S 23
M24	1 52 58	27° 1'47	27°17	18°47	0♐59	15°19	7° 7	25°30	27°46	6°54	13° 4	26°R 7	27° 5	19° 8	n.a.	M24
T 25	1 56 55	28° 2'38	9♌ 8	19°32	2°13	16° 2	7°13	25°37	27°44	6°52	13° 6	26° 6	27° 2	19°15	n.a.	T 25
W26	2 0 51	29° 3'30	20°58	20°10	3°26	16°44	7°19	25°43	27°42	6°50	13° 8	26° 3	26°59	19°22	n.a.	W26
T 27	2 4 48	0♏ 4'23	2♍51	20°42	4°39	17°26	7°25	25°50	27°40	6°49	13° 9	25°58	26°56	19°28	n.a.	T 27
F 28	2 8 45	1° 5'19	14°52	21° 7	5°53	18° 8	7°31	25°56	27°38	6°47	13°11	25°50	26°52	19°35	n.a.	F 28
S 29	2 12 41	2° 6'15	27° 5	21°24	7° 6	18°51	7°36	26° 3	27°36	6°45	13°13	25°41	26°49	19°42	n.a.	S 29
S 30	2 16 38	3° 7'13	9♎30	21°R32	8°19	19°33	7°42	26° 9	27°34	6°44	13°15	25°31	26°46	19°49	n.a.	S 30
M31	2 20 34	4♏ 8'12	22♎11	21♏30	9♐33	20♎16	7♌47	26♏16	27♓32	6♉42	13♍16	25♊21	26♊43	19♌55	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s32	9n 1	4n56	9s 8	1s23	13s 3	0s31	0n52	0n40	20n14	0n48	17s25	1n26	1s13	0s44	12n22	1s55	22n15	16n34	23n43	23n43	19n43		n.a.
S 2	1 57	4 9	4 59	9 48	1 29	13 31	0 34	0 35	0 40	20 12	0 48	17 26	1 26	1 14	0 44	12 21	1 55	22 14	16 35	23 43	23 43	19 41		n.a.
M 3	2 21	0s57	4 49	10 26	1 35	13 59	0 37	0 18	0 39	20 10	0 48	17 28	1 26	1 15	0 44	12 21	1 55	22 13	16 35	23 43	23 43	19 40		n.a.
T 4	2 45	6 5	4 24	11 4	1 41	14 27	0 39	0 1	0 39	20 8	0 49	17 29	1 26	1 16	0 44	12 20	1 55	22 13	16 35	23 42	23 43	19 38		n.a.
W 5	3 9	11 3	3 46	11 42	1 47	14 54	0 42	0s16	0 38	20 6	0 49	17 31	1 26	1 17	0 44	12 20	1 55	22 12	16 35	23 42	23 43	19 37		n.a.
T 6	3 33	15 37	2 56	12 18	1 52	15 21	0 45	0 33	0 38	20 5	0 49	17 32	1 25	1 18	0 44	12 19	1 55	22 11	16 36	23 42	23 43	19 35		n.a.
F 7	3 57	19 30	1 55	12 54	1 58	15 47	0 48	0 50	0 37	20 3	0 49	17 34	1 25	1 19	0 44	12 19	1 55	22 11	16 36	23 42	23 43	19 34		n.a.
S 8	4 21	22 26	0 47	13 29	2 3	16 13	0 51	1 7	0 37	20 1	0 49	17 36	1 25	1 20	0 44	12 18	1 55	22 10	16 36	23 42	23 43	19 32		n.a.
S 9	4 45	24 7	0s25	14 3	2 7	16 39	0 53	1 24	0 36	19 59	0 50	17 37	1 25	1 21	0 44	12 18	1 55	22 9	16 36	23 42	23 43	19 31		n.a.
M10	5 9	24 23	1 36	14 36	2 12	17 4	0 56	1 41	0 36	19 57	0 50	17 39	1 25	1 22	0 44	12 17	1 55	22 9	16 37	23 42	23 42	19 29		n.a.
T 11	5 33	23 5	2 43	15 9	2 16	17 29	0 59	1 58	0 35	19 55	0 50	17 40	1 25	1 23	0 44	12 17	1 55	22 8	16 37	23 42	23 42	19 28		n.a.
W12	5 56	20 18	3 42	15 40	2 20	17 53	1 2	2 15	0 35	19 53	0 50	17 42	1 25	1 23	0 44	12 16	1 55	22 8	16 37	23 42	23 42	19 26		n.a.
T 13	6 20	16 13	4 26	16 10	2 24	18 17	1 4	2 33	0 34	19 52	0 51	17 43	1 24	1 24	0 44	12 16	1 55	22 7	16 38	23 42	23 42	19 24		n.a.
F 14	6 43	11 7	4 54	16 39	2 27	18 40	1 7	2 50	0 34	19 50	0 51	17 45	1 24	1 25	0 44	12 15	1 55	22 7	16 38	23 41	23 42	19 23		n.a.
S 15	7 7	5 22	5 2	17 7	2 30	19 3	1 10	3 7	0 33	19 48	0 51	17 47	1 24	1 26	0 44	12 15	1 55	22 6	16 38	23 41	23 42	19 21		n.a.
S 16	7 30	0n37	4 50	17 33	2 33	19 26	1 12	3 24	0 33	19 46	0 51	17 48	1 24	1 27	0 44	12 14	1 55	22 6	16 39	23 41	23 42	19 20		n.a.
M17	7 53	6 30	4 21	17 58	2 35	19 48	1 15	3 41	0 32	19 45	0 51	17 50	1 24	1 28	0 44	12 14	1 55	22 5	16 39	23 41	23 42	19 18		n.a.
T 18	8 16	11 56	3 35	18 21	2 36	20 9	1 17	3 58	0 32	19 43	0 52	17 52	1 24	1 29	0 44	12 13	1 55	22 5	16 39	23 40	23 42	19 16		n.a.
W19	8 39	16 37	2 39	18 43	2 37	20 30	1 20	4 15	0 31	19 42	0 52	17 53	1 24	1 30	0 44	12 12	1 55	22 4	16 40	23 40	23 42	19 15		n.a.
T 20	9 2	20 20	1 35	19 3	2 37	20 50	1 22	4 32	0 31	19 40	0 52	17 55	1 23	1 31	0 44	12 12	1 55	22 4	16 40	23 40	23 42	19 13		n.a.
F 21	9 25	22 55	0 29	19 21	2 37	21 10	1 25	4 49	0 30	19 39	0 52	17 57	1 23	1 31	0 44	12 11	1 55	22 3	16 40	23 40	23 42	19 12		n.a.
S 22	9 47	24 19	0n38	19 36	2 35	21 29	1 27	5 6	0 30	19 37	0 53	17 58	1 23	1 32	0 44	12 11	1 55	22 3	16 41	23 40	23 42	19 10		n.a.
S 23	10 10	24 30	1 41	19 50	2 33	21 48	1 29	5 23	0 29	19 36	0 53	18 0	1 23	1 33	0 44	12 10	1 56	22 3	16 41	23 40	23 42	19 8		n.a.
M24	10 32	23 33	2 39	20 1	2 30	22 6	1 32	5 40	0 29	19 34	0 53	18 1	1 23	1 34	0 44	12 10	1 56	22 2	16 42	23 40	23 42	19 7		n.a.
T 25	10 54	21 33	3 29	20 10	2 26	22 23	1 34	5 57	0 28	19 33	0 53	18 3	1 23	1 35	0 43	12 9	1 56	22 2	16 42	23 40	23 42	19 5		n.a.
W26	11 16	18 38	4 11	20 16	2 21	22 40	1 36	6 14	0 27	19 32	0 54	18 5	1 23	1 35	0 43	12 9	1 56	22 2	16 42	23 40	23 41	19 3		n.a.
T 27	11 38	14 56	4 41	20 18	2 15	22 56	1 38	6 31	0 27	19 30	0 54	18 6	1 23	1 36	0 43	12 8	1 56	22 1	16 43	23 40	23 41	19 2		n.a.
F 28	11 59	10 38	5 0	20 18	2 7	23 11	1 40	6 47	0 26	19 29	0 54	18 8	1 22	1 37	0 43	12 7	1 56	22 1	16 43	23 40	23 41	19 0		n.a.
S 29	12 21	5 50	5 5	20 13	1 58	23 26	1 42	7 4	0 26	19 28	0 54	18 10	1 22	1 38	0 43	12 7	1 56	22 1	16 44	23 39	23 41	18 58		n.a.
S 30	12 42	0 44	4 57	20 5	1 48	23 40	1 44	7 21	0 25	19 27	0 55	18 11	1 22	1 38	0 43	12 6	1 56	22 0	16 44	23 39	23 41	18 57		n.a.
M31	13s 3	4s31	4n33	19s53	1s36	23s54	1s46	7s38	0n25	19n25	0n55	18s13	1n22	1s39	0s43	12n 6	1s56	22n 0	16n45	23n39	23n41	18n55		n.a.

Julian Day Number = 1629653.5, Delta T = 03h42m40s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'20, Lahiri = - 7°25'20 Julian Calendar 1 Oct. 252 BCE == Greg. Calendar 27 Sept. 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

NOVEMBER 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 24 31	5♏ 9'12	5♏ 6	21°R17	10♐46	20♎58	7♌52	26♏23	27°R30	6°R40	13♍18	25°R12	26♊40	20♌ 2	n.a.	T 1
W 2	2 28 27	6°10'14	18°15	20♏54	11°59	21°41	7°57	26°30	27♓28	6♉38	13°19	25♊ 5	26°36	20° 9	n.a.	W 2
T 3	2 32 24	7°11'17	1♐36	20°19	13°12	22°23	8° 2	26°36	27°27	6°37	13°21	25° 0	26°33	20°15	n.a.	T 3
F 4	2 36 20	8°12'20	15° 8	19°33	14°25	23° 6	8° 7	26°43	27°25	6°35	13°23	24°57	26°30	20°22	n.a.	F 4
S 5	2 40 17	9°13'24	28°50	18°37	15°38	23°48	8°11	26°50	27°23	6°33	13°24	24°D57	26°27	20°29	n.a.	S 5
S 6	2 44 14	10°14'30	12♑39	17°32	16°51	24°31	8°15	26°57	27°22	6°32	13°26	24°58	26°24	20°35	n.a.	S 6
M 7	2 48 10	11°15'35	26°36	16°18	18° 4	25°14	8°20	27° 4	27°20	6°30	13°27	24°59	26°21	20°42	n.a.	M 7
T 8	2 52 7	12°16'42	10♒40	14°59	19°17	25°57	8°23	27°10	27°19	6°28	13°29	25°R 0	26°17	20°49	n.a.	T 8
W 9	2 56 3	13°17'49	24°50	13°36	20°30	26°40	8°27	27°17	27°17	6°27	13°30	24°59	26°14	20°55	n.a.	W 9
T 10	3 0 0	14°18'56	9♓ 3	12°14	21°43	27°22	8°31	27°24	27°16	6°25	13°32	24°57	26°11	21° 2	n.a.	T 10
F 11	3 3 56	15°20'03	23°19	10°53	22°56	28° 5	8°34	27°31	27°14	6°23	13°33	24°53	26° 8	21° 9	n.a.	F 11
S 12	3 7 53	16°21'12	7♈32	9°38	24° 9	28°48	8°37	27°38	27°13	6°22	13°34	24°47	26° 5	21°16	n.a.	S 12
S 13	3 11 49	17°22'20	21°39	8°30	25°21	29°31	8°40	27°45	27°11	6°20	13°36	24°41	26° 2	21°22	n.a.	S 13
M14	3 15 46	18°23'30	5♉35	7°31	26°34	0♏14	8°43	27°52	27°10	6°18	13°37	24°34	25°58	21°29	n.a.	M14
T 15	3 19 43	19°24'39	19°16	6°42	27°47	0°57	8°46	27°59	27° 9	6°17	13°38	24°29	25°55	21°36	n.a.	T 15
W16	3 23 39	20°25'50	2♊39	6° 4	28°59	1°40	8°48	28° 6	27° 8	6°15	13°39	24°26	25°52	21°42	n.a.	W16
T 17	3 27 36	21°27'01	15°42	5°38	0♑12	2°24	8°51	28°13	27° 7	6°13	13°40	24°24	25°49	21°49	n.a.	T 17
F 18	3 31 32	22°28'13	28°26	5°22	1°24	3° 7	8°53	28°20	27° 5	6°12	13°42	24°D23	25°46	21°56	n.a.	F 18
S 19	3 35 29	23°29'25	10♋52	5°D16	2°36	3°50	8°55	28°27	27° 4	6°10	13°43	24°24	25°42	22° 2	n.a.	S 19
S 20	3 39 25	24°30'38	23° 3	5°21	3°49	4°33	8°57	28°34	27° 3	6° 8	13°44	24°26	25°39	22° 9	n.a.	S 20
M21	3 43 22	25°31'52	5♌ 2	5°35	5° 1	5°17	8°58	28°41	27° 2	6° 7	13°45	24°28	25°36	22°16	n.a.	M21
T 22	3 47 19	26°33'06	16°55	5°56	6°13	6° 0	8°59	28°48	27° 1	6° 5	13°46	24°29	25°33	22°23	n.a.	T 22
W23	3 51 15	27°34'21	28°46	6°26	7°25	6°44	9° 1	28°55	27° 1	6° 4	13°47	24°R30	25°30	22°29	n.a.	W23
T 24	3 55 12	28°35'36	10♍40	7° 2	8°37	7°27	9° 2	29° 2	27° 0	6° 2	13°48	24°29	25°27	22°36	n.a.	T 24
F 25	3 59 8	29°36'52	22°42	7°44	9°49	8°11	9° 2	29° 9	26°59	6° 1	13°49	24°27	25°23	22°43	n.a.	F 25
S 26	4 3 5	0♐38'08	4♎56	8°32	11° 1	8°54	9° 3	29°16	26°58	5°59	13°50	24°24	25°20	22°49	n.a.	S 26
S 27	4 7 1	1°39'25	17°26	9°24	12°13	9°38	9° 3	29°23	26°58	5°58	13°51	24°21	25°17	22°56	n.a.	S 27
M28	4 10 58	2°40'42	0♏15	10°21	13°24	10°21	9°R 4	29°30	26°57	5°56	13°51	24°17	25°14	23° 3	n.a.	M28
T 29	4 14 54	3°41'59	13°23	11°21	14°36	11° 5	9° 4	29°37	26°56	5°55	13°52	24°14	25°11	23° 9	n.a.	T 29
W30	4 18 51	4♐43'16	26♏51	12♏25	15♑48	11♏49	9♌ 3	29♏44	26♓56	5♉53	13♍53	24♊11	25♊ 8	23♌16	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13 s24	9 s41	3n55	19 s37	1 s22	24 s 6	1 s48	7 s54	0n24	19n24	0n55	18 s15	1n22	1 s40	0 s43	12n 5	1 s56	22n 0	16n45	23n38	23n41	18n53		n.a.
W 2	13 44	14 31	3 4	19 16	1 7	24 19	1 50	8 11	0 24	19 23	0 55	18 17	1 22	1 41	0 43	12 5	1 56	22 0	16 45	23 38	23 41	18 52		n.a.
T 3	14 5	18 44	2 3	18 51	0 50	24 30	1 51	8 28	0 23	19 22	0 56	18 18	1 22	1 41	0 43	12 4	1 56	21 59	16 46	23 38	23 41	18 50		n.a.
F 4	14 25	22 1	0 53	18 21	0 32	24 41	1 53	8 44	0 22	19 21	0 56	18 20	1 22	1 42	0 43	12 4	1 56	21 59	16 46	23 38	23 41	18 48		n.a.
S 5	14 44	24 4	0 s21	17 47	0 13	24 50	1 55	9 1	0 22	19 20	0 56	18 22	1 22	1 43	0 43	12 3	1 56	21 59	16 47	23 38	23 41	18 47		n.a.
S 6	15 4	24 41	1 34	17 9	0n 7	25 0	1 56	9 17	0 21	19 20	0 56	18 23	1 22	1 43	0 43	12 2	1 56	21 59	16 47	23 38	23 41	18 45		n.a.
M 7	15 23	23 45	2 43	16 28	0 27	25 8	1 58	9 33	0 21	19 19	0 57	18 25	1 21	1 44	0 43	12 2	1 55	21 59	16 48	23 38	23 40	18 43		n.a.
T 8	15 42	21 19	3 42	15 46	0 48	25 16	1 59	9 50	0 20	19 18	0 57	18 27	1 21	1 44	0 43	12 1	1 55	21 59	16 48	23 38	23 40	18 42		n.a.
W 9	16 1	17 36	4 28	15 2	1 8	25 23	2 0	10 6	0 19	19 17	0 57	18 28	1 21	1 45	0 43	12 1	1 55	21 58	16 49	23 38	23 40	18 40		n.a.
T 10	16 20	12 52	4 58	14 19	1 27	25 29	2 1	10 22	0 19	19 16	0 57	18 30	1 21	1 46	0 43	12 0	1 55	21 58	16 49	23 38	23 40	18 38		n.a.
F 11	16 38	7 25	5 10	13 37	1 45	25 34	2 3	10 38	0 18	19 16	0 58	18 32	1 21	1 46	0 43	12 0	1 55	21 58	16 50	23 38	23 40	18 36		n.a.
S 12	16 56	1 36	5 2	12 58	2 0	25 39	2 4	10 54	0 18	19 15	0 58	18 33	1 21	1 47	0 43	11 59	1 55	21 58	16 50	23 37	23 40	18 35		n.a.
S 13	17 13	4n16	4 37	12 23	2 14	25 43	2 5	11 10	0 17	19 15	0 58	18 35	1 21	1 47	0 43	11 59	1 55	21 58	16 51	23 37	23 40	18 33		n.a.
M14	17 31	9 51	3 55	11 53	2 26	25 46	2 5	11 26	0 16	19 14	0 59	18 36	1 21	1 48	0 43	11 58	1 55	21 58	16 51	23 37	23 40	18 31		n.a.
T 15	17 47	14 52	3 0	11 29	2 35	25 49	2 6	11 42	0 16	19 14	0 59	18 38	1 21	1 48	0 43	11 58	1 55	21 58	16 52	23 37	23 40	18 29		n.a.
W16	18 4	19 3	1 56	11 9	2 42	25 50	2 7	11 58	0 15	19 13	0 59	18 40	1 21	1 49	0 43	11 57	1 55	21 58	16 52	23 36	23 40	18 28		n.a.
T 17	18 20	22 10	0 47	10 56	2 47	25 51	2 8	12 13	0 15	19 13	0 59	18 41	1 21	1 49	0 43	11 56	1 55	21 58	16 53	23 36	23 40	18 26		n.a.
F 18	18 36	24 5	0n22	10 48	2 50	25 51	2 8	12 29	0 14	19 13	1 0	18 43	1 21	1 49	0 43	11 56	1 55	21 58	16 54	23 36	23 39	18 24		n.a.
S 19	18 52	24 45	1 29	10 44	2 52	25 50	2 8	12 44	0 13	19 12	1 0	18 45	1 20	1 50	0 43	11 55	1 55	21 58	16 54	23 36	23 39	18 22		n.a.
S 20	19 7	24 12	2 31	10 46	2 52	25 49	2 9	13 0	0 13	19 12	1 0	18 46	1 20	1 50	0 43	11 55	1 55	21 58	16 55	23 36	23 39	18 21		n.a.
M21	19 22	22 32	3 25	10 52	2 50	25 47	2 9	13 15	0 12	19 12	1 1	18 48	1 20	1 51	0 43	11 54	1 55	21 58	16 55	23 37	23 39	18 19		n.a.
T 22	19 37	19 54	4 9	11 2	2 48	25 44	2 9	13 30	0 11	19 12	1 1	18 50	1 20	1 51	0 43	11 54	1 55	21 58	16 56	23 37	23 39	18 17		n.a.
W23	19 51	16 27	4 43	11 15	2 44	25 40	2 9	13 45	0 11	19 12	1 1	18 51	1 20	1 51	0 43	11 53	1 55	21 59	16 56	23 37	23 39	18 15		n.a.
T 24	20 5	12 21	5 5	11 31	2 40	25 35	2 9	14 0	0 10	19 12	1 1	18 53	1 20	1 51	0 43	11 53	1 55	21 59	16 57	23 37	23 39	18 14		n.a.
F 25	20 19	7 44	5 14	11 49	2 34	25 30	2 9	14 15	0 10	19 12	1 2	18 54	1 20	1 52	0 43	11 52	1 55	21 59	16 57	23 36	23 39	18 12		n.a.
S 26	20 32	2 44	5 9	12 10	2 29	25 24	2 9	14 30	0 9	19 12	1 2	18 56	1 20	1 52	0 42	11 52	1 55	21 59	16 58	23 36	23 39	18 10		n.a.
S 27	20 44	2 s29	4 49	12 33	2 22	25 17	2 9	14 44	0 8	19 12	1 2	18 57	1 20	1 52	0 42	11 52	1 55	21 59	16 59	23 36	23 38	18 8		n.a.
M28	20 57	7 43	4 15	12 57	2 16	25 10	2 8	14 59	0 8	19 13	1 2	18 59	1 20	1 52	0 42	11 51	1 55	21 59	16 59	23 36	23 38	18 6		n.a.
T 29	21 9	12 46	3 26	13 23	2 9	25 2	2 8	15 13	0 7	19 13	1 3	19 1	1 20	1 53	0 42	11 51	1 55	22 0	17 0	23 36	23 38	18 4		n.a.
W30	21 s20	17 s20	2n25	13 s49	2n 1	24 s53	2 s 7	15 s28	0n 6	19n13	1n 3	19 s 2	1n20	1 s53	0 s42	11n50	1 s55	22n 0	17n 0	23n36	23n38	18n 3		n.a.

Julian Day Number = 1629684.5, Delta T = 03h42m39s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'16, Lahiri = - 7°25'15 Julian Calendar 1 Nov. 252 BCE == Greg. Calendar 28 Oct. 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 252 BCE
geocentric

DECEMBER 252 BCE (-251) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 22 48	5♐44'33	10♐36	13♏31	16♑59	12♏32	9°R 3	29♏51	26°R55	5°R52	13♍54	24°R10	25♊ 4	23♌23	n.a.	T 1
F 2	4 26 44	6°45'51	24°35	14°40	18°10	13°16	9♌ 2	29°58	26♓55	5♉50	13°54	24°D 9	25° 1	23°30	n.a.	F 2
S 3	4 30 41	7°47'08	8♑45	15°51	19°22	14° 0	9° 2	0♐ 5	26°55	5°49	13°55	24♊10	24°58	23°36	n.a.	S 3
S 4	4 34 37	8°48'25	23° 2	17° 5	20°33	14°44	9° 1	0°12	26°54	5°47	13°56	24°11	24°55	23°43	n.a.	S 4
M 5	4 38 34	9°49'42	7♒21	18°20	21°44	15°28	8°59	0°19	26°54	5°46	13°56	24°12	24°52	23°50	n.a.	M 5
T 6	4 42 30	10°50'58	21°39	19°37	22°55	16°12	8°58	0°26	26°54	5°45	13°57	24°13	24°48	23°56	n.a.	T 6
W 7	4 46 27	11°52'13	5♓52	20°55	24° 6	16°56	8°56	0°33	26°54	5°43	13°57	24°R13	24°45	24° 3	n.a.	W 7
T 8	4 50 23	12°53'28	20° 0	22°15	25°17	17°40	8°55	0°40	26°53	5°42	13°58	24°13	24°42	24°10	n.a.	T 8
F 9	4 54 20	13°54'42	3♈59	23°35	26°27	18°24	8°53	0°47	26°53	5°41	13°58	24°13	24°39	24°17	n.a.	F 9
S 10	4 58 17	14°55'55	17°49	24°57	27°38	19° 8	8°51	0°54	26°D53	5°40	13°59	24°12	24°36	24°23	n.a.	S 10
S 11	5 2 13	15°57'08	1♉28	26°20	28°48	19°52	8°48	1° 0	26°53	5°38	13°59	24°11	24°33	24°30	n.a.	S 11
M12	5 6 10	16°58'20	14°55	27°44	29°58	20°36	8°46	1° 7	26°53	5°37	13°59	24°10	24°29	24°37	n.a.	M12
T 13	5 10 6	17°59'31	28° 9	29° 9	1♒ 9	21°21	8°43	1°14	26°54	5°36	14° 0	24° 9	24°26	24°43	n.a.	T 13
W14	5 14 3	19° 0'42	11♊ 9	0♐34	2°19	22° 5	8°40	1°21	26°54	5°35	14° 0	24° 8	24°23	24°50	n.a.	W14
T 15	5 17 59	20° 1'53	23°55	2° 0	3°28	22°49	8°37	1°28	26°54	5°34	14° 0	24°D 8	24°20	24°57	n.a.	T 15
F 16	5 21 56	21° 3'03	6♋27	3°27	4°38	23°33	8°34	1°35	26°54	5°33	14° 0	24° 8	24°17	25° 3	n.a.	F 16
S 17	5 25 53	22° 4'12	18°46	4°55	5°48	24°18	8°30	1°41	26°55	5°32	14° 0	24° 9	24°14	25°10	n.a.	S 17
S 18	5 29 49	23° 5'20	0♌54	6°23	6°57	25° 2	8°27	1°48	26°55	5°31	14° 1	24° 9	24°10	25°17	n.a.	S 18
M19	5 33 46	24° 6'28	12°53	7°52	8° 6	25°47	8°23	1°55	26°56	5°30	14° 1	24°R 9	24° 7	25°24	n.a.	M19
T 20	5 37 42	25° 7'36	24°46	9°22	9°15	26°31	8°19	2° 1	26°56	5°29	14° 1	24° 9	24° 4	25°30	n.a.	T 20
W21	5 41 39	26° 8'43	6♍37	10°52	10°24	27°16	8°15	2° 8	26°57	5°28	14°R 1	24° 9	24° 1	25°37	n.a.	W21
T 22	5 45 35	27° 9'49	18°30	12°23	11°33	28° 0	8°11	2°15	26°57	5°27	14° 1	24° 9	23°58	25°44	n.a.	T 22
F 23	5 49 32	28°10'55	0♎31	13°54	12°42	28°45	8° 6	2°21	26°58	5°26	14° 1	24°D 8	23°54	25°50	n.a.	F 23
S 24	5 53 28	29°12'00	12°43	15°27	13°50	29°29	8° 1	2°28	26°59	5°25	14° 1	24° 9	23°51	25°57	n.a.	S 24
S 25	5 57 25	0♑13'04	25°11	16°59	14°58	0♐14	7°57	2°34	26°59	5°24	14° 0	24° 9	23°48	26° 4	n.a.	S 25
M26	6 1 22	1°14'08	7♏58	18°33	16° 6	0°59	7°52	2°41	27° 0	5°23	14° 0	24°10	23°45	26°11	n.a.	M26
T 27	6 5 18	2°15'10	21° 9	20° 7	17°14	1°44	7°46	2°47	27° 1	5°22	14° 0	24°11	23°42	26°17	n.a.	T 27
W28	6 9 15	3°16'13	4♐45	21°41	18°22	2°28	7°41	2°54	27° 2	5°22	14° 0	24°11	23°39	26°24	n.a.	W28
T 29	6 13 11	4°17'14	18°44	23°17	19°29	3°13	7°36	3° 0	27° 3	5°21	14° 0	24°R12	23°35	26°31	n.a.	T 29
F 30	6 17 8	5°18'14	3♑ 4	24°52	20°37	3°58	7°30	3° 6	27° 4	5°20	13°59	24°12	23°32	26°37	n.a.	F 30
S 31	6 21 4	6♑19'13	17♑41	26♐29	21♒44	4♐43	7♌24	3♐13	27♓ 5	5♉20	13♍59	24♊11	23♊29	26♌44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s31	21s 5	1n14	14s17	1n54	24s43	2s 6	15s42	0n 6	19n14	1n 3	19s 4	1n20	1s53	0s42	11n50	1s55	22n 0	17n 1	23n36	23n38	18n 1		n.a.
F 2	21 42	23 39	0s 2	14 44	1 46	24 33	2 5	15 56	0 5	19 14	1 4	19 5	1 20	1 53	0 42	11 49	1 55	22 0	17 1	23 36	23 38	17 59		n.a.
S 3	21 52	24 46	1 20	15 13	1 38	24 22	2 4	16 10	0 4	19 14	1 4	19 7	1 20	1 53	0 42	11 49	1 55	22 1	17 2	23 36	23 38	17 57		n.a.
S 4	22 2	24 15	2 33	15 42	1 30	24 10	2 3	16 24	0 4	19 15	1 4	19 8	1 20	1 53	0 42	11 48	1 55	22 1	17 3	23 36	23 38	17 55		n.a.
M 5	22 11	22 9	3 37	16 10	1 22	23 57	2 2	16 37	0 3	19 16	1 4	19 10	1 20	1 53	0 42	11 48	1 55	22 1	17 3	23 36	23 37	17 53		n.a.
T 6	22 20	18 40	4 27	16 39	1 14	23 44	2 1	16 51	0 2	19 16	1 5	19 11	1 20	1 53	0 42	11 48	1 55	22 1	17 4	23 36	23 37	17 52		n.a.
W 7	22 29	14 7	5 1	17 8	1 6	23 31	2 0	17 4	0 2	19 17	1 5	19 13	1 20	1 53	0 42	11 47	1 55	22 2	17 4	23 36	23 37	17 50		n.a.
T 8	22 37	8 50	5 16	17 37	0 58	23 16	1 58	17 17	0 1	19 18	1 5	19 14	1 19	1 54	0 42	11 47	1 55	22 2	17 5	23 36	23 37	17 48		n.a.
F 9	22 45	3 10	5 12	18 5	0 50	23 1	1 56	17 30	0 0	19 18	1 6	19 16	1 19	1 53	0 42	11 46	1 55	22 2	17 6	23 36	23 37	17 46		n.a.
S 10	22 52	2n36	4 50	18 33	0 42	22 45	1 55	17 43	0s 0	19 19	1 6	19 17	1 19	1 53	0 42	11 46	1 55	22 3	17 6	23 36	23 37	17 44		n.a.
S 11	22 58	8 11	4 12	19 1	0 34	22 29	1 53	17 56	0 1	19 20	1 6	19 19	1 19	1 53	0 42	11 46	1 54	22 3	17 7	23 36	23 37	17 42		n.a.
M12	23 5	13 18	3 21	19 28	0 26	22 12	1 51	18 9	0 2	19 21	1 6	19 20	1 19	1 53	0 42	11 45	1 54	22 4	17 7	23 36	23 37	17 40		n.a.
T 13	23 11	17 43	2 19	19 54	0 19	21 55	1 49	18 21	0 2	19 22	1 7	19 22	1 19	1 53	0 42	11 45	1 54	22 4	17 8	23 36	23 36	17 38		n.a.
W14	23 16	21 12	1 11	20 20	0 11	21 37	1 47	18 33	0 3	19 23	1 7	19 23	1 19	1 53	0 42	11 45	1 54	22 4	17 9	23 36	23 36	17 37		n.a.
T 15	23 21	23 34	0 1	20 45	0 4	21 18	1 44	18 46	0 4	19 24	1 7	19 24	1 19	1 53	0 42	11 44	1 54	22 5	17 9	23 36	23 36	17 35		n.a.
F 16	23 25	24 42	1n 8	21 10	0s 4	20 59	1 42	18 58	0 5	19 25	1 8	19 26	1 19	1 53	0 42	11 44	1 54	22 5	17 10	23 36	23 36	17 33		n.a.
S 17	23 29	24 35	2 12	21 33	0 11	20 39	1 40	19 9	0 5	19 27	1 8	19 27	1 19	1 53	0 42	11 44	1 54	22 6	17 10	23 36	23 36	17 31		n.a.
S 18	23 33	23 17	3 10	21 56	0 18	20 19	1 37	19 21	0 6	19 28	1 8	19 29	1 19	1 52	0 42	11 43	1 54	22 6	17 11	23 36	23 36	17 29		n.a.
M19	23 36	20 57	3 59	22 18	0 25	19 58	1 34	19 32	0 7	19 29	1 8	19 30	1 19	1 52	0 42	11 43	1 54	22 7	17 11	23 36	23 36	17 27		n.a.
T 20	23 38	17 45	4 37	22 39	0 32	19 37	1 31	19 44	0 7	19 30	1 9	19 31	1 19	1 52	0 42	11 43	1 54	22 7	17 12	23 36	23 35	17 25		n.a.
W21	23 40	13 52	5 3	22 59	0 39	19 16	1 28	19 55	0 8	19 32	1 9	19 33	1 19	1 52	0 41	11 43	1 54	22 8	17 13	23 36	23 35	17 23		n.a.
T 22	23 42	9 26	5 16	23 18	0 45	18 53	1 25	20 6	0 9	19 33	1 9	19 34	1 19	1 51	0 41	11 42	1 54	22 8	17 13	23 36	23 35	17 21		n.a.
F 23	23 43	4 36	5 15	23 36	0 51	18 31	1 22	20 16	0 10	19 34	1 9	19 35	1 19	1 51	0 41	11 42	1 54	22 9	17 14	23 36	23 35	17 19		n.a.
S 24	23 43	0s28	5 1	23 52	0 57	18 8	1 19	20 27	0 10	19 36	1 10	19 37	1 19	1 51	0 41	11 42	1 54	22 10	17 14	23 36	23 35	17 17		n.a.
S 25	23 44	5 38	4 32	24 8	1 3	17 44	1 16	20 37	0 11	19 37	1 10	19 38	1 19	1 50	0 41	11 42	1 54	22 10	17 15	23 36	23 35	17 15		n.a.
M26	23 43	10 43	3 49	24 22	1 9	17 21	1 12	20 48	0 12	19 39	1 10	19 39	1 19	1 50	0 41	11 41	1 54	22 11	17 16	23 36	23 35	17 13		n.a.
T 27	23 42	15 29	2 53	24 35	1 14	16 56	1 8	20 57	0 12	19 41	1 10	19 40	1 19	1 50	0 41	11 41	1 54	22 11	17 16	23 36	23 34	17 11		n.a.
W28	23 41	19 36	1 46	24 47	1 20	16 32	1 5	21 7	0 13	19 42	1 11	19 42	1 19	1 49	0 41	11 41	1 54	22 12	17 17	23 36	23 34	17 10		n.a.
T 29	23 39	22 44	0 30	24 58	1 25	16 7	1 1	21 17	0 14	19 44	1 11	19 43	1 19	1 49	0 41	11 41	1 53	22 13	17 17	23 36	23 34	17 8		n.a.
F 30	23 37	24 30	0s49	25 7	1 29	15 41	0 57	21 26	0 15	19 46	1 11	19 44	1 19	1 48	0 41	11 41	1 53	22 13	17 18	23 36	23 34	17 6		n.a.
S 31	23s34	24s38	2s 6	25s14	1s34	15s16	0s53	21s35	0s15	19n47	1n11	19s45	1n19	1s48	0s41	11n41	1s53	22n14	17n18	23n36	23n34	17n 4		n.a.

Julian Day Number = 1629714.5, Delta T = 03h42m38s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'12, Lahiri = - 7°25'11 Julian Calendar 1 Dec. 252 BCE == Greg. Calendar 27 Nov. 252 BCE

The year -251 astronomical counting style corresponds to year 252 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

JANUARY 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 25 1	7♉20'11	2♒27	28♐ 6	22♒51	5♐28	7°R18	3♐19	27♓ 6	5°R19	13°R59	24°R10	23♊26	26♌51	n.a.	S 1
M 2	6 28 57	8°21'07	17°15	29°44	23°57	6°13	7♌12	3°25	27° 7	5♉18	13♍58	24♊ 8	23°23	26°58	n.a.	M 2
T 3	6 32 54	9°22'02	1♓58	1♉23	25° 3	6°58	7° 6	3°31	27° 9	5°18	13°58	24° 6	23°20	27° 4	n.a.	T 3
W 4	6 36 51	10°22'55	16°30	3° 2	26°10	7°43	7° 0	3°37	27°10	5°17	13°57	24° 4	23°16	27°11	n.a.	W 4
T 5	6 40 47	11°23'47	0♈46	4°42	27°15	8°28	6°54	3°43	27°11	5°17	13°57	24° 3	23°13	27°18	n.a.	T 5
F 6	6 44 44	12°24'37	14°43	6°23	28°21	9°13	6°47	3°49	27°13	5°16	13°56	24°D 3	23°10	27°24	n.a.	F 6
S 7	6 48 40	13°25'25	28°23	8° 5	29°26	9°58	6°40	3°55	27°14	5°16	13°56	24° 3	23° 7	27°31	n.a.	S 7
S 8	6 52 37	14°26'12	11♉44	9°47	0♓31	10°43	6°34	4° 1	27°16	5°16	13°55	24° 5	23° 4	27°38	n.a.	S 8
M 9	6 56 33	15°26'57	24°50	11°31	1°36	11°28	6°27	4° 7	27°17	5°15	13°54	24° 6	23° 0	27°44	n.a.	M 9
T 10	7 0 30	16°27'40	7♊40	13°15	2°40	12°13	6°20	4°13	27°19	5°15	13°54	24° 8	22°57	27°51	n.a.	T 10
W11	7 4 26	17°28'22	20°18	15° 0	3°44	12°59	6°13	4°19	27°20	5°15	13°53	24°R 9	22°54	27°58	n.a.	W11
T 12	7 8 23	18°29'02	2♋44	16°45	4°48	13°44	6° 6	4°24	27°22	5°14	13°52	24° 8	22°51	28° 5	n.a.	T 12
F 13	7 12 20	19°29'40	15° 1	18°32	5°52	14°29	5°58	4°30	27°24	5°14	13°52	24° 7	22°48	28°11	n.a.	F 13
S 14	7 16 16	20°30'17	27°10	20°19	6°55	15°14	5°51	4°36	27°25	5°14	13°51	24° 4	22°45	28°18	n.a.	S 14
S 15	7 20 13	21°30'52	9♌11	22° 7	7°57	16° 0	5°44	4°41	27°27	5°14	13°50	24° 0	22°41	28°25	n.a.	S 15
M16	7 24 9	22°31'26	21° 7	23°56	9° 0	16°45	5°36	4°47	27°29	5°14	13°49	23°55	22°38	28°31	n.a.	M16
T 17	7 28 6	23°31'58	3♍ 0	25°46	10° 2	17°30	5°29	4°52	27°31	5°14	13°48	23°49	22°35	28°38	n.a.	T 17
W18	7 32 2	24°32'29	14°51	27°36	11° 3	18°16	5°21	4°57	27°33	5°14	13°47	23°44	22°32	28°45	n.a.	W18
T 19	7 35 59	25°32'57	26°44	29°27	12° 4	19° 1	5°14	5° 3	27°35	5°D13	13°46	23°39	22°29	28°52	n.a.	T 19
F 20	7 39 55	26°33'25	8♎43	1♒19	13° 5	19°47	5° 6	5° 8	27°37	5°14	13°45	23°36	22°26	28°58	n.a.	F 20
S 21	7 43 52	27°33'51	20°52	3°11	14° 6	20°32	4°58	5°13	27°39	5°14	13°44	23°35	22°22	29° 5	n.a.	S 21
S 22	7 47 49	28°34'15	3♏15	5° 3	15° 5	21°18	4°50	5°18	27°41	5°14	13°43	23°D34	22°19	29°12	n.a.	S 22
M23	7 51 45	29°34'38	15°57	6°56	16° 5	22° 3	4°43	5°23	27°43	5°14	13°42	23°35	22°16	29°18	n.a.	M23
T 24	7 55 42	0♒35'00	29° 2	8°49	17° 4	22°49	4°35	5°28	27°45	5°14	13°41	23°37	22°13	29°25	n.a.	T 24
W25	7 59 38	1°35'20	12♐34	10°42	18° 2	23°34	4°27	5°33	27°47	5°14	13°40	23°38	22°10	29°32	n.a.	W25
T 26	8 3 35	2°35'38	26°33	12°35	19° 0	24°20	4°19	5°38	27°50	5°14	13°39	23°R39	22° 6	29°39	n.a.	T 26
F 27	8 7 31	3°35'55	10♉59	14°27	19°58	25° 5	4°11	5°43	27°52	5°15	13°38	23°38	22° 3	29°45	n.a.	F 27
S 28	8 11 28	4°36'10	25°49	16°18	20°55	25°51	4° 3	5°48	27°54	5°15	13°37	23°34	22° 0	29°52	n.a.	S 28
S 29	8 15 25	5°36'23	10♒54	18° 8	21°51	26°37	3°55	5°52	27°57	5°15	13°35	23°29	21°57	29°59	n.a.	S 29
M30	8 19 21	6°36'34	26° 6	19°57	22°47	27°22	3°48	5°57	27°59	5°16	13°34	23°23	21°54	0♍ 5	n.a.	M30
T 31	8 23 18	7♒36'43	11♓13	21♒43	23♓42	28♐ 8	3♌40	6♐ 1	28♓ 1	5♉16	13♍33	23♊16	21♊51	0♍12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s31	23s 2	3s16	25s21	1s38	14s50	0s49	21s44	0s16	19n49	1n12	19s46	1n19	1s47	0s41	11n40	1s53	22n15	17n19	23n36	23n34	17n 2			n.a.
M 2	23 28	19 52	4 13	25 25	1 42	14 24	0 44	21 53	0 17	19 51	1 12	19 48	1 19	1 47	0 41	11 40	1 53	22 15	17 20	23 36	23 33	17 0			n.a.
T 3	23 23	15 27	4 53	25 28	1 45	13 57	0 40	22 1	0 18	19 53	1 12	19 49	1 19	1 46	0 41	11 40	1 53	22 16	17 20	23 36	23 33	16 58			n.a.
W 4	23 19	10 11	5 13	25 30	1 49	13 30	0 35	22 10	0 18	19 54	1 12	19 50	1 19	1 46	0 41	11 40	1 53	22 17	17 21	23 35	23 33	16 56			n.a.
T 5	23 14	4 29	5 14	25 30	1 51	13 3	0 31	22 18	0 19	19 56	1 12	19 51	1 19	1 45	0 41	11 40	1 53	22 17	17 21	23 35	23 33	16 54			n.a.
F 6	23 8	1n20	4 56	25 28	1 54	12 36	0 26	22 25	0 20	19 58	1 13	19 52	1 19	1 45	0 41	11 40	1 53	22 18	17 22	23 35	23 33	16 52			n.a.
S 7	23 2	6 58	4 21	25 25	1 56	12 8	0 21	22 33	0 21	20 0	1 13	19 53	1 19	1 44	0 41	11 40	1 53	22 19	17 22	23 35	23 33	16 50			n.a.
S 8	22 56	12 10	3 33	25 19	1 58	11 41	0 16	22 40	0 21	20 2	1 13	19 54	1 19	1 43	0 41	11 40	1 53	22 19	17 23	23 35	23 32	16 48			n.a.
M 9	22 49	16 42	2 35	25 12	2 0	11 13	0 11	22 48	0 22	20 4	1 13	19 56	1 19	1 43	0 41	11 40	1 53	22 20	17 23	23 36	23 32	16 46			n.a.
T 10	22 42	20 23	1 30	25 4	2 1	10 44	0 6	22 54	0 23	20 6	1 13	19 57	1 19	1 42	0 41	11 40	1 53	22 21	17 24	23 36	23 32	16 44			n.a.
W11	22 34	23 1	0 21	24 53	2 1	10 16	0 1	23 1	0 24	20 8	1 14	19 58	1 19	1 42	0 41	11 39	1 53	22 22	17 24	23 36	23 32	16 42			n.a.
T 12	22 26	24 29	0n47	24 40	2 2	9 48	0n 4	23 7	0 24	20 10	1 14	19 59	1 19	1 41	0 41	11 39	1 53	22 22	17 25	23 36	23 32	16 39			n.a.
F 13	22 17	24 44	1 52	24 26	2 1	9 19	0 10	23 14	0 25	20 12	1 14	20 0	1 19	1 40	0 41	11 39	1 52	22 23	17 25	23 36	23 32	16 37			n.a.
S 14	22 8	23 47	2 51	24 9	2 1	8 50	0 15	23 20	0 26	20 14	1 14	20 1	1 19	1 39	0 41	11 39	1 52	22 24	17 26	23 35	23 31	16 35			n.a.
S 15	21 59	21 44	3 42	23 51	2 0	8 22	0 21	23 25	0 27	20 16	1 14	20 2	1 19	1 39	0 41	11 39	1 52	22 25	17 26	23 35	23 31	16 33			n.a.
M16	21 49	18 46	4 23	23 31	1 58	7 53	0 27	23 31	0 27	20 18	1 15	20 3	1 19	1 38	0 40	11 39	1 52	22 26	17 27	23 35	23 31	16 31			n.a.
T 17	21 39	15 3	4 52	23 8	1 56	7 24	0 33	23 36	0 28	20 20	1 15	20 4	1 19	1 37	0 40	11 40	1 52	22 26	17 27	23 35	23 31	16 29			n.a.
W18	21 28	10 46	5 8	22 44	1 53	6 55	0 39	23 41	0 29	20 22	1 15	20 5	1 19	1 36	0 40	11 40	1 52	22 27	17 28	23 35	23 31	16 27			n.a.
T 19	21 17	6 4	5 12	22 18	1 50	6 26	0 45	23 46	0 30	20 24	1 15	20 6	1 20	1 35	0 40	11 40	1 52	22 28	17 28	23 34	23 31	16 25			n.a.
F 20	21 6	1 7	5 1	21 49	1 46	5 57	0 51	23 50	0 30	20 26	1 15	20 6	1 20	1 35	0 40	11 40	1 52	22 29	17 29	23 34	23 30	16 23			n.a.
S 21	20 54	3s58	4 38	21 19	1 41	5 27	0 57	23 54	0 31	20 28	1 15	20 7	1 20	1 34	0 40	11 40	1 52	22 30	17 29	23 34	23 30	16 21			n.a.
S 22	20 42	8 59	4 0	20 47	1 36	4 58	1 3	23 58	0 32	20 30	1 15	20 8	1 20	1 33	0 40	11 40	1 52	22 30	17 30	23 34	23 30	16 19			n.a.
M23	20 29	13 46	3 11	20 13	1 30	4 29	1 10	24 2	0 33	20 32	1 16	20 9	1 20	1 32	0 40	11 40	1 52	22 31	17 30	23 34	23 30	16 17			n.a.
T 24	20 16	18 4	2 10	19 37	1 24	4 0	1 16	24 5	0 34	20 34	1 16	20 10	1 20	1 31	0 40	11 40	1 52	22 32	17 31	23 34	23 30	16 15			n.a.
W25	20 3	21 35	1 0	18 59	1 17	3 31	1 23	24 8	0 34	20 36	1 16	20 11	1 20	1 30	0 40	11 40	1 52	22 33	17 31	23 34	23 29	16 13			n.a.
T 26	19 49	23 57	0s16	18 20	1 9	3 2	1 29	24 11	0 35	20 38	1 16	20 12	1 20	1 29	0 40	11 40	1 52	22 34	17 31	23 34	23 29	16 10			n.a.
F 27	19 35	24 48	1 33	17 39	1 0	2 33	1 36	24 14	0 36	20 40	1 16	20 12	1 20	1 28	0 40	11 41	1 52	22 35	17 32	23 34	23 29	16 8			n.a.
S 28	19 20	23 57	2 45	16 57	0 51	2 4	1 43	24 16	0 37	20 42	1 16	20 13	1 20	1 27	0 40	11 41	1 51	22 35	17 32	23 34	23 29	16 6			n.a.
S 29	19 6	21 21	3 48	16 14	0 41	1 35	1 50	24 18	0 37	20 44	1 16	20 14	1 20	1 26	0 40	11 41	1 51	22 36	17 33	23 34	23 29	16 4			n.a.
M30	18 51	17 16	4 34	15 29	0 31	1 7	1 57	24 20	0 38	20 46	1 16	20 15	1 20	1 25	0 40	11 41	1 51	22 37	17 33	23 34	23 28	16 2			n.a.
T 31	18s35	12s 5	5s 2	14s44	0s20	0s38	2n 4	24s22	0s39	20n48	1n16	20s15	1n20	1s24	0s40	11n41	1s51	22n38	17n33	23n33	23n28	16n 0			n.a.

Julian Day Number = 1629745.5, Delta T = 03h42m36s
Ecliptic obliquity = 23°43'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'08, Lahiri = - 7°25'07 Julian Calendar 1 Jan. 251 BCE == Greg. Calendar 28 Dec. 252 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

FEBRUARY 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 27 14	8♒36'50	26♓ 8	23♒28	24♓37	28♐54	3°R32	6♐ 6	28♓ 4	5♉16	13°R32	23°R10	21♊47	0♍19	n.a.	W 1
T 2	8 31 11	9°36'54	10♈41	25° 9	25°31	29°40	3♌24	6°10	28° 6	5°17	13♍30	23♊ 5	21°44	0°26	n.a.	T 2
F 3	8 35 7	10°36'56	24°49	26°47	26°24	0♏25	3°16	6°14	28° 9	5°17	13°29	23° 1	21°41	0°32	n.a.	F 3
S 4	8 39 4	11°36'56	8♉31	28°20	27°17	1°11	3° 8	6°19	28°11	5°18	13°28	23°D 0	21°38	0°39	n.a.	S 4
S 5	8 43 0	12°36'54	21°49	29°50	28° 9	1°57	3° 1	6°23	28°14	5°18	13°26	23° 1	21°35	0°46	n.a.	S 5
M 6	8 46 57	13°36'49	4♊44	1♓14	29° 0	2°43	2°53	6°27	28°17	5°19	13°25	23° 2	21°32	0°52	n.a.	M 6
T 7	8 50 53	14°36'42	17°22	2°33	29°51	3°29	2°46	6°31	28°19	5°20	13°24	23°R 3	21°28	0°59	n.a.	T 7
W 8	8 54 50	15°36'33	29°45	3°45	0♈40	4°14	2°38	6°35	28°22	5°20	13°22	23° 3	21°25	1° 6	n.a.	W 8
T 9	8 58 47	16°36'22	11♋57	4°51	1°29	5° 0	2°31	6°38	28°25	5°21	13°21	23° 1	21°22	1°13	n.a.	T 9
F 10	9 2 43	17°36'08	24° 1	5°50	2°17	5°46	2°23	6°42	28°28	5°22	13°19	22°56	21°19	1°19	n.a.	F 10
S 11	9 6 40	18°35'52	6♌ 0	6°41	3° 4	6°32	2°16	6°46	28°30	5°23	13°18	22°49	21°16	1°26	n.a.	S 11
S 12	9 10 36	19°35'34	17°55	7°24	3°50	7°18	2° 9	6°49	28°33	5°23	13°16	22°40	21°12	1°33	n.a.	S 12
M13	9 14 33	20°35'14	29°48	8° 0	4°35	8° 4	2° 1	6°53	28°36	5°24	13°15	22°29	21° 9	1°39	n.a.	M13
T 14	9 18 29	21°34'51	11♍40	8°27	5°19	8°50	1°54	6°56	28°39	5°25	13°13	22°17	21° 6	1°46	n.a.	T 14
W15	9 22 26	22°34'27	23°33	8°46	6° 2	9°36	1°47	6°59	28°42	5°26	13°12	22° 6	21° 3	1°53	n.a.	W15
T 16	9 26 22	23°34'00	5♎29	8°57	6°44	10°21	1°40	7° 3	28°45	5°27	13°10	21°56	21° 0	2° 0	n.a.	T 16
F 17	9 30 19	24°33'32	17°30	8°R59	7°25	11° 7	1°34	7° 6	28°48	5°28	13° 9	21°47	20°57	2° 6	n.a.	F 17
S 18	9 34 16	25°33'02	29°40	8°53	8° 4	11°53	1°27	7° 9	28°51	5°29	13° 7	21°42	20°53	2°13	n.a.	S 18
S 19	9 38 12	26°32'29	12♏ 1	8°39	8°43	12°39	1°20	7°12	28°54	5°30	13° 6	21°38	20°50	2°20	n.a.	S 19
M20	9 42 9	27°31'55	24°39	8°19	9°20	13°25	1°14	7°15	28°57	5°31	13° 4	21°D37	20°47	2°26	n.a.	M20
T 21	9 46 5	28°31'19	7♐37	7°51	9°56	14°11	1° 8	7°17	29° 0	5°32	13° 2	21°37	20°44	2°33	n.a.	T 21
W22	9 50 2	29°30'42	21° 0	7°17	10°30	14°57	1° 1	7°20	29° 3	5°33	13° 1	21°R38	20°41	2°40	n.a.	W22
T 23	9 53 58	0♓30'02	4♑50	6°38	11° 4	15°43	0°55	7°23	29° 6	5°34	12°59	21°37	20°37	2°47	n.a.	T 23
F 24	9 57 55	1°29'21	19° 9	5°55	11°35	16°29	0°49	7°25	29° 9	5°35	12°58	21°35	20°34	2°53	n.a.	F 24
S 25	10 1 51	2°28'38	3♒54	5° 8	12° 6	17°15	0°44	7°28	29°12	5°37	12°56	21°29	20°31	3° 0	n.a.	S 25
S 26	10 5 48	3°27'52	19° 1	4°18	12°34	18° 1	0°38	7°30	29°15	5°38	12°54	21°21	20°28	3° 7	n.a.	S 26
M27	10 9 45	4°27'05	4♓19	3°28	13° 1	18°47	0°32	7°32	29°19	5°39	12°53	21°12	20°25	3°13	n.a.	M27
T 28	10 13 41	5♓26'15	19♓39	2♓37	13♈27	19♏33	0♌27	7♐34	29♓22	5♉40	12♍51	21♊ 1	20♊22	3♍20	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s19	6s15	5s 8	13s59	0s 8	0s10	2n11	24s23	0s40	20n50	1n16	20s16	1n20	1s23	0s40	11n41	1s51	22n39	17n34	23n33	23n28	15n58		n.a.
T 2	18 3	0 14	4 54	13 13	0n 5	0n18	2 18	24 24	0 41	20 52	1 17	20 17	1 20	1 22	0 40	11 42	1 51	22 40	17 34	23 33	23 28	15 56		n.a.
F 3	17 47	5n39	4 23	12 28	0 18	0 46	2 25	24 25	0 41	20 54	1 17	20 18	1 20	1 21	0 40	11 42	1 51	22 40	17 35	23 32	23 28	15 54		n.a.
S 4	17 30	11 6	3 37	11 43	0 31	1 14	2 33	24 25	0 42	20 56	1 17	20 18	1 20	1 20	0 40	11 42	1 51	22 41	17 35	23 32	23 27	15 51		n.a.
S 5	17 13	15 52	2 40	10 58	0 45	1 42	2 40	24 26	0 43	20 58	1 17	20 19	1 20	1 19	0 40	11 42	1 51	22 42	17 35	23 32	23 27	15 49		n.a.
M 6	16 56	19 45	1 37	10 15	0 59	2 9	2 47	24 25	0 44	21 0	1 17	20 20	1 20	1 18	0 40	11 43	1 51	22 43	17 36	23 32	23 27	15 47		n.a.
T 7	16 39	22 37	0 31	9 34	1 13	2 36	2 55	24 25	0 44	21 1	1 17	20 20	1 20	1 17	0 40	11 43	1 51	22 44	17 36	23 32	23 27	15 45		n.a.
W 8	16 21	24 20	0n36	8 54	1 27	3 3	3 2	24 25	0 45	21 3	1 17	20 21	1 20	1 16	0 40	11 43	1 51	22 45	17 36	23 32	23 27	15 43		n.a.
T 9	16 3	24 50	1 40	8 17	1 41	3 30	3 10	24 24	0 46	21 5	1 17	20 21	1 20	1 15	0 40	11 44	1 51	22 46	17 36	23 32	23 26	15 41		n.a.
F 10	15 45	24 9	2 38	7 42	1 55	3 56	3 18	24 23	0 47	21 7	1 17	20 22	1 21	1 14	0 40	11 44	1 51	22 46	17 37	23 32	23 26	15 38		n.a.
S 11	15 26	22 22	3 29	7 10	2 9	4 22	3 25	24 21	0 47	21 8	1 17	20 23	1 21	1 12	0 40	11 44	1 51	22 47	17 37	23 32	23 26	15 36		n.a.
S 12	15 7	19 36	4 10	6 41	2 23	4 47	3 33	24 19	0 48	21 10	1 17	20 23	1 21	1 11	0 40	11 44	1 50	22 48	17 37	23 31	23 26	15 34		n.a.
M13	14 48	16 3	4 40	6 16	2 36	5 13	3 41	24 18	0 49	21 12	1 17	20 24	1 21	1 10	0 40	11 45	1 50	22 49	17 38	23 31	23 26	15 32		n.a.
T 14	14 29	11 51	4 58	5 55	2 48	5 38	3 49	24 15	0 50	21 13	1 17	20 24	1 21	1 9	0 40	11 45	1 50	22 50	17 38	23 30	23 25	15 30		n.a.
W15	14 9	7 13	5 3	5 37	2 59	6 2	3 56	24 13	0 51	21 15	1 17	20 25	1 21	1 8	0 40	11 46	1 50	22 51	17 38	23 29	23 25	15 27		n.a.
T 16	13 49	2 18	4 55	5 24	3 9	6 26	4 4	24 10	0 51	21 16	1 17	20 25	1 21	1 6	0 40	11 46	1 50	22 51	17 38	23 29	23 25	15 25		n.a.
F 17	13 30	2s44	4 34	5 14	3 18	6 49	4 12	24 7	0 52	21 18	1 17	20 26	1 21	1 5	0 40	11 46	1 50	22 52	17 39	23 28	23 25	15 23		n.a.
S 18	13 9	7 45	4 0	5 9	3 26	7 13	4 20	24 4	0 53	21 20	1 17	20 26	1 21	1 4	0 40	11 47	1 50	22 53	17 39	23 28	23 25	15 21		n.a.
S 19	12 49	12 33	3 14	5 8	3 33	7 35	4 28	24 0	0 54	21 21	1 17	20 26	1 21	1 3	0 39	11 47	1 50	22 54	17 39	23 28	23 24	15 19		n.a.
M20	12 28	16 55	2 18	5 12	3 37	7 57	4 36	23 56	0 54	21 22	1 17	20 27	1 21	1 2	0 39	11 47	1 50	22 55	17 39	23 27	23 24	15 16		n.a.
T 21	12 8	20 38	1 14	5 19	3 40	8 19	4 43	23 52	0 55	21 24	1 17	20 27	1 21	1 0	0 39	11 48	1 50	22 55	17 39	23 27	23 24	15 14		n.a.
W22	11 47	23 22	0 3	5 31	3 42	8 40	4 51	23 48	0 56	21 25	1 17	20 28	1 21	0 59	0 39	11 48	1 50	22 56	17 40	23 27	23 24	15 12		n.a.
T 23	11 26	24 48	1s10	5 45	3 41	9 0	4 59	23 43	0 57	21 26	1 17	20 28	1 21	0 58	0 39	11 49	1 50	22 57	17 40	23 27	23 23	15 10		n.a.
F 24	11 4	24 39	2 21	6 4	3 39	9 20	5 7	23 39	0 57	21 28	1 17	20 28	1 21	0 57	0 39	11 49	1 50	22 58	17 40	23 27	23 23	15 8		n.a.
S 25	10 43	22 49	3 24	6 25	3 35	9 39	5 14	23 33	0 58	21 29	1 17	20 29	1 21	0 55	0 39	11 50	1 50	22 59	17 40	23 27	23 23	15 5		n.a.
S 26	10 21	19 20	4 15	6 48	3 29	9 57	5 22	23 28	0 59	21 30	1 17	20 29	1 22	0 54	0 39	11 50	1 50	22 59	17 40	23 26	23 23	15 3		n.a.
M27	10 0	14 30	4 48	7 14	3 22	10 15	5 30	23 22	1 0	21 31	1 17	20 29	1 22	0 53	0 39	11 51	1 49	23 0	17 40	23 26	23 22	15 1		n.a.
T 28	9s38	8s45	5s 1	7s41	3n13	10n32	5n37	23s17	1s 0	21n32	1n17	20s30	1n22	0s51	0s39	11n51	1s49	23n 1	17n40	23n25	23n22	14n59		n.a.

Julian Day Number = 1629776.5, Delta T = 03h42m35s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°32'03, Lahiri = - 7°25'03 Julian Calendar 1 Feb. 251 BCE == Greg. Calendar 28 Jan. 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

MARCH 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 17 38	6♓25'23	4♈47	1°R46	13♈50	20♉19	0°R22	7♐36	29♓25	5♉42	12°R49	20°R51	20♊18	3♍27	n.a.	W 1
T 2	10 21 34	7°24'28	19°36	0♓58	14°12	21° 5	0♌17	7°38	29°28	5°43	12♍48	20♊42	20°15	3°34	n.a.	T 2
F 3	10 25 31	8°23'32	3♉57	0°11	14°32	21°51	0°12	7°40	29°31	5°44	12°46	20°36	20°12	3°40	n.a.	F 3
S 4	10 29 27	9°22'33	17°49	29♒28	14°50	22°37	0° 7	7°42	29°35	5°46	12°44	20°32	20° 9	3°47	n.a.	S 4
S 5	10 33 24	10°21'31	1♊11	28°49	15° 6	23°23	0° 2	7°44	29°38	5°47	12°43	20°30	20° 6	3°54	n.a.	S 5
M 6	10 37 20	11°20'28	14° 8	28°14	15°20	24° 9	29♋58	7°45	29°41	5°49	12°41	20°30	20° 3	4° 1	n.a.	M 6
T 7	10 41 17	12°19'21	26°43	27°44	15°32	24°55	29°54	7°47	29°45	5°50	12°39	20°30	19°59	4° 7	n.a.	T 7
W 8	10 45 13	13°18'13	9♋ 1	27°19	15°41	25°41	29°50	7°48	29°48	5°52	12°38	20°29	19°56	4°14	n.a.	W 8
T 9	10 49 10	14°17'02	21° 6	27° 0	15°48	26°27	29°46	7°49	29°51	5°53	12°36	20°26	19°53	4°21	n.a.	T 9
F 10	10 53 7	15°15'49	3♌ 4	26°46	15°53	27°13	29°42	7°51	29°55	5°55	12°34	20°20	19°50	4°27	n.a.	F 10
S 11	10 57 3	16°14'33	14°56	26°37	15°56	27°59	29°38	7°52	29°58	5°56	12°33	20°11	19°47	4°34	n.a.	S 11
S 12	11 1 0	17°13'15	26°48	26°D33	15°R56	28°45	29°35	7°53	0♈ 1	5°58	12°31	20° 0	19°43	4°41	n.a.	S 12
M13	11 4 56	18°11'55	8♍40	26°35	15°54	29°31	29°31	7°54	0° 5	5°59	12°29	19°47	19°40	4°48	n.a.	M13
T 14	11 8 53	19°10'33	20°34	26°42	15°50	0♒17	29°28	7°54	0° 8	6° 1	12°28	19°32	19°37	4°54	n.a.	T 14
W15	11 12 49	20° 9'09	2♎31	26°54	15°43	1° 3	29°25	7°55	0°11	6° 3	12°26	19°18	19°34	5° 1	n.a.	W15
T 16	11 16 46	21° 7'43	14°34	27°11	15°33	1°49	29°23	7°56	0°15	6° 4	12°24	19° 6	19°31	5° 8	n.a.	T 16
F 17	11 20 42	22° 6'15	26°42	27°33	15°21	2°35	29°20	7°56	0°18	6° 6	12°23	18°55	19°28	5°14	n.a.	F 17
S 18	11 24 39	23° 4'45	8♏59	27°59	15° 7	3°21	29°18	7°57	0°22	6° 8	12°21	18°47	19°24	5°21	n.a.	S 18
S 19	11 28 35	24° 3'13	21°26	28°30	14°50	4° 7	29°16	7°57	0°25	6°10	12°19	18°43	19°21	5°28	n.a.	S 19
M20	11 32 32	25° 1'39	4♐ 7	29° 5	14°31	4°53	29°14	7°57	0°29	6°11	12°18	18°40	19°18	5°35	n.a.	M20
T 21	11 36 29	26° 0'04	17° 4	29°43	14° 9	5°39	29°12	7°57	0°32	6°13	12°16	18°D40	19°15	5°41	n.a.	T 21
W22	11 40 25	26°58'28	0♑22	0♓26	13°45	6°25	29°10	7°R57	0°35	6°15	12°14	18°R40	19°12	5°48	n.a.	W22
T 23	11 44 22	27°56'49	14° 4	1°12	13°19	7°10	29° 9	7°57	0°39	6°17	12°13	18°39	19° 9	5°55	n.a.	T 23
F 24	11 48 18	28°55'09	28°11	2° 1	12°51	7°56	29° 7	7°57	0°42	6°19	12°11	18°37	19° 5	6° 1	n.a.	F 24
S 25	11 52 15	29°53'28	12♒43	2°54	12°22	8°42	29° 6	7°57	0°46	6°20	12°10	18°32	19° 2	6° 8	n.a.	S 25
S 26	11 56 11	0♈51'44	27°36	3°50	11°50	9°28	29° 6	7°56	0°49	6°22	12° 8	18°24	18°59	6°15	n.a.	S 26
M27	12 0 8	1°49'59	12♓43	4°49	11°17	10°14	29° 5	7°56	0°53	6°24	12° 6	18°15	18°56	6°22	n.a.	M27
T 28	12 4 4	2°48'12	27°56	5°50	10°43	10°59	29° 4	7°55	0°56	6°26	12° 5	18° 4	18°53	6°28	n.a.	T 28
W29	12 8 1	3°46'23	13♈ 2	6°55	10° 7	11°45	29° 4	7°55	0°59	6°28	12° 3	17°54	18°49	6°35	n.a.	W29
T 30	12 11 58	4°44'33	27°52	8° 2	9°31	12°31	29°D 4	7°54	1° 3	6°30	12° 2	17°45	18°46	6°42	n.a.	T 30
F 31	12 15 54	5♈42'40	12♉19	9♓12	8♈53	13♒17	29♋ 4	7♐53	1♈ 6	6♉32	12♍ 0	17♊38	18♊43	6♍49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	9s16	2s32	4s52	8s 8	3n 2	10n48	5n45	23s10	1s 1	21n34	1n17	20s30	1n22	0s50	0s39	11n52	1s49	23n 2	17n40	23n24	23n22	14n56			n.a.
T 2	8 54	3n41	4 24	8 37	2 50	11 3	5 52	23 4	1 2	21 35	1 16	20 30	1 22	0 49	0 39	11 52	1 49	23 2	17 41	23 24	23 22	14 54			n.a.
F 3	8 31	9 32	3 40	9 5	2 37	11 18	5 59	22 57	1 2	21 36	1 16	20 30	1 22	0 47	0 39	11 53	1 49	23 3	17 41	23 23	23 22	14 52			n.a.
S 4	8 9	14 44	2 44	9 34	2 23	11 31	6 6	22 50	1 3	21 37	1 16	20 31	1 22	0 46	0 39	11 53	1 49	23 4	17 41	23 23	23 21	14 50			n.a.
S 5	7 46	19 0	1 40	10 1	2 9	11 44	6 13	22 43	1 4	21 38	1 16	20 31	1 22	0 45	0 39	11 54	1 49	23 5	17 41	23 23	23 21	14 47			n.a.
M 6	7 24	22 13	0 34	10 27	1 54	11 55	6 19	22 36	1 5	21 38	1 16	20 31	1 22	0 43	0 39	11 54	1 49	23 5	17 41	23 23	23 21	14 45			n.a.
T 7	7 1	24 14	0n33	10 52	1 38	12 6	6 26	22 28	1 5	21 39	1 16	20 31	1 22	0 42	0 39	11 55	1 49	23 6	17 41	23 23	23 21	14 43			n.a.
W 8	6 38	25 1	1 36	11 15	1 23	12 15	6 32	22 20	1 6	21 40	1 16	20 31	1 22	0 41	0 39	11 55	1 49	23 7	17 41	23 23	23 20	14 40			n.a.
T 9	6 15	24 35	2 34	11 37	1 7	12 24	6 38	22 12	1 7	21 41	1 16	20 31	1 22	0 39	0 39	11 56	1 49	23 7	17 41	23 23	23 20	14 38			n.a.
F 10	5 52	23 1	3 24	11 56	0 51	12 31	6 44	22 4	1 7	21 42	1 16	20 32	1 22	0 38	0 39	11 56	1 49	23 8	17 41	23 22	23 20	14 36			n.a.
S 11	5 29	20 27	4 5	12 14	0 36	12 37	6 49	21 55	1 8	21 42	1 16	20 32	1 22	0 37	0 39	11 57	1 49	23 9	17 41	23 22	23 20	14 34			n.a.
S 12	5 6	17 2	4 36	12 29	0 21	12 41	6 54	21 47	1 9	21 43	1 16	20 32	1 22	0 35	0 39	11 58	1 49	23 9	17 41	23 21	23 19	14 31			n.a.
M13	4 43	12 57	4 54	12 42	0 6	12 45	6 59	21 38	1 10	21 43	1 16	20 32	1 23	0 34	0 39	11 58	1 49	23 10	17 41	23 20	23 19	14 29			n.a.
T 14	4 20	8 21	4 59	12 53	0s 8	12 47	7 3	21 28	1 10	21 44	1 15	20 32	1 23	0 33	0 39	11 59	1 49	23 11	17 41	23 19	23 19	14 27			n.a.
W15	3 57	3 26	4 51	13 2	0 21	12 48	7 7	21 19	1 11	21 45	1 15	20 32	1 23	0 31	0 39	11 59	1 49	23 11	17 41	23 17	23 19	14 24			n.a.
T 16	3 33	1s39	4 31	13 8	0 35	12 47	7 10	21 9	1 12	21 45	1 15	20 32	1 23	0 30	0 39	12 0	1 49	23 12	17 41	23 16	23 18	14 22			n.a.
F 17	3 10	6 44	3 58	13 12	0 47	12 45	7 13	20 59	1 12	21 45	1 15	20 32	1 23	0 28	0 39	12 1	1 49	23 12	17 41	23 15	23 18	14 20			n.a.
S 18	2 47	11 37	3 13	13 14	0 59	12 41	7 15	20 49	1 13	21 46	1 15	20 32	1 23	0 27	0 39	12 1	1 48	23 13	17 41	23 15	23 18	14 17			n.a.
S 19	2 23	16 7	2 18	13 14	1 10	12 36	7 16	20 39	1 14	21 46	1 15	20 32	1 23	0 26	0 39	12 2	1 48	23 14	17 40	23 14	23 18	14 15			n.a.
M20	2 0	19 59	1 16	13 12	1 21	12 29	7 17	20 28	1 14	21 46	1 15	20 32	1 23	0 24	0 39	12 2	1 48	23 14	17 40	23 14	23 17	14 13			n.a.
T 21	1 36	22 57	0 8	13 8	1 31	12 21	7 18	20 18	1 15	21 47	1 15	20 32	1 23	0 23	0 39	12 3	1 48	23 15	17 40	23 14	23 17	14 10			n.a.
W22	1 13	24 45	1s 2	13 1	1 41	12 11	7 17	20 7	1 16	21 47	1 14	20 32	1 23	0 22	0 39	12 4	1 48	23 15	17 40	23 14	23 17	14 8			n.a.
T 23	0 50	25 8	2 10	12 53	1 49	12 0	7 16	19 56	1 16	21 47	1 14	20 32	1 23	0 20	0 39	12 4	1 48	23 16	17 40	23 14	23 17	14 6			n.a.
F 24	0 26	23 55	3 13	12 42	1 57	11 47	7 15	19 44	1 17	21 47	1 14	20 32	1 23	0 19	0 39	12 5	1 48	23 16	17 40	23 14	23 16	14 3			n.a.
S 25	0 3	21 6	4 5	12 30	2 5	11 33	7 12	19 33	1 18	21 47	1 14	20 32	1 23	0 17	0 39	12 6	1 48	23 17	17 40	23 13	23 16	14 1			n.a.
S 26	0n21	16 51	4 42	12 16	2 12	11 17	7 9	19 21	1 18	21 47	1 14	20 31	1 23	0 16	0 39	12 6	1 48	23 17	17 40	23 13	23 16	13 59			n.a.
M27	0 44	11 28	5 0	12 0	2 18	11 0	7 4	19 9	1 19	21 47	1 14	20 31	1 23	0 15	0 39	12 7	1 48	23 18	17 39	23 12	23 16	13 56			n.a.
T 28	1 8	5 21	4 57	11 42	2 23	10 42	6 59	18 57	1 19	21 47	1 14	20 31	1 23	0 13	0 39	12 8	1 48	23 18	17 39	23 11	23 15	13 54			n.a.
W29	1 31	1n 1	4 33	11 22	2 28	10 22	6 54	18 45	1 20	21 47	1 14	20 31	1 24	0 12	0 39	12 8	1 48	23 19	17 39	23 10	23 15	13 52			n.a.
T 30	1 54	7 15	3 51	11 0	2 32	10 2	6 47	18 32	1 21	21 47	1 13	20 31	1 24	0 10	0 39	12 9	1 48	23 19	17 39	23 9	23 15	13 49			n.a.
F 31	2n18	12n56	2s55	10s37	2s36	9n40	6n40	18s20	1s21	21n47	1n13	20s31	1n24	0s 9	0s39	12n10	1s48	23n19	17n39	23n 9	23n14	13n47			n.a.

Julian Day Number = 1629804.5, Delta T = 03h42m35s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°31'59, Lahiri = - 7°24'59 Julian Calendar 1 March 251 BCE == Greg. Calendar 25 Feb. 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

APRIL 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 19 51	6♈40'46	26♉17	10♓24	8°R16	14♒ 2	29♋ 4	7°R52	1♈10	6♉34	11°R59	17°R34	18♊40	6♍55	n.a.	S 1
S 2	12 23 47	7°38'49	9♊47	11°39	7♈38	14°48	29° 4	7♐51	1°13	6°36	11♍57	17♊32	18°37	7° 2	n.a.	S 2
M 3	12 27 44	8°36'51	22°49	12°56	7° 0	15°33	29° 5	7°50	1°17	6°38	11°56	17°D32	18°34	7° 9	n.a.	M 3
T 4	12 31 40	9°34'50	5♋27	14°15	6°22	16°19	29° 6	7°49	1°20	6°40	11°54	17°R33	18°30	7°15	n.a.	T 4
W 5	12 35 37	10°32'48	17°46	15°37	5°45	17° 5	29° 7	7°47	1°23	6°42	11°53	17°32	18°27	7°22	n.a.	W 5
T 6	12 39 33	11°30'44	29°52	17° 0	5° 8	17°50	29° 8	7°46	1°27	6°44	11°52	17°31	18°24	7°29	n.a.	T 6
F 7	12 43 30	12°28'37	11♌48	18°26	4°33	18°36	29° 9	7°45	1°30	6°46	11°50	17°27	18°21	7°36	n.a.	F 7
S 8	12 47 27	13°26'29	23°40	19°54	3°58	19°21	29°11	7°43	1°34	6°48	11°49	17°20	18°18	7°42	n.a.	S 8
S 9	12 51 23	14°24'19	5♍31	21°24	3°25	20° 6	29°12	7°41	1°37	6°50	11°48	17°12	18°14	7°49	n.a.	S 9
M10	12 55 20	15°22'07	17°25	22°57	2°54	20°52	29°14	7°40	1°40	6°53	11°46	17° 1	18°11	7°56	n.a.	M10
T 11	12 59 16	16°19'53	29°23	24°31	2°24	21°37	29°16	7°38	1°44	6°55	11°45	16°50	18° 8	8° 2	n.a.	T 11
W12	13 3 13	17°17'38	11♎27	26° 7	1°56	22°23	29°18	7°36	1°47	6°57	11°44	16°39	18° 5	8° 9	n.a.	W12
T 13	13 7 9	18°15'22	23°39	27°46	1°31	23° 8	29°21	7°34	1°50	6°59	11°42	16°29	18° 2	8°16	n.a.	T 13
F 14	13 11 6	19°13'03	6♏ 0	29°26	1° 7	23°53	29°23	7°32	1°54	7° 1	11°41	16°21	17°59	8°23	n.a.	F 14
S 15	13 15 2	20°10'44	18°30	1♐ 9	0°46	24°38	29°26	7°29	1°57	7° 3	11°40	16°15	17°55	8°29	n.a.	S 15
S 16	13 18 59	21° 8'23	1♑11	2°53	0°27	25°24	29°29	7°27	2° 0	7° 5	11°39	16°12	17°52	8°36	n.a.	S 16
M17	13 22 55	22° 6'01	14° 3	4°40	0°10	26° 9	29°32	7°25	2° 4	7° 8	11°37	16°D11	17°49	8°43	n.a.	M17
T 18	13 26 52	23° 3'38	27°10	6°29	29♓56	26°54	29°35	7°22	2° 7	7°10	11°36	16°11	17°46	8°49	n.a.	T 18
W19	13 30 49	24° 1'14	10♒33	8°20	29°44	27°39	29°39	7°20	2°10	7°12	11°35	16°12	17°43	8°56	n.a.	W19
T 20	13 34 45	24°58'49	24°14	10°13	29°34	28°24	29°42	7°17	2°13	7°14	11°34	16°R13	17°40	9° 3	n.a.	T 20
F 21	13 38 42	25°56'22	8♒13	12° 7	29°28	29° 9	29°46	7°15	2°17	7°16	11°33	16°12	17°36	9°10	n.a.	F 21
S 22	13 42 38	26°53'55	22°32	14° 4	29°23	29°54	29°50	7°12	2°20	7°19	11°32	16° 9	17°33	9°16	n.a.	S 22
S 23	13 46 35	27°51'27	7♓ 6	16° 3	29°D21	0♓39	29°54	7° 9	2°23	7°21	11°31	16° 5	17°30	9°23	n.a.	S 23
M24	13 50 31	28°48'57	21°53	18° 4	29°21	1°24	29°58	7° 6	2°26	7°23	11°30	15°59	17°27	9°30	n.a.	M24
T 25	13 54 28	29°46'27	6♈44	20° 6	29°24	2° 9	0♎ 3	7° 3	2°29	7°25	11°29	15°52	17°24	9°37	n.a.	T 25
W26	13 58 24	0♉43'56	21°32	22°10	29°28	2°53	0° 7	7° 0	2°32	7°27	11°28	15°45	17°20	9°43	n.a.	W26
T 27	14 2 21	1°41'23	6♉ 9	24°16	29°35	3°38	0°12	6°57	2°36	7°30	11°27	15°39	17°17	9°50	n.a.	T 27
F 28	14 6 18	2°38'50	20°27	26°24	29°45	4°23	0°17	6°54	2°39	7°32	11°26	15°35	17°14	9°57	n.a.	F 28
S 29	14 10 14	3°36'15	4♊22	28°32	29°56	5° 7	0°22	6°50	2°42	7°34	11°25	15°33	17°11	10° 3	n.a.	S 29
S 30	14 14 11	4♉33'39	17♊52	0♉42	0♈ 9	5♓52	0♎27	6♐47	2♈45	7♉36	11♍24	15°D32	17♊ 8	10♍10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n41	17n46	1s50	10s12	2s39	9n18	6n32	18s 7	1s22	21n47	1n13	20s30	1n24	0s 8	0s39	12n10	1s48	23n20	17n38	23n 8	23n14	13n44		n.a.
S 2	3 4	21 30	0 41	9 45	2 41	8 54	6 23	17 54	1 22	21 47	1 13	20 30	1 24	0 6	0 39	12 11	1 48	23 20	17 38	23 8	23 14	13 42		n.a.
M 3	3 27	24 0	0n28	9 17	2 43	8 30	6 13	17 41	1 23	21 47	1 13	20 30	1 24	0 5	0 39	12 12	1 48	23 21	17 38	23 8	23 14	13 40		n.a.
T 4	3 50	25 10	1 34	8 47	2 44	8 6	6 3	17 28	1 24	21 46	1 13	20 30	1 24	0 4	0 39	12 12	1 48	23 21	17 38	23 8	23 13	13 37		n.a.
W 5	4 13	25 4	2 33	8 16	2 44	7 41	5 52	17 14	1 24	21 46	1 13	20 29	1 24	0 2	0 39	12 13	1 48	23 21	17 37	23 8	23 13	13 35		n.a.
T 6	4 36	23 46	3 25	7 42	2 44	7 16	5 41	17 1	1 25	21 46	1 13	20 29	1 24	0 1	0 39	12 14	1 48	23 22	17 37	23 8	23 13	13 32		n.a.
F 7	4 59	21 24	4 7	7 8	2 44	6 51	5 29	16 47	1 25	21 45	1 12	20 29	1 24	0n 1	0 39	12 15	1 48	23 22	17 37	23 8	23 12	13 30		n.a.
S 8	5 22	18 9	4 38	6 32	2 42	6 25	5 16	16 33	1 26	21 45	1 12	20 29	1 24	0 2	0 39	12 15	1 48	23 22	17 37	23 7	23 12	13 28		n.a.
S 9	5 45	14 11	4 57	5 54	2 40	6 0	5 3	16 19	1 26	21 44	1 12	20 28	1 24	0 3	0 39	12 16	1 48	23 22	17 36	23 6	23 12	13 25		n.a.
M10	6 7	9 40	5 3	5 15	2 38	5 36	4 50	16 5	1 27	21 44	1 12	20 28	1 24	0 5	0 39	12 17	1 48	23 23	17 36	23 5	23 12	13 23		n.a.
T 11	6 30	4 46	4 56	4 34	2 35	5 11	4 37	15 51	1 28	21 43	1 12	20 28	1 24	0 6	0 39	12 17	1 48	23 23	17 36	23 4	23 11	13 20		n.a.
W12	6 52	0s22	4 36	3 52	2 31	4 48	4 23	15 36	1 28	21 42	1 12	20 27	1 24	0 7	0 39	12 18	1 48	23 23	17 35	23 3	23 11	13 18		n.a.
T 13	7 14	5 32	4 2	3 9	2 27	4 25	4 9	15 22	1 29	21 42	1 12	20 27	1 24	0 9	0 39	12 19	1 48	23 23	17 35	23 2	23 11	13 16		n.a.
F 14	7 37	10 34	3 18	2 24	2 23	4 2	3 55	15 7	1 29	21 41	1 11	20 26	1 24	0 10	0 39	12 20	1 48	23 24	17 35	23 1	23 11	13 13		n.a.
S 15	7 59	15 15	2 23	1 38	2 17	3 41	3 41	14 52	1 30	21 40	1 11	20 26	1 24	0 11	0 39	12 20	1 48	23 24	17 34	23 0	23 10	13 11		n.a.
S 16	8 21	19 21	1 20	0 51	2 12	3 20	3 27	14 37	1 30	21 40	1 11	20 26	1 24	0 13	0 39	12 21	1 47	23 24	17 34	23 0	23 10	13 8		n.a.
M17	8 42	22 34	0 11	0 2	2 5	3 1	3 13	14 22	1 31	21 39	1 11	20 25	1 24	0 14	0 39	12 22	1 47	23 24	17 34	23 0	23 10	13 6		n.a.
T 18	9 4	24 40	0s59	0n48	1 58	2 42	2 59	14 7	1 31	21 38	1 11	20 25	1 24	0 15	0 39	12 23	1 47	23 24	17 33	23 0	23 9	13 3		n.a.
W19	9 26	25 25	2 7	1 38	1 51	2 25	2 45	13 52	1 32	21 37	1 11	20 24	1 24	0 17	0 39	12 23	1 47	23 24	17 33	23 0	23 9	13 1		n.a.
T 20	9 47	24 38	3 10	2 30	1 43	2 9	2 32	13 36	1 32	21 36	1 11	20 24	1 25	0 18	0 39	12 24	1 47	23 24	17 33	23 0	23 9	12 58		n.a.
F 21	10 8	22 20	4 3	3 23	1 35	1 54	2 18	13 21	1 32	21 35	1 10	20 23	1 25	0 19	0 39	12 25	1 47	23 24	17 32	23 0	23 8	12 56		n.a.
S 22	10 29	18 36	4 42	4 17	1 27	1 40	2 5	13 5	1 33	21 34	1 10	20 23	1 25	0 20	0 39	12 26	1 47	23 24	17 32	23 0	23 8	12 53		n.a.
S 23	10 50	13 41	5 4	5 12	1 17	1 27	1 52	12 50	1 33	21 33	1 10	20 22	1 25	0 22	0 39	12 26	1 47	23 25	17 31	22 59	23 8	12 51		n.a.
M24	11 11	7 56	5 6	6 7	1 8	1 15	1 39	12 34	1 34	21 32	1 10	20 22	1 25	0 23	0 39	12 27	1 47	23 25	17 31	22 59	23 8	12 49		n.a.
T 25	11 32	1 41	4 47	7 3	0 58	1 5	1 27	12 18	1 34	21 31	1 10	20 21	1 25	0 24	0 39	12 28	1 47	23 25	17 31	22 58	23 7	12 46		n.a.
W26	11 52	4n38	4 10	7 59	0 48	0 56	1 15	12 2	1 35	21 30	1 10	20 21	1 25	0 25	0 39	12 29	1 47	23 25	17 30	22 57	23 7	12 44		n.a.
T 27	12 12	10 39	3 16	8 56	0 38	0 47	1 3	11 46	1 35	21 29	1 10	20 20	1 25	0 27	0 39	12 29	1 47	23 25	17 30	22 57	23 7	12 41		n.a.
F 28	12 32	15 58	2 12	9 53	0 28	0 40	0 51	11 30	1 36	21 28	1 9	20 20	1 25	0 28	0 39	12 30	1 47	23 25	17 29	22 56	23 6	12 39		n.a.
S 29	12 52	20 17	1 0	10 49	0 17	0 35	0 40	11 14	1 36	21 27	1 9	20 19	1 25	0 29	0 39	12 31	1 47	23 24	17 29	22 56	23 6	12 36		n.a.
S 30	13n12	23n22	0n13	11n45	0s 6	0n30	0n29	10s57	1s36	21n25	1n 9	20s19	1n25	0n30	0s39	12n31	1s47	23n24	17n28	22n56	23n 6	12n34		n.a.

Julian Day Number = 1629835.5, Delta T = 03h42m33s
Ecliptic obliquity = 23°43'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°31'55, Lahiri = - 7°24'55 Julian Calendar 1 Apr. 251 BCE == Greg. Calendar 28 March 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

MAY 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 18 7	5♉31'02	0♋56	2♉52	0♈25	6♓36	0♌32	6°R44	2♈48	7♉39	11°R24	15♊33	17♊ 5	10♍17	n.a.	M 1
T 2	14 22 4	6°28'24	13°38	5° 4	0°42	7°21	0°38	6♐40	2°51	7°41	11♍23	15°35	17° 1	10°24	n.a.	T 2
W 3	14 26 0	7°25'45	26° 1	7°15	1° 1	8° 5	0°43	6°37	2°54	7°43	11°22	15°36	16°58	10°30	n.a.	W 3
T 4	14 29 57	8°23'04	8♌ 9	9°27	1°22	8°50	0°49	6°33	2°57	7°45	11°21	15°R37	16°55	10°37	n.a.	T 4
F 5	14 33 54	9°20'22	20° 7	11°39	1°44	9°34	0°55	6°30	3° 0	7°48	11°21	15°36	16°52	10°44	n.a.	F 5
S 6	14 37 50	10°17'39	2♍ 0	13°50	2° 9	10°18	1° 1	6°26	3° 3	7°50	11°20	15°34	16°49	10°51	n.a.	S 6
S 7	14 41 47	11°14'55	13°53	16° 1	2°35	11° 2	1° 7	6°22	3° 5	7°52	11°19	15°30	16°46	10°57	n.a.	S 7
M 8	14 45 43	12°12'10	25°49	18°10	3° 2	11°46	1°13	6°19	3° 8	7°54	11°19	15°25	16°42	11° 4	n.a.	M 8
T 9	14 49 40	13° 9'23	7♎52	20°19	3°31	12°30	1°20	6°15	3°11	7°57	11°18	15°20	16°39	11°11	n.a.	T 9
W10	14 53 36	14° 6'36	20° 4	22°26	4° 1	13°14	1°27	6°11	3°14	7°59	11°18	15°15	16°36	11°17	n.a.	W10
T 11	14 57 33	15° 3'48	2♏26	24°31	4°33	13°58	1°33	6° 7	3°17	8° 1	11°17	15°10	16°33	11°24	n.a.	T 11
F 12	15 1 29	16° 1'00	15° 1	26°35	5° 6	14°42	1°40	6° 3	3°19	8° 3	11°17	15° 6	16°30	11°31	n.a.	F 12
S 13	15 5 26	16°58'11	27°49	28°37	5°41	15°26	1°47	5°59	3°22	8° 6	11°16	15° 3	16°26	11°38	n.a.	S 13
S 14	15 9 23	17°55'21	10♐50	0♊37	6°17	16°10	1°54	5°55	3°25	8° 8	11°16	15°D 2	16°23	11°44	n.a.	S 14
M15	15 13 19	18°52'31	24° 3	2°35	6°54	16°53	2° 2	5°51	3°27	8°10	11°15	15° 3	16°20	11°51	n.a.	M15
T 16	15 17 16	19°49'41	7♑29	4°31	7°32	17°37	2° 9	5°47	3°30	8°12	11°15	15° 4	16°17	11°58	n.a.	T 16
W17	15 21 12	20°46'50	21° 7	6°24	8°11	18°20	2°16	5°43	3°33	8°14	11°15	15° 5	16°14	12° 4	n.a.	W17
T 18	15 25 9	21°43'59	4♒58	8°16	8°51	19° 4	2°24	5°38	3°35	8°17	11°14	15° 6	16°11	12°11	n.a.	T 18
F 19	15 29 5	22°41'08	19° 0	10° 5	9°33	19°47	2°32	5°34	3°38	8°19	11°14	15°R 7	16° 7	12°18	n.a.	F 19
S 20	15 33 2	23°38'16	3♓12	11°51	10°15	20°31	2°40	5°30	3°40	8°21	11°14	15° 7	16° 4	12°25	n.a.	S 20
S 21	15 36 58	24°35'25	17°32	13°36	10°59	21°14	2°48	5°26	3°43	8°23	11°14	15° 6	16° 1	12°31	n.a.	S 21
M22	15 40 55	25°32'33	1♈57	15°18	11°43	21°57	2°56	5°21	3°45	8°25	11°14	15° 4	15°58	12°38	n.a.	M22
T 23	15 44 52	26°29'42	16°22	16°57	12°28	22°40	3° 4	5°17	3°47	8°27	11°13	15° 1	15°55	12°45	n.a.	T 23
W24	15 48 48	27°26'50	0♉44	18°35	13°14	23°23	3°12	5°13	3°50	8°30	11°13	14°59	15°51	12°52	n.a.	W24
T 25	15 52 45	28°23'58	14°56	20°10	14° 1	24° 6	3°21	5° 8	3°52	8°32	11°13	14°57	15°48	12°58	n.a.	T 25
F 26	15 56 41	29°21'07	28°53	21°42	14°48	24°49	3°29	5° 4	3°54	8°34	11°D13	14°56	15°45	13° 5	n.a.	F 26
S 27	16 0 38	0♊18'15	12♊33	23°13	15°36	25°32	3°38	5° 0	3°57	8°36	11°13	14°D55	15°42	13°12	n.a.	S 27
S 28	16 4 34	1°15'23	25°54	24°40	16°25	26°14	3°47	4°55	3°59	8°38	11°13	14°56	15°39	13°18	n.a.	S 28
M29	16 8 31	2°12'30	8♋54	26° 6	17°15	26°57	3°56	4°51	4° 1	8°40	11°13	14°56	15°36	13°25	n.a.	M29
T 30	16 12 27	3° 9'38	21°34	27°29	18° 6	27°40	4° 5	4°47	4° 3	8°42	11°13	14°57	15°32	13°32	n.a.	T 30
W31	16 16 24	4♊ 6'45	3♌58	28♊49	18♈57	28♓22	4♌14	4♐42	4♈ 5	8♉44	11♍14	14♊58	15♊29	13♍39	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	13n31	25n 6	1n23	12n41	0n 4	0n26	0n18	10s41	1s37	21n24	1n 9	20s18	1n25	0n32	0s39	12n32	1s47	23n24	17n28	22n56	23n 5	12n31			n.a.
T 2	13 50	25 27	2 27	13 36	0 15	0 24	0 8	10 25	1 37	21 23	1 9	20 18	1 25	0 33	0 39	12 33	1 47	23 24	17 27	22 56	23 5	12 29			n.a.
W 3	14 9	24 30	3 22	14 30	0 25	0 22	0s 2	10 8	1 37	21 21	1 9	20 17	1 25	0 34	0 39	12 34	1 47	23 24	17 27	22 56	23 5	12 26			n.a.
T 4	14 28	22 25	4 7	15 22	0 35	0 22	0 12	9 52	1 38	21 20	1 9	20 16	1 25	0 35	0 39	12 34	1 47	23 24	17 27	22 56	23 4	12 24			n.a.
F 5	14 47	19 23	4 41	16 13	0 45	0 22	0 21	9 35	1 38	21 19	1 9	20 16	1 25	0 36	0 39	12 35	1 47	23 24	17 26	22 56	23 4	12 21			n.a.
S 6	15 5	15 35	5 2	17 3	0 55	0 24	0 31	9 19	1 38	21 17	1 8	20 15	1 25	0 37	0 39	12 36	1 47	23 24	17 26	22 56	23 4	12 19			n.a.
S 7	15 23	11 11	5 11	17 51	1 4	0 26	0 39	9 2	1 39	21 16	1 8	20 14	1 25	0 39	0 39	12 37	1 47	23 23	17 25	22 56	23 4	12 16			n.a.
M 8	15 41	6 21	5 6	18 36	1 12	0 29	0 48	8 45	1 39	21 14	1 8	20 14	1 25	0 40	0 39	12 37	1 47	23 23	17 25	22 55	23 3	12 13			n.a.
T 9	15 58	1 14	4 48	19 20	1 20	0 34	0 56	8 28	1 39	21 12	1 8	20 13	1 25	0 41	0 39	12 38	1 47	23 23	17 24	22 54	23 3	12 11			n.a.
W10	16 16	3s59	4 16	20 1	1 28	0 39	1 4	8 12	1 40	21 11	1 8	20 13	1 25	0 42	0 39	12 39	1 47	23 23	17 24	22 54	23 3	12 8			n.a.
T 11	16 33	9 9	3 32	20 39	1 35	0 45	1 11	7 55	1 40	21 9	1 8	20 12	1 25	0 43	0 39	12 40	1 47	23 23	17 23	22 53	23 2	12 6			n.a.
F 12	16 50	14 2	2 37	21 16	1 41	0 51	1 19	7 38	1 40	21 8	1 8	20 11	1 25	0 44	0 39	12 40	1 47	23 22	17 23	22 53	23 2	12 3			n.a.
S 13	17 6	18 24	1 33	21 49	1 47	0 59	1 25	7 21	1 41	21 6	1 8	20 11	1 25	0 45	0 39	12 41	1 47	23 22	17 22	22 53	23 2	12 1			n.a.
S 14	17 23	21 57	0 23	22 20	1 51	1 7	1 32	7 4	1 41	21 4	1 7	20 10	1 25	0 46	0 39	12 42	1 47	23 22	17 22	22 53	23 1	11 58			n.a.
M15	17 39	24 25	0s49	22 49	1 56	1 16	1 39	6 47	1 41	21 2	1 7	20 9	1 24	0 47	0 39	12 42	1 47	23 21	17 21	22 53	23 1	11 56			n.a.
T 16	17 54	25 31	2 0	23 15	1 59	1 25	1 45	6 30	1 41	21 1	1 7	20 9	1 24	0 48	0 39	12 43	1 47	23 21	17 21	22 53	23 1	11 53			n.a.
W17	18 10	25 6	3 5	23 38	2 2	1 36	1 51	6 13	1 42	20 59	1 7	20 8	1 24	0 49	0 39	12 44	1 47	23 21	17 20	22 53	23 0	11 51			n.a.
T 18	18 25	23 8	4 1	23 59	2 4	1 47	1 56	5 56	1 42	20 57	1 7	20 7	1 24	0 50	0 39	12 45	1 47	23 20	17 20	22 53	23 0	11 48			n.a.
F 19	18 40	19 46	4 43	24 17	2 5	1 58	2 1	5 39	1 42	20 55	1 7	20 6	1 24	0 51	0 39	12 45	1 47	23 20	17 19	22 53	23 0	11 45			n.a.
S 20	18 54	15 13	5 8	24 33	2 6	2 10	2 7	5 22	1 42	20 53	1 7	20 6	1 24	0 52	0 40	12 46	1 47	23 20	17 19	22 53	22 59	11 43			n.a.
S 21	19 9	9 48	5 14	24 47	2 6	2 23	2 11	5 5	1 42	20 51	1 7	20 5	1 24	0 53	0 40	12 47	1 47	23 19	17 18	22 53	22 59	11 40			n.a.
M22	19 23	3 49	5 1	24 58	2 5	2 36	2 16	4 48	1 43	20 49	1 7	20 4	1 24	0 54	0 40	12 47	1 47	23 19	17 17	22 53	22 59	11 38			n.a.
T 23	19 36	2n23	4 29	25 7	2 3	2 50	2 20	4 31	1 43	20 47	1 6	20 4	1 24	0 55	0 40	12 48	1 47	23 18	17 17	22 52	22 58	11 35			n.a.
W24	19 50	8 26	3 40	25 14	2 1	3 4	2 24	4 14	1 43	20 45	1 6	20 3	1 24	0 56	0 40	12 49	1 47	23 18	17 16	22 52	22 58	11 33			n.a.
T 25	20 2	14 0	2 38	25 19	1 58	3 19	2 28	3 57	1 43	20 43	1 6	20 2	1 24	0 57	0 40	12 49	1 47	23 17	17 16	22 52	22 58	11 30			n.a.
F 26	20 15	18 44	1 27	25 22	1 55	3 34	2 32	3 40	1 43	20 41	1 6	20 1	1 24	0 58	0 40	12 50	1 47	23 17	17 15	22 52	22 57	11 27			n.a.
S 27	20 27	22 21	0 13	25 24	1 51	3 50	2 35	3 23	1 43	20 39	1 6	20 1	1 24	0 59	0 40	12 51	1 47	23 16	17 15	22 52	22 57	11 25			n.a.
S 28	20 39	24 40	1n 0	25 23	1 46	4 6	2 39	3 6	1 44	20 36	1 6	20 0	1 24	1 0	0 40	12 51	1 47	23 16	17 14	22 52	22 57	11 22			n.a.
M29	20 51	25 34	2 9	25 21	1 41	4 22	2 42	2 49	1 44	20 34	1 6	19 59	1 24	1 1	0 40	12 52	1 47	23 15	17 14	22 52	22 56	11 20			n.a.
T 30	21 2	25 5	3 9	25 17	1 35	4 39	2 45	2 32	1 44	20 32	1 6	19 58	1 24	1 1	0 40	12 53	1 47	23 15	17 13	22 52	22 56	11 17			n.a.
W31	21n13	23n22	3n59	25n11	1n28	4n56	2s47	2s15	1s44	20n30	1n 6	19s58	1n24	1n 2	0s40	12n53	1s47	23n14	17n13	22n52	22n56	11n14			n.a.

Julian Day Number = 1629865.5, Delta T = 03h42m32s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°31'51, Lahiri = - 7°24'51 Julian Calendar 1 May 251 BCE == Greg. Calendar 27 Apr. 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

JUNE 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 20 21	5♊ 3'52	16♌ 7	0♋ 7	19♈48	29♓ 4	4♌23	4°R38	4♈ 7	8♉46	11♍14	14♊59	15♊26	13♍45	n.a.	T 1
F 2	16 24 17	6° 0'58	28° 7	1°22	20°40	29°46	4°33	4♐33	4° 9	8°49	11°14	15° 0	15°23	13°52	n.a.	F 2
S 3	16 28 14	6°58'05	10♍ 2	2°34	21°33	0♈29	4°42	4°29	4°11	8°51	11°14	15°R 0	15°20	13°59	n.a.	S 3
S 4	16 32 10	7°55'11	21°56	3°44	22°27	1°11	4°51	4°25	4°13	8°53	11°14	15° 0	15°17	14° 6	n.a.	S 4
M 5	16 36 7	8°52'17	3♎53	4°51	23°21	1°53	5° 1	4°20	4°15	8°55	11°15	14°59	15°13	14°12	n.a.	M 5
T 6	16 40 3	9°49'23	15°58	5°55	24°15	2°34	5°11	4°16	4°17	8°57	11°15	14°58	15°10	14°19	n.a.	T 6
W 7	16 44 0	10°46'29	28°15	6°57	25°10	3°16	5°21	4°11	4°19	8°59	11°15	14°58	15° 7	14°26	n.a.	W 7
T 8	16 47 57	11°43'35	10♏47	7°55	26° 5	3°58	5°30	4° 7	4°21	9° 1	11°16	14°57	15° 4	14°32	n.a.	T 8
F 9	16 51 53	12°40'41	23°34	8°50	27° 1	4°39	5°40	4° 3	4°22	9° 2	11°16	14°57	15° 1	14°39	n.a.	F 9
S 10	16 55 50	13°37'48	6♐39	9°41	27°58	5°21	5°50	3°58	4°24	9° 4	11°17	14°57	14°57	14°46	n.a.	S 10
S 11	16 59 46	14°34'55	20° 2	10°29	28°55	6° 2	6° 1	3°54	4°26	9° 6	11°17	14°57	14°54	14°53	n.a.	S 11
M12	17 3 43	15°32'02	3♑40	11°14	29°52	6°44	6°11	3°50	4°27	9° 8	11°18	14°57	14°51	14°59	n.a.	M12
T 13	17 7 39	16°29'09	17°32	11°55	0♒49	7°25	6°21	3°46	4°29	9°10	11°18	14°57	14°48	15° 6	n.a.	T 13
W14	17 11 36	17°26'18	1♓35	12°32	1°48	8° 6	6°32	3°41	4°30	9°12	11°19	14°57	14°45	15°13	n.a.	W14
T 15	17 15 32	18°23'27	15°45	13° 6	2°46	8°47	6°42	3°37	4°32	9°14	11°20	14°56	14°42	15°20	n.a.	T 15
F 16	17 19 29	19°20'36	29°59	13°35	3°45	9°28	6°53	3°33	4°33	9°16	11°20	14°56	14°38	15°26	n.a.	F 16
S 17	17 23 26	20°17'47	14♓16	14° 0	4°44	10° 8	7° 3	3°29	4°35	9°17	11°21	14°D56	14°35	15°33	n.a.	S 17
S 18	17 27 22	21°14'58	28°30	14°20	5°44	10°49	7°14	3°25	4°36	9°19	11°22	14°56	14°32	15°40	n.a.	S 18
M19	17 31 19	22°12'10	12♈40	14°36	6°44	11°30	7°25	3°21	4°37	9°21	11°23	14°56	14°29	15°46	n.a.	M19
T 20	17 35 15	23° 9'23	26°44	14°47	7°44	12°10	7°36	3°17	4°38	9°23	11°23	14°57	14°26	15°53	n.a.	T 20
W21	17 39 12	24° 6'37	10♉39	14°54	8°45	12°50	7°47	3°13	4°40	9°24	11°24	14°58	14°23	16° 0	n.a.	W21
T 22	17 43 8	25° 3'52	24°23	14°R55	9°46	13°30	7°58	3° 9	4°41	9°26	11°25	14°58	14°19	16° 7	n.a.	T 22
F 23	17 47 5	26° 1'08	7♊55	14°52	10°47	14°10	8° 9	3° 5	4°42	9°28	11°26	14°59	14°16	16°13	n.a.	F 23
S 24	17 51 1	26°58'25	21°13	14°43	11°49	14°50	8°20	3° 1	4°43	9°29	11°27	14°R59	14°13	16°20	n.a.	S 24
S 25	17 54 58	27°55'42	4♋16	14°30	12°50	15°30	8°31	2°57	4°44	9°31	11°28	14°58	14°10	16°27	n.a.	S 25
M26	17 58 55	28°53'01	17° 5	14°12	13°53	16°10	8°42	2°54	4°45	9°33	11°29	14°57	14° 7	16°33	n.a.	M26
T 27	18 2 51	29°50'20	29°38	13°49	14°55	16°49	8°54	2°50	4°46	9°34	11°30	14°55	14° 3	16°40	n.a.	T 27
W28	18 6 48	0♋47'40	11♌57	13°21	15°58	17°29	9° 5	2°46	4°47	9°36	11°31	14°53	14° 0	16°47	n.a.	W28
T 29	18 10 44	1°45'00	24° 5	12°49	17° 1	18° 8	9°17	2°43	4°48	9°37	11°32	14°50	13°57	16°54	n.a.	T 29
F 30	18 14 41	2♋42'21	6♍ 4	12♋14	18♉ 4	18♈47	9♌28	2♐39	4♈48	9♉39	11♍33	14♊48	13♊54	17♍ 0	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n24	20n36	4n37	25n 5	1n21	5n13	2s50	1s58	1s44	20n27	1n 6	19s57	1n24	1n 3	0s40	12n54	1s48	23n14	17n12	22n52	22n55	11n12		n.a.
F 2	21 34	16 59	5 3	24 57	1 13	5 31	2 52	1 41	1 44	20 25	1 6	19 56	1 23	1 4	0 40	12 55	1 48	23 13	17 12	22 52	22 55	11 9		n.a.
S 3	21 44	12 45	5 15	24 47	1 5	5 49	2 54	1 24	1 44	20 23	1 5	19 56	1 23	1 5	0 40	12 55	1 48	23 13	17 11	22 52	22 54	11 7		n.a.
S 4	21 54	8 2	5 14	24 37	0 56	6 7	2 56	1 7	1 44	20 20	1 5	19 55	1 23	1 5	0 40	12 56	1 48	23 12	17 10	22 52	22 54	11 4		n.a.
M 5	22 3	3 1	4 59	24 25	0 47	6 26	2 57	0 50	1 44	20 18	1 5	19 54	1 23	1 6	0 40	12 56	1 48	23 11	17 10	22 52	22 54	11 1		n.a.
T 6	22 11	2s11	4 31	24 13	0 37	6 45	2 59	0 33	1 44	20 15	1 5	19 53	1 23	1 7	0 40	12 57	1 48	23 11	17 9	22 52	22 53	10 59		n.a.
W 7	22 20	7 24	3 51	23 59	0 27	7 3	3 0	0 17	1 44	20 13	1 5	19 53	1 23	1 7	0 40	12 58	1 48	23 10	17 9	22 52	22 53	10 56		n.a.
T 8	22 28	12 25	2 58	23 45	0 16	7 23	3 1	0n 0	1 44	20 10	1 5	19 52	1 23	1 8	0 40	12 58	1 48	23 9	17 8	22 52	22 53	10 53		n.a.
F 9	22 35	17 1	1 56	23 31	0 5	7 42	3 3	0 17	1 44	20 8	1 5	19 51	1 23	1 9	0 40	12 59	1 48	23 9	17 8	22 52	22 52	10 51		n.a.
S 10	22 43	20 56	0 46	23 15	0s 7	8 1	3 3	0 33	1 44	20 5	1 5	19 51	1 23	1 10	0 40	12 59	1 48	23 8	17 7	22 52	22 52	10 48		n.a.
S 11	22 49	23 49	0s28	22 59	0 19	8 21	3 4	0 50	1 44	20 2	1 5	19 50	1 23	1 10	0 40	13 0	1 48	23 7	17 7	22 52	22 52	10 45		n.a.
M12	22 56	25 22	1 42	22 43	0 32	8 41	3 5	1 6	1 44	20 0	1 5	19 49	1 23	1 11	0 40	13 1	1 48	23 7	17 6	22 52	22 51	10 43		n.a.
T 13	23 2	25 23	2 51	22 27	0 44	9 1	3 5	1 23	1 44	19 57	1 5	19 48	1 22	1 11	0 40	13 1	1 48	23 6	17 6	22 52	22 51	10 40		n.a.
W14	23 7	23 47	3 50	22 10	0 58	9 21	3 5	1 39	1 44	19 54	1 5	19 48	1 22	1 12	0 40	13 2	1 48	23 5	17 5	22 52	22 51	10 38		n.a.
T 15	23 13	20 42	4 37	21 53	1 11	9 41	3 5	1 56	1 44	19 52	1 5	19 47	1 22	1 13	0 40	13 2	1 48	23 4	17 4	22 52	22 50	10 35		n.a.
F 16	23 18	16 22	5 6	21 37	1 25	10 1	3 5	2 12	1 44	19 49	1 4	19 46	1 22	1 13	0 40	13 3	1 48	23 4	17 4	22 52	22 50	10 32		n.a.
S 17	23 22	11 7	5 17	21 20	1 39	10 21	3 5	2 28	1 44	19 46	1 4	19 46	1 22	1 14	0 40	13 3	1 48	23 3	17 3	22 52	22 49	10 30		n.a.
S 18	23 26	5 18	5 8	21 4	1 53	10 41	3 5	2 44	1 44	19 43	1 4	19 45	1 22	1 14	0 40	13 4	1 48	23 2	17 3	22 52	22 49	10 27		n.a.
M19	23 30	0n46	4 40	20 48	2 8	11 1	3 4	3 0	1 44	19 40	1 4	19 44	1 22	1 15	0 40	13 5	1 48	23 1	17 2	22 52	22 49	10 24		n.a.
T 20	23 33	6 45	3 56	20 33	2 22	11 22	3 4	3 16	1 44	19 37	1 4	19 44	1 22	1 15	0 40	13 5	1 48	23 1	17 2	22 52	22 48	10 21		n.a.
W21	23 36	12 22	2 59	20 18	2 36	11 42	3 3	3 32	1 44	19 35	1 4	19 43	1 21	1 16	0 40	13 6	1 48	23 0	17 1	22 52	22 48	10 19		n.a.
T 22	23 38	17 17	1 52	20 4	2 50	12 2	3 2	3 48	1 44	19 32	1 4	19 42	1 21	1 16	0 40	13 6	1 48	22 59	17 1	22 52	22 48	10 16		n.a.
F 23	23 40	21 15	0 39	19 50	3 4	12 22	3 1	4 4	1 43	19 29	1 4	19 42	1 21	1 16	0 40	13 7	1 48	22 58	17 0	22 52	22 47	10 13		n.a.
S 24	23 41	24 0	0n34	19 38	3 17	12 42	3 0	4 20	1 43	19 26	1 4	19 41	1 21	1 17	0 40	13 7	1 48	22 57	17 0	22 52	22 47	10 11		n.a.
S 25	23 43	25 24	1 45	19 26	3 30	13 2	2 59	4 36	1 43	19 23	1 4	19 41	1 21	1 17	0 40	13 8	1 48	22 56	16 59	22 52	22 46	10 8		n.a.
M26	23 43	25 24	2 48	19 16	3 43	13 22	2 58	4 51	1 43	19 20	1 4	19 40	1 21	1 17	0 40	13 8	1 48	22 56	16 59	22 52	22 46	10 5		n.a.
T 27	23 44	24 5	3 42	19 7	3 55	13 42	2 56	5 7	1 43	19 16	1 4	19 39	1 21	1 18	0 40	13 8	1 48	22 55	16 58	22 52	22 46	10 3		n.a.
W28	23 43	21 38	4 25	18 59	4 5	14 1	2 55	5 22	1 43	19 13	1 4	19 39	1 21	1 18	0 41	13 9	1 48	22 54	16 58	22 51	22 45	10 0		n.a.
T 29	23 43	18 16	4 55	18 52	4 15	14 21	2 53	5 37	1 42	19 10	1 4	19 38	1 20	1 18	0 41	13 9	1 48	22 53	16 57	22 51	22 45	9 57		n.a.
F 30	23n42	14n12	5n11	18n47	4s23	14n40	2s52	5n52	1s42	19n 7	1n 4	19s38	1n20	1n19	0s41	13n10	1s48	22n52	16n57	22n51	22n45	9n55		n.a.

Julian Day Number = 1629896.5, Delta T = 03h42m31s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°31'47, Lahiri = - 7°24'46 Julian Calendar 1 June 251 BCE == Greg. Calendar 28 May 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

JULY 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 18 37	3♋39'43	17♍58	11°R35	19♉ 7	19♈26	9♌40	2°R36	4♈49	9♉40	11♍34	14°R47	13♊51	17♍ 7	n.a.	S 1
S 2	18 22 34	4°37'06	29°52	10♋53	20°11	20° 5	9°51	2♐32	4°50	9°42	11°35	14°D46	13°48	17°14	n.a.	S 2
M 3	18 26 31	5°34'29	11♎48	10° 8	21°15	20°44	10° 3	2°29	4°50	9°43	11°37	14♊46	13°44	17°21	n.a.	M 3
T 4	18 30 27	6°31'54	23°53	9°23	22°19	21°22	10°15	2°26	4°51	9°45	11°38	14°47	13°41	17°27	n.a.	T 4
W 5	18 34 24	7°29'19	6♏11	8°37	23°23	22° 1	10°27	2°23	4°51	9°46	11°39	14°48	13°38	17°34	n.a.	W 5
T 6	18 38 20	8°26'45	18°45	7°50	24°28	22°39	10°39	2°19	4°52	9°47	11°40	14°50	13°35	17°41	n.a.	T 6
F 7	18 42 17	9°24'12	1♐40	7° 5	25°33	23°17	10°51	2°16	4°52	9°49	11°42	14°51	13°32	17°47	n.a.	F 7
S 8	18 46 13	10°21'40	14°57	6°22	26°38	23°55	11° 3	2°13	4°53	9°50	11°43	14°R52	13°29	17°54	n.a.	S 8
S 9	18 50 10	11°19'09	28°37	5°42	27°43	24°33	11°15	2°11	4°53	9°51	11°44	14°51	13°25	18° 1	n.a.	S 9
M10	18 54 6	12°16'39	12♑38	5° 5	28°48	25°11	11°27	2° 8	4°53	9°53	11°46	14°49	13°22	18° 8	n.a.	M10
T 11	18 58 3	13°14'11	26°56	4°32	29°54	25°48	11°39	2° 5	4°54	9°54	11°47	14°46	13°19	18°14	n.a.	T 11
W12	19 2 0	14°11'44	11♒27	4° 4	1♊ 0	26°26	11°51	2° 2	4°54	9°55	11°49	14°42	13°16	18°21	n.a.	W12
T 13	19 5 56	15° 9'18	26° 4	3°42	2° 6	27° 3	12° 3	2° 0	4°54	9°56	11°50	14°38	13°13	18°28	n.a.	T 13
F 14	19 9 53	16° 6'54	10♓41	3°27	3°12	27°40	12°15	1°57	4°54	9°57	11°52	14°34	13° 9	18°35	n.a.	F 14
S 15	19 13 49	17° 4'32	25°10	3°17	4°18	28°17	12°28	1°55	4°R54	9°59	11°53	14°31	13° 6	18°41	n.a.	S 15
S 16	19 17 46	18° 2'11	9♈29	3°D15	5°25	28°54	12°40	1°52	4°54	10° 0	11°55	14°29	13° 3	18°48	n.a.	S 16
M17	19 21 42	18°59'52	23°35	3°20	6°31	29°30	12°52	1°50	4°54	10° 1	11°56	14°D29	13° 0	18°55	n.a.	M17
T 18	19 25 39	19°57'34	7♉25	3°32	7°38	0♉ 6	13° 5	1°48	4°54	10° 2	11°58	14°30	12°57	19° 1	n.a.	T 18
W19	19 29 35	20°55'19	21° 1	3°51	8°46	0°43	13°17	1°46	4°54	10° 3	12° 0	14°32	12°54	19° 8	n.a.	W19
T 20	19 33 32	21°53'05	4♊22	4°18	9°53	1°19	13°30	1°43	4°53	10° 4	12° 1	14°33	12°50	19°15	n.a.	T 20
F 21	19 37 29	22°50'53	17°30	4°53	11° 0	1°55	13°42	1°42	4°53	10° 5	12° 3	14°R33	12°47	19°22	n.a.	F 21
S 22	19 41 25	23°48'43	0♋26	5°35	12° 8	2°30	13°55	1°40	4°53	10° 6	12° 5	14°32	12°44	19°28	n.a.	S 22
S 23	19 45 22	24°46'35	13°10	6°24	13°16	3° 6	14° 8	1°38	4°53	10° 6	12° 6	14°29	12°41	19°35	n.a.	S 23
M24	19 49 18	25°44'28	25°42	7°20	14°23	3°41	14°20	1°36	4°52	10° 7	12° 8	14°24	12°38	19°42	n.a.	M24
T 25	19 53 15	26°42'22	8♌ 4	8°22	15°31	4°16	14°33	1°35	4°52	10° 8	12°10	14°17	12°35	19°49	n.a.	T 25
W26	19 57 11	27°40'19	20°16	9°32	16°40	4°51	14°46	1°33	4°51	10° 9	12°12	14° 9	12°31	19°55	n.a.	W26
T 27	20 1 8	28°38'17	2♍19	10°47	17°48	5°25	14°58	1°32	4°51	10°10	12°14	14° 1	12°28	20° 2	n.a.	T 27
F 28	20 5 4	29°36'16	14°15	12° 8	18°56	6° 0	15°11	1°30	4°50	10°10	12°16	13°53	12°25	20° 9	n.a.	F 28
S 29	20 9 1	0♌34'17	26° 7	13°34	20° 5	6°34	15°24	1°29	4°49	10°11	12°17	13°47	12°22	20°15	n.a.	S 29
S 30	20 12 58	1°32'19	7♎58	15° 6	21°14	7° 8	15°37	1°28	4°49	10°12	12°19	13°42	12°19	20°22	n.a.	S 30
M31	20 16 54	2♌30'23	19♎53	16♋41	22♊23	7♉42	15♌49	1♐27	4♈48	10♉12	12♍21	13♊39	12♊15	20♍29	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n40	9n37	5n14	18n43	4s31	14n59	2s50	6n 8	1s42	19n 4	1n 4	19s37	1n20	1n19	0s41	13n10	1s49	22n51	16n56	22n51	22n44	9n52		n.a.
S 2	23 39	4 42	5 4	18 41	4 36	15 18	2 48	6 23	1 42	19 1	1 4	19 37	1 20	1 19	0 41	13 11	1 49	22 50	16 56	22 51	22 44	9 49		n.a.
M 3	23 36	0s25	4 41	18 40	4 41	15 37	2 46	6 37	1 41	18 57	1 4	19 36	1 20	1 19	0 41	13 11	1 49	22 49	16 55	22 51	22 43	9 46		n.a.
T 4	23 34	5 35	4 5	18 41	4 43	15 56	2 44	6 52	1 41	18 54	1 4	19 36	1 20	1 20	0 41	13 11	1 49	22 48	16 55	22 51	22 43	9 44		n.a.
W 5	23 31	10 39	3 17	18 43	4 44	16 14	2 42	7 7	1 41	18 51	1 3	19 35	1 19	1 20	0 41	13 12	1 49	22 47	16 54	22 51	22 43	9 41		n.a.
T 6	23 27	15 23	2 19	18 47	4 43	16 32	2 39	7 22	1 41	18 48	1 3	19 35	1 19	1 20	0 41	13 12	1 49	22 47	16 54	22 51	22 42	9 38		n.a.
F 7	23 23	19 34	1 12	18 53	4 40	16 50	2 37	7 36	1 40	18 44	1 3	19 34	1 19	1 20	0 41	13 13	1 49	22 46	16 53	22 51	22 42	9 36		n.a.
S 8	23 19	22 52	0s 0	19 0	4 35	17 8	2 35	7 51	1 40	18 41	1 3	19 34	1 19	1 20	0 41	13 13	1 49	22 45	16 53	22 51	22 41	9 33		n.a.
S 9	23 14	24 58	1 15	19 8	4 29	17 25	2 32	8 5	1 40	18 37	1 3	19 34	1 19	1 20	0 41	13 13	1 49	22 44	16 52	22 51	22 41	9 30		n.a.
M10	23 9	25 33	2 26	19 17	4 20	17 42	2 30	8 19	1 39	18 34	1 3	19 33	1 19	1 20	0 41	13 14	1 49	22 43	16 52	22 51	22 41	9 27		n.a.
T 11	23 4	24 27	3 30	19 28	4 11	17 59	2 27	8 33	1 39	18 31	1 3	19 33	1 18	1 21	0 41	13 14	1 49	22 42	16 51	22 51	22 40	9 25		n.a.
W12	22 58	21 44	4 21	19 40	4 0	18 15	2 24	8 47	1 39	18 27	1 3	19 32	1 18	1 21	0 41	13 14	1 49	22 41	16 51	22 50	22 40	9 22		n.a.
T 13	22 51	17 36	4 56	19 53	3 47	18 31	2 22	9 1	1 38	18 24	1 3	19 32	1 18	1 21	0 41	13 15	1 49	22 40	16 51	22 50	22 39	9 19		n.a.
F 14	22 44	12 26	5 11	20 7	3 34	18 47	2 19	9 15	1 38	18 20	1 3	19 32	1 18	1 21	0 41	13 15	1 49	22 39	16 50	22 49	22 39	9 16		n.a.
S 15	22 37	6 37	5 7	20 22	3 20	19 2	2 16	9 28	1 38	18 17	1 3	19 31	1 18	1 21	0 41	13 15	1 49	22 38	16 50	22 49	22 39	9 14		n.a.
S 16	22 30	0 31	4 43	20 37	3 4	19 17	2 13	9 42	1 37	18 13	1 3	19 31	1 18	1 21	0 41	13 16	1 49	22 37	16 49	22 49	22 38	9 11		n.a.
M17	22 22	5n31	4 2	20 52	2 49	19 31	2 10	9 55	1 37	18 10	1 3	19 31	1 17	1 21	0 41	13 16	1 49	22 36	16 49	22 49	22 38	9 8		n.a.
T 18	22 13	11 11	3 8	21 8	2 32	19 45	2 7	10 9	1 36	18 6	1 3	19 30	1 17	1 20	0 41	13 16	1 49	22 35	16 48	22 49	22 37	9 5		n.a.
W19	22 5	16 13	2 5	21 24	2 16	19 59	2 4	10 22	1 36	18 2	1 3	19 30	1 17	1 20	0 41	13 16	1 49	22 34	16 48	22 49	22 37	9 3		n.a.
T 20	21 55	20 22	0 55	21 40	1 59	20 12	2 1	10 35	1 35	17 59	1 3	19 30	1 17	1 20	0 41	13 17	1 49	22 33	16 48	22 49	22 37	9 0		n.a.
F 21	21 46	23 24	0n16	21 56	1 42	20 25	1 58	10 48	1 35	17 55	1 3	19 30	1 17	1 20	0 41	13 17	1 50	22 32	16 47	22 49	22 36	8 57		n.a.
S 22	21 36	25 9	1 25	22 11	1 26	20 38	1 54	11 1	1 35	17 51	1 3	19 30	1 17	1 20	0 41	13 17	1 50	22 31	16 47	22 49	22 36	8 54		n.a.
S 23	21 26	25 32	2 29	22 25	1 9	20 50	1 51	11 13	1 34	17 48	1 3	19 29	1 16	1 20	0 41	13 17	1 50	22 30	16 46	22 49	22 35	8 51		n.a.
M24	21 15	24 36	3 24	22 38	0 53	21 1	1 48	11 26	1 34	17 44	1 3	19 29	1 16	1 20	0 41	13 18	1 50	22 28	16 46	22 48	22 35	8 49		n.a.
T 25	21 4	22 28	4 9	22 50	0 38	21 12	1 44	11 38	1 33	17 40	1 3	19 29	1 16	1 19	0 41	13 18	1 50	22 27	16 46	22 47	22 35	8 46		n.a.
W26	20 53	19 21	4 42	23 0	0 22	21 22	1 41	11 50	1 33	17 36	1 3	19 29	1 16	1 19	0 41	13 18	1 50	22 26	16 45	22 46	22 34	8 43		n.a.
T 27	20 41	15 27	5 1	23 9	0 8	21 32	1 38	12 3	1 32	17 33	1 3	19 29	1 16	1 19	0 41	13 18	1 50	22 25	16 45	22 45	22 34	8 40		n.a.
F 28	20 29	10 59	5 7	23 16	0n 6	21 42	1 34	12 15	1 31	17 29	1 3	19 29	1 15	1 19	0 41	13 18	1 50	22 24	16 45	22 44	22 33	8 37		n.a.
S 29	20 16	6 9	5 0	23 20	0 19	21 50	1 31	12 26	1 31	17 25	1 3	19 29	1 15	1 18	0 41	13 19	1 50	22 23	16 44	22 44	22 33	8 35		n.a.
S 30	20 3	1 5	4 41	23 23	0 31	21 59	1 27	12 38	1 30	17 21	1 3	19 29	1 15	1 18	0 41	13 19	1 50	22 22	16 44	22 43	22 32	8 32		n.a.
M31	19n50	4s 2	4n 9	23n22	0n43	22n 7	1s24	12n50	1s30	17n17	1n 3	19s29	1n15	1n18	0s41	13n19	1s50	22n21	16n44	22n43	22n32	8n29		n.a.

Julian Day Number = 1629926.5, Delta T = 03h42m30s
Ecliptic obliquity = 23°43'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°31'43, Lahiri = - 7°24'42 Julian Calendar 1 July 251 BCE == Greg. Calendar 27 June 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

AUGUST 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 20 51	3♌28'28	1♏55	18♋21	23♊32	8♉15	16♌ 2	1°R26	4°R47	10♉13	12♍23	13°D38	12♊12	20♍36	n.a.	T 1
W 2	20 24 47	4°26'35	14° 9	20° 4	24°41	8°49	16°15	1♐25	4♈46	10°13	12°25	13♊38	12° 9	20°42	n.a.	W 2
T 3	20 28 44	5°24'44	26°41	21°50	25°50	9°22	16°28	1°24	4°45	10°14	12°27	13°39	12° 6	20°49	n.a.	T 3
F 4	20 32 40	6°22'54	9♐35	23°39	26°59	9°55	16°41	1°24	4°44	10°14	12°29	13°R40	12° 3	20°56	n.a.	F 4
S 5	20 36 37	7°21'06	22°55	25°29	28° 9	10°27	16°54	1°23	4°43	10°15	12°31	13°40	12° 0	21° 2	n.a.	S 5
S 6	20 40 33	8°19'19	6♑43	27°22	29°19	11° 0	17° 7	1°22	4°42	10°15	12°33	13°38	11°56	21° 9	n.a.	S 6
M 7	20 44 30	9°17'34	20°57	29°15	0♋28	11°32	17°20	1°22	4°41	10°16	12°35	13°33	11°53	21°16	n.a.	M 7
T 8	20 48 27	10°15'51	5♒35	1♌10	1°38	12° 4	17°33	1°22	4°40	10°16	12°37	13°27	11°50	21°23	n.a.	T 8
W 9	20 52 23	11°14'10	20°29	3° 5	2°48	12°35	17°46	1°22	4°39	10°16	12°39	13°18	11°47	21°29	n.a.	W 9
T 10	20 56 20	12°12'31	5♓32	5° 0	3°58	13° 7	17°59	1°21	4°38	10°17	12°41	13° 9	11°44	21°36	n.a.	T 10
F 11	21 0 16	13°10'53	20°33	6°55	5° 9	13°38	18°12	1°D21	4°37	10°17	12°43	13° 1	11°41	21°43	n.a.	F 11
S 12	21 4 13	14° 9'18	5♈23	8°50	6°19	14° 9	18°25	1°22	4°35	10°17	12°46	12°54	11°37	21°50	n.a.	S 12
S 13	21 8 9	15° 7'45	19°55	10°45	7°30	14°39	18°38	1°22	4°34	10°17	12°48	12°49	11°34	21°56	n.a.	S 13
M14	21 12 6	16° 6'15	4♉ 7	12°39	8°40	15°10	18°51	1°22	4°33	10°17	12°50	12°47	11°31	22° 3	n.a.	M14
T 15	21 16 2	17° 4'47	17°56	14°33	9°51	15°40	19° 4	1°22	4°31	10°18	12°52	12°D46	11°28	22°10	n.a.	T 15
W16	21 19 59	18° 3'21	1♊23	16°26	11° 2	16° 9	19°17	1°23	4°30	10°18	12°54	12°47	11°25	22°16	n.a.	W16
T 17	21 23 56	19° 1'57	14°31	18°18	12°13	16°39	19°30	1°24	4°28	10°18	12°56	12°R47	11°21	22°23	n.a.	T 17
F 18	21 27 52	20° 0'36	27°22	20° 9	13°24	17° 8	19°43	1°24	4°27	10°R18	12°59	12°46	11°18	22°30	n.a.	F 18
S 19	21 31 49	20°59'17	10♋ 0	21°59	14°35	17°37	19°56	1°25	4°25	10°18	13° 1	12°43	11°15	22°37	n.a.	S 19
S 20	21 35 45	21°58'00	22°27	23°49	15°46	18° 5	20° 9	1°26	4°24	10°18	13° 3	12°37	11°12	22°43	n.a.	S 20
M21	21 39 42	22°56'46	4♌44	25°37	16°58	18°33	20°22	1°27	4°22	10°18	13° 5	12°28	11° 9	22°50	n.a.	M21
T 22	21 43 38	23°55'34	16°54	27°25	18° 9	19° 1	20°35	1°28	4°20	10°18	13° 8	12°17	11° 6	22°57	n.a.	T 22
W23	21 47 35	24°54'23	28°57	29°11	19°21	19°29	20°48	1°29	4°19	10°17	13°10	12° 4	11° 2	23° 3	n.a.	W23
T 24	21 51 31	25°53'15	10♍55	0♍57	20°32	19°56	21° 1	1°30	4°17	10°17	13°12	11°50	10°59	23°10	n.a.	T 24
F 25	21 55 28	26°52'09	22°48	2°42	21°44	20°22	21°14	1°32	4°15	10°17	13°14	11°37	10°56	23°17	n.a.	F 25
S 26	21 59 24	27°51'05	4♎38	4°25	22°56	20°49	21°27	1°33	4°13	10°17	13°17	11°26	10°53	23°24	n.a.	S 26
S 27	22 3 21	28°50'02	16°29	6° 8	24° 8	21°15	21°40	1°35	4°11	10°16	13°19	11°16	10°50	23°30	n.a.	S 27
M28	22 7 18	29°49'02	28°22	7°50	25°20	21°40	21°53	1°36	4°10	10°16	13°21	11°10	10°47	23°37	n.a.	M28
T 29	22 11 14	0♍48'04	10♏22	9°30	26°32	22° 6	22° 6	1°38	4° 8	10°16	13°24	11° 6	10°43	23°44	n.a.	T 29
W30	22 15 11	1°47'07	22°33	11°10	27°44	22°31	22°19	1°40	4° 6	10°15	13°26	11° 5	10°40	23°51	n.a.	W30
T 31	22 19 7	2♍46'13	5♐ 0	12♍49	28♋57	22♉55	22♌32	1♐42	4♈ 4	10♉15	13♍28	11♊ 4	10♊37	23♍57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	19n37	9s 4	3n25	23n20	0n53	22n14	1s20	13n 1	1s29	17n13	1n 3	19s29	1n15	1n17	0s42	13n19	1s50	22n20	16n43	22n43	22n32	8n26			n.a.
W 2	19 23	13 52	2 32	23 14	1 3	22 20	1 17	13 13	1 29	17 10	1 3	19 29	1 14	1 17	0 42	13 19	1 50	22 19	16 43	22 43	22 31	8 23			n.a.
T 3	19 9	18 11	1 30	23 6	1 11	22 26	1 13	13 24	1 28	17 6	1 3	19 29	1 14	1 17	0 42	13 19	1 50	22 18	16 43	22 43	22 31	8 21			n.a.
F 4	18 54	21 48	0 22	22 55	1 19	22 32	1 10	13 35	1 27	17 2	1 3	19 29	1 14	1 16	0 42	13 19	1 50	22 17	16 42	22 43	22 30	8 18			n.a.
S 5	18 39	24 21	0s49	22 42	1 26	22 37	1 6	13 46	1 27	16 58	1 3	19 29	1 14	1 16	0 42	13 19	1 50	22 16	16 42	22 43	22 30	8 15			n.a.
S 6	18 24	25 33	2 0	22 26	1 31	22 41	1 3	13 57	1 26	16 54	1 3	19 29	1 14	1 15	0 42	13 19	1 50	22 15	16 42	22 43	22 29	8 12			n.a.
M 7	18 9	25 8	3 6	22 7	1 36	22 45	0 59	14 7	1 25	16 50	1 3	19 29	1 14	1 15	0 42	13 20	1 50	22 14	16 41	22 42	22 29	8 9			n.a.
T 8	17 53	22 59	4 1	21 46	1 40	22 48	0 55	14 18	1 25	16 46	1 3	19 29	1 13	1 14	0 42	13 20	1 51	22 13	16 41	22 41	22 29	8 7			n.a.
W 9	17 37	19 15	4 41	21 23	1 43	22 50	0 52	14 28	1 24	16 42	1 3	19 29	1 13	1 14	0 42	13 20	1 51	22 12	16 41	22 40	22 28	8 4			n.a.
T 10	17 20	14 15	5 1	20 57	1 46	22 52	0 48	14 39	1 23	16 38	1 3	19 29	1 13	1 14	0 42	13 20	1 51	22 10	16 41	22 39	22 28	8 1			n.a.
F 11	17 4	8 24	5 1	20 30	1 47	22 53	0 45	14 49	1 22	16 34	1 4	19 30	1 13	1 13	0 42	13 20	1 51	22 9	16 40	22 38	22 27	7 58			n.a.
S 12	16 47	2 8	4 41	20 0	1 48	22 53	0 41	14 59	1 22	16 30	1 4	19 30	1 13	1 12	0 42	13 20	1 51	22 8	16 40	22 37	22 27	7 55			n.a.
S 13	16 29	4n 8	4 3	19 29	1 48	22 53	0 38	15 8	1 21	16 26	1 4	19 30	1 12	1 12	0 42	13 20	1 51	22 7	16 40	22 36	22 26	7 52			n.a.
M14	16 12	10 3	3 11	18 56	1 48	22 52	0 34	15 18	1 20	16 22	1 4	19 30	1 12	1 11	0 42	13 20	1 51	22 6	16 40	22 36	22 26	7 50			n.a.
T 15	15 54	15 20	2 8	18 22	1 47	22 51	0 30	15 28	1 19	16 18	1 4	19 30	1 12	1 11	0 42	13 20	1 51	22 5	16 40	22 36	22 26	7 47			n.a.
W16	15 36	19 42	1 0	17 47	1 45	22 49	0 27	15 37	1 18	16 14	1 4	19 31	1 12	1 10	0 42	13 20	1 51	22 4	16 39	22 36	22 25	7 44			n.a.
T 17	15 18	22 58	0n 9	17 10	1 43	22 46	0 23	15 46	1 18	16 9	1 4	19 31	1 12	1 10	0 42	13 20	1 51	22 3	16 39	22 36	22 25	7 41			n.a.
F 18	14 59	24 59	1 17	16 32	1 41	22 43	0 20	15 56	1 17	16 5	1 4	19 31	1 11	1 9	0 42	13 20	1 51	22 2	16 39	22 36	22 24	7 38			n.a.
S 19	14 40	25 39	2 19	15 53	1 38	22 39	0 17	16 5	1 16	16 1	1 4	19 32	1 11	1 8	0 42	13 20	1 51	22 1	16 39	22 36	22 24	7 35			n.a.
S 20	14 21	25 1	3 14	15 13	1 34	22 34	0 13	16 13	1 15	15 57	1 4	19 32	1 11	1 8	0 42	13 19	1 51	22 0	16 39	22 35	22 23	7 32			n.a.
M21	14 2	23 10	3 59	14 33	1 30	22 29	0 10	16 22	1 14	15 53	1 4	19 32	1 11	1 7	0 42	13 19	1 51	21 59	16 38	22 34	22 23	7 30			n.a.
T 22	13 42	20 16	4 32	13 52	1 26	22 23	0 6	16 31	1 13	15 49	1 4	19 33	1 11	1 6	0 42	13 19	1 51	21 58	16 38	22 32	22 22	7 27			n.a.
W23	13 23	16 32	4 53	13 10	1 22	22 16	0 3	16 39	1 12	15 45	1 4	19 33	1 10	1 6	0 42	13 19	1 51	21 57	16 38	22 31	22 22	7 24			n.a.
T 24	13 3	12 11	5 0	12 28	1 17	22 8	0n 0	16 47	1 11	15 40	1 4	19 34	1 10	1 5	0 42	13 19	1 51	21 56	16 38	22 29	22 22	7 21			n.a.
F 25	12 42	7 24	4 55	11 45	1 12	22 1	0 4	16 56	1 10	15 36	1 4	19 34	1 10	1 4	0 42	13 19	1 52	21 55	16 38	22 27	22 21	7 18			n.a.
S 26	12 22	2 21	4 37	11 2	1 6	21 52	0 7	17 4	1 9	15 32	1 4	19 35	1 10	1 3	0 42	13 19	1 52	21 54	16 38	22 25	22 21	7 15			n.a.
S 27	12 1	2s46	4 6	10 18	1 1	21 43	0 10	17 12	1 8	15 28	1 4	19 35	1 10	1 3	0 42	13 19	1 52	21 53	16 38	22 24	22 20	7 12			n.a.
M28	11 40	7 50	3 25	9 35	0 55	21 33	0 13	17 19	1 7	15 24	1 4	19 36	1 10	1 2	0 42	13 19	1 52	21 52	16 37	22 23	22 20	7 10			n.a.
T 29	11 19	12 40	2 35	8 51	0 49	21 22	0 16	17 27	1 6	15 20	1 4	19 36	1 9	1 1	0 42	13 18	1 52	21 51	16 37	22 23	22 19	7 7			n.a.
W30	10 58	17 5	1 36	8 7	0 43	21 11	0 20	17 34	1 5	15 15	1 5	19 37	1 9	1 0	0 42	13 18	1 52	21 50	16 37	22 22	22 19	7 4			n.a.
T 31	10n37	20s52	0n32	7n23	0n36	20n59	0n23	17n42	1s 4	15n11	1n 5	19s37	1n 9	0n59	0s42	13n18	1s52	21n49	16n37	22n22	22n18	7n 1			n.a.

Julian Day Number = 1629957.5, Delta T = 03h42m29s
Ecliptic obliquity = 23°43'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°31'39, Lahiri = - 7°24'38 Julian Calendar 1 Aug. 251 BCE == Greg. Calendar 28 July 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

SEPTEMBER 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 23 4	3♍45'20	17♐49	14♍27	0♌ 9	23♉19	22♌45	1♐44	4°R 2	10°R15	13♍31	11°R 4	10♊34	24♍ 4	n.a.	F 1
S 2	22 27 0	4°44'29	1♑ 4	16° 5	1°21	23°43	22°58	1°46	4♈ 0	10♉14	13°33	11♊ 3	10°31	24°11	n.a.	S 2
S 3	22 30 57	5°43'40	14°47	17°41	2°34	24° 6	23°10	1°48	3°58	10°14	13°35	11° 0	10°27	24°17	n.a.	S 3
M 4	22 34 53	6°42'53	29° 1	19°17	3°47	24°29	23°23	1°51	3°55	10°13	13°38	10°54	10°24	24°24	n.a.	M 4
T 5	22 38 50	7°42'08	13♒43	20°52	4°59	24°51	23°36	1°53	3°53	10°12	13°40	10°46	10°21	24°31	n.a.	T 5
W 6	22 42 47	8°41'25	28°48	22°26	6°12	25°13	23°49	1°55	3°51	10°12	13°43	10°36	10°18	24°38	n.a.	W 6
T 7	22 46 43	9°40'44	14♓ 5	23°59	7°25	25°35	24° 2	1°58	3°49	10°11	13°45	10°24	10°15	24°44	n.a.	T 7
F 8	22 50 40	10°40'05	29°24	25°31	8°38	25°56	24°15	2° 1	3°47	10°11	13°47	10°13	10°12	24°51	n.a.	F 8
S 9	22 54 36	11°39'28	14♈33	27° 3	9°51	26°16	24°27	2° 3	3°45	10°10	13°50	10° 4	10° 8	24°58	n.a.	S 9
S 10	22 58 33	12°38'54	29°22	28°34	11° 4	26°36	24°40	2° 6	3°42	10° 9	13°52	9°57	10° 5	25° 4	n.a.	S 10
M11	23 2 29	13°38'22	13♉47	0♎ 4	12°17	26°56	24°53	2° 9	3°40	10° 8	13°54	9°53	10° 2	25°11	n.a.	M11
T 12	23 6 26	14°37'52	27°44	1°34	13°31	27°15	25° 5	2°12	3°38	10° 8	13°57	9°52	9°59	25°18	n.a.	T 12
W13	23 10 22	15°37'25	11♊14	3° 2	14°44	27°33	25°18	2°15	3°35	10° 7	13°59	9°51	9°56	25°25	n.a.	W13
T 14	23 14 19	16°37'01	24°20	4°30	15°57	27°51	25°31	2°19	3°33	10° 6	14° 1	9°51	9°52	25°31	n.a.	T 14
F 15	23 18 15	17°36'38	7♋ 5	5°57	17°11	28° 9	25°43	2°22	3°31	10° 5	14° 4	9°50	9°49	25°38	n.a.	F 15
S 16	23 22 12	18°36'19	19°34	7°24	18°24	28°25	25°56	2°25	3°28	10° 4	14° 6	9°47	9°46	25°45	n.a.	S 16
S 17	23 26 9	19°36'01	1♌50	8°49	19°38	28°42	26° 8	2°29	3°26	10° 3	14° 9	9°41	9°43	25°51	n.a.	S 17
M18	23 30 5	20°35'46	13°57	10°14	20°52	28°57	26°21	2°32	3°24	10° 2	14°11	9°31	9°40	25°58	n.a.	M18
T 19	23 34 2	21°35'33	25°57	11°38	22° 5	29°12	26°33	2°36	3°21	10° 1	14°13	9°20	9°37	26° 5	n.a.	T 19
W20	23 37 58	22°35'22	7♍53	13° 1	23°19	29°27	26°45	2°40	3°19	10° 0	14°16	9° 6	9°33	26°12	n.a.	W20
T 21	23 41 55	23°35'13	19°46	14°23	24°33	29°41	26°58	2°43	3°17	9°59	14°18	8°52	9°30	26°18	n.a.	T 21
F 22	23 45 51	24°35'07	1♎38	15°44	25°47	29°54	27°10	2°47	3°14	9°58	14°20	8°38	9°27	26°25	n.a.	F 22
S 23	23 49 48	25°35'02	13°29	17° 4	27° 1	0♊ 7	27°22	2°51	3°12	9°57	14°23	8°26	9°24	26°32	n.a.	S 23
S 24	23 53 44	26°34'59	25°22	18°22	28°15	0°18	27°34	2°55	3° 9	9°56	14°25	8°16	9°21	26°38	n.a.	S 24
M25	23 57 41	27°34'58	7♏18	19°40	29°29	0°30	27°47	2°59	3° 7	9°55	14°27	8° 9	9°18	26°45	n.a.	M25
T 26	0 1 38	28°35'00	19°21	20°56	0♍43	0°40	27°59	3° 3	3° 4	9°54	14°30	8° 5	9°14	26°52	n.a.	T 26
W27	0 5 34	29°35'03	1♐34	22°11	1°57	0°50	28°11	3° 8	3° 2	9°52	14°32	8° 3	9°11	26°59	n.a.	W27
T 28	0 9 31	0♎35'07	14° 0	23°24	3°12	0°59	28°23	3°12	2°59	9°51	14°34	8°D 3	9° 8	27° 5	n.a.	T 28
F 29	0 13 27	1°35'14	26°45	24°36	4°26	1° 8	28°35	3°16	2°57	9°50	14°37	8°R 3	9° 5	27°12	n.a.	F 29
S 30	0 17 24	2♎35'22	9♑53	25♎45	5♍40	1♊16	28♌46	3♐21	2♈54	9♉49	14♍39	8♊ 3	9♊ 2	27♍19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n15	23s45	0s36	6n39	0n30	20n47	0n26	17n49	1s 3	15n 7	1n 5	19s38	1n 9	0n59	0s42	13n18	1s52	21n48	16n37	22n22	22n18	6n58		n.a.
S 2	9 53	25 27	1 44	5 55	0 23	20 34	0 29	17 56	1 2	15 3	1 5	19 39	1 9	0 58	0 42	13 18	1 52	21 47	16 37	22 22	22 17	6 55		n.a.
S 3	9 31	25 41	2 48	5 10	0 16	20 20	0 32	18 3	1 0	14 59	1 5	19 39	1 8	0 57	0 42	13 17	1 52	21 46	16 37	22 22	22 17	6 52		n.a.
M 4	9 9	24 15	3 44	4 26	0 10	20 6	0 34	18 10	0 59	14 54	1 5	19 40	1 8	0 56	0 42	13 17	1 52	21 45	16 37	22 21	22 17	6 49		n.a.
T 5	8 47	21 10	4 28	3 42	0 3	19 51	0 37	18 16	0 58	14 50	1 5	19 41	1 8	0 55	0 42	13 17	1 52	21 44	16 37	22 20	22 16	6 46		n.a.
W 6	8 24	16 37	4 54	2 58	0s 4	19 35	0 40	18 23	0 57	14 46	1 5	19 41	1 8	0 54	0 42	13 17	1 52	21 43	16 37	22 18	22 16	6 44		n.a.
T 7	8 2	10 56	4 59	2 15	0 11	19 19	0 43	18 29	0 56	14 42	1 5	19 42	1 8	0 53	0 42	13 16	1 52	21 42	16 37	22 17	22 15	6 41		n.a.
F 8	7 39	4 34	4 44	1 31	0 18	19 3	0 45	18 35	0 54	14 37	1 5	19 43	1 8	0 53	0 42	13 16	1 52	21 41	16 37	22 15	22 15	6 38		n.a.
S 9	7 16	2n 0	4 8	0 48	0 25	18 46	0 48	18 41	0 53	14 33	1 5	19 43	1 7	0 52	0 42	13 16	1 52	21 40	16 37	22 14	22 14	6 35		n.a.
S 10	6 54	8 20	3 16	0 5	0 32	18 28	0 50	18 47	0 52	14 29	1 5	19 44	1 7	0 51	0 42	13 16	1 52	21 39	16 37	22 13	22 14	6 32		n.a.
M11	6 30	14 3	2 13	0s38	0 40	18 10	0 53	18 53	0 50	14 25	1 6	19 45	1 7	0 50	0 42	13 15	1 52	21 38	16 37	22 12	22 13	6 29		n.a.
T 12	6 7	18 52	1 4	1 20	0 47	17 51	0 55	18 59	0 49	14 21	1 6	19 46	1 7	0 49	0 42	13 15	1 52	21 37	16 37	22 12	22 13	6 26		n.a.
W13	5 44	22 31	0n 7	2 2	0 54	17 32	0 58	19 5	0 48	14 16	1 6	19 46	1 7	0 48	0 42	13 15	1 53	21 36	16 37	22 12	22 12	6 23		n.a.
T 14	5 21	24 52	1 16	2 44	1 1	17 12	1 0	19 10	0 46	14 12	1 6	19 47	1 6	0 47	0 42	13 14	1 53	21 35	16 37	22 12	22 12	6 20		n.a.
F 15	4 57	25 50	2 19	3 26	1 8	16 52	1 2	19 16	0 45	14 8	1 6	19 48	1 6	0 46	0 42	13 14	1 53	21 34	16 37	22 12	22 11	6 17		n.a.
S 16	4 34	25 28	3 13	4 6	1 15	16 31	1 4	19 21	0 43	14 4	1 6	19 49	1 6	0 45	0 42	13 14	1 53	21 33	16 37	22 11	22 11	6 14		n.a.
S 17	4 10	23 51	3 58	4 47	1 21	16 9	1 6	19 26	0 42	14 0	1 6	19 50	1 6	0 44	0 42	13 14	1 53	21 32	16 37	22 10	22 10	6 11		n.a.
M18	3 46	21 10	4 31	5 27	1 28	15 48	1 9	19 31	0 40	13 55	1 6	19 51	1 6	0 43	0 42	13 13	1 53	21 32	16 37	22 9	22 10	6 9		n.a.
T 19	3 22	17 35	4 52	6 6	1 35	15 25	1 10	19 36	0 39	13 51	1 6	19 51	1 6	0 42	0 42	13 13	1 53	21 31	16 37	22 7	22 9	6 6		n.a.
W20	2 59	13 20	5 0	6 45	1 41	15 3	1 12	19 40	0 37	13 47	1 7	19 52	1 5	0 41	0 42	13 12	1 53	21 30	16 37	22 5	22 9	6 3		n.a.
T 21	2 35	8 36	4 55	7 23	1 48	14 40	1 14	19 45	0 35	13 43	1 7	19 53	1 5	0 40	0 42	13 12	1 53	21 29	16 37	22 3	22 9	6 0		n.a.
F 22	2 11	3 34	4 37	8 1	1 54	14 16	1 16	19 49	0 34	13 39	1 7	19 54	1 5	0 39	0 42	13 12	1 53	21 28	16 38	22 0	22 8	5 57		n.a.
S 23	1 47	1s36	4 7	8 37	2 0	13 52	1 18	19 54	0 32	13 35	1 7	19 55	1 5	0 38	0 42	13 11	1 53	21 27	16 38	21 58	22 8	5 54		n.a.
S 24	1 22	6 44	3 26	9 13	2 6	13 28	1 19	19 58	0 30	13 30	1 7	19 56	1 5	0 37	0 42	13 11	1 53	21 27	16 38	21 57	22 7	5 51		n.a.
M25	0 58	11 40	2 35	9 48	2 12	13 3	1 21	20 2	0 29	13 26	1 7	19 57	1 5	0 36	0 42	13 11	1 53	21 26	16 38	21 56	22 7	5 48		n.a.
T 26	0 34	16 13	1 38	10 23	2 17	12 38	1 22	20 6	0 27	13 22	1 7	19 58	1 4	0 35	0 42	13 10	1 53	21 25	16 38	21 55	22 6	5 45		n.a.
W27	0 10	20 10	0 34	10 56	2 22	12 12	1 24	20 10	0 25	13 18	1 7	19 59	1 4	0 34	0 42	13 10	1 53	21 24	16 38	21 55	22 6	5 42		n.a.
T 28	0s14	23 17	0s32	11 28	2 27	11 46	1 25	20 14	0 23	13 14	1 8	20 0	1 4	0 33	0 42	13 9	1 53	21 23	16 38	21 55	22 5	5 39		n.a.
F 29	0 38	25 19	1 38	11 59	2 32	11 20	1 26	20 17	0 21	13 10	1 8	20 1	1 4	0 32	0 42	13 9	1 53	21 23	16 39	21 55	22 5	5 36		n.a.
S 30	1s 2	26s 2	2s41	12s29	2s36	10n54	1n27	20n21	0s19	13n 6	1n 8	20s 2	1n 4	0n31	0s42	13n 8	1s53	21n22	16n39	21n55	22n 4	5n33		n.a.

Julian Day Number = 1629988.5, Delta T = 03h42m28s
Ecliptic obliquity = 23°43'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°31'34, Lahiri = - 7°24'34 Julian Calendar 1 Sept. 251 BCE == Greg. Calendar 28 Aug. 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

OCTOBER 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 21 20	3♎35'32	23♉27	26♎53	6♍55	1♊23	28♌58	3♐26	2°R52	9°R47	14♍41	8°R 1	8♊58	27♍26	n.a.	S 1
M 2	0 25 17	4°35'43	7♒30	27°58	8° 9	1°29	29°10	3°30	2♈49	9♉46	14°43	7♊57	8°55	27°32	n.a.	M 2
T 3	0 29 13	5°35'56	22° 2	29° 1	9°24	1°34	29°22	3°35	2°47	9°45	14°46	7°51	8°52	27°39	n.a.	T 3
W 4	0 33 10	6°36'10	6♓58	0♏ 0	10°38	1°39	29°33	3°40	2°45	9°43	14°48	7°43	8°49	27°46	n.a.	W 4
T 5	0 37 7	7°36'27	22°11	0°57	11°53	1°43	29°45	3°44	2°42	9°42	14°50	7°33	8°46	27°52	n.a.	T 5
F 6	0 41 3	8°36'45	7♈31	1°50	13° 7	1°46	29°56	3°49	2°40	9°41	14°52	7°24	8°43	27°59	n.a.	F 6
S 7	0 45 0	9°37'04	22°46	2°38	14°22	1°48	0♍ 8	3°54	2°37	9°39	14°55	7°16	8°39	28° 6	n.a.	S 7
S 8	0 48 56	10°37'26	7♉46	3°23	15°37	1°50	0°19	3°59	2°35	9°38	14°57	7°11	8°36	28°13	n.a.	S 8
M 9	0 52 53	11°37'50	22°23	4° 2	16°51	1°R51	0°31	4° 5	2°32	9°36	14°59	7° 7	8°33	28°19	n.a.	M 9
T 10	0 56 49	12°38'15	6♊32	4°36	18° 6	1°50	0°42	4°10	2°30	9°35	15° 1	7°D 6	8°30	28°26	n.a.	T 10
W11	1 0 46	13°38'43	20°12	5° 3	19°21	1°49	0°53	4°15	2°27	9°33	15° 3	7° 7	8°27	28°33	n.a.	W11
T 12	1 4 42	14°39'13	3♋24	5°23	20°36	1°48	1° 4	4°20	2°25	9°32	15° 5	7° 8	8°24	28°39	n.a.	T 12
F 13	1 8 39	15°39'45	16°13	5°36	21°51	1°45	1°15	4°26	2°23	9°30	15° 8	7°R 9	8°20	28°46	n.a.	F 13
S 14	1 12 36	16°40'18	28°41	5°R41	23° 6	1°41	1°26	4°31	2°20	9°29	15°10	7° 8	8°17	28°53	n.a.	S 14
S 15	1 16 32	17°40'54	10♌54	5°36	24°21	1°37	1°37	4°36	2°18	9°27	15°12	7° 5	8°14	29° 0	n.a.	S 15
M16	1 20 29	18°41'31	22°57	5°22	25°36	1°32	1°48	4°42	2°16	9°26	15°14	7° 0	8°11	29° 6	n.a.	M16
T 17	1 24 25	19°42'10	4♍52	4°57	26°51	1°26	1°58	4°48	2°13	9°24	15°16	6°52	8° 8	29°13	n.a.	T 17
W18	1 28 22	20°42'51	16°44	4°22	28° 6	1°18	2° 9	4°53	2°11	9°23	15°18	6°44	8° 4	29°20	n.a.	W18
T 19	1 32 18	21°43'34	28°35	3°37	29°21	1°11	2°19	4°59	2° 9	9°21	15°20	6°35	8° 1	29°26	n.a.	T 19
F 20	1 36 15	22°44'18	10♎28	2°42	0♎36	1° 2	2°30	5° 5	2° 6	9°19	15°22	6°26	7°58	29°33	n.a.	F 20
S 21	1 40 11	23°45'03	22°23	1°38	1°51	0°52	2°40	5°11	2° 4	9°18	15°24	6°18	7°55	29°40	n.a.	S 21
S 22	1 44 8	24°45'50	4♏23	0°26	3° 6	0°42	2°50	5°16	2° 2	9°16	15°26	6°11	7°52	29°47	n.a.	S 22
M23	1 48 4	25°46'39	16°28	29♎ 9	4°21	0°30	3° 1	5°22	2° 0	9°14	15°28	6° 7	7°49	29°53	n.a.	M23
T 24	1 52 1	26°47'29	28°41	27°47	5°37	0°18	3°11	5°28	1°57	9°13	15°30	6° 5	7°45	29°59	n.a.	T 24
W25	1 55 58	27°48'20	11♐ 4	26°26	6°52	0° 5	3°21	5°34	1°55	9°11	15°32	6°D 5	7°42	0♎ 7	n.a.	W25
T 26	1 59 54	28°49'12	23°39	25° 6	8° 7	29♉51	3°30	5°40	1°53	9°10	15°34	6° 6	7°39	0°13	n.a.	T 26
F 27	2 3 51	29°50'06	6♉29	23°50	9°22	29°36	3°40	5°47	1°51	9° 8	15°35	6° 8	7°36	0°20	n.a.	F 27
S 28	2 7 47	0♏51'00	19°36	22°42	10°38	29°21	3°50	5°53	1°49	9° 6	15°37	6° 9	7°33	0°27	n.a.	S 28
S 29	2 11 44	1°51'56	3♒ 5	21°42	11°53	29° 5	3°59	5°59	1°47	9° 4	15°39	6°R10	7°29	0°34	n.a.	S 29
M30	2 15 40	2°52'52	16°57	20°53	13° 8	28°48	4° 9	6° 5	1°45	9° 3	15°41	6° 9	7°26	0°40	n.a.	M30
T 31	2 19 37	3♏53'49	1♓11	20♎15	14♎24	28♉30	4♍18	6♐11	1♈43	9♉ 1	15♍43	6♊ 7	7♊23	0♎47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	1s27	25s14	3s37	12s57	2s40	10n27	1n28	20n24	0s17	13n 2	1n 8	20s 3	1n 4	0n30	0s42	13n 8	1s53	21n21	16n39	21n55	22n 4	5n30			n.a.
M 2	1 51	22 50	4 22	13 24	2 43	10 0	1 29	20 27	0 15	12 58	1 8	20 4	1 3	0 29	0 42	13 8	1 53	21 20	16 39	21 54	22 3	5 27			n.a.
T 3	2 15	18 56	4 53	13 50	2 46	9 32	1 30	20 30	0 13	12 54	1 8	20 5	1 3	0 28	0 42	13 7	1 53	21 20	16 39	21 53	22 3	5 24			n.a.
W 4	2 39	13 45	5 4	14 14	2 48	9 4	1 31	20 33	0 11	12 50	1 8	20 6	1 3	0 27	0 42	13 7	1 53	21 19	16 40	21 51	22 2	5 21			n.a.
T 5	3 3	7 38	4 54	14 35	2 50	8 36	1 32	20 36	0 9	12 46	1 9	20 7	1 3	0 26	0 42	13 6	1 53	21 18	16 40	21 50	22 2	5 18			n.a.
F 6	3 27	1 1	4 23	14 55	2 51	8 8	1 33	20 39	0 7	12 42	1 9	20 8	1 3	0 26	0 42	13 6	1 53	21 18	16 40	21 48	22 1	5 15			n.a.
S 7	3 51	5n39	3 34	15 13	2 52	7 40	1 33	20 41	0 5	12 38	1 9	20 9	1 3	0 25	0 42	13 5	1 53	21 17	16 40	21 47	22 1	5 12			n.a.
S 8	4 15	11 54	2 30	15 28	2 51	7 11	1 34	20 44	0 3	12 34	1 9	20 11	1 3	0 24	0 42	13 5	1 54	21 16	16 40	21 46	22 0	5 10			n.a.
M 9	4 39	17 20	1 18	15 40	2 50	6 42	1 35	20 46	0 1	12 30	1 9	20 12	1 2	0 23	0 42	13 4	1 54	21 16	16 41	21 46	22 0	5 7			n.a.
T 10	5 3	21 37	0 3	15 50	2 48	6 13	1 35	20 48	0n 2	12 26	1 9	20 13	1 2	0 22	0 42	13 4	1 54	21 15	16 41	21 45	21 59	5 4			n.a.
W11	5 27	24 31	1n10	15 56	2 44	5 43	1 35	20 50	0 4	12 22	1 10	20 14	1 2	0 21	0 42	13 3	1 54	21 14	16 41	21 46	21 59	5 1			n.a.
T 12	5 51	25 57	2 16	15 59	2 40	5 14	1 36	20 52	0 6	12 19	1 10	20 15	1 2	0 20	0 42	13 3	1 54	21 14	16 42	21 46	21 58	4 58			n.a.
F 13	6 14	25 56	3 14	15 58	2 34	4 44	1 36	20 54	0 9	12 15	1 10	20 16	1 2	0 19	0 42	13 2	1 54	21 13	16 42	21 46	21 58	4 55			n.a.
S 14	6 38	24 36	4 1	15 52	2 27	4 14	1 36	20 56	0 11	12 11	1 10	20 17	1 2	0 18	0 42	13 2	1 54	21 13	16 42	21 46	21 57	4 52			n.a.
S 15	7 1	22 7	4 36	15 43	2 18	3 44	1 36	20 57	0 13	12 7	1 10	20 18	1 2	0 17	0 42	13 1	1 54	21 12	16 42	21 45	21 57	4 49			n.a.
M16	7 25	18 43	4 58	15 28	2 8	3 14	1 36	20 58	0 16	12 3	1 10	20 20	1 1	0 16	0 42	13 1	1 54	21 12	16 43	21 44	21 56	4 46			n.a.
T 17	7 48	14 35	5 7	15 8	1 56	2 44	1 36	21 0	0 18	12 0	1 11	20 21	1 1	0 15	0 42	13 0	1 54	21 11	16 43	21 43	21 56	4 43			n.a.
W18	8 11	9 56	5 3	14 44	1 42	2 13	1 36	21 1	0 21	11 56	1 11	20 22	1 1	0 14	0 42	13 0	1 54	21 11	16 43	21 42	21 55	4 40			n.a.
T 19	8 34	4 55	4 45	14 14	1 26	1 43	1 35	21 1	0 23	11 52	1 11	20 23	1 1	0 13	0 42	12 59	1 54	21 10	16 44	21 40	21 55	4 37			n.a.
F 20	8 57	0s17	4 15	13 38	1 9	1 13	1 35	21 2	0 26	11 49	1 11	20 24	1 1	0 12	0 42	12 59	1 54	21 10	16 44	21 38	21 54	4 34			n.a.
S 21	9 20	5 30	3 34	12 59	0 51	0 42	1 35	21 3	0 29	11 45	1 11	20 25	1 1	0 11	0 42	12 58	1 54	21 9	16 44	21 37	21 53	4 31			n.a.
S 22	9 42	10 34	2 43	12 15	0 31	0 11	1 34	21 3	0 31	11 42	1 12	20 27	1 1	0 11	0 42	12 58	1 54	21 9	16 45	21 36	21 53	4 28			n.a.
M23	10 5	15 18	1 45	11 28	0 11	0s19	1 34	21 3	0 34	11 38	1 12	20 28	1 1	0 10	0 42	12 57	1 54	21 8	16 45	21 35	21 52	4 25			n.a.
T 24	10 27	19 27	0 40	10 40	0n10	0 50	1 33	21 3	0 36	11 35	1 12	20 29	1 0	0 9	0 42	12 56	1 54	21 8	16 46	21 35	21 52	4 22			n.a.
W25	10 49	22 49	0s27	9 51	0 30	1 21	1 32	21 3	0 39	11 31	1 12	20 30	1 0	0 8	0 42	12 56	1 54	21 7	16 46	21 35	21 51	4 19			n.a.
T 26	11 11	25 8	1 34	9 3	0 50	1 51	1 32	21 2	0 42	11 28	1 12	20 31	1 0	0 7	0 42	12 55	1 54	21 7	16 46	21 35	21 51	4 16			n.a.
F 27	11 33	26 12	2 38	8 18	1 9	2 22	1 31	21 2	0 44	11 24	1 13	20 33	1 0	0 6	0 42	12 55	1 54	21 7	16 47	21 35	21 50	4 13			n.a.
S 28	11 54	25 49	3 35	7 36	1 26	2 53	1 30	21 1	0 47	11 21	1 13	20 34	1 0	0 5	0 42	12 54	1 54	21 6	16 47	21 36	21 50	4 10			n.a.
S 29	12 16	23 57	4 22	6 59	1 42	3 23	1 29	21 0	0 50	11 18	1 13	20 35	1 0	0 5	0 42	12 54	1 54	21 6	16 48	21 36	21 49	4 7			n.a.
M30	12 37	20 37	4 55	6 28	1 55	3 54	1 28	20 59	0 53	11 14	1 13	20 36	1 0	0 4	0 42	12 53	1 54	21 6	16 48	21 36	21 49	4 4			n.a.
T 31	12s58	16s 1	5s11	6s 3	2n 7	4s24	1n27	20n58	0n55	11n11	1n13	20s37	1n 0	0n 3	0s42	12n53	1s54	21n 5	16n48	21n35	21n48	4n 1			n.a.

Julian Day Number = 1630018.5, Delta T = 03h42m27s
Ecliptic obliquity = 23°43'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°31'30, Lahiri = - 7°24'30 Julian Calendar 1 Oct. 251 BCE == Greg. Calendar 27 Sept. 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

NOVEMBER 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 23 33	4♏54'47	15♓47	19°R49	15♎39	28°R12	4♍27	6♐18	1°R41	8°R59	15♍44	6°R 3	7♊20	0♎54	n.a.	W 1
T 2	2 27 30	5°55'45	0♈40	19♎34	16°54	27♉53	4°37	6°24	1♈39	8♉58	15°46	5♊59	7°17	1° 0	n.a.	T 2
F 3	2 31 27	6°56'45	15°42	19°D30	18°10	27°34	4°46	6°31	1°37	8°56	15°48	5°54	7°14	1° 7	n.a.	F 3
S 4	2 35 23	7°57'45	0♉44	19°37	19°25	27°13	4°54	6°37	1°35	8°54	15°49	5°50	7°10	1°14	n.a.	S 4
S 5	2 39 20	8°58'47	15°38	19°53	20°40	26°53	5° 3	6°43	1°33	8°53	15°51	5°48	7° 7	1°20	n.a.	S 5
M 6	2 43 16	9°59'49	0♊15	20°18	21°56	26°32	5°12	6°50	1°32	8°51	15°53	5°D47	7° 4	1°27	n.a.	M 6
T 7	2 47 13	11° 0'53	14°29	20°51	23°11	26°10	5°20	6°56	1°30	8°49	15°54	5°47	7° 1	1°34	n.a.	T 7
W 8	2 51 9	12° 1'58	28°16	21°32	24°27	25°48	5°29	7° 3	1°28	8°47	15°56	5°48	6°58	1°41	n.a.	W 8
T 9	2 55 6	13° 3'04	11♋37	22°18	25°42	25°26	5°37	7°10	1°27	8°46	15°57	5°49	6°55	1°47	n.a.	T 9
F 10	2 59 3	14° 4'10	24°33	23°11	26°57	25° 3	5°45	7°16	1°25	8°44	15°59	5°51	6°51	1°54	n.a.	F 10
S 11	3 2 59	15° 5'18	7♌ 7	24° 8	28°13	24°40	5°53	7°23	1°23	8°42	16° 0	5°52	6°48	2° 1	n.a.	S 11
S 12	3 6 56	16° 6'27	19°24	25° 9	29°28	24°17	6° 1	7°30	1°22	8°41	16° 2	5°R52	6°45	2° 7	n.a.	S 12
M13	3 10 52	17° 7'37	1♍27	26°15	0♏44	23°53	6° 9	7°36	1°20	8°39	16° 3	5°51	6°42	2°14	n.a.	M13
T 14	3 14 49	18° 8'48	13°22	27°23	1°59	23°29	6°17	7°43	1°19	8°37	16° 4	5°50	6°39	2°21	n.a.	T 14
W15	3 18 45	19° 9'59	25°13	28°34	3°15	23° 6	6°24	7°50	1°17	8°36	16° 6	5°47	6°35	2°28	n.a.	W15
T 16	3 22 42	20°11'12	7♎ 4	29°48	4°30	22°42	6°32	7°57	1°16	8°34	16° 7	5°45	6°32	2°34	n.a.	T 16
F 17	3 26 38	21°12'25	18°59	1♏ 4	5°46	22°18	6°39	8° 4	1°14	8°32	16° 8	5°42	6°29	2°41	n.a.	F 17
S 18	3 30 35	22°13'38	0♏59	2°22	7° 1	21°54	6°46	8°10	1°13	8°31	16°10	5°40	6°26	2°48	n.a.	S 18
S 19	3 34 32	23°14'53	13° 7	3°42	8°17	21°31	6°53	8°17	1°12	8°29	16°11	5°39	6°23	2°54	n.a.	S 19
M20	3 38 28	24°16'08	25°26	5° 2	9°32	21° 7	7° 0	8°24	1°11	8°27	16°12	5°38	6°20	3° 1	n.a.	M20
T 21	3 42 25	25°17'23	7♐55	6°25	10°48	20°44	7° 6	8°31	1°10	8°26	16°13	5°D38	6°16	3° 8	n.a.	T 21
W22	3 46 21	26°18'39	20°36	7°48	12° 3	20°21	7°13	8°38	1° 8	8°24	16°14	5°38	6°13	3°15	n.a.	W22
T 23	3 50 18	27°19'55	3♑30	9°12	13°19	19°58	7°19	8°45	1° 7	8°23	16°15	5°39	6°10	3°21	n.a.	T 23
F 24	3 54 14	28°21'11	16°37	10°37	14°34	19°36	7°26	8°52	1° 6	8°21	16°16	5°39	6° 7	3°28	n.a.	F 24
S 25	3 58 11	29°22'27	29°58	12° 3	15°50	19°14	7°32	8°59	1° 5	8°19	16°17	5°40	6° 4	3°35	n.a.	S 25
S 26	4 2 7	0♐23'42	13♒33	13°30	17° 5	18°52	7°37	9° 6	1° 4	8°18	16°18	5°41	6° 1	3°41	n.a.	S 26
M27	4 6 4	1°24'58	27°23	14°57	18°21	18°31	7°43	9°13	1° 3	8°16	16°19	5°R41	5°57	3°48	n.a.	M27
T 28	4 10 1	2°26'14	11♓27	16°25	19°36	18°10	7°49	9°20	1° 3	8°15	16°20	5°41	5°54	3°55	n.a.	T 28
W29	4 13 57	3°27'29	25°44	17°54	20°52	17°50	7°54	9°27	1° 2	8°13	16°21	5°41	5°51	4° 2	n.a.	W29
T 30	4 17 54	4♐28'44	10♈11	19♏23	22♏ 7	17♉31	8♍ 0	9♐34	1♈ 1	8♉12	16♍22	5♊40	5♊48	4♎ 8	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s19	10s23	5s 8	5s44	2n16	4s55	1n26	20n56	0n58	11n 8	1n14	20s39	0n59	0n 2	0s42	12n52	1s54	21n 5	16n49	21n35	21n48	3n58		n.a.
T 2	13 39	4 4	4 44	5 32	2 24	5 25	1 25	20 55	1 1	11 5	1 14	20 40	0 59	0 2	0 42	12 52	1 54	21 5	16 49	21 34	21 47	3 55		n.a.
F 3	14 0	2n33	4 1	5 25	2 30	5 55	1 23	20 53	1 3	11 2	1 14	20 41	0 59	0 1	0 42	12 51	1 54	21 4	16 50	21 33	21 47	3 52		n.a.
S 4	14 20	9 3	3 0	5 24	2 33	6 25	1 22	20 51	1 6	10 58	1 14	20 42	0 59	0 0	0 42	12 50	1 54	21 4	16 50	21 32	21 46	3 48		n.a.
S 5	14 40	14 59	1 48	5 28	2 36	6 55	1 21	20 49	1 9	10 55	1 14	20 43	0 59	0s 1	0 42	12 50	1 54	21 4	16 51	21 32	21 46	3 45		n.a.
M 6	14 59	19 57	0 30	5 37	2 37	7 25	1 19	20 46	1 12	10 52	1 15	20 45	0 59	0 1	0 42	12 49	1 54	21 4	16 51	21 32	21 45	3 42		n.a.
T 7	15 19	23 36	0n48	5 50	2 36	7 55	1 18	20 44	1 14	10 49	1 15	20 46	0 59	0 2	0 42	12 49	1 54	21 3	16 52	21 32	21 45	3 39		n.a.
W 8	15 38	25 44	2 1	6 6	2 35	8 24	1 16	20 41	1 17	10 47	1 15	20 47	0 59	0 3	0 42	12 48	1 54	21 3	16 52	21 32	21 44	3 36		n.a.
T 9	15 57	26 17	3 5	6 26	2 33	8 53	1 15	20 38	1 20	10 44	1 15	20 48	0 59	0 3	0 42	12 48	1 54	21 3	16 53	21 32	21 43	3 33		n.a.
F 10	16 15	25 21	3 57	6 48	2 29	9 22	1 13	20 35	1 22	10 41	1 16	20 49	0 58	0 4	0 42	12 47	1 54	21 3	16 53	21 32	21 43	3 30		n.a.
S 11	16 33	23 10	4 37	7 13	2 25	9 51	1 12	20 32	1 25	10 38	1 16	20 51	0 58	0 5	0 42	12 47	1 54	21 3	16 53	21 33	21 42	3 27		n.a.
S 12	16 51	19 57	5 2	7 40	2 21	10 20	1 10	20 28	1 27	10 35	1 16	20 52	0 58	0 5	0 41	12 46	1 54	21 3	16 54	21 33	21 42	3 24		n.a.
M13	17 9	15 58	5 14	8 9	2 16	10 48	1 8	20 25	1 30	10 33	1 16	20 53	0 58	0 6	0 41	12 46	1 54	21 3	16 54	21 32	21 41	3 21		n.a.
T 14	17 26	11 25	5 13	8 39	2 10	11 16	1 6	20 21	1 32	10 30	1 17	20 54	0 58	0 6	0 41	12 45	1 54	21 2	16 55	21 32	21 41	3 18		n.a.
W15	17 43	6 28	4 58	9 10	2 4	11 44	1 4	20 18	1 35	10 27	1 17	20 55	0 58	0 7	0 41	12 45	1 54	21 2	16 56	21 32	21 40	3 15		n.a.
T 16	18 0	1 17	4 30	9 42	1 58	12 12	1 2	20 14	1 37	10 25	1 17	20 57	0 58	0 7	0 41	12 44	1 54	21 2	16 56	21 31	21 40	3 12		n.a.
F 17	18 17	3s58	3 50	10 15	1 51	12 39	1 1	20 10	1 39	10 22	1 17	20 58	0 58	0 8	0 41	12 44	1 54	21 2	16 57	21 31	21 39	3 9		n.a.
S 18	18 33	9 9	3 0	10 48	1 45	13 6	0 59	20 6	1 42	10 20	1 18	20 59	0 58	0 8	0 41	12 43	1 54	21 2	16 57	21 31	21 39	3 6		n.a.
S 19	18 48	14 2	2 1	11 22	1 38	13 33	0 57	20 1	1 44	10 18	1 18	21 0	0 58	0 9	0 41	12 43	1 54	21 2	16 58	21 30	21 38	3 3		n.a.
M20	19 4	18 26	0 56	11 56	1 31	13 59	0 54	19 57	1 46	10 15	1 18	21 1	0 58	0 9	0 41	12 42	1 54	21 2	16 58	21 30	21 37	3 0		n.a.
T 21	19 19	22 6	0s13	12 30	1 23	14 25	0 52	19 53	1 48	10 13	1 18	21 3	0 57	0 10	0 41	12 42	1 54	21 2	16 59	21 30	21 37	2 57		n.a.
W22	19 34	24 45	1 22	13 5	1 16	14 50	0 50	19 49	1 50	10 11	1 19	21 4	0 57	0 10	0 41	12 41	1 54	21 2	16 59	21 30	21 36	2 54		n.a.
T 23	19 48	26 9	2 28	13 39	1 9	15 15	0 48	19 44	1 52	10 9	1 19	21 5	0 57	0 11	0 41	12 41	1 54	21 2	17 0	21 30	21 36	2 51		n.a.
F 24	20 2	26 7	3 28	14 13	1 1	15 40	0 46	19 40	1 54	10 7	1 19	21 6	0 57	0 11	0 41	12 40	1 54	21 3	17 0	21 30	21 35	2 48		n.a.
S 25	20 15	24 36	4 18	14 47	0 54	16 5	0 44	19 36	1 56	10 5	1 19	21 7	0 57	0 11	0 41	12 40	1 53	21 3	17 1	21 30	21 35	2 45		n.a.
S 26	20 29	21 38	4 54	15 21	0 46	16 29	0 41	19 31	1 58	10 3	1 20	21 8	0 57	0 12	0 41	12 39	1 53	21 3	17 1	21 31	21 34	2 41		n.a.
M27	20 41	17 26	5 14	15 54	0 39	16 52	0 39	19 27	1 59	10 1	1 20	21 10	0 57	0 12	0 41	12 39	1 53	21 3	17 2	21 31	21 34	2 38		n.a.
T 28	20 54	12 12	5 16	16 27	0 32	17 15	0 37	19 23	2 1	9 59	1 20	21 11	0 57	0 12	0 41	12 38	1 53	21 3	17 3	21 31	21 33	2 35		n.a.
W29	21 6	6 16	4 58	16 59	0 24	17 38	0 35	19 19	2 2	9 57	1 21	21 12	0 57	0 13	0 41	12 38	1 53	21 3	17 3	21 31	21 32	2 32		n.a.
T 30	21s17	0n 4	4s22	17s31	0n17	18s 0	0n32	19n14	2n 4	9n55	1n21	21s13	0n57	0s13	0s41	12n37	1s53	21n 3	17n 4	21n31	21n32	2n29		n.a.

Julian Day Number = 1630049.5, Delta T = 03h42m26s
Ecliptic obliquity = 23°43'36, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°31'26, Lahiri = - 7°24'26 Julian Calendar 1 Nov. 251 BCE == Greg. Calendar 28 Oct. 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 251 BCE
geocentric

DECEMBER 251 BCE (-250) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 21 50	5♐29'58	24♈44	20♏52	23♏23	17°R12	8♍ 5	9♐41	1°R 0	8°R10	16♍23	5°D40	5♊45	4♎15	n.a.	F 1
S 2	4 25 47	6°31'13	9♉19	22°22	24°38	16♉54	8°10	9°48	1♈ 0	8♉ 9	16°24	5♊40	5°41	4°22	n.a.	S 2
S 3	4 29 43	7°32'27	23°50	23°52	25°53	16°36	8°14	9°55	0°59	8° 7	16°24	5°41	5°38	4°28	n.a.	S 3
M 4	4 33 40	8°33'41	8♊ 9	25°23	27° 9	16°20	8°19	10° 2	0°59	8° 6	16°25	5°R41	5°35	4°35	n.a.	M 4
T 5	4 37 37	9°34'55	22°13	26°54	28°24	16° 3	8°23	10° 9	0°58	8° 5	16°26	5°40	5°32	4°42	n.a.	T 5
W 6	4 41 33	10°36'09	5♋58	28°25	29°40	15°48	8°28	10°16	0°58	8° 3	16°26	5°40	5°29	4°48	n.a.	W 6
T 7	4 45 30	11°37'23	19°20	29°57	0♐55	15°33	8°32	10°23	0°57	8° 2	16°27	5°39	5°26	4°55	n.a.	T 7
F 8	4 49 26	12°38'37	2♌20	1♐29	2°11	15°19	8°36	10°30	0°57	8° 0	16°28	5°39	5°22	5° 2	n.a.	F 8
S 9	4 53 23	13°39'50	14°59	3° 2	3°26	15° 6	8°40	10°37	0°57	7°59	16°28	5°38	5°19	5° 9	n.a.	S 9
S 10	4 57 19	14°41'03	27°20	4°35	4°41	14°54	8°43	10°44	0°56	7°58	16°29	5°37	5°16	5°15	n.a.	S 10
M11	5 1 16	15°42'17	9♍27	6° 9	5°57	14°42	8°47	10°51	0°56	7°57	16°29	5°36	5°13	5°22	n.a.	M11
T 12	5 5 12	16°43'29	21°23	7°43	7°12	14°32	8°50	10°59	0°56	7°55	16°30	5°D36	5°10	5°29	n.a.	T 12
W13	5 9 9	17°44'42	3♎15	9°17	8°28	14°22	8°53	11° 6	0°56	7°54	16°30	5°37	5° 7	5°35	n.a.	W13
T 14	5 13 6	18°45'55	15° 6	10°52	9°43	14°12	8°56	11°13	0°D56	7°53	16°30	5°38	5° 3	5°42	n.a.	T 14
F 15	5 17 2	19°47'07	27° 2	12°28	10°59	14° 4	8°58	11°20	0°56	7°52	16°31	5°39	5° 0	5°49	n.a.	F 15
S 16	5 20 59	20°48'18	9♏ 6	14° 3	12°14	13°57	9° 1	11°27	0°56	7°50	16°31	5°40	4°57	5°56	n.a.	S 16
S 17	5 24 55	21°49'30	21°22	15°40	13°29	13°50	9° 3	11°34	0°56	7°49	16°31	5°42	4°54	6° 2	n.a.	S 17
M18	5 28 52	22°50'41	3♐52	17°17	14°45	13°44	9° 5	11°40	0°56	7°48	16°31	5°R42	4°51	6° 9	n.a.	M18
T 19	5 32 48	23°51'51	16°38	18°54	16° 0	13°39	9° 7	11°47	0°57	7°47	16°32	5°42	4°47	6°16	n.a.	T 19
W20	5 36 45	24°53'01	29°41	20°32	17°15	13°35	9° 9	11°54	0°57	7°46	16°32	5°40	4°44	6°22	n.a.	W20
T 21	5 40 41	25°54'10	13♑ 0	22°10	18°31	13°31	9°11	12° 1	0°57	7°45	16°32	5°38	4°41	6°29	n.a.	T 21
F 22	5 44 38	26°55'17	26°33	23°50	19°46	13°29	9°12	12° 8	0°58	7°44	16°32	5°35	4°38	6°36	n.a.	F 22
S 23	5 48 35	27°56'24	10♒19	25°29	21° 2	13°27	9°13	12°15	0°58	7°43	16°32	5°32	4°35	6°42	n.a.	S 23
S 24	5 52 31	28°57'30	24°15	27° 9	22°17	13°26	9°14	12°22	0°59	7°42	16°R32	5°28	4°32	6°49	n.a.	S 24
M25	5 56 28	29°58'35	8♓17	28°50	23°32	13°D25	9°15	12°29	0°59	7°41	16°32	5°26	4°28	6°56	n.a.	M25
T 26	6 0 24	0♑59'38	22°24	0♑32	24°47	13°26	9°16	12°36	1° 0	7°40	16°32	5°24	4°25	7° 3	n.a.	T 26
W27	6 4 21	2° 0'39	6♈34	2°14	26° 3	13°27	9°16	12°42	1° 0	7°39	16°32	5°D24	4°22	7° 9	n.a.	W27
T 28	6 8 17	3° 1'40	20°44	3°57	27°18	13°29	9°16	12°49	1° 1	7°39	16°32	5°25	4°19	7°16	n.a.	T 28
F 29	6 12 14	4° 2'39	4♉53	5°40	28°33	13°32	9°R16	12°56	1° 2	7°38	16°32	5°27	4°16	7°23	n.a.	F 29
S 30	6 16 11	5° 3'37	18°58	7°24	29°49	13°35	9°16	13° 3	1° 3	7°37	16°31	5°28	4°13	7°29	n.a.	S 30
S 31	6 20 7	6♑ 4'33	2♊59	9♑ 9	1♑ 4	13♉39	9♍16	13♐ 9	1♈ 4	7♉36	16♍31	5°R29	4♊ 9	7♎36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s29	6n28	3s28	18s 2	0n10	18s21	0n30	19n10	2n 5	9n54	1n21	21s14	0n57	0s13	0s41	12n37	1s53	21n 4	17n 4	21n31	21n31	2n26		n.a.
S 2	21 39	12 33	2 21	18 32	0 3	18 42	0 28	19 6	2 7	9 52	1 21	21 15	0 57	0 13	0 41	12 36	1 53	21 4	17 5	21 31	21 31	2 23		n.a.
S 3	21 50	17 54	1 5	19 2	0s 5	19 3	0 25	19 3	2 8	9 50	1 22	21 16	0 57	0 14	0 41	12 36	1 53	21 4	17 5	21 31	21 30	2 20		n.a.
M 4	22 0	22 9	0n14	19 31	0 11	19 23	0 23	18 59	2 9	9 49	1 22	21 17	0 56	0 14	0 41	12 36	1 53	21 4	17 6	21 31	21 30	2 17		n.a.
T 5	22 9	25 0	1 31	20 0	0 18	19 43	0 20	18 55	2 11	9 47	1 22	21 19	0 56	0 14	0 41	12 35	1 53	21 4	17 7	21 31	21 29	2 14		n.a.
W 6	22 18	26 16	2 40	20 27	0 25	20 2	0 18	18 52	2 12	9 46	1 23	21 20	0 56	0 14	0 41	12 35	1 53	21 5	17 7	21 30	21 28	2 11		n.a.
T 7	22 27	25 56	3 39	20 54	0 32	20 20	0 16	18 49	2 13	9 45	1 23	21 21	0 56	0 14	0 41	12 34	1 53	21 5	17 8	21 30	21 28	2 8		n.a.
F 8	22 35	24 10	4 25	21 20	0 38	20 38	0 13	18 45	2 14	9 44	1 23	21 22	0 56	0 14	0 41	12 34	1 53	21 5	17 8	21 30	21 27	2 5		n.a.
S 9	22 43	21 15	4 57	21 44	0 44	20 55	0 11	18 42	2 15	9 42	1 23	21 23	0 56	0 14	0 41	12 33	1 53	21 6	17 9	21 30	21 27	2 2		n.a.
S 10	22 50	17 26	5 14	22 8	0 50	21 12	0 8	18 39	2 16	9 41	1 24	21 24	0 56	0 14	0 40	12 33	1 53	21 6	17 10	21 30	21 26	1 58		n.a.
M11	22 57	12 59	5 16	22 31	0 56	21 28	0 6	18 37	2 16	9 40	1 24	21 25	0 56	0 14	0 40	12 33	1 53	21 6	17 10	21 30	21 26	1 55		n.a.
T 12	23 3	8 7	5 5	22 53	1 2	21 43	0 4	18 34	2 17	9 39	1 24	21 26	0 56	0 14	0 40	12 32	1 53	21 7	17 11	21 30	21 25	1 52		n.a.
W13	23 9	2 59	4 41	23 13	1 8	21 58	0 1	18 32	2 18	9 38	1 25	21 27	0 56	0 14	0 40	12 32	1 53	21 7	17 11	21 30	21 24	1 49		n.a.
T 14	23 15	2s16	4 5	23 33	1 13	22 12	0s 1	18 30	2 19	9 38	1 25	21 28	0 56	0 14	0 40	12 32	1 53	21 7	17 12	21 30	21 24	1 46		n.a.
F 15	23 20	7 28	3 18	23 51	1 18	22 25	0 4	18 28	2 19	9 37	1 25	21 29	0 56	0 14	0 40	12 31	1 53	21 8	17 13	21 30	21 23	1 43		n.a.
S 16	23 24	12 28	2 22	24 8	1 23	22 38	0 6	18 26	2 20	9 36	1 26	21 30	0 56	0 14	0 40	12 31	1 53	21 8	17 13	21 31	21 23	1 40		n.a.
S 17	23 28	17 3	1 18	24 24	1 28	22 50	0 9	18 25	2 20	9 36	1 26	21 31	0 56	0 14	0 40	12 31	1 53	21 9	17 14	21 31	21 22	1 37		n.a.
M18	23 32	21 1	0 10	24 38	1 32	23 1	0 11	18 23	2 21	9 35	1 26	21 32	0 56	0 14	0 40	12 30	1 53	21 9	17 14	21 31	21 22	1 34		n.a.
T 19	23 35	24 2	1s 0	24 51	1 36	23 12	0 13	18 22	2 21	9 35	1 26	21 33	0 56	0 14	0 40	12 30	1 52	21 10	17 15	21 31	21 21	1 31		n.a.
W20	23 38	25 52	2 8	25 3	1 40	23 22	0 16	18 21	2 22	9 34	1 27	21 34	0 55	0 14	0 40	12 30	1 52	21 10	17 15	21 31	21 20	1 28		n.a.
T 21	23 40	26 15	3 11	25 13	1 44	23 31	0 18	18 20	2 22	9 34	1 27	21 35	0 55	0 14	0 40	12 29	1 52	21 11	17 16	21 30	21 20	1 24		n.a.
F 22	23 41	25 5	4 4	25 22	1 47	23 40	0 20	18 20	2 22	9 34	1 27	21 36	0 55	0 13	0 40	12 29	1 52	21 11	17 17	21 30	21 19	1 21		n.a.
S 23	23 43	22 25	4 44	25 29	1 50	23 48	0 23	18 19	2 23	9 34	1 28	21 37	0 55	0 13	0 40	12 29	1 52	21 12	17 17	21 29	21 19	1 18		n.a.
S 24	23 43	18 26	5 8	25 35	1 53	23 55	0 25	18 19	2 23	9 33	1 28	21 38	0 55	0 13	0 40	12 29	1 52	21 12	17 18	21 28	21 18	1 15		n.a.
M25	23 44	13 24	5 14	25 39	1 56	24 1	0 27	18 19	2 23	9 33	1 28	21 39	0 55	0 13	0 40	12 28	1 52	21 13	17 18	21 28	21 17	1 12		n.a.
T 26	23 43	7 38	5 0	25 41	1 58	24 7	0 29	18 20	2 23	9 33	1 29	21 40	0 55	0 12	0 40	12 28	1 52	21 13	17 19	21 28	21 17	1 9		n.a.
W27	23 43	1 28	4 29	25 42	1 59	24 12	0 32	18 20	2 23	9 34	1 29	21 41	0 55	0 12	0 40	12 28	1 52	21 14	17 20	21 28	21 16	1 6		n.a.
T 28	23 41	4n47	3 41	25 41	2 1	24 16	0 34	18 21	2 23	9 34	1 29	21 42	0 55	0 12	0 40	12 28	1 52	21 14	17 20	21 28	21 16	1 3		n.a.
F 29	23 40	10 48	2 40	25 38	2 1	24 19	0 36	18 22	2 23	9 34	1 30	21 43	0 55	0 11	0 40	12 28	1 52	21 15	17 21	21 28	21 15	1 0		n.a.
S 30	23 38	16 14	1 29	25 33	2 2	24 22	0 38	18 23	2 23	9 34	1 30	21 44	0 55	0 11	0 40	12 27	1 52	21 16	17 21	21 28	21 14	0 56		n.a.
S 31	23s35	20n47	0s14	25s26	2s 2	24s24	0s40	18n24	2n23	9n35	1n30	21s44	0n55	0s11	0s40	12n27	1s52	21n16	17n22	21n28	21n14	0n53		n.a.

Julian Day Number = 1630079.5, Delta T = 03h42m25s
Ecliptic obliquity = 23°43'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 6°31'22, Lahiri = - 7°24'22 Julian Calendar 1 Dec. 251 BCE == Greg. Calendar 27 Nov. 251 BCE

The year -250 astronomical counting style corresponds to year 251 B.C.E historical counting style.

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